

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047188.D
 Acq On : 30 Jul 2025 16:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 31 03:18:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2025
 Supervised By : Mahesh Dadoda 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	271067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	466271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	197207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	162347	48.079	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.160%		
35) Dibromofluoromethane	5.397	113	139569	48.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	8.653	98	423068	45.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.760%#		
62) 4-Bromofluorobenzene	11.079	95	189579	47.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	186519	51.804	ug/l	98
3) Chloromethane	1.313	50	168461	47.301	ug/l	98
4) Vinyl Chloride	1.392	62	200988	52.498	ug/l	99
5) Bromomethane	1.630	94	101808	48.954	ug/l	96
6) Chloroethane	1.709	64	117275	46.640	ug/l	99
7) Trichlorofluoromethane	1.904	101	295449	51.754	ug/l	100
8) Diethyl Ether	2.148	74	106431	52.876	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	176654	51.362	ug/l	99
10) Methyl Iodide	2.471	142	215516	61.483	ug/l	99
11) Tert butyl alcohol	2.959	59	121197	309.489	ug/l	100
12) 1,1-Dichloroethene	2.337	96	175228	51.439	ug/l	99
13) Acrolein	2.252	56	163473	224.844	ug/l	99
14) Allyl chloride	2.678	41	292445	47.492	ug/l	94
15) Acrylonitrile	3.081	53	460297	285.826	ug/l	99
16) Acetone	2.392	43	382208	282.554	ug/l	97
17) Carbon Disulfide	2.532	76	446616	45.319	ug/l	100
18) Methyl Acetate	2.715	43	246331	68.525	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	580143	55.958	ug/l	99
20) Methylene Chloride	2.806	84	187682	50.433	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	177745	50.989	ug/l	97
22) Diisopropyl ether	3.770	45	637909	53.882	ug/l	98
23) Vinyl Acetate	3.733	43	2647147	278.776	ug/l	100
24) 1,1-Dichloroethane	3.623	63	342919	52.089	ug/l	99
25) 2-Butanone	4.562	43	578853	293.889	ug/l	99
26) 2,2-Dichloropropane	4.489	77	210304	41.267	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	213956	51.831	ug/l	98
28) Bromochloromethane	4.910	49	168000	55.468	ug/l	99
29) Tetrahydrofuran	5.019	42	366594	288.467	ug/l	98
30) Chloroform	5.105	83	342803	51.154	ug/l	98
31) Cyclohexane	5.483	56	302955	47.994	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	300364	51.603	ug/l	99
36) 1,1-Dichloropropene	5.702	75	236997	48.294	ug/l	99
37) Ethyl Acetate	4.721	43	261858	57.909	ug/l	99
38) Carbon Tetrachloride	5.690	117	258693	49.390	ug/l	99
39) Methylcyclohexane	7.385	83	294511	48.067	ug/l	98
40) Benzene	6.050	78	711004	50.064	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	123093	52.062	ug/l	94
42) 1,2-Dichloroethane	6.092	62	257246	51.421	ug/l	100
43) Isopropyl Acetate	6.348	43	414414	58.786	ug/l	99
44) Trichloroethene	7.129	130	176841	48.558	ug/l	99
45) 1,2-Dichloropropane	7.434	63	179966	50.595	ug/l	96
46) Dibromomethane	7.586	93	130150	52.178	ug/l	99
47) Bromodichloromethane	7.824	83	272382	51.303	ug/l	97
48) Methyl methacrylate	7.696	41	210735	54.874	ug/l	100
49) 1,4-Dioxane	7.720	88	51403	1176.839	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	1218464	290.793	ug/l	100
52) Toluene	8.720	92	436703	50.009	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	251440	50.152	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	274295	49.988	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	170504	52.064	ug/l	97
56) Ethyl methacrylate	9.116	69	275666	56.859	ug/l	99
57) 1,3-Dichloropropane	9.305	76	289457	50.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	737278	273.281	ug/l	99
59) 2-Hexanone	9.427	43	849513	306.867	ug/l	100
60) Dibromochloromethane	9.519	129	201095	52.356	ug/l	99
61) 1,2-Dibromoethane	9.610	107	172526	50.382	ug/l	99
64) Tetrachloroethene	9.275	164	143478	48.659	ug/l	96
65) Chlorobenzene	10.079	112	476427	49.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166710	51.675	ug/l	99
67) Ethyl Benzene	10.195	91	847021	50.556	ug/l	100
68) m/p-Xylenes	10.299	106	623200	99.399	ug/l	100
69) o-Xylene	10.640	106	304713	51.088	ug/l	99
70) Styrene	10.653	104	526987	51.526	ug/l	100
71) Bromoform	10.799	173	133550	54.496	ug/l #	99
73) Isopropylbenzene	10.963	105	809566	52.034	ug/l	99
74) N-amyl acetate	10.842	43	352710	56.186	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	245158	55.164	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	201427m	55.182	ug/l	
77) Bromobenzene	11.195	156	191880	51.418	ug/l	99
78) n-propylbenzene	11.305	91	955754	51.406	ug/l	99
79) 2-Chlorotoluene	11.360	91	567408	51.055	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	659175	51.283	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	54494	38.463	ug/l	99
82) 4-Chlorotoluene	11.451	91	660711	50.933	ug/l	99
83) tert-Butylbenzene	11.713	119	676262	52.419	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	663255	51.734	ug/l	100
85) sec-Butylbenzene	11.890	105	835542	51.834	ug/l	100
86) p-Isopropyltoluene	12.006	119	695985	52.066	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	354473	49.992	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	357691	49.792	ug/l	98
89) n-Butylbenzene	12.329	91	649430	51.806	ug/l	99
90) Hexachloroethane	12.536	117	125596	52.520	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	341535	50.397	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50425	59.110	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	232596	51.948	ug/l	99
94) Hexachlorobutadiene	13.719	225	81494	53.518	ug/l	98
95) Naphthalene	13.774	128	740137	56.387	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	224251	51.988	ug/l	99

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ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

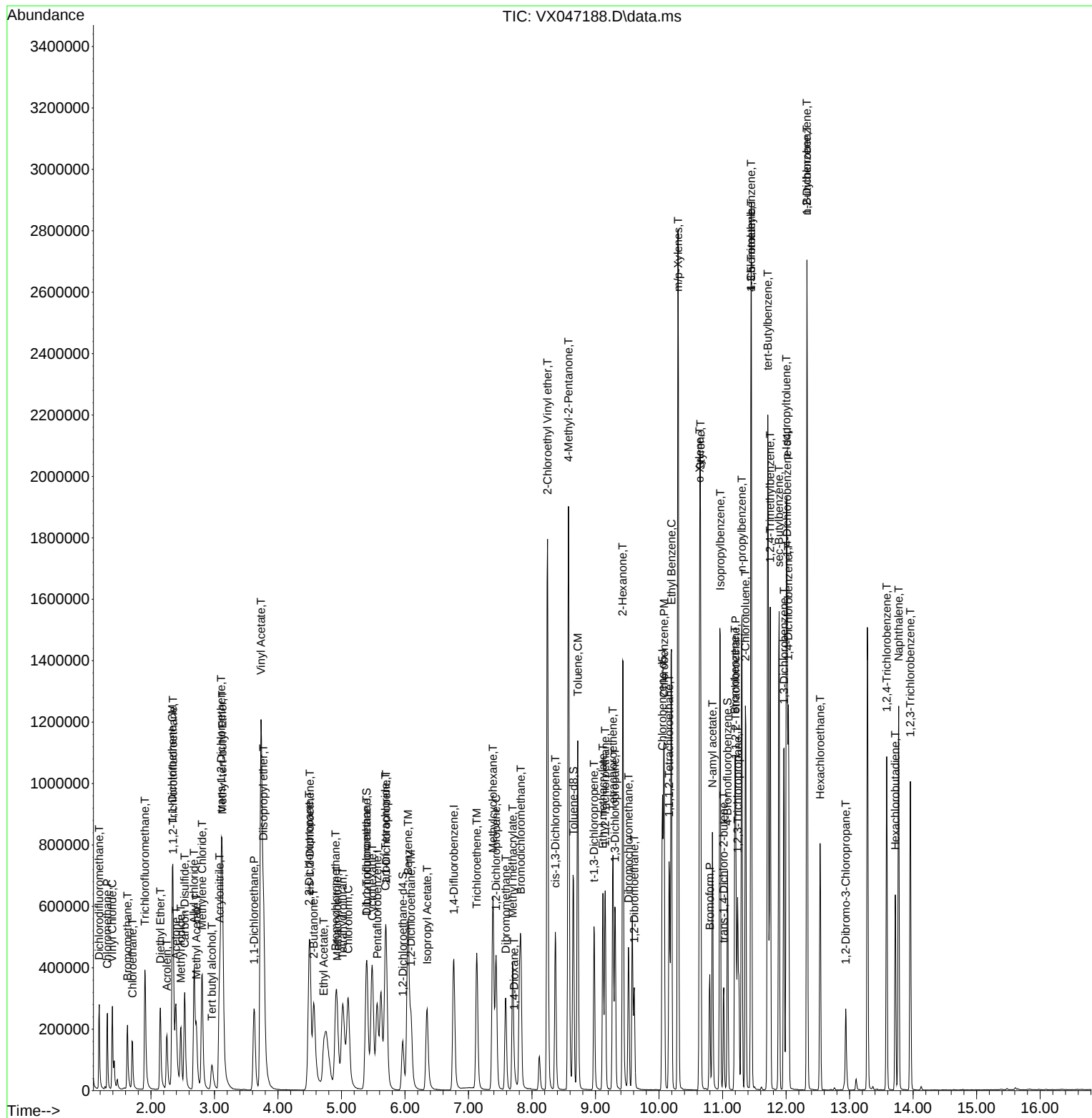
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
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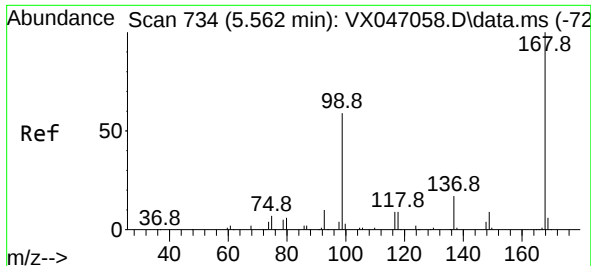
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MSVOA_X
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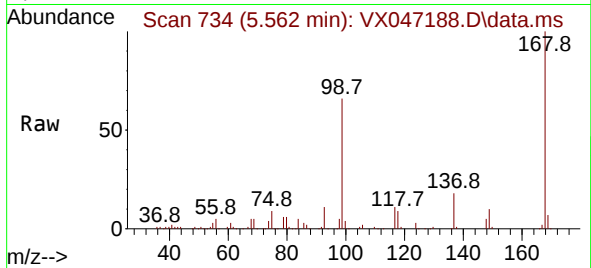
Reviewed By : John Carlone 07/31/2025
Supervised By : Mahesh Dadoda 07/31/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

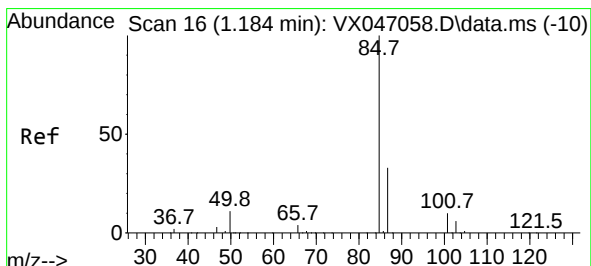
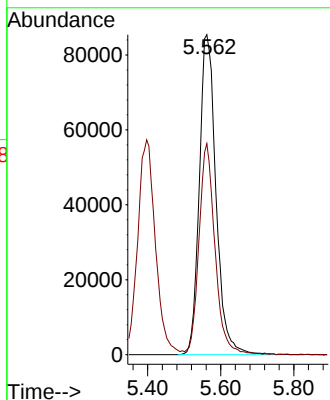
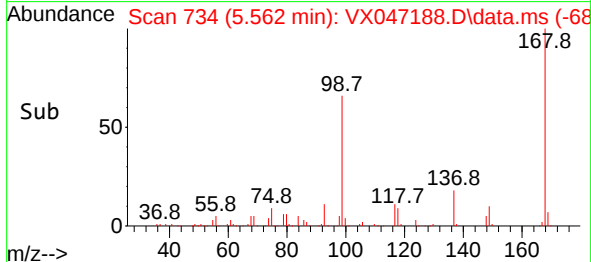
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 27106
Ion Ratio Lower Upper
168 100
99 65.9 48.0 72.0

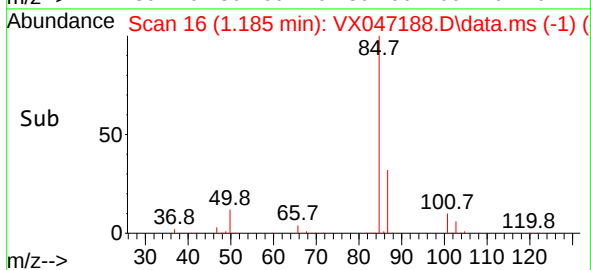
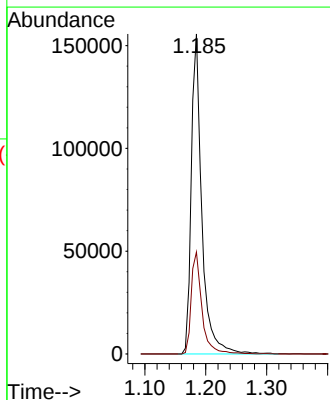
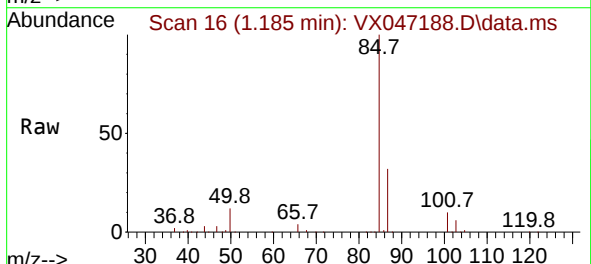
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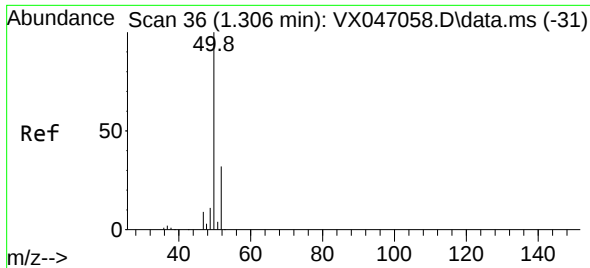
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#2
Dichlorodifluoromethane
Concen: 51.804 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

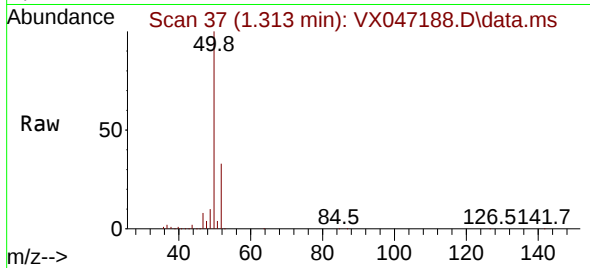
Tgt Ion: 85 Resp: 186519
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8





#3
Chloromethane
Concen: 47.301 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

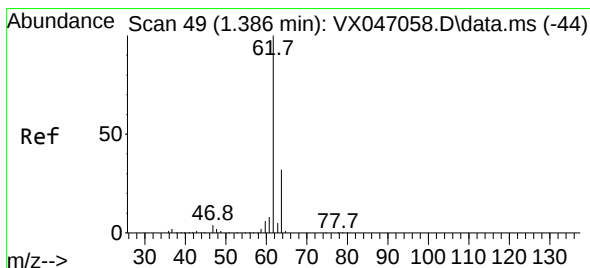
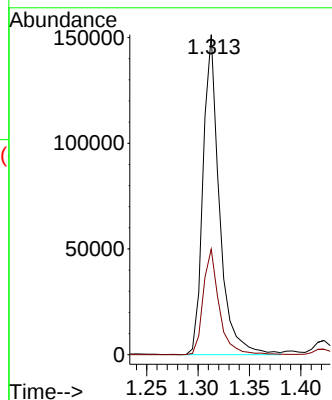
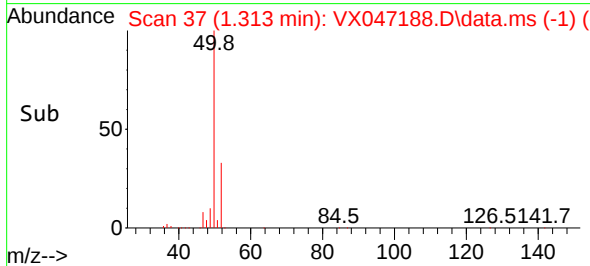
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 16846
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

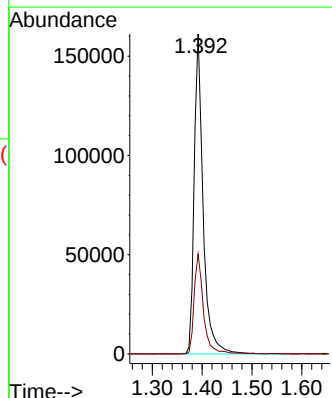
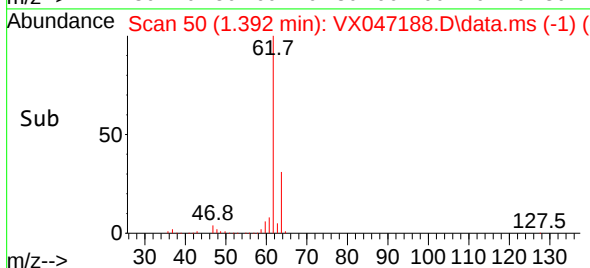
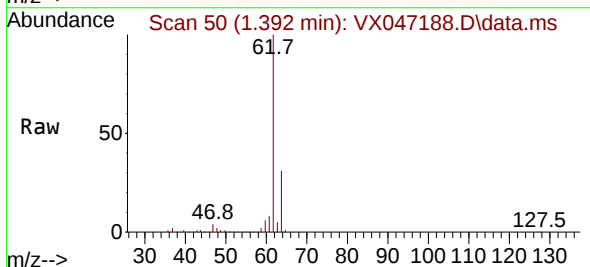
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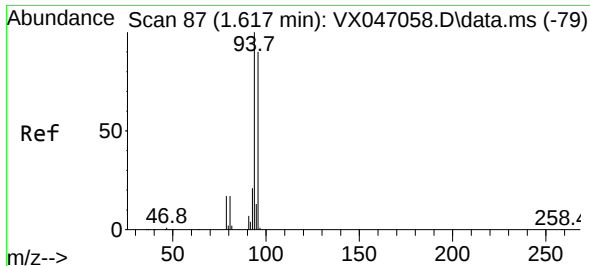
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#4
Vinyl Chloride
Concen: 52.498 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

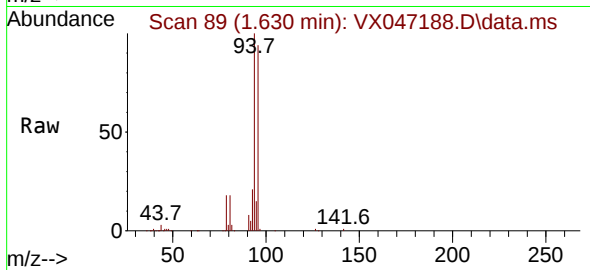
Tgt Ion: 62 Resp: 200988
Ion Ratio Lower Upper
62 100
64 31.2 25.2 37.8





#5
Bromomethane
Concen: 48.954 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

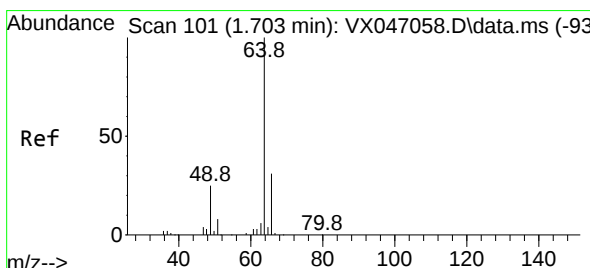
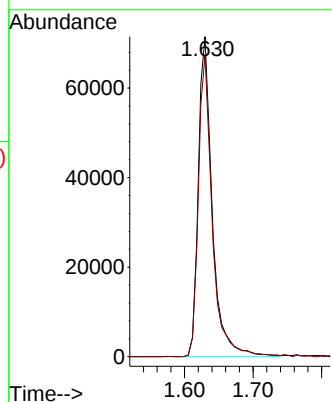
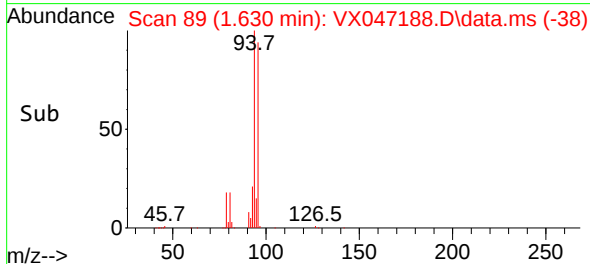
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Tgt Ion: 94 Resp: 101808
Ion Ratio Lower Upper
94 100
96 94.1 72.3 108.5

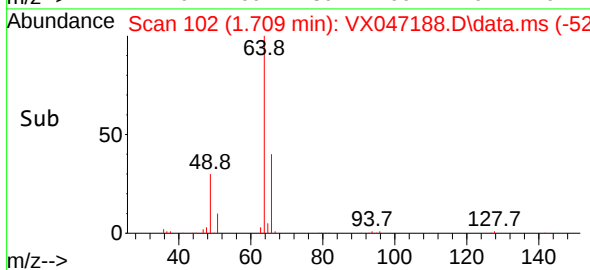
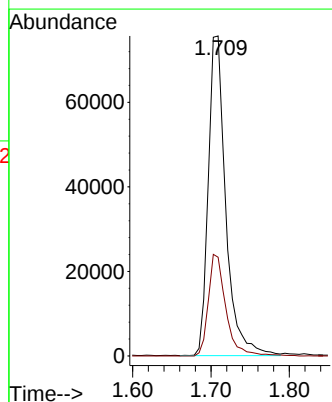
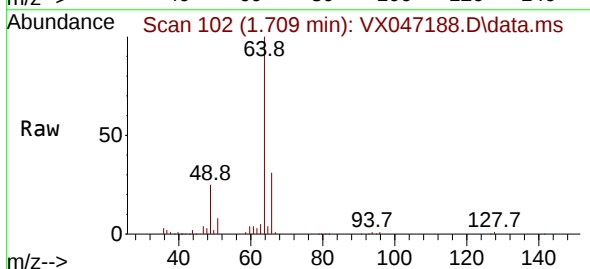
Manual Integrations
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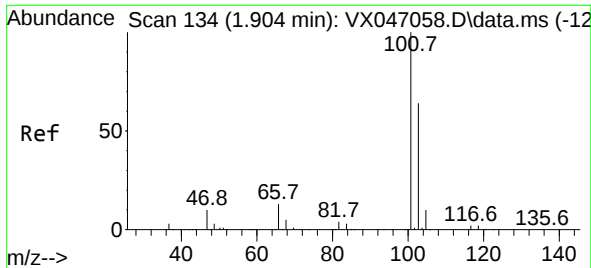
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#6
Chloroethane
Concen: 46.640 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

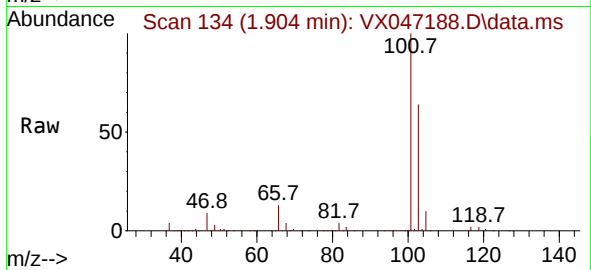
Tgt Ion: 64 Resp: 117275
Ion Ratio Lower Upper
64 100
66 30.9 25.0 37.6





#7
Trichlorofluoromethane
Concen: 51.754 ug/l
RT: 1.904 min Scan# 134
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

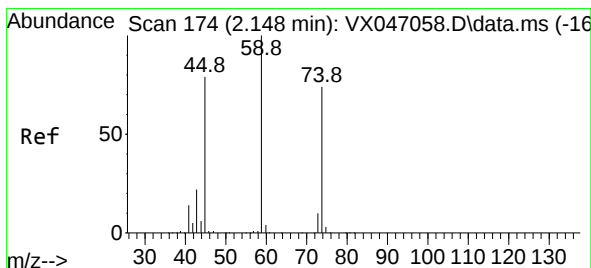
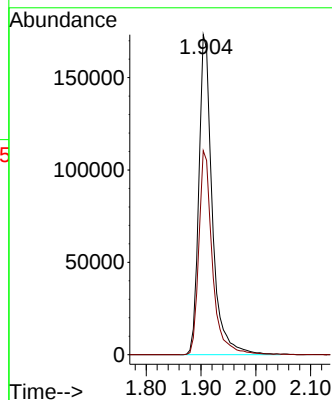
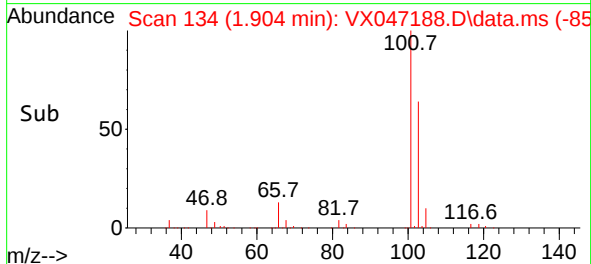
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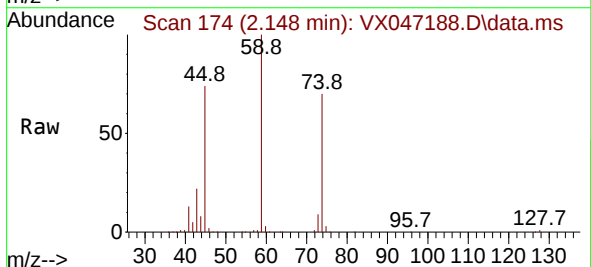
Tgt Ion:101 Resp: 295449
Ion Ratio Lower Upper
101 100
103 63.7 50.9 76.3

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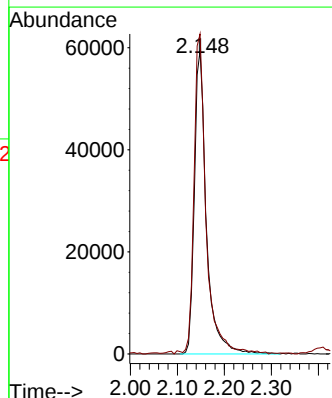
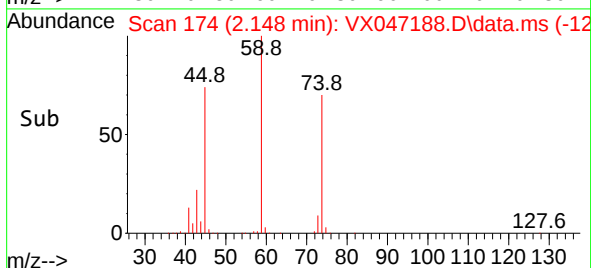
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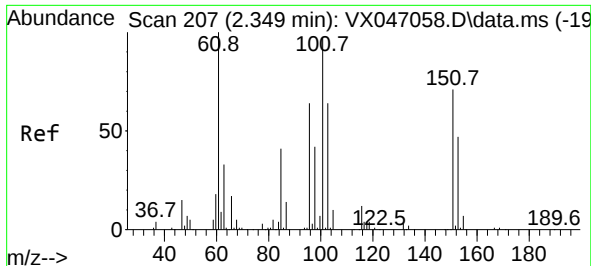


#8
Diethyl Ether
Concen: 52.876 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



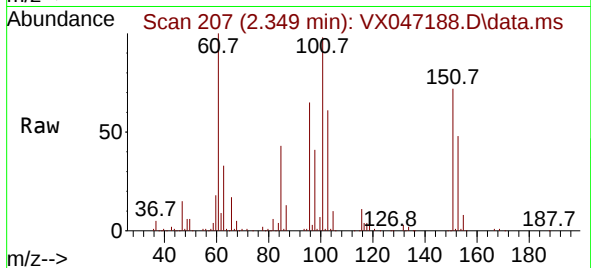
Tgt Ion: 74 Resp: 106431
Ion Ratio Lower Upper
74 100
45 106.5 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.362 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

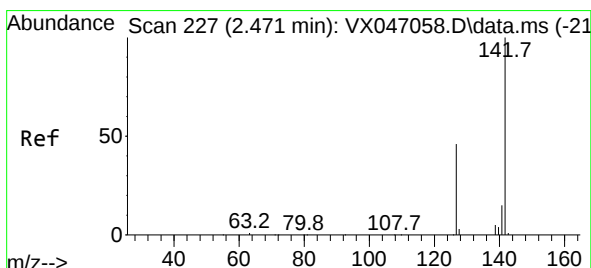
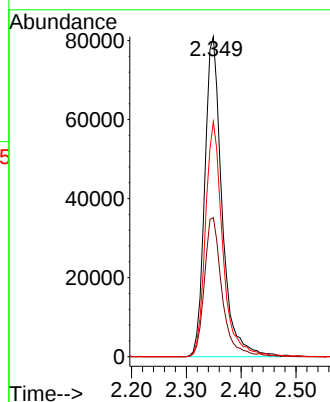
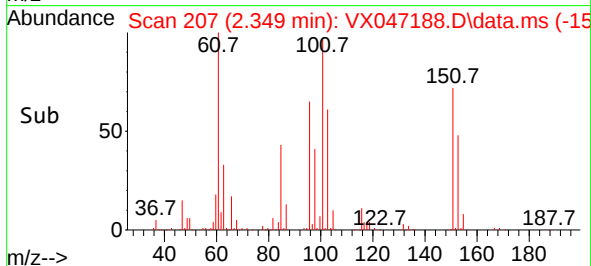
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



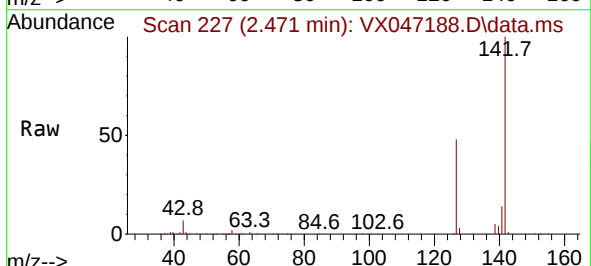
Tgt Ion:101 Resp: 176654
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.0
151 73.3 59.2 88.8

Manual Integrations
APPROVED

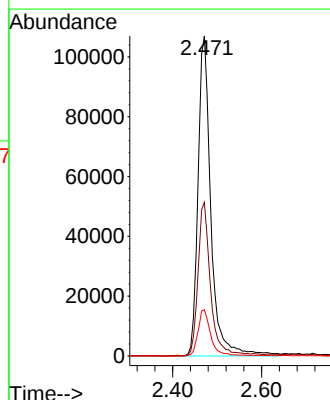
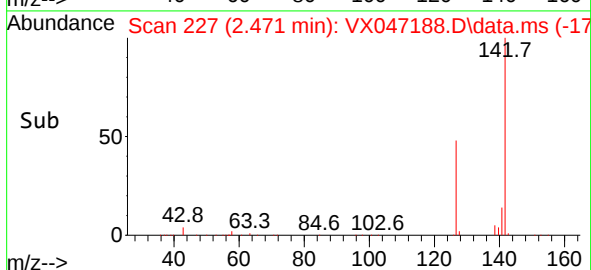
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

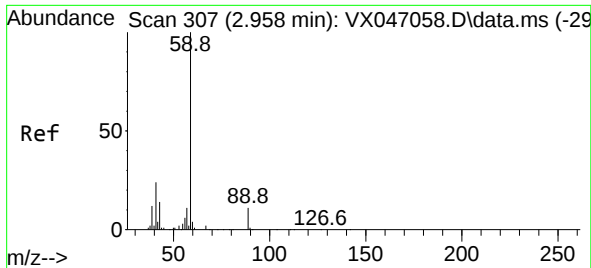


#10
Methyl Iodide
Concen: 61.483 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



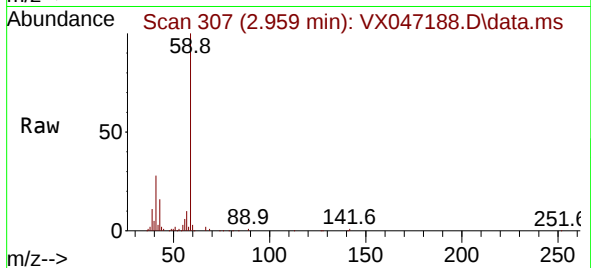
Tgt Ion:142 Resp: 215516
Ion Ratio Lower Upper
142 100
127 46.2 36.6 54.8
141 14.3 10.9 16.3





#11
Tert butyl alcohol
Concen: 309.489 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

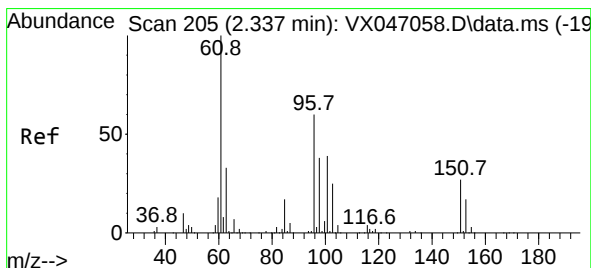
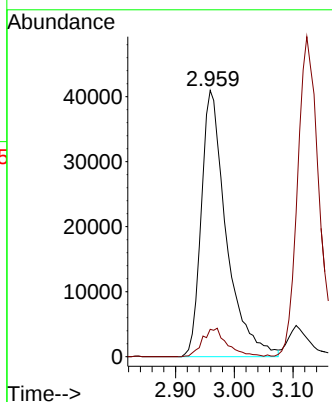
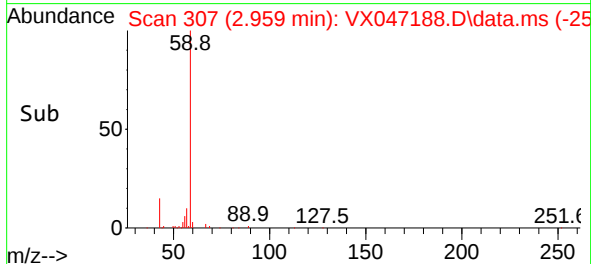
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



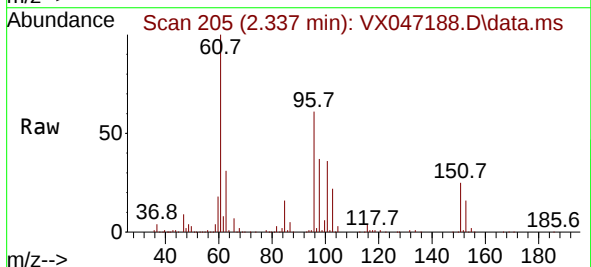
Tgt Ion: 59 Resp: 121197
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
APPROVED

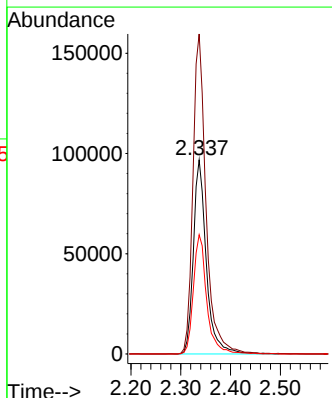
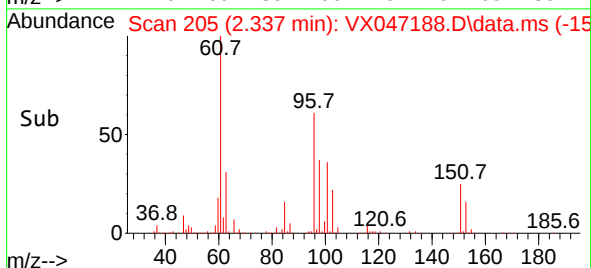
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

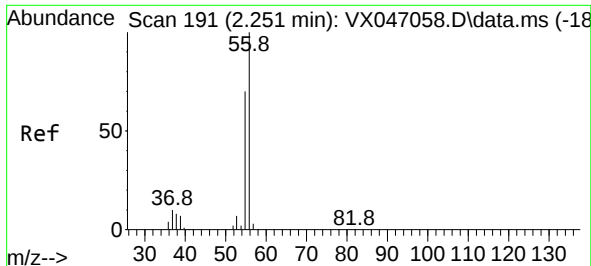


#12
1,1-Dichloroethene
Concen: 51.439 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



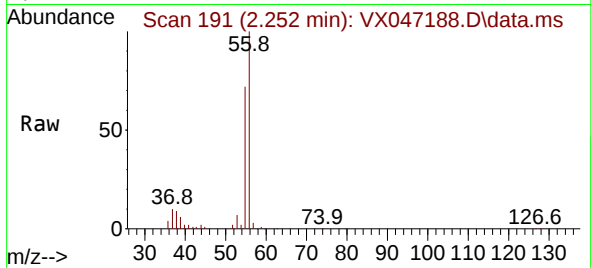
Tgt Ion: 96 Resp: 175228
Ion Ratio Lower Upper
96 100
61 164.9 132.6 198.8
98 61.4 50.2 75.4





#13
Acrolein
Concen: 224.844 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

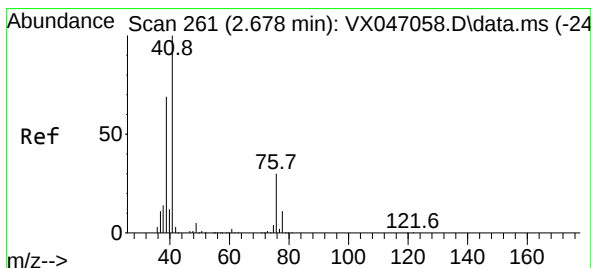
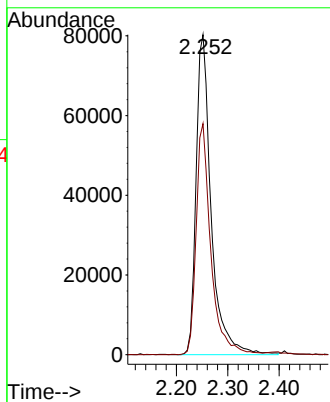
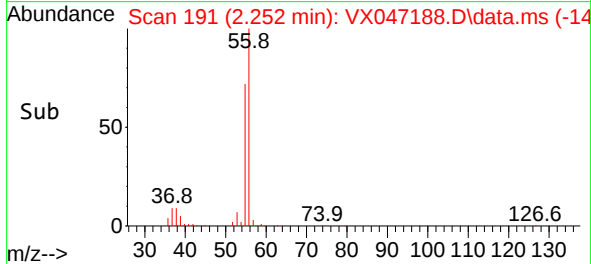
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



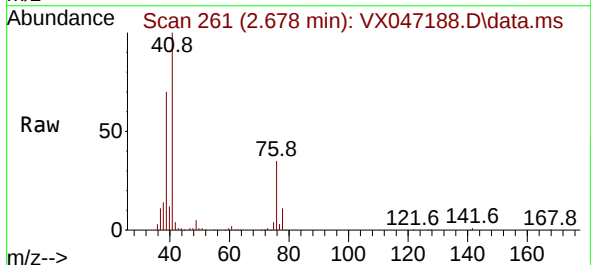
Tgt Ion: 56 Resp: 16347
Ion Ratio Lower Upper
56 100
55 70.5 55.7 83.5

Manual Integrations
APPROVED

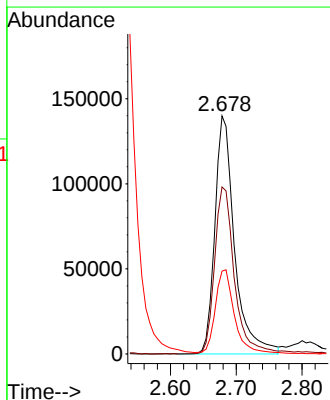
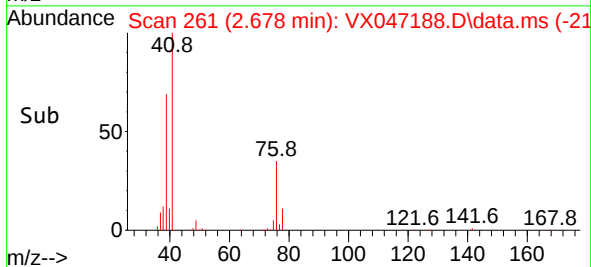
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

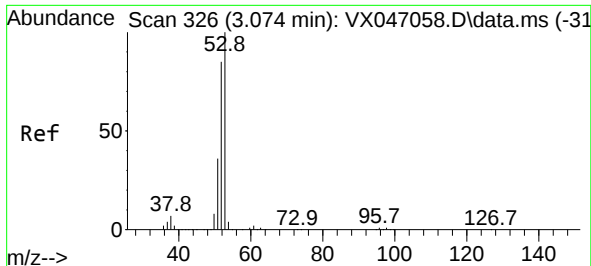


#14
Allyl chloride
Concen: 47.492 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



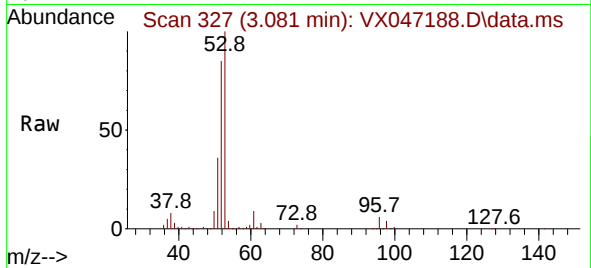
Tgt Ion: 41 Resp: 292445
Ion Ratio Lower Upper
41 100
39 70.9 52.6 78.8
76 34.5 25.7 38.5





#15
Acrylonitrile
Concen: 285.826 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

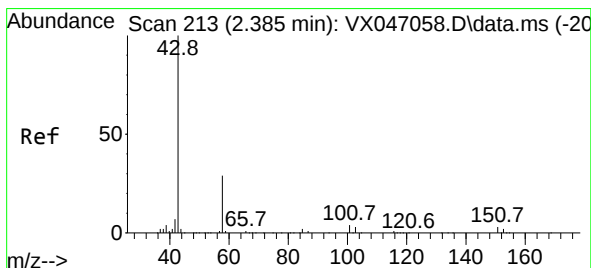
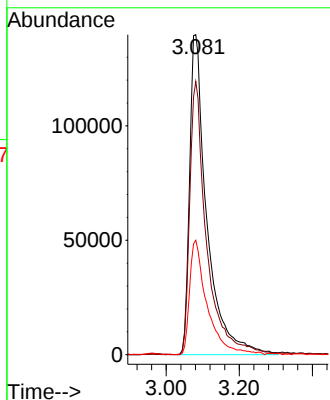
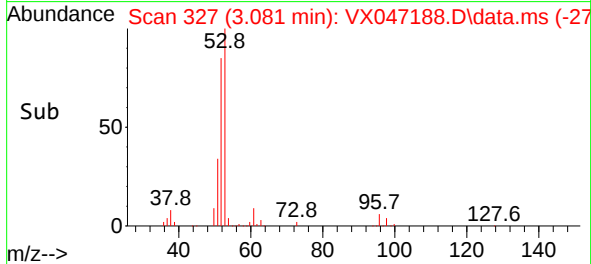
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



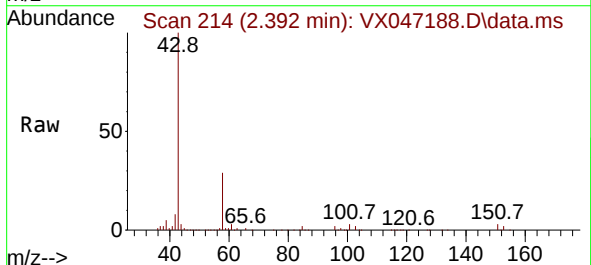
Tgt Ion: 53 Resp: 460297
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 36.1 28.8 43.2

Manual Integrations
APPROVED

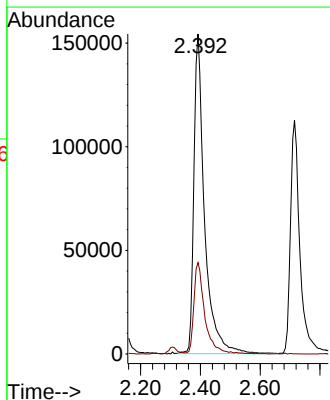
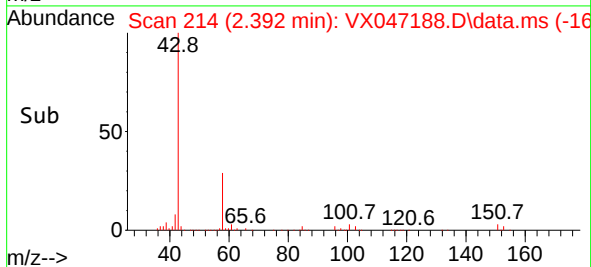
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

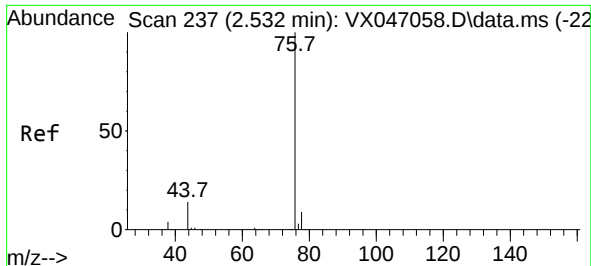


#16
Acetone
Concen: 282.554 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



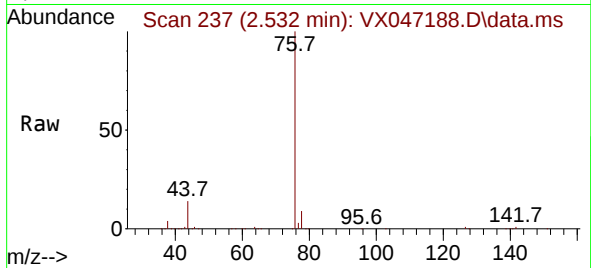
Tgt Ion: 43 Resp: 382208
Ion Ratio Lower Upper
43 100
58 28.5 24.0 36.0





#17
Carbon Disulfide
Concen: 45.319 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

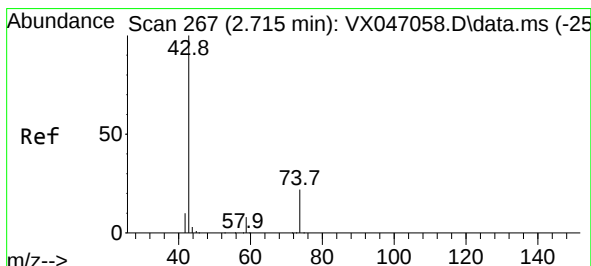
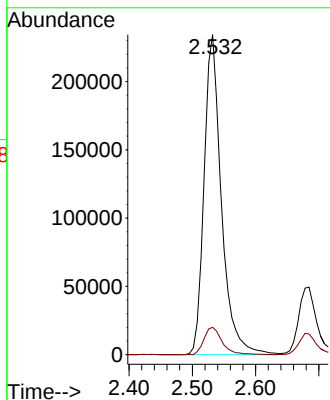
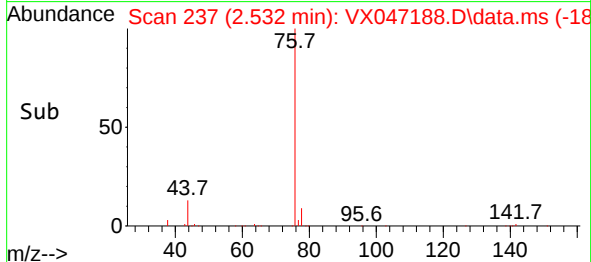
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 446610
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

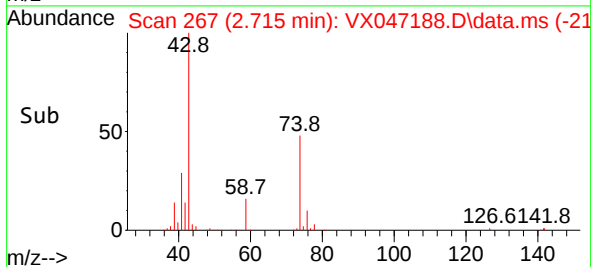
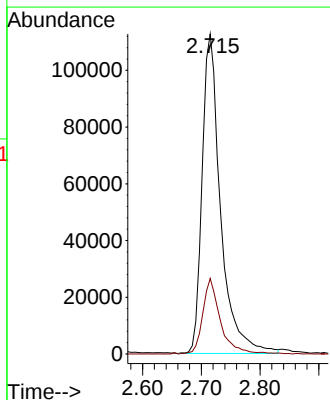
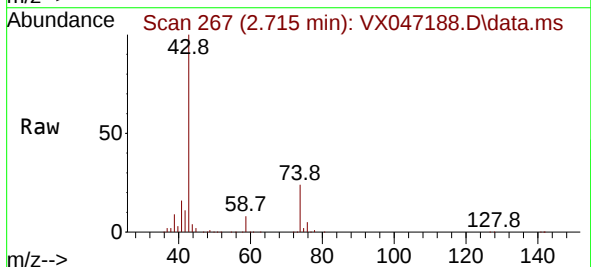
Manual Integrations
APPROVED

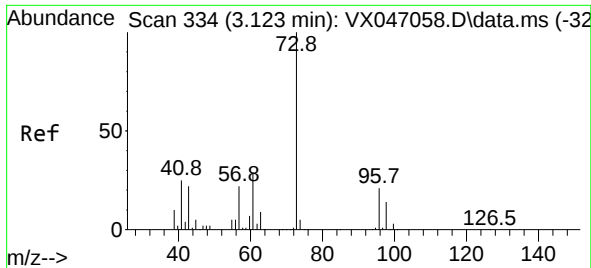
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#18
Methyl Acetate
Concen: 68.525 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 43 Resp: 246331
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5





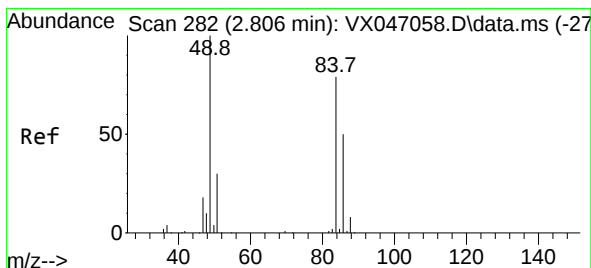
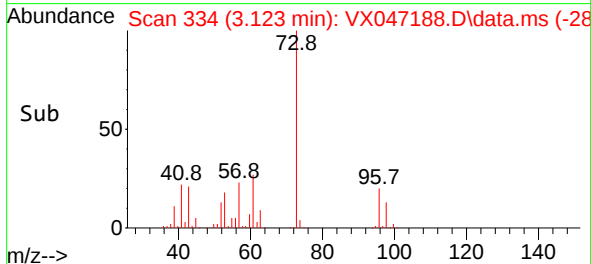
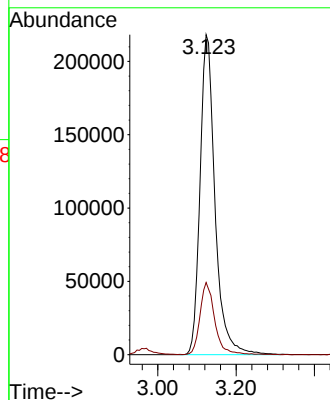
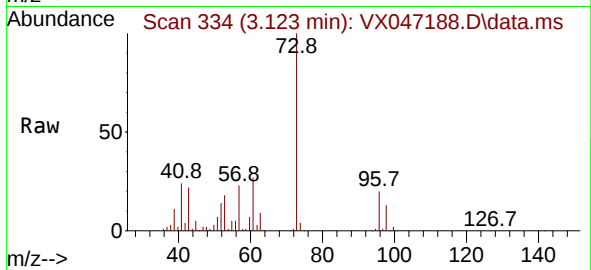
#19
Methyl tert-butyl Ether
Concen: 55.958 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 58014
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

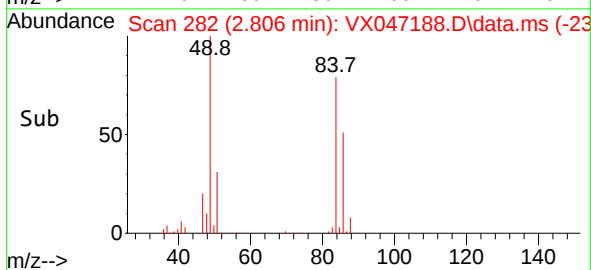
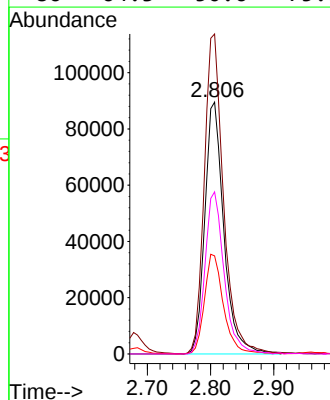
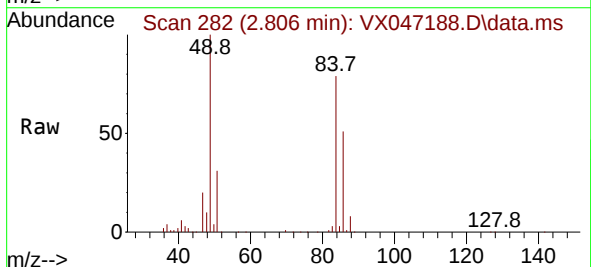
Manual Integrations
APPROVED

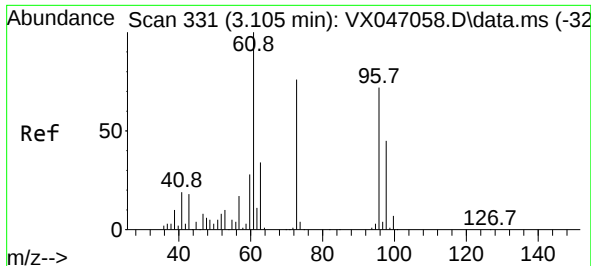
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#20
Methylene Chloride
Concen: 50.433 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

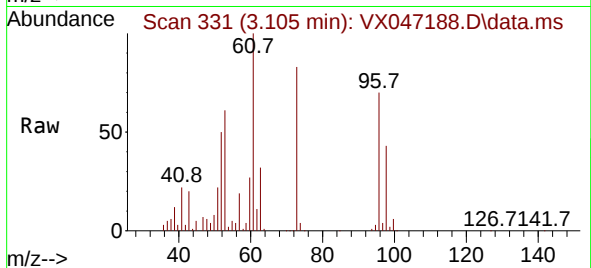
Tgt Ion: 84 Resp: 187682
Ion Ratio Lower Upper
84 100
49 126.8 101.6 152.4
51 38.9 30.3 45.5
86 64.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.989 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

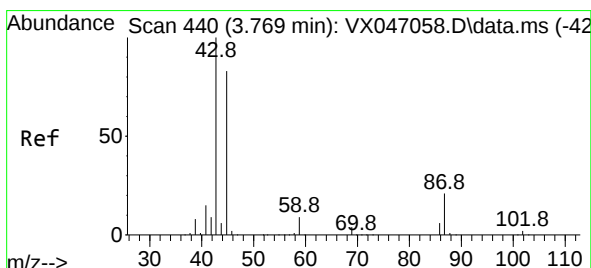
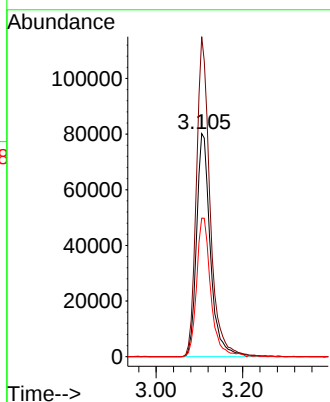
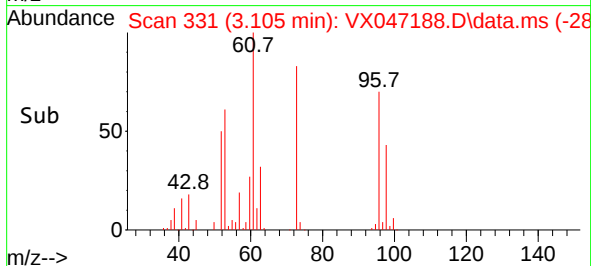
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 177749
Ion Ratio Lower Upper
96 100
61 143.5 111.1 166.7
98 62.1 49.6 74.4

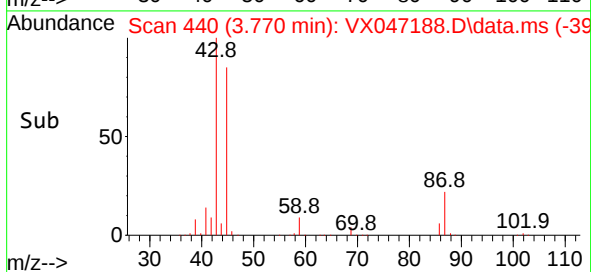
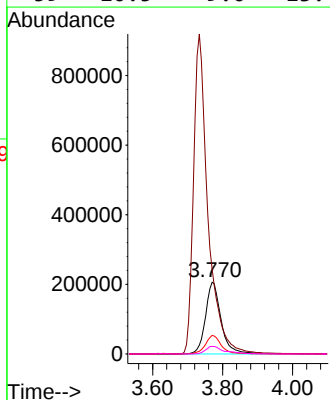
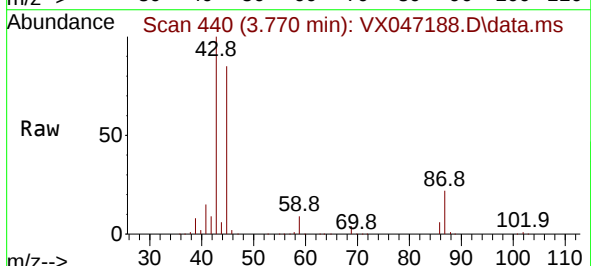
Manual Integrations
APPROVED

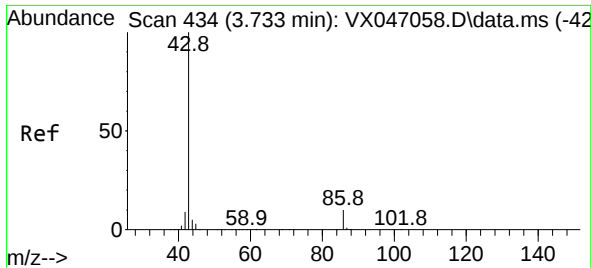
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#22
Diisopropyl ether
Concen: 53.882 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 45 Resp: 637909
Ion Ratio Lower Upper
45 100
43 118.2 96.8 145.2
87 25.8 20.5 30.7
59 10.5 9.0 13.4





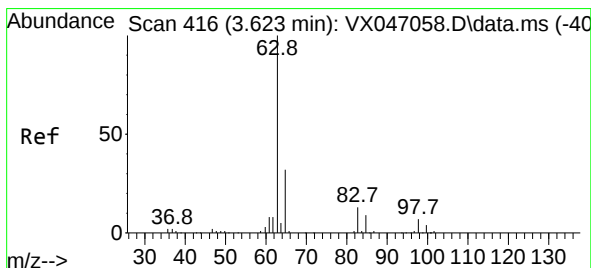
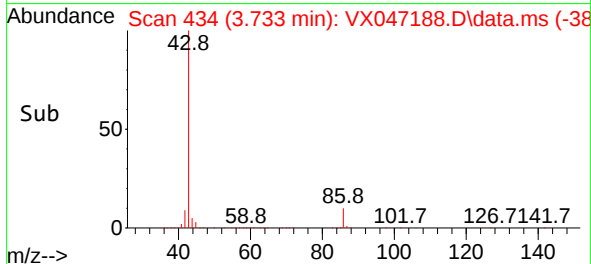
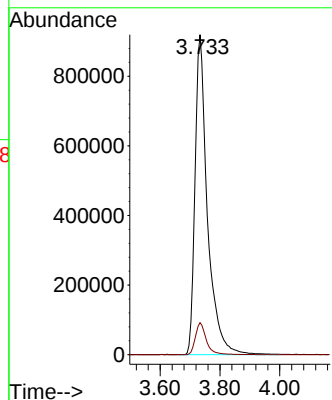
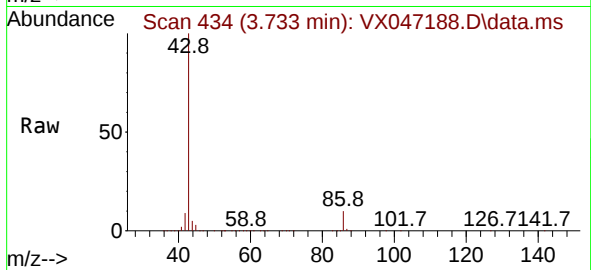
#23
 Vinyl Acetate
 Concen: 278.776 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX047188.D
 Acq: 30 Jul 2025 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 264714
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

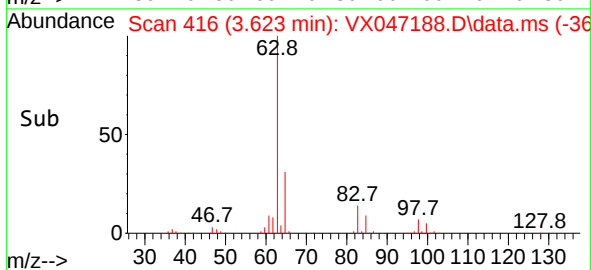
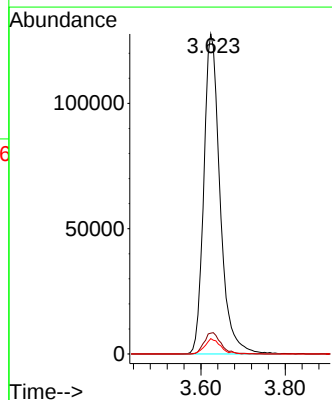
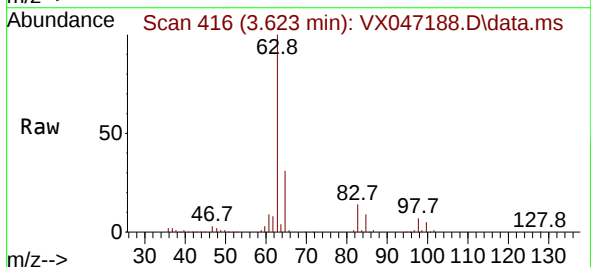
Manual Integrations
 APPROVED

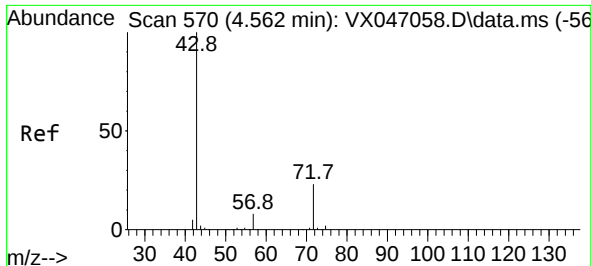
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025



#24
 1,1-Dichloroethane
 Concen: 52.089 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047188.D
 Acq: 30 Jul 2025 16:32

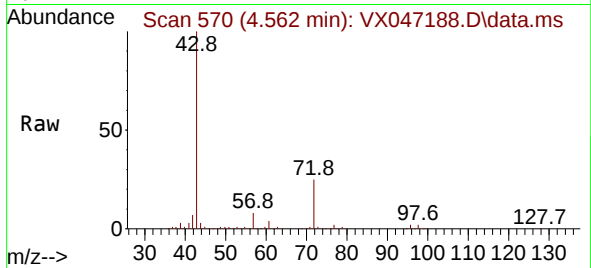
Tgt Ion: 63 Resp: 342919
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 293.889 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

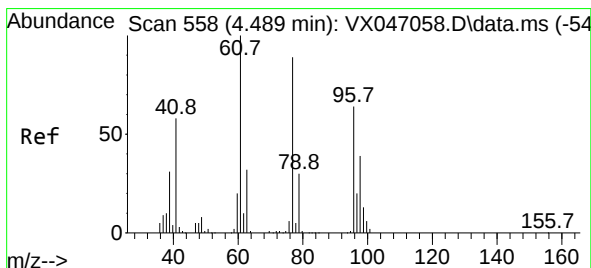
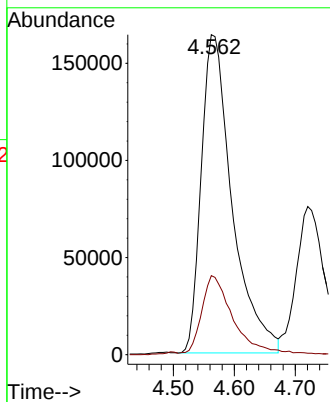
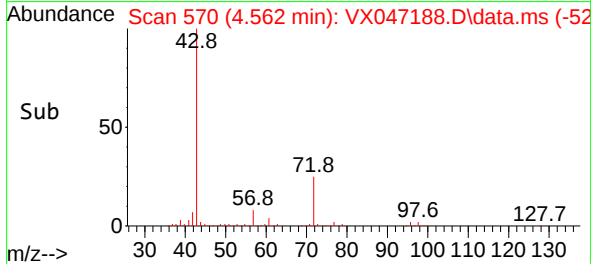
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 57885
Ion Ratio Lower Upper
43 100
72 24.1 18.8 28.2

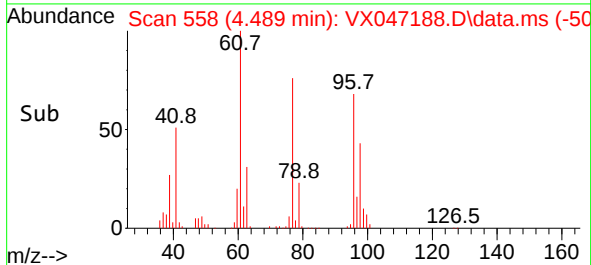
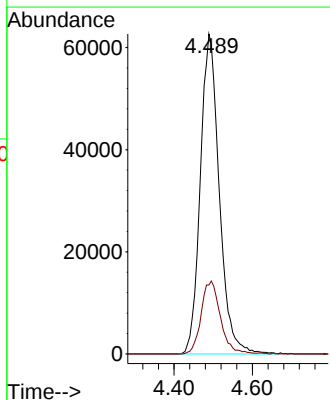
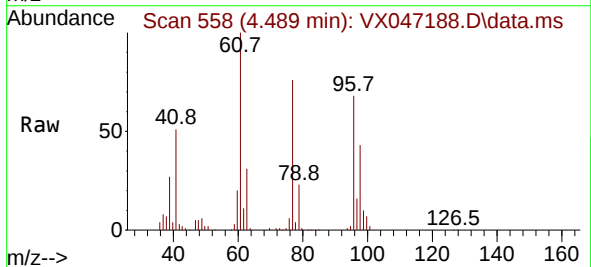
Manual Integrations
APPROVED

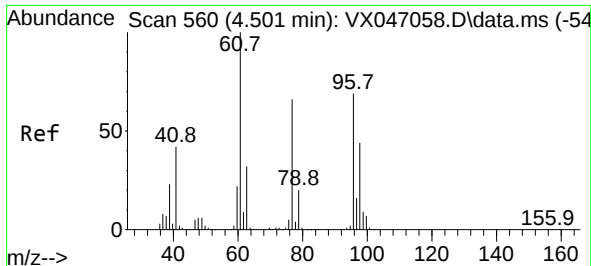
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#26
2,2-Dichloropropane
Concen: 41.267 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 77 Resp: 210304
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.831 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047188.D

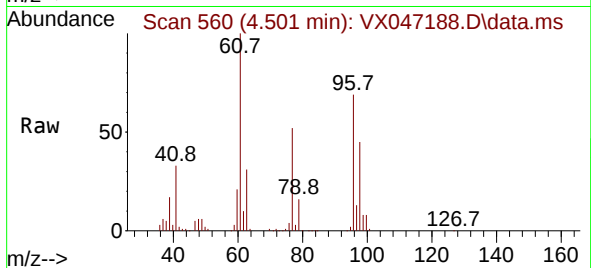
Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



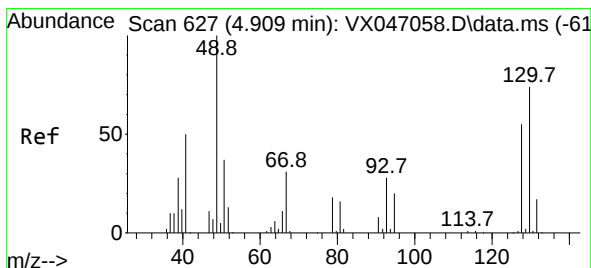
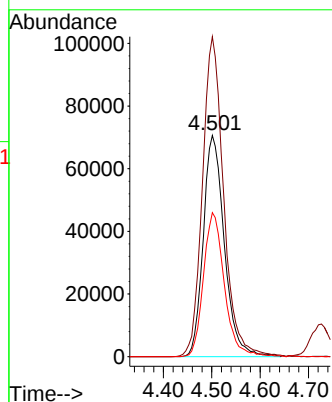
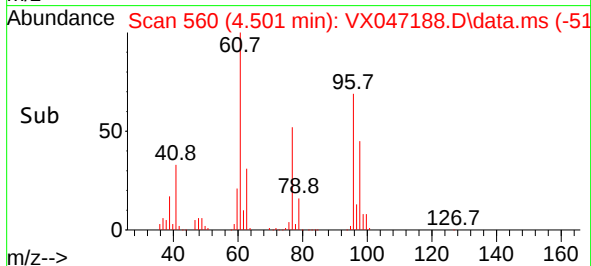
Tgt Ion:	96	Resp:	21395
Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	298.6
98	64.7	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#28

Bromochloromethane

Concen: 55.468 ug/l

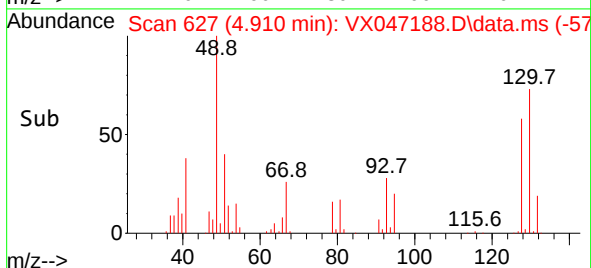
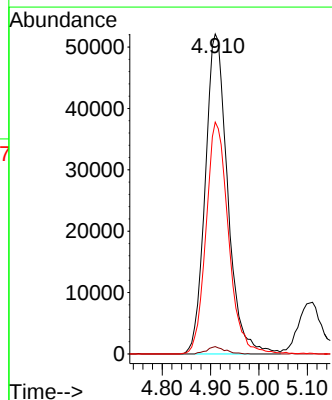
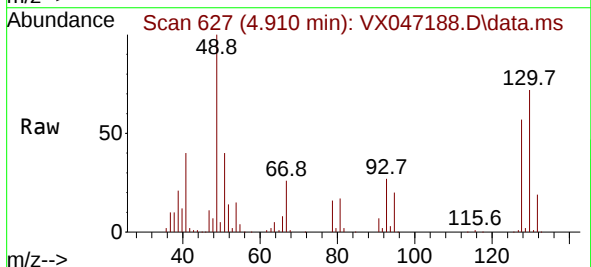
RT: 4.910 min Scan# 627

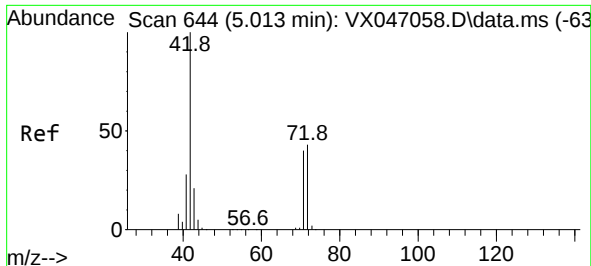
Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Tgt Ion:	49	Resp:	168000
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	72.7	59.0	88.4





#29

Tetrahydrofuran

Concen: 288.467 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

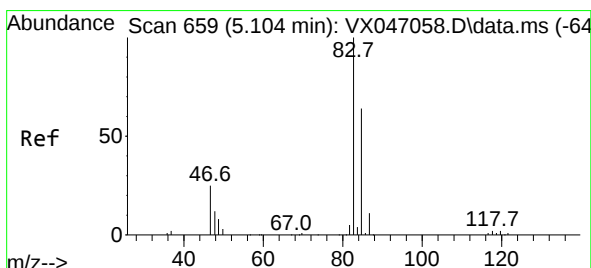
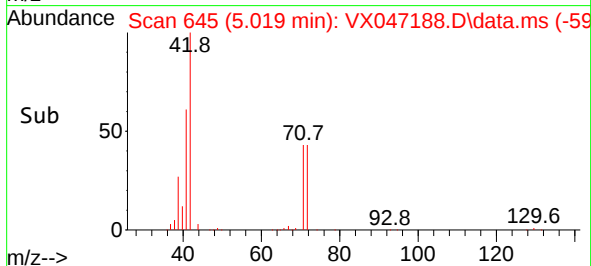
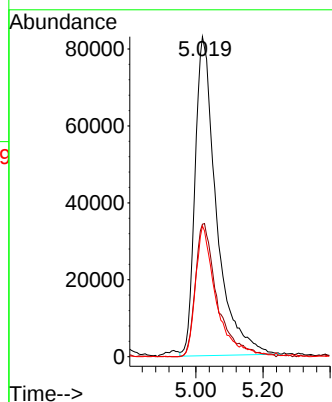
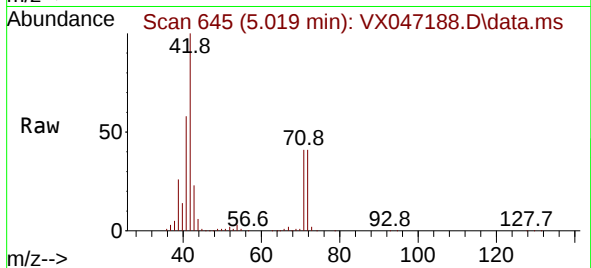
Tgt Ion: 42 Resp: 366594
 Ion Ratio Lower Upper
 42 100
 72 43.1 33.7 50.5
 71 39.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#30

Chloroform

Concen: 51.154 ug/l

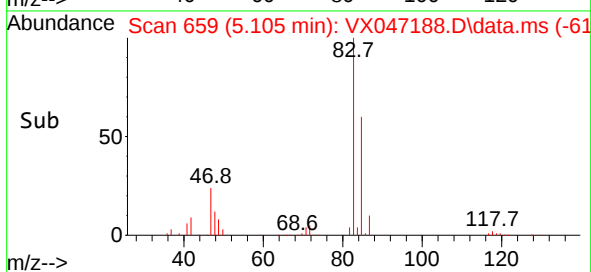
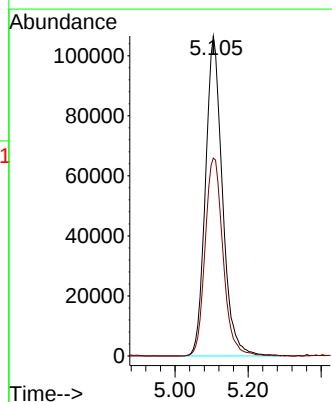
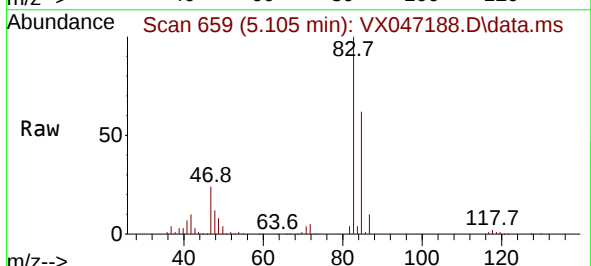
RT: 5.105 min Scan# 659

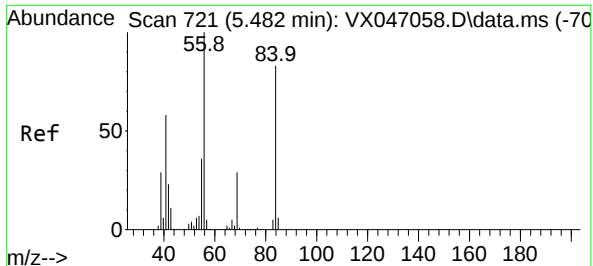
Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

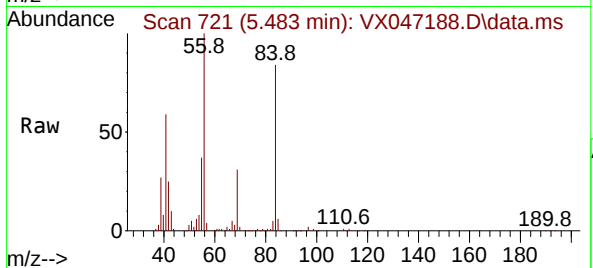
Tgt Ion: 83 Resp: 342803
 Ion Ratio Lower Upper
 83 100
 85 61.9 50.9 76.3





#31
Cyclohexane
Concen: 47.994 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

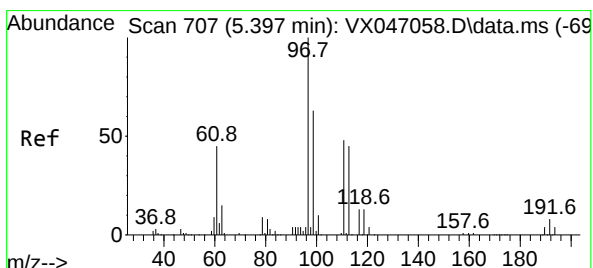
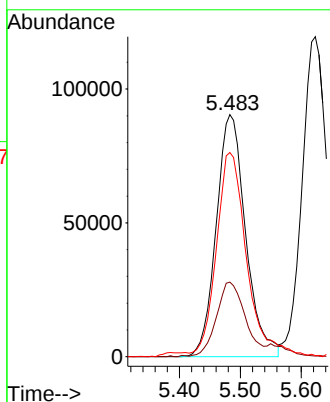
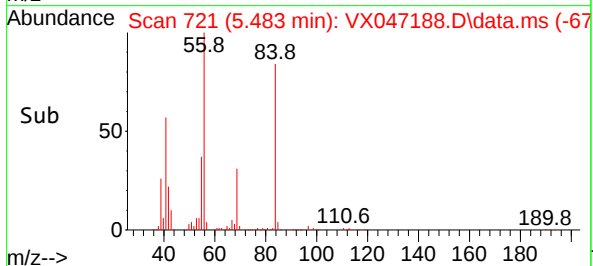
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 302958
Ion Ratio Lower Upper
56 100
69 30.3 23.3 34.9
84 82.7 66.5 99.7

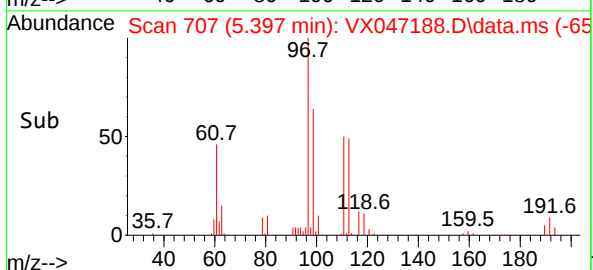
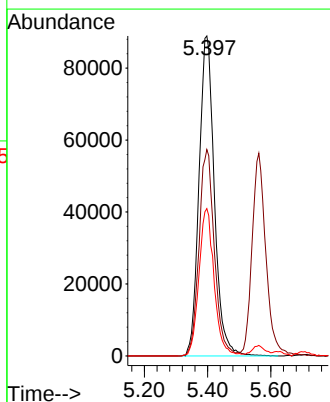
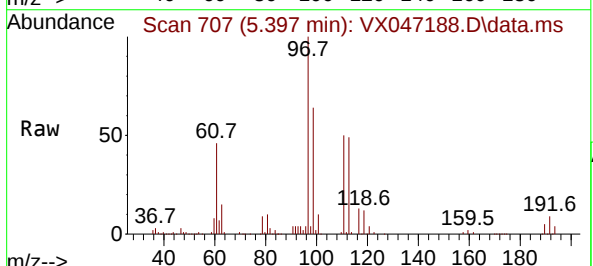
Manual Integrations
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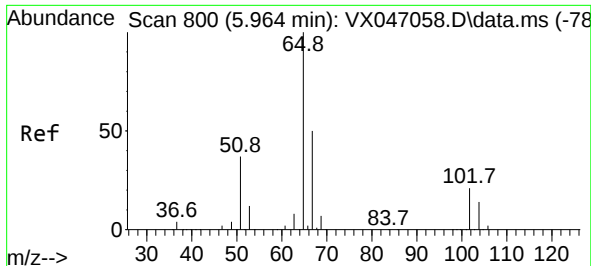
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#32
1,1,1-Trichloroethane
Concen: 51.603 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

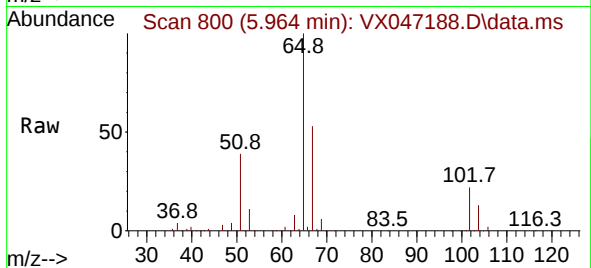
Tgt Ion: 97 Resp: 300364
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 45.6 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 48.079 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

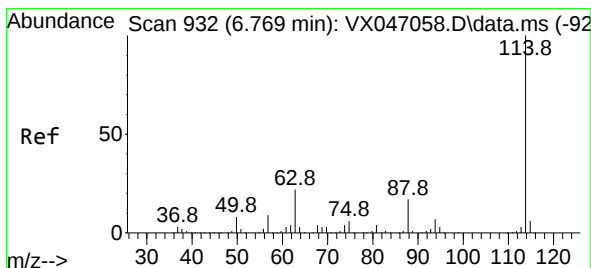
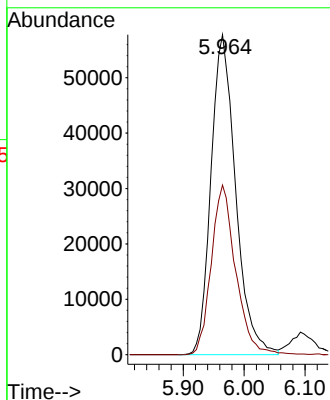
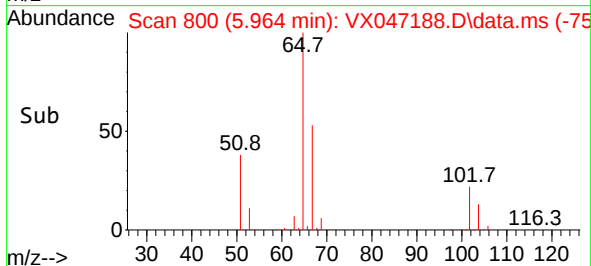
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



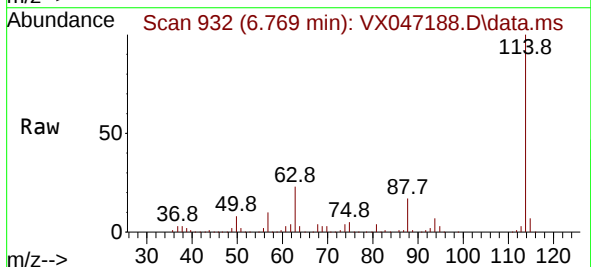
Tgt Ion: 65 Resp: 16234
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

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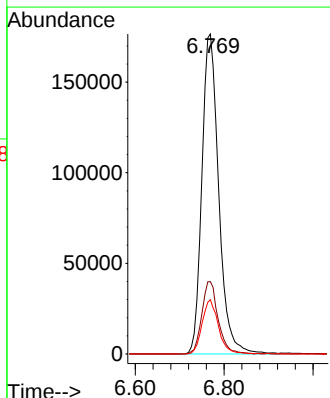
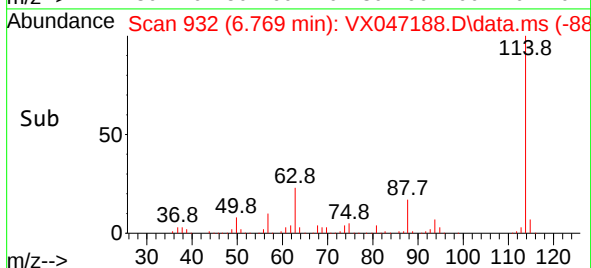
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

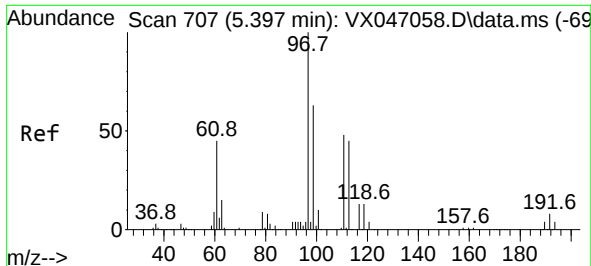


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



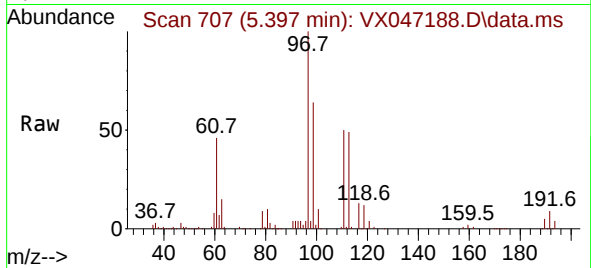
Tgt Ion:114 Resp: 466271
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.2
88 17.0 0.0 33.8





#35
Dibromofluoromethane
Concen: 48.480 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

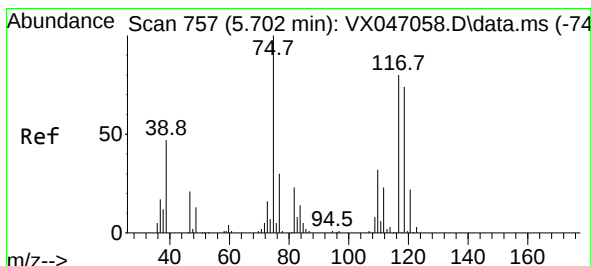
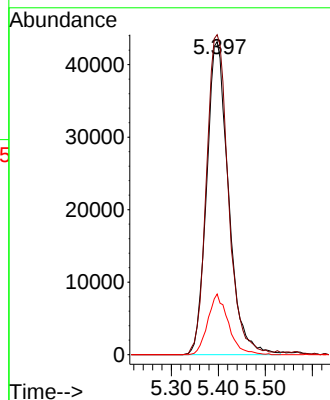
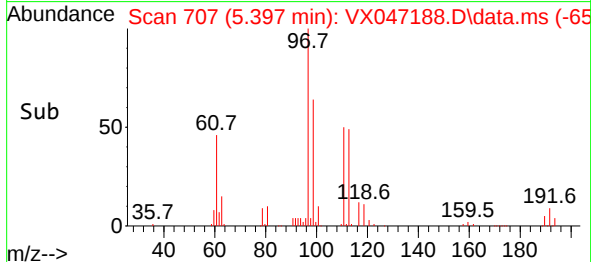
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 139569
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.3 14.9 22.3

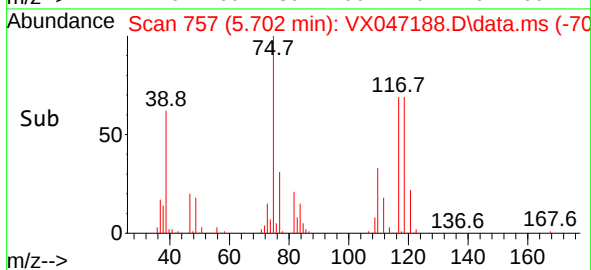
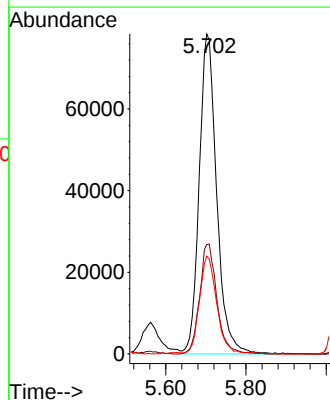
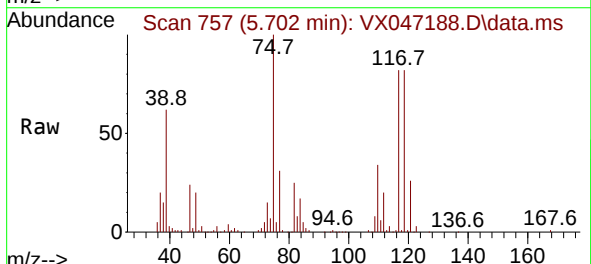
Manual Integrations
APPROVED

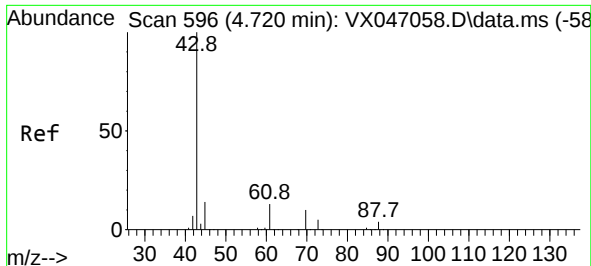
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#36
1,1-Dichloropropene
Concen: 48.294 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 75 Resp: 236997
Ion Ratio Lower Upper
75 100
110 33.9 17.2 51.5
77 30.1 25.1 37.7





#37

Ethyl Acetate

Concen: 57.909 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

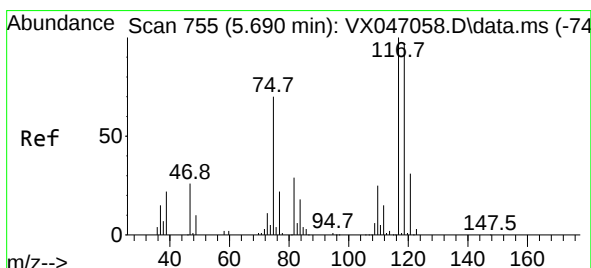
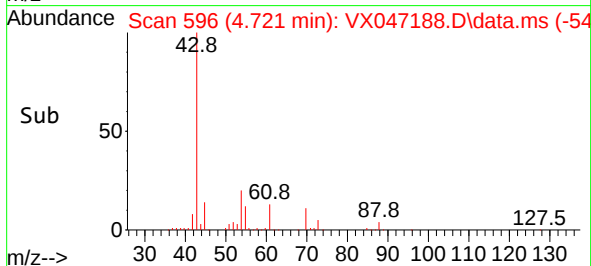
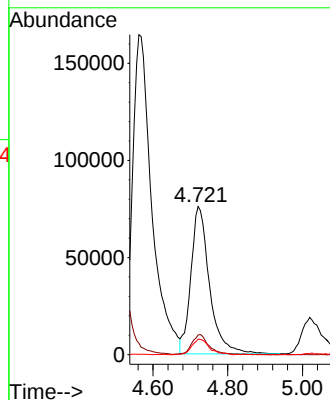
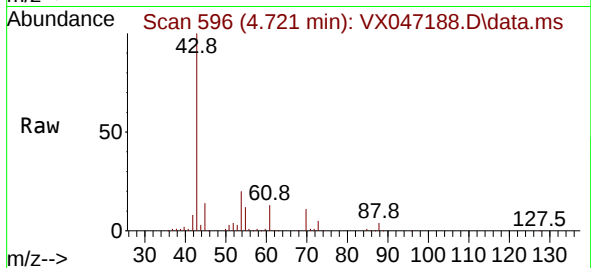
Tgt Ion: 43 Resp: 261858
 Ion Ratio Lower Upper
 43 100
 61 12.3 10.2 15.2
 70 9.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#38

Carbon Tetrachloride

Concen: 49.390 ug/l

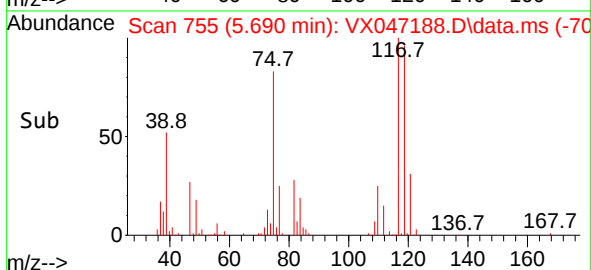
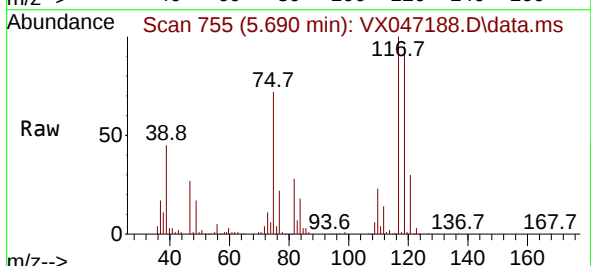
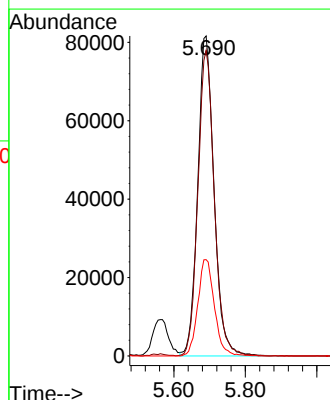
RT: 5.690 min Scan# 755

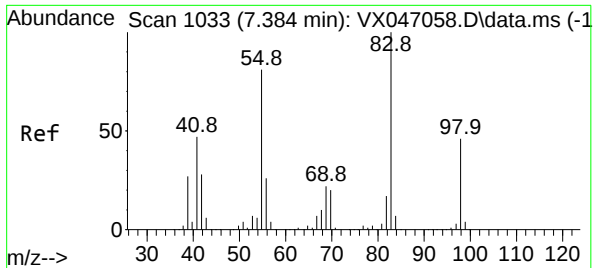
Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Tgt Ion:117 Resp: 258693
 Ion Ratio Lower Upper
 117 100
 119 95.4 76.6 115.0
 121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 48.067 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 29451

Ion Ratio Lower Upper

83 100

55 78.8 64.5 96.7

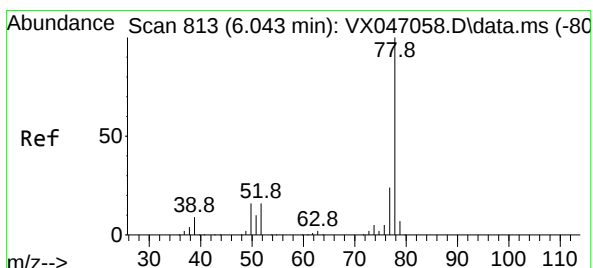
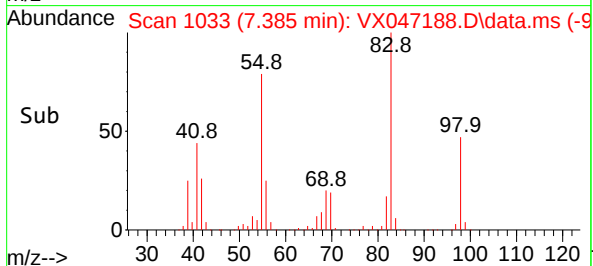
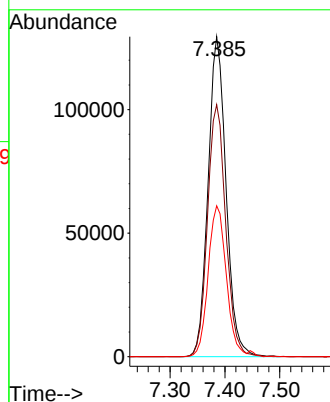
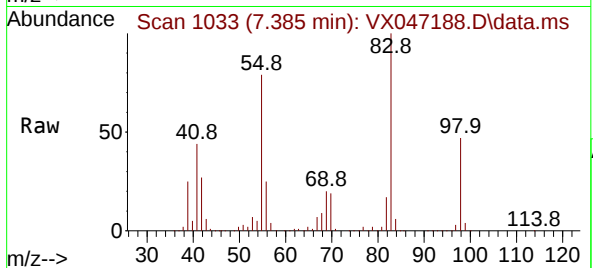
98 47.2 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#40

Benzene

Concen: 50.064 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX047188.D

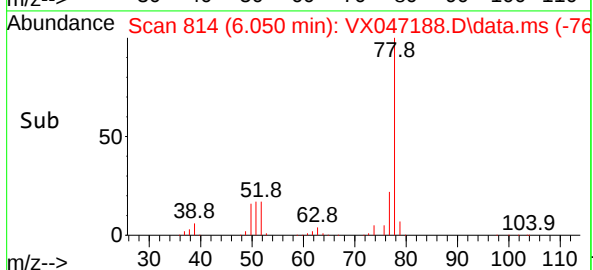
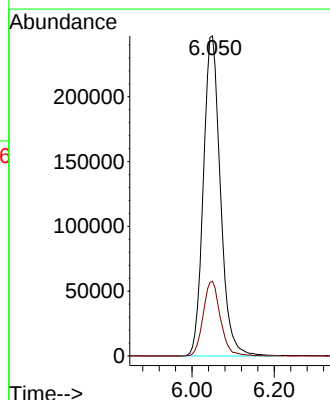
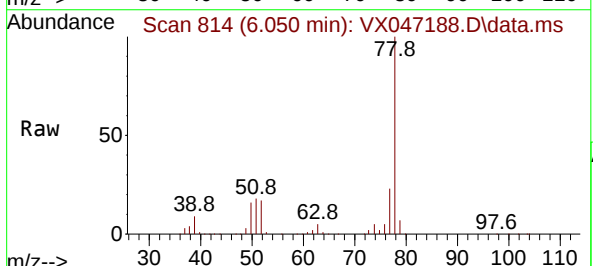
Acq: 30 Jul 2025 16:32

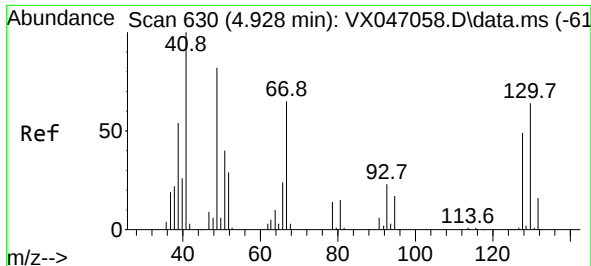
Tgt Ion: 78 Resp: 711004

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4





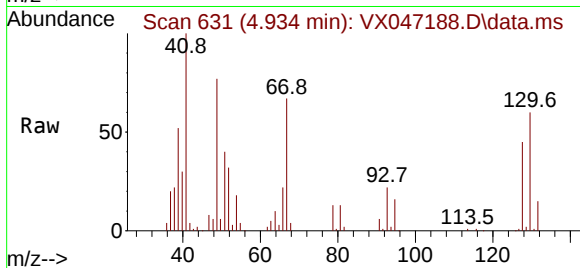
#41
Methacrylonitrile
Concen: 52.062 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



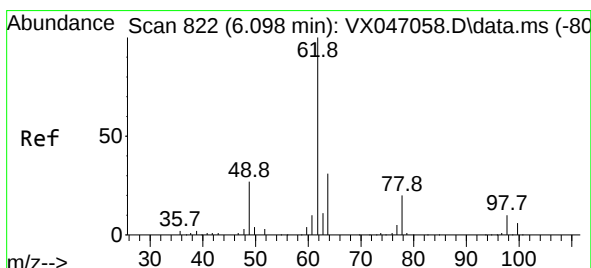
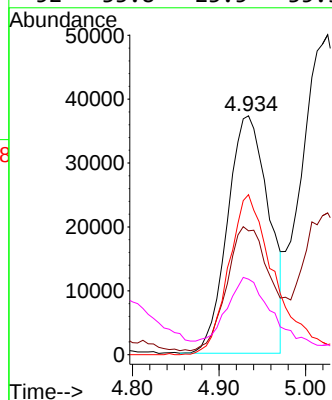
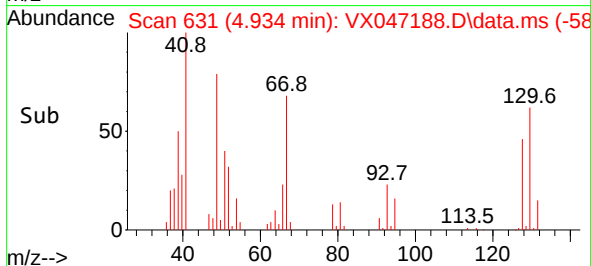
Tgt Ion: 41 Resp: 12309
Ion Ratio Lower Upper
41 100
39 57.9 44.2 66.2
67 77.0 56.4 84.6
52 33.8 23.5 35.3

Manual Integrations

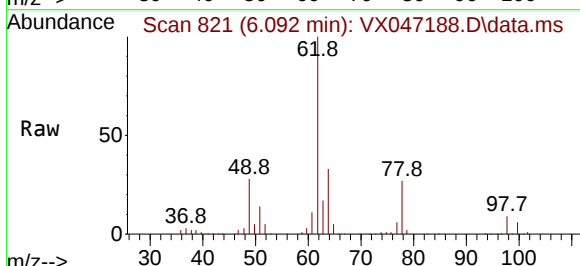
APPROVED

Reviewed By :John Carlone 07/31/2025

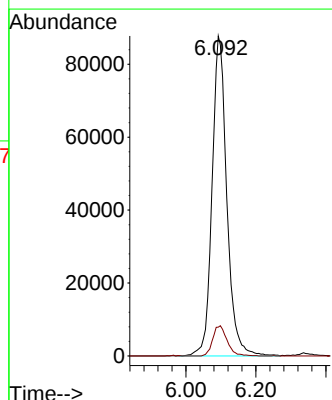
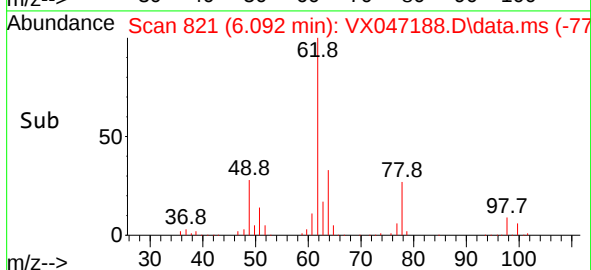
Supervised By :Mahesh Dadoda 07/31/2025

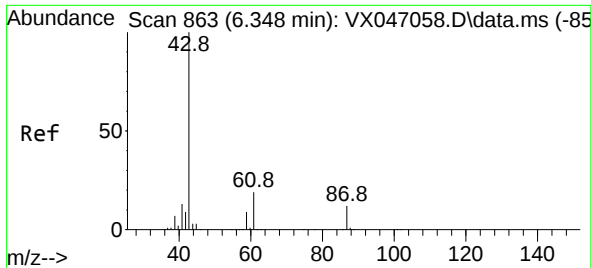


#42
1,2-Dichloroethane
Concen: 51.421 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



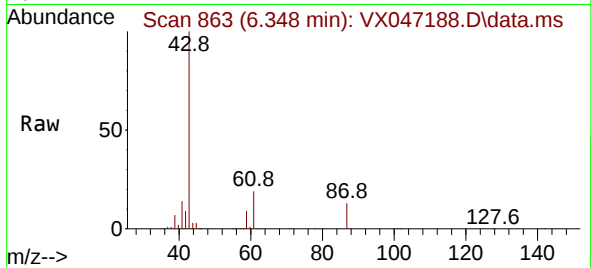
Tgt Ion: 62 Resp: 257246
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.8





#43
Isopropyl Acetate
Concen: 58.786 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

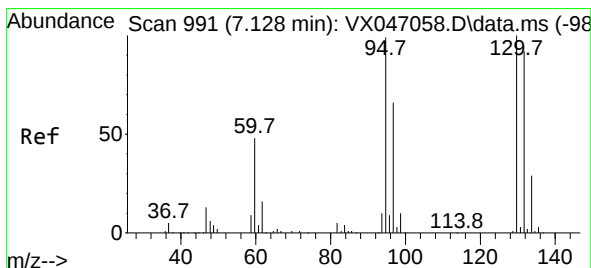
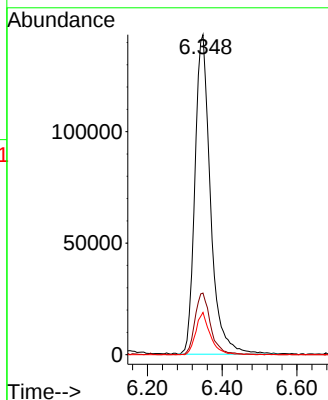
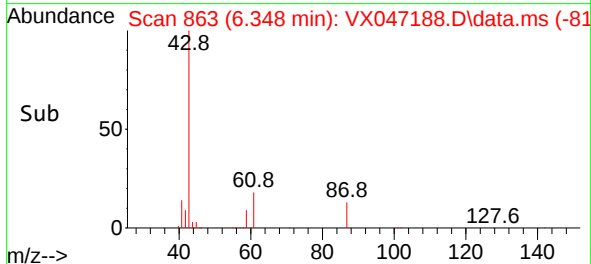
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 414414
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7
87 12.2 9.7 14.5

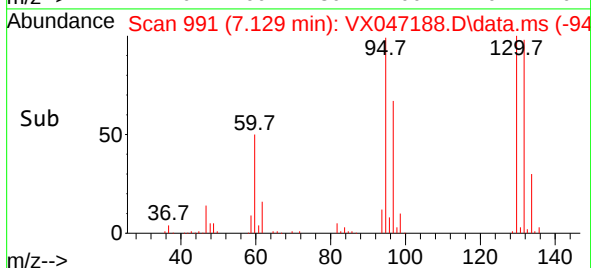
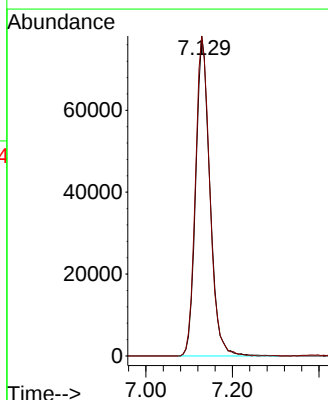
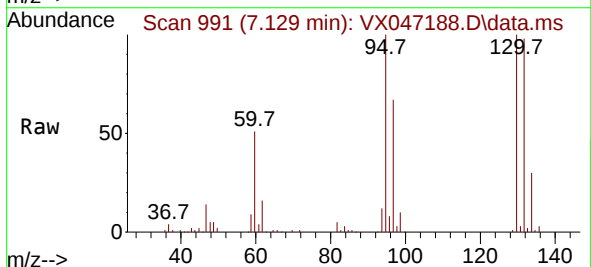
Manual Integrations
APPROVED

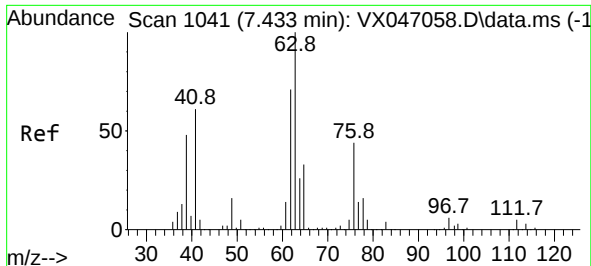
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#44
Trichloroethene
Concen: 48.558 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

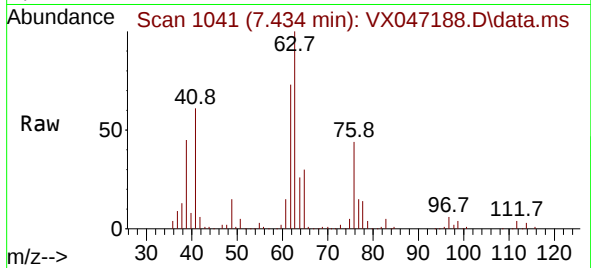
Tgt Ion:130 Resp: 176841
Ion Ratio Lower Upper
130 100
95 99.9 0.0 198.6





#45
1,2-Dichloropropane
Concen: 50.595 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

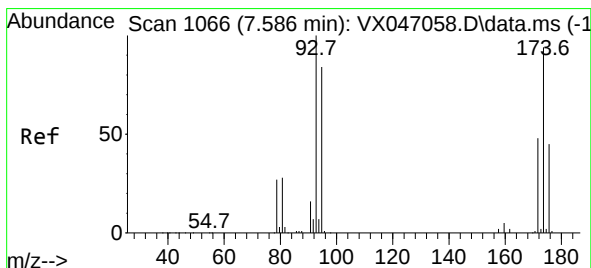
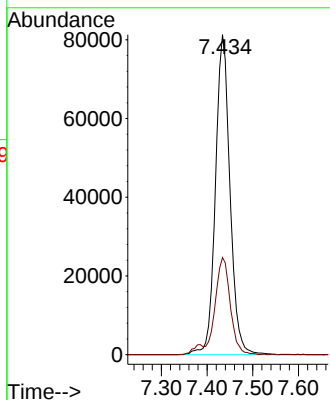
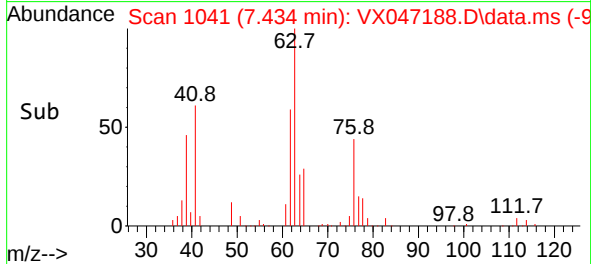
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 179960
Ion Ratio Lower Upper
63 100
65 30.4 26.3 39.5

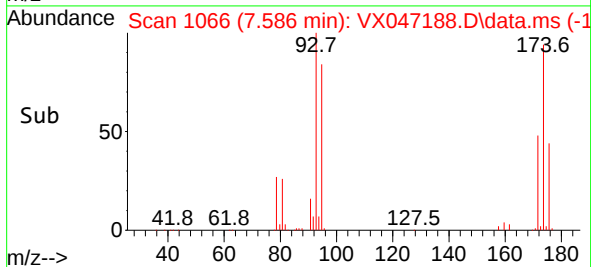
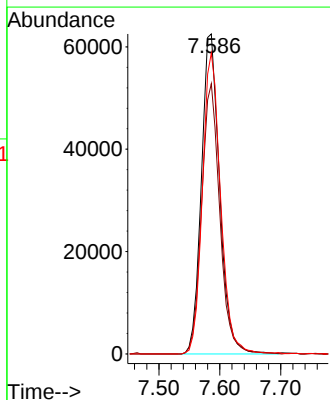
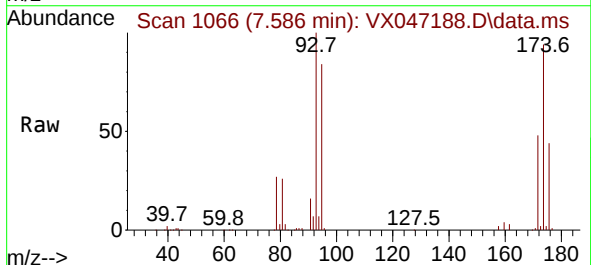
Manual Integrations
APPROVED

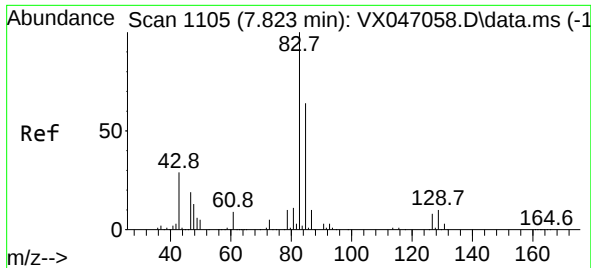
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#46
Dibromomethane
Concen: 52.178 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

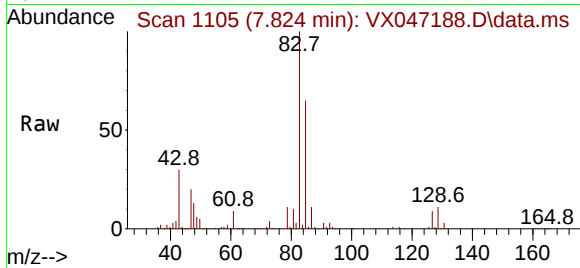
Tgt Ion: 93 Resp: 130150
Ion Ratio Lower Upper
93 100
95 84.1 65.9 98.9
174 93.6 74.6 112.0





#47
Bromodichloromethane
Concen: 51.303 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

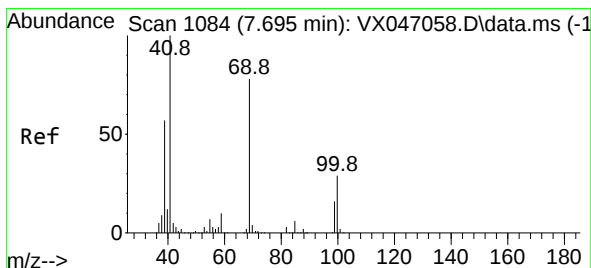
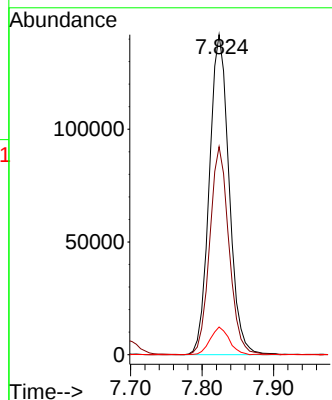
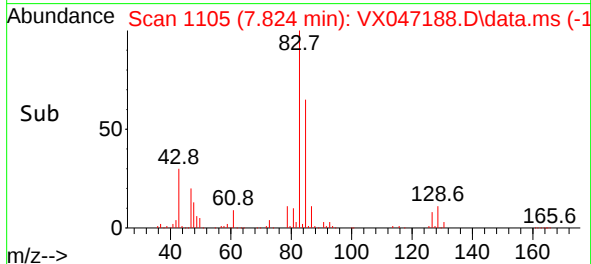
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 27238
Ion Ratio Lower Upper
83 100
85 64.9 49.9 74.9
127 8.7 6.6 10.0

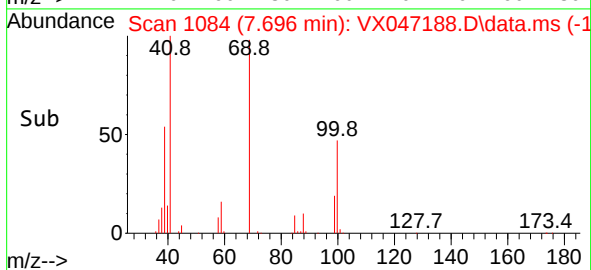
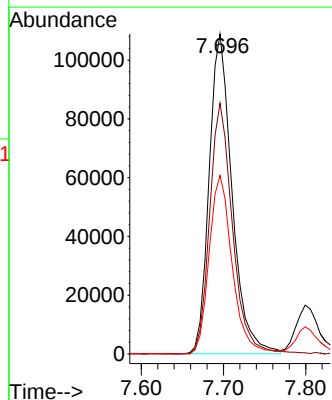
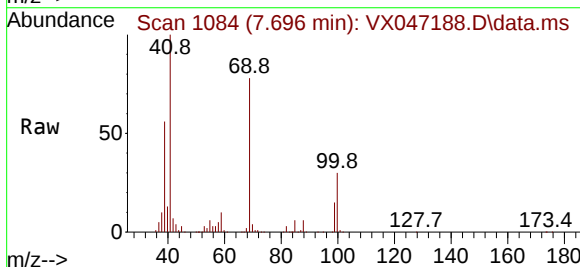
Manual Integrations
APPROVED

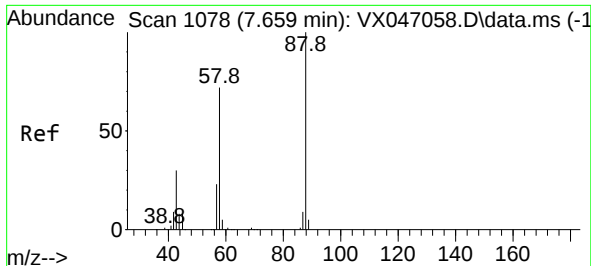
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#48
Methyl methacrylate
Concen: 54.874 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 41 Resp: 210735
Ion Ratio Lower Upper
41 100
69 78.4 62.3 93.5
39 56.0 44.8 67.2





#49

1,4-Dioxane

Concen: 1176.839 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.061 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

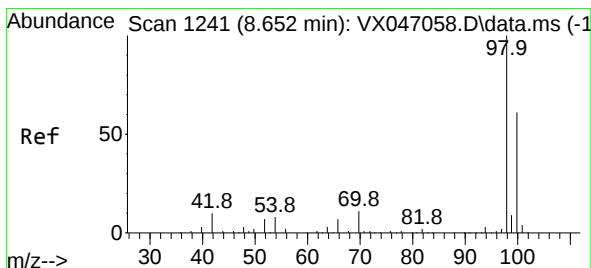
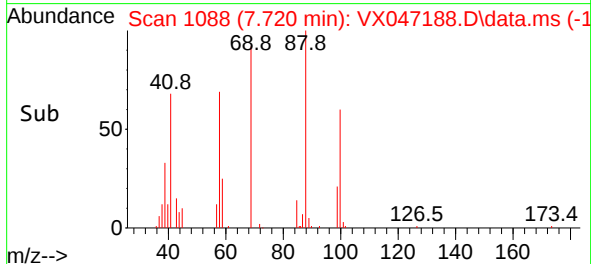
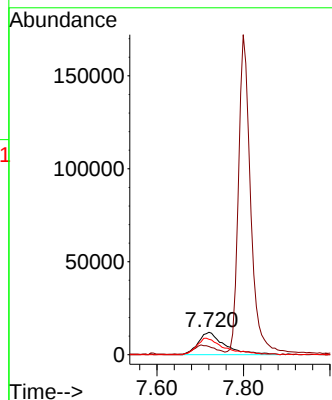
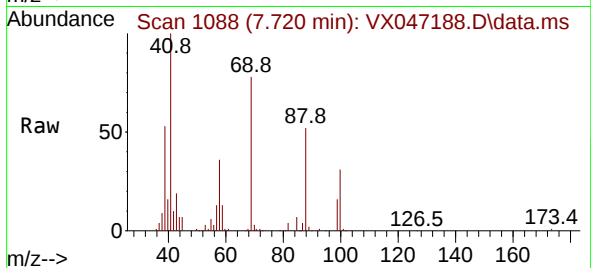
Tgt Ion: 88 Resp: 51400
 Ion Ratio Lower Upper
 88 100
 43 31.9 33.6 50.4
 58 75.6 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#50

Toluene-d8

Concen: 45.378 ug/l

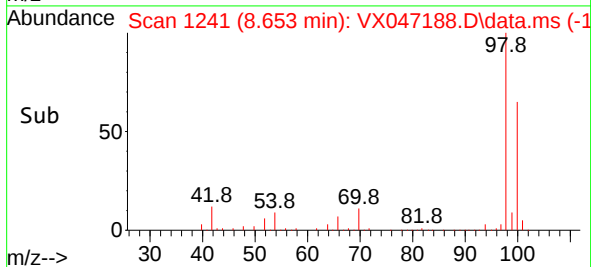
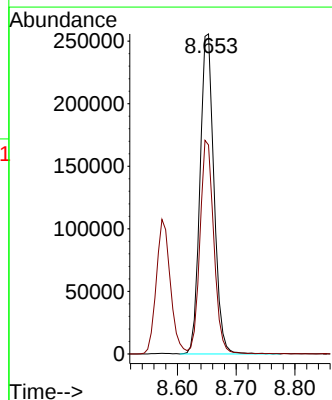
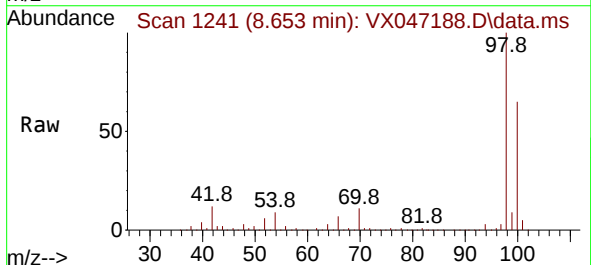
RT: 8.653 min Scan# 1241

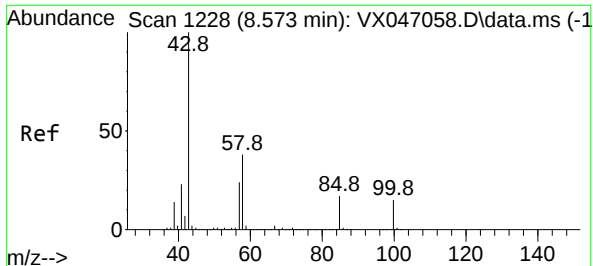
Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

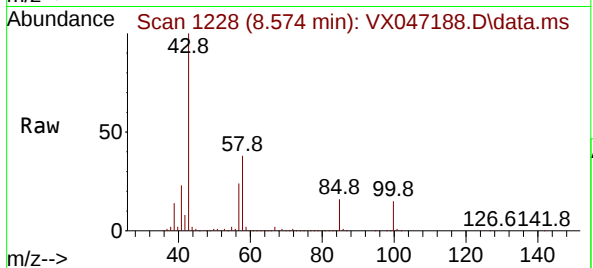
Tgt Ion: 98 Resp: 423068
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 290.793 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

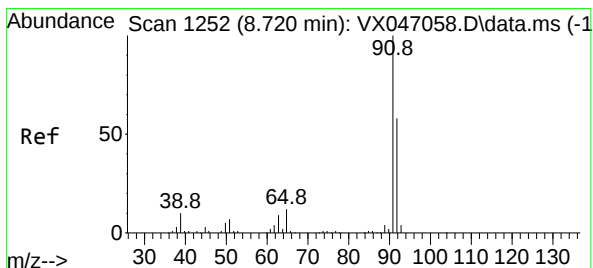
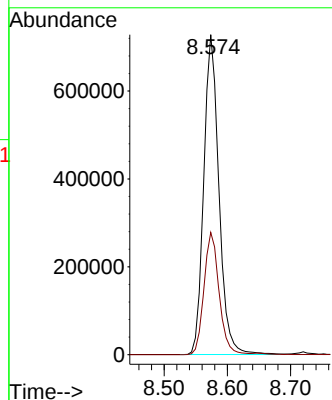
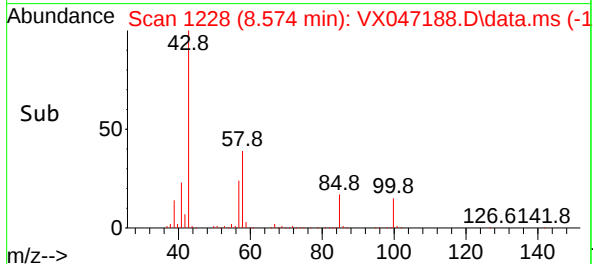
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 121846
Ion Ratio Lower Upper
43 100
58 38.0 30.6 45.8

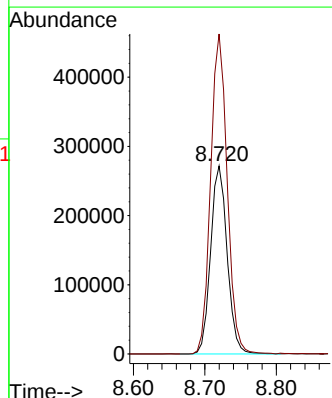
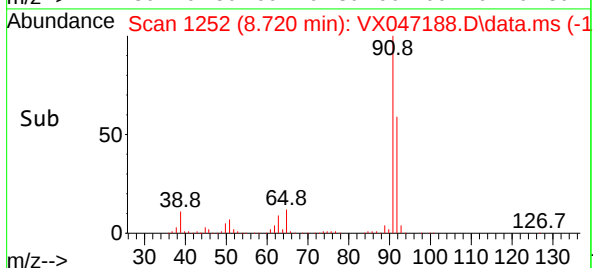
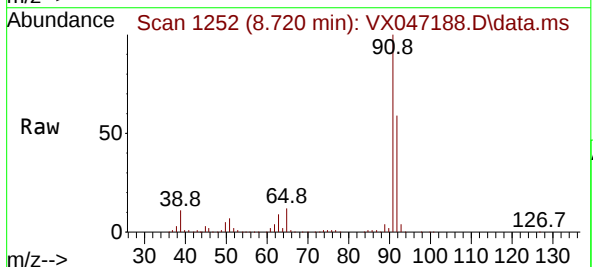
Manual Integrations
APPROVED

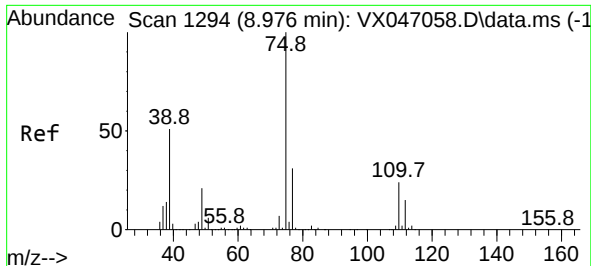
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#52
Toluene
Concen: 50.009 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 92 Resp: 436703
Ion Ratio Lower Upper
92 100
91 170.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 50.152 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 251440

Ion Ratio Lower Upper

75 100

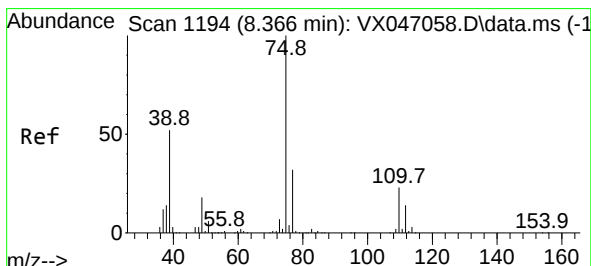
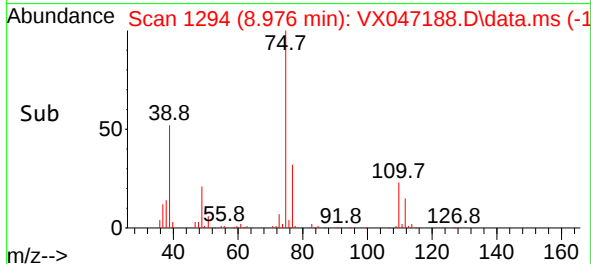
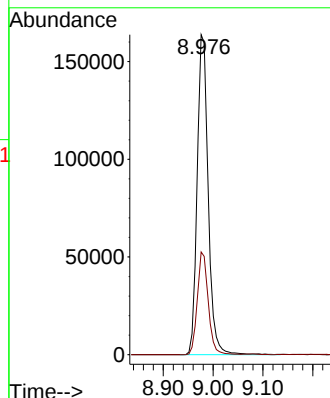
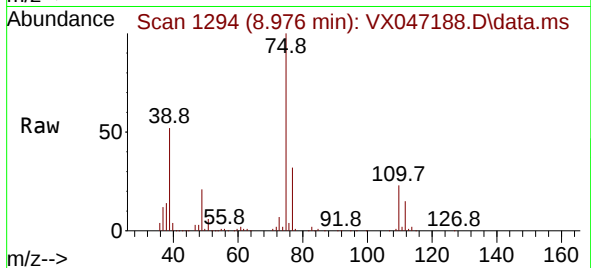
77 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#54

cis-1,3-Dichloropropene

Concen: 49.988 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

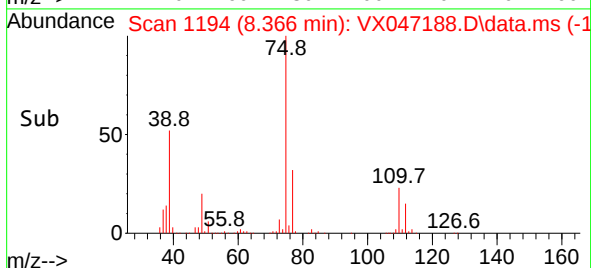
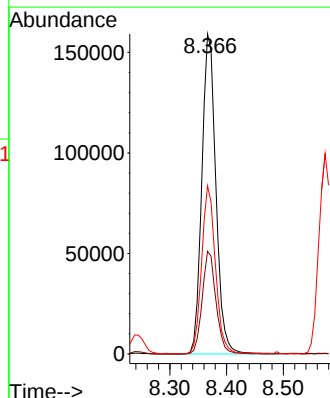
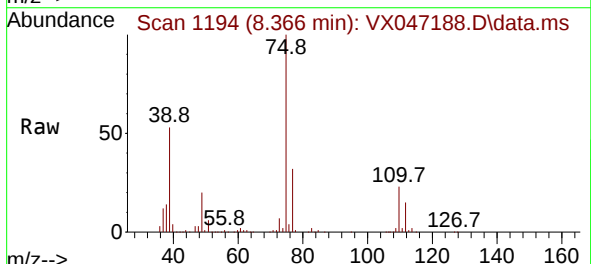
Tgt Ion: 75 Resp: 274295

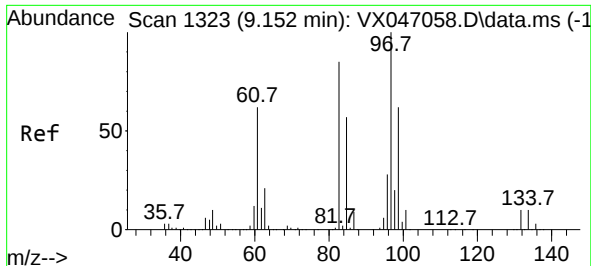
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

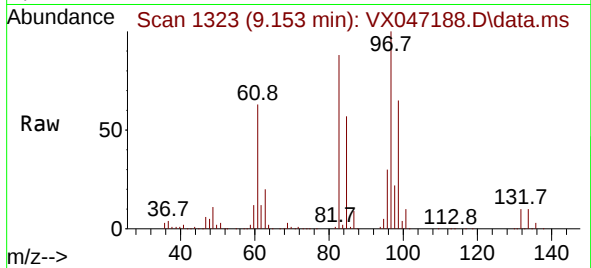
39 52.5 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 52.064 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

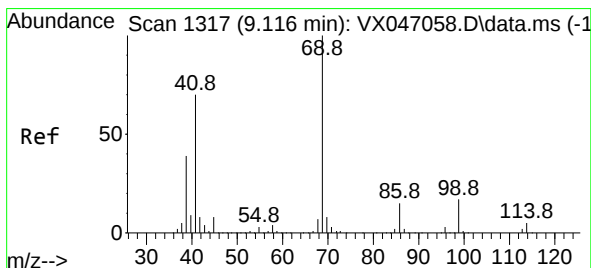
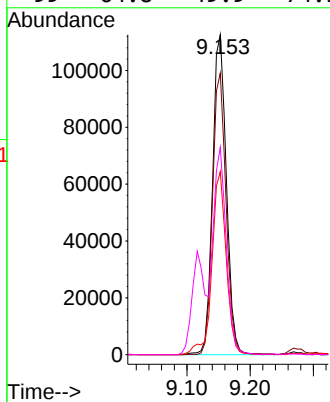
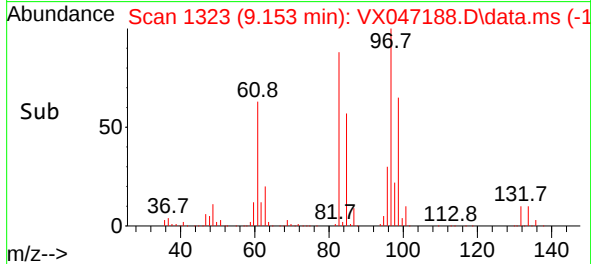
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



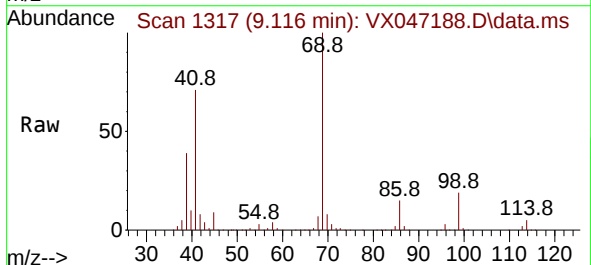
Tgt Ion: 97 Resp: 170504
Ion Ratio Lower Upper
97 100
83 88.0 68.0 102.0
85 57.2 45.2 67.8
99 64.8 49.9 74.9

Manual Integrations
APPROVED

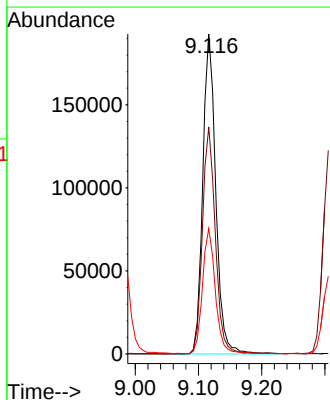
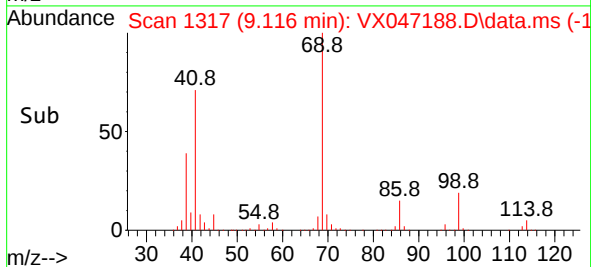
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

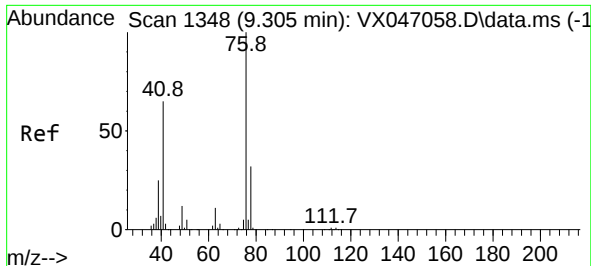


#56
Ethyl methacrylate
Concen: 56.859 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



Tgt Ion: 69 Resp: 275666
Ion Ratio Lower Upper
69 100
41 70.9 56.1 84.1
39 39.3 31.1 46.7





#57

1,3-Dichloropropane

Concen: 50.857 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 28945

Ion Ratio Lower Upper

76 100

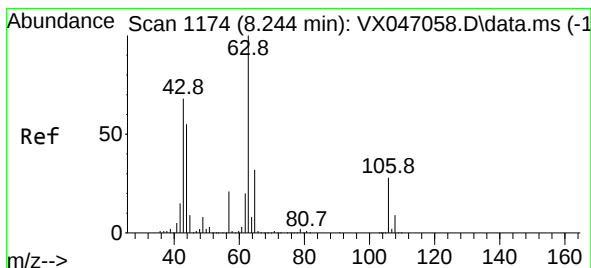
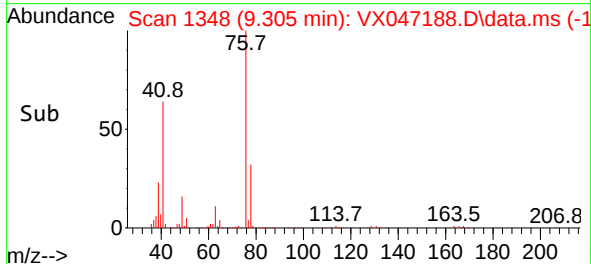
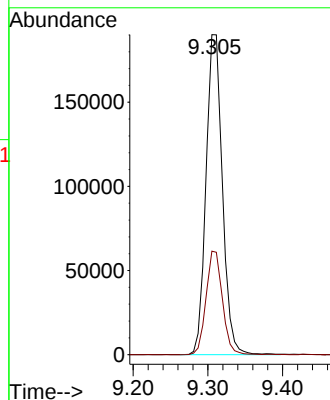
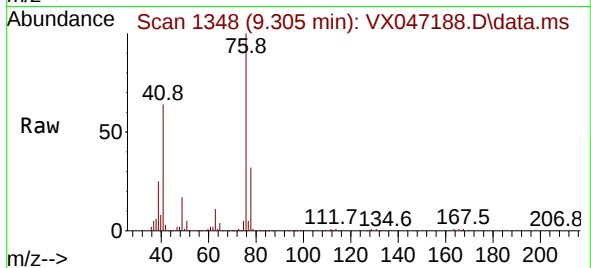
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#58

2-Chloroethyl Vinyl ether

Concen: 273.281 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047188.D

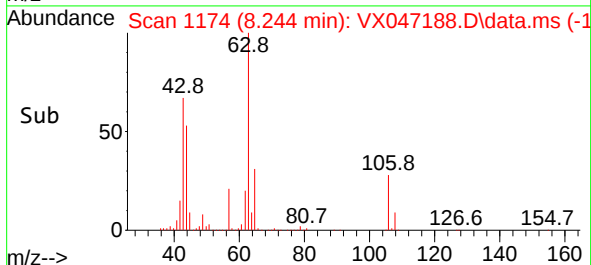
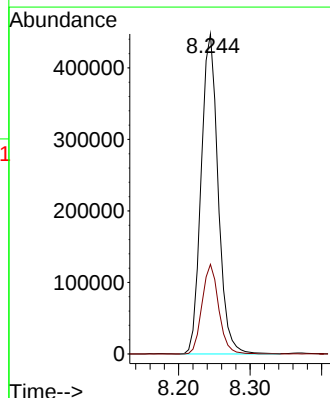
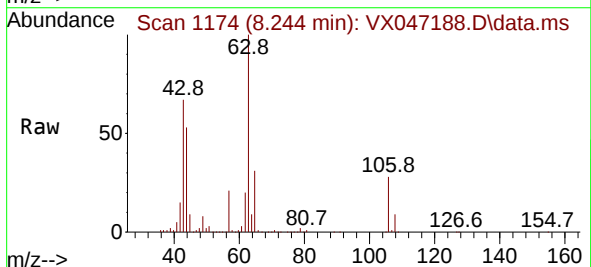
Acq: 30 Jul 2025 16:32

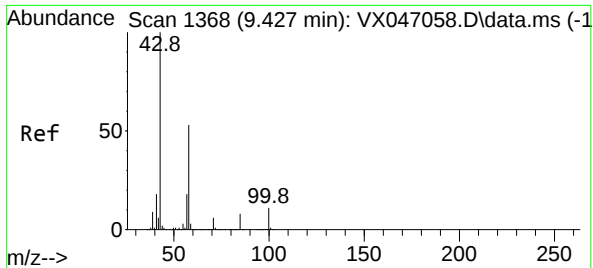
Tgt Ion: 63 Resp: 737278

Ion Ratio Lower Upper

63 100

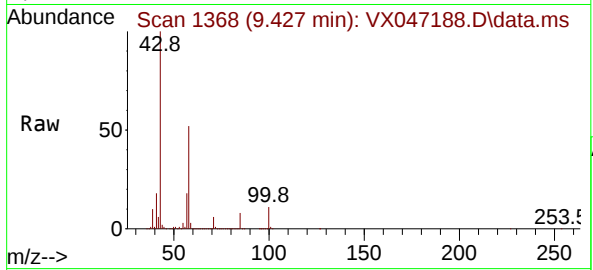
106 27.5 22.2 33.4





#59
2-Hexanone
Concen: 306.867 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

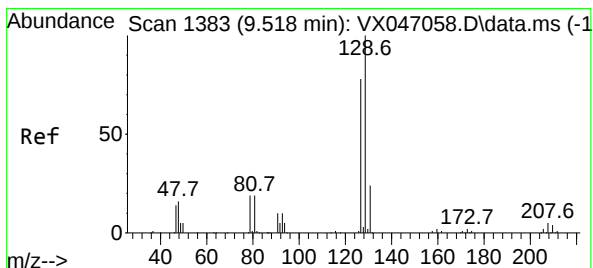
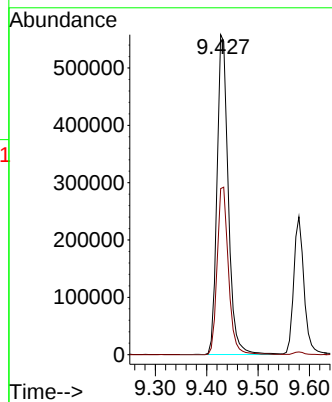
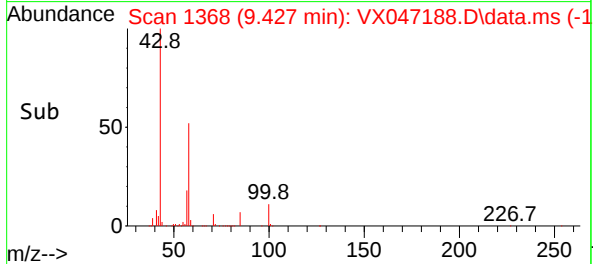
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 84951
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

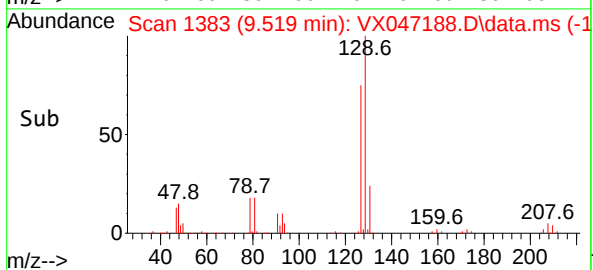
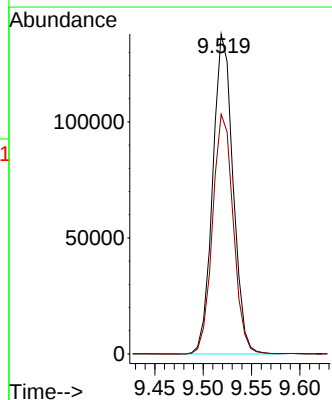
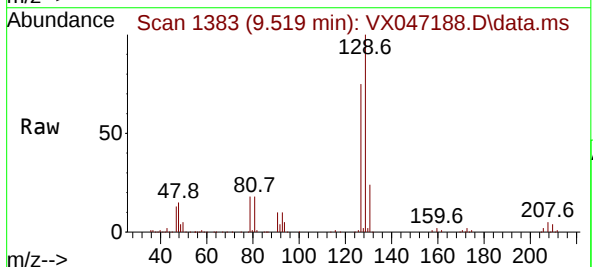
Manual Integrations
APPROVED

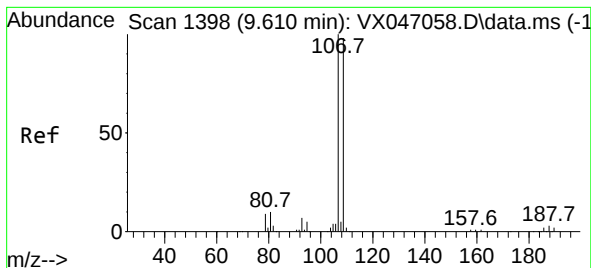
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#60
Dibromochloromethane
Concen: 52.356 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

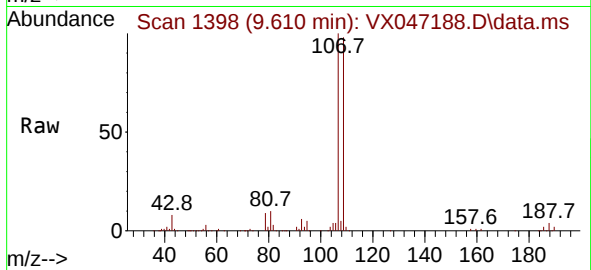
Tgt Ion:129 Resp: 201095
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.382 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

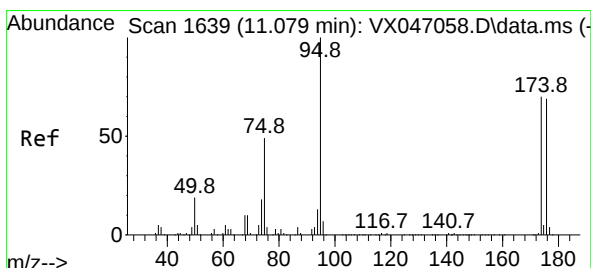
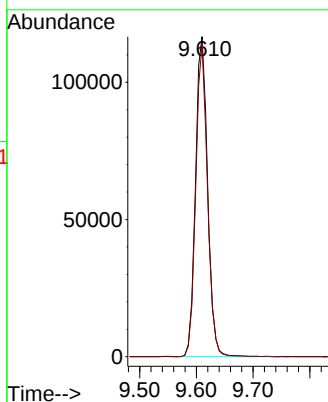
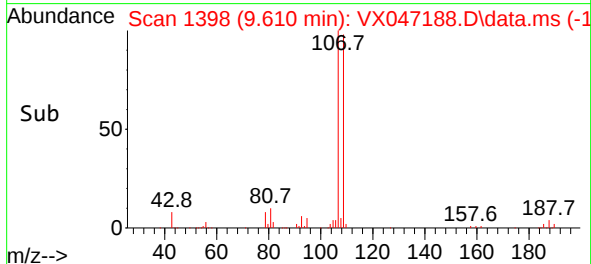
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



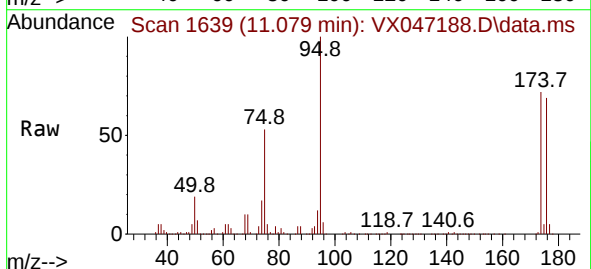
Tgt Ion:107 Resp: 172520
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0

Manual Integrations
APPROVED

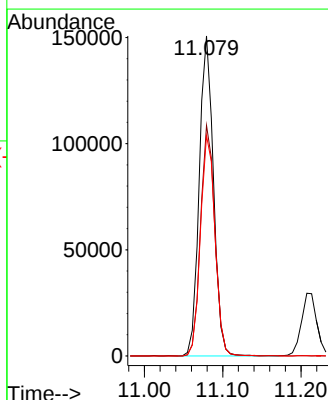
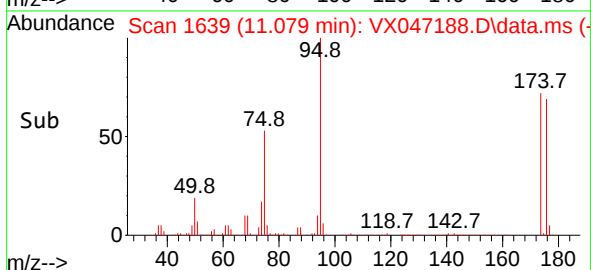
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

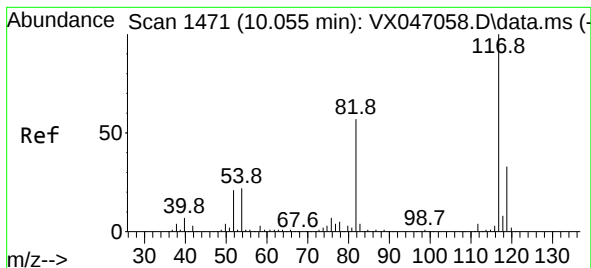


#62
4-Bromofluorobenzene
Concen: 47.185 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



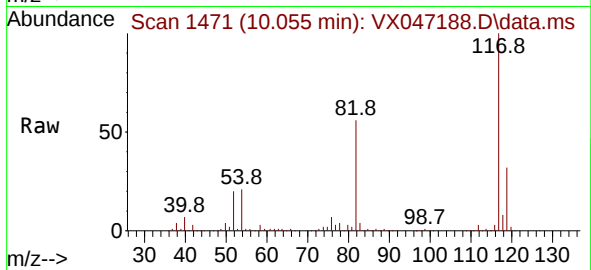
Tgt Ion: 95 Resp: 189579
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.6
176 70.7 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

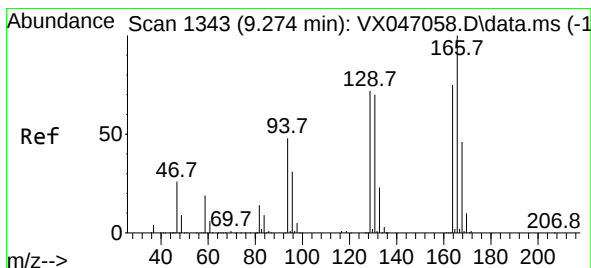
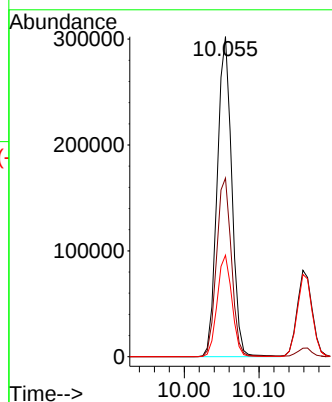
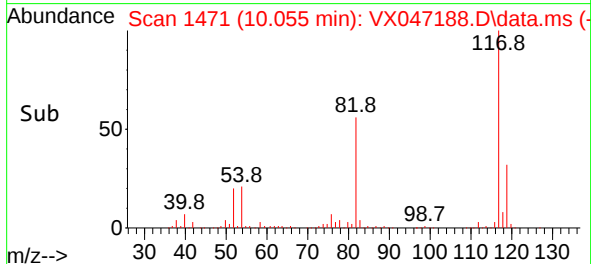
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 409029
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 31.7 26.1 39.1

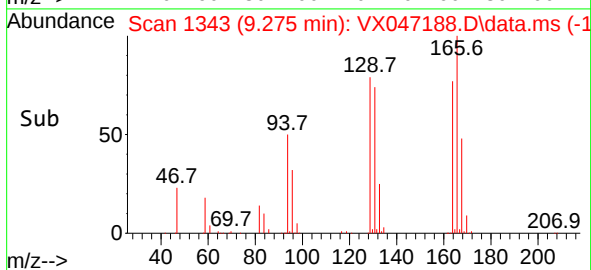
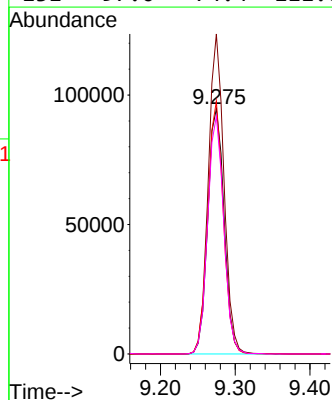
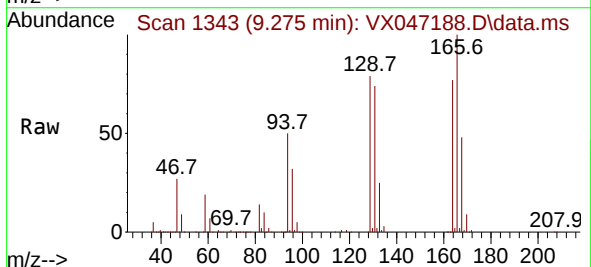
Manual Integrations
APPROVED

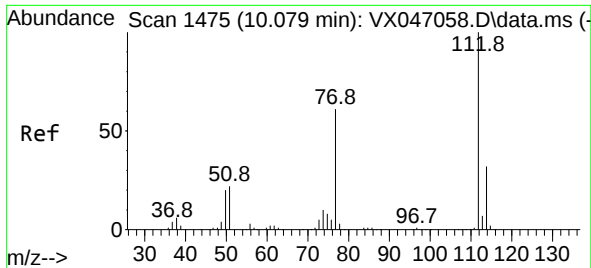
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#64
Tetrachloroethene
Concen: 48.659 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion:164 Resp: 143478
Ion Ratio Lower Upper
164 100
166 130.5 106.2 159.4
129 103.1 76.6 114.8
131 97.0 74.4 111.6





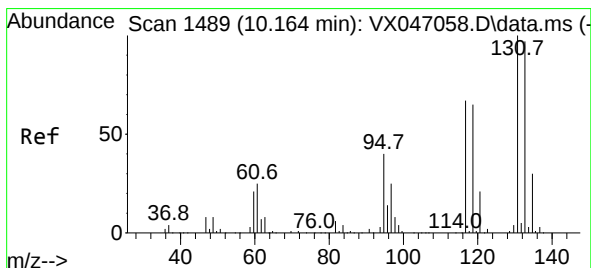
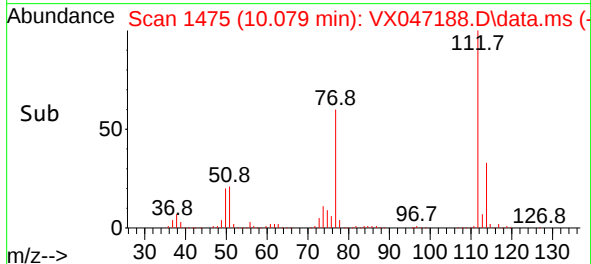
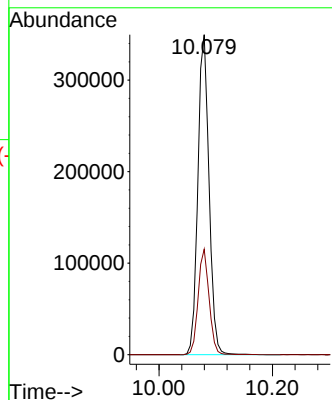
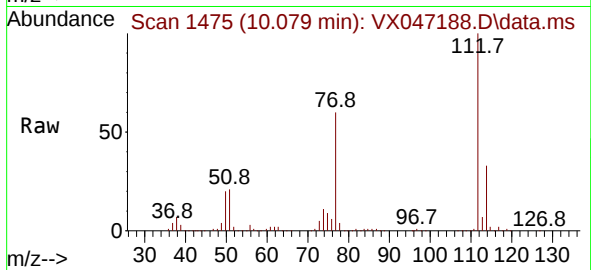
#65
Chlorobenzene
Concen: 49.720 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 47642
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6

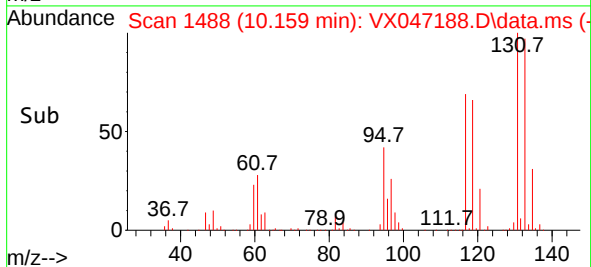
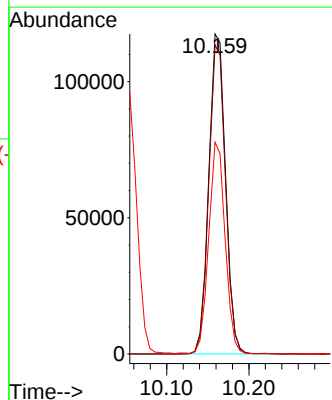
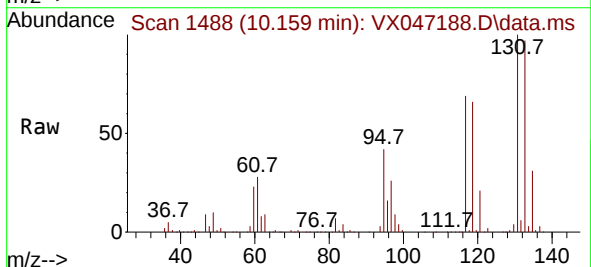
Manual Integrations
APPROVED

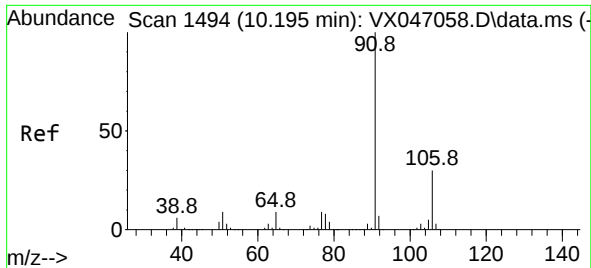
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.675 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

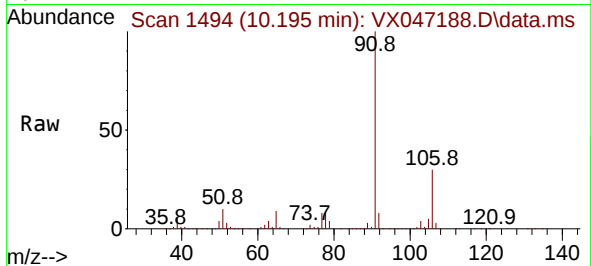
Tgt Ion:131 Resp: 166710
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.3
119 65.0 32.4 97.0





#67
Ethyl Benzene
Concen: 50.556 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

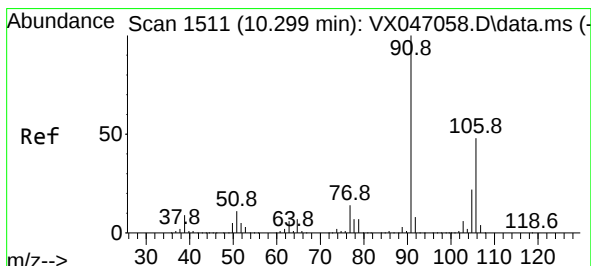
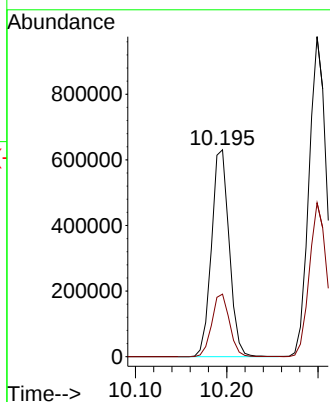
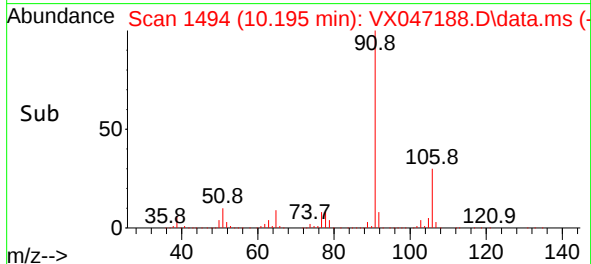
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



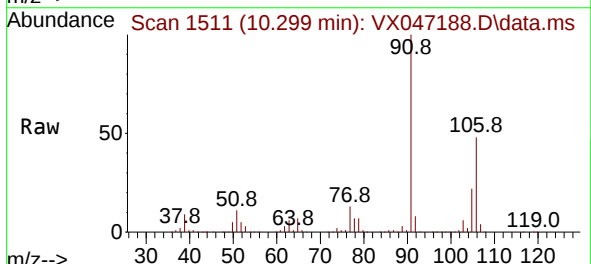
Tgt Ion: 91 Resp: 84702
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

Manual Integrations
APPROVED

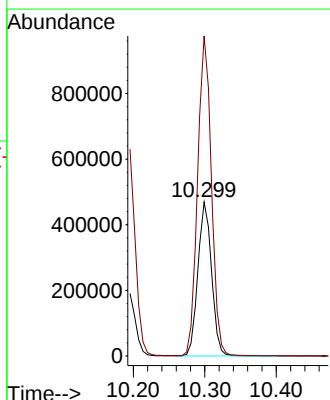
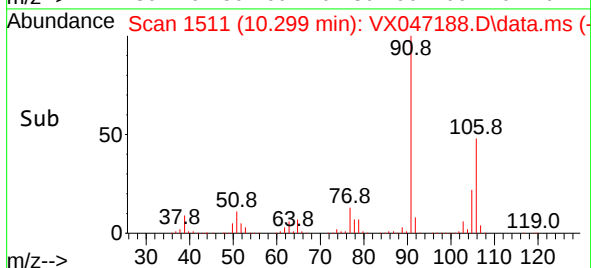
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

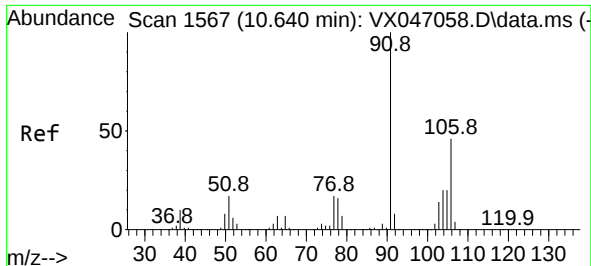


#68
m/p-Xylenes
Concen: 99.399 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



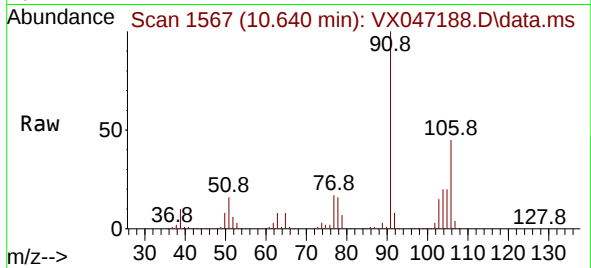
Tgt Ion:106 Resp: 623200
Ion Ratio Lower Upper
106 100
91 209.7 167.4 251.0





#69
o-Xylene
Concen: 51.088 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

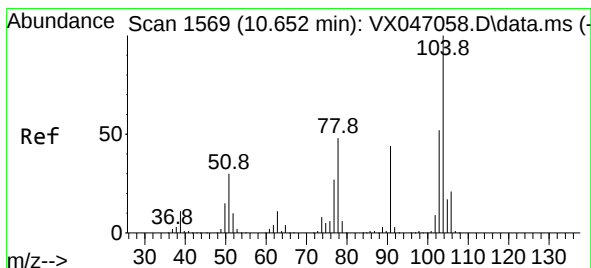
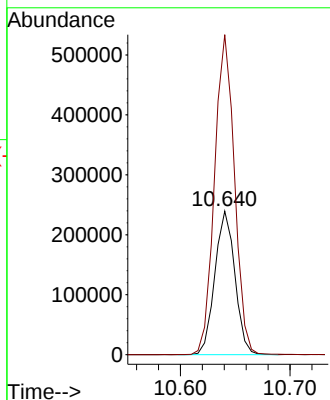
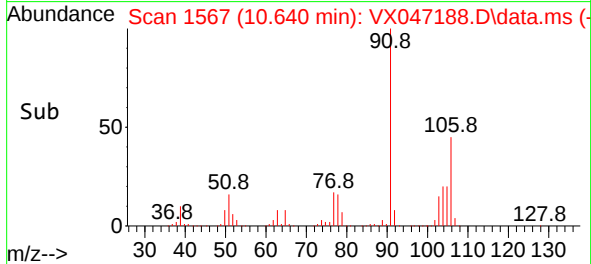
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 304711
Ion Ratio Lower Upper
106 100
91 222.3 110.3 331.0

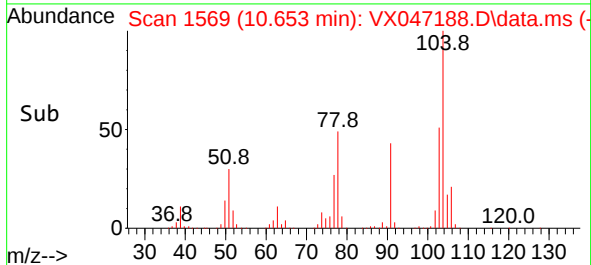
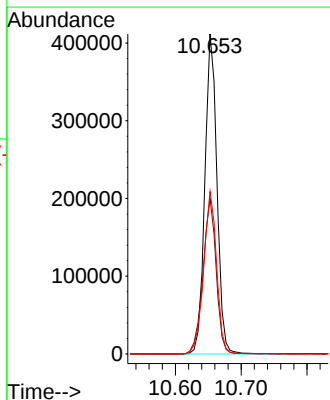
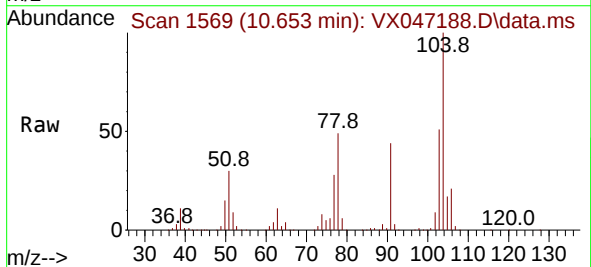
Manual Integrations
APPROVED

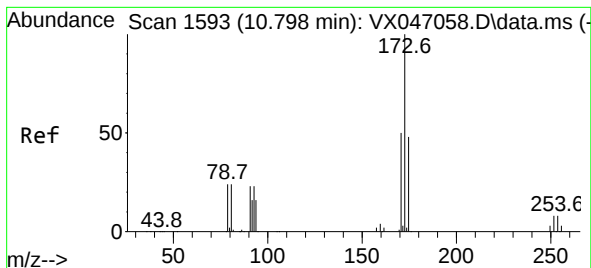
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#70
Styrene
Concen: 51.526 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

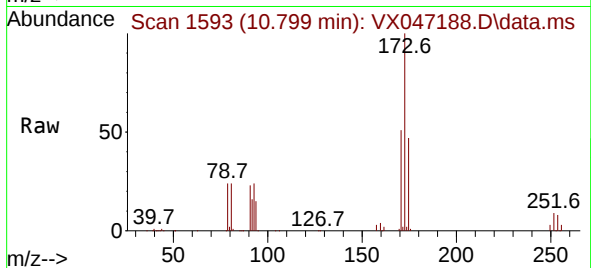
Tgt Ion:104 Resp: 526987
Ion Ratio Lower Upper
104 100
78 53.0 42.0 63.0
103 54.7 43.8 65.6





#71
Bromoform
Concen: 54.496 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

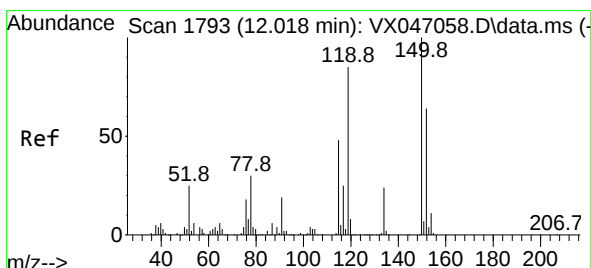
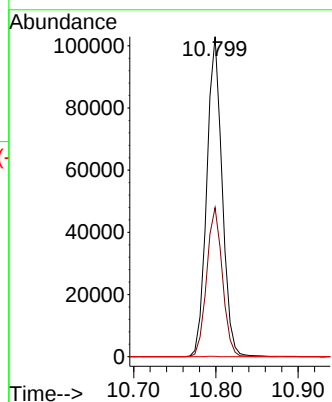
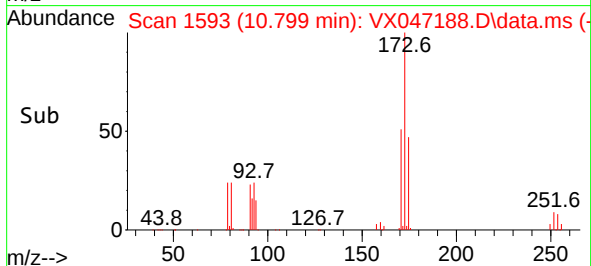
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



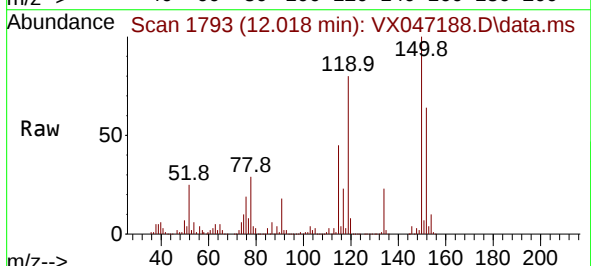
Tgt Ion:173 Resp: 133550
Ion Ratio Lower Upper
173 100
175 47.6 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

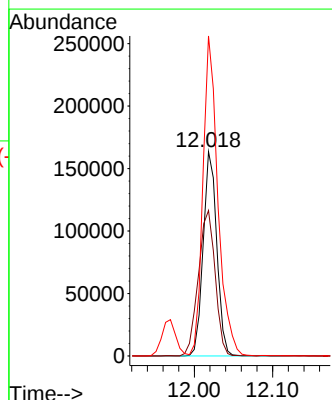
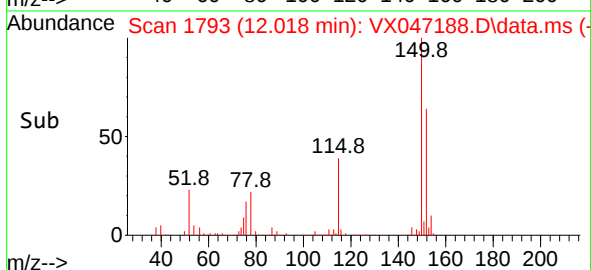
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

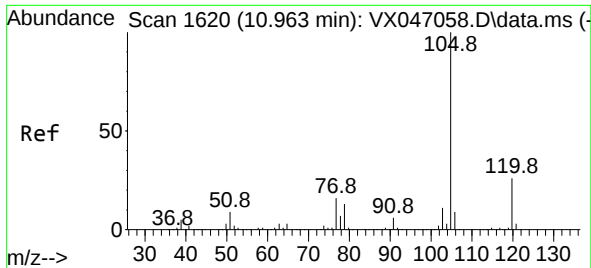


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



Tgt Ion:152 Resp: 197207
Ion Ratio Lower Upper
152 100
115 88.3 45.6 136.7
150 171.8 0.0 354.6





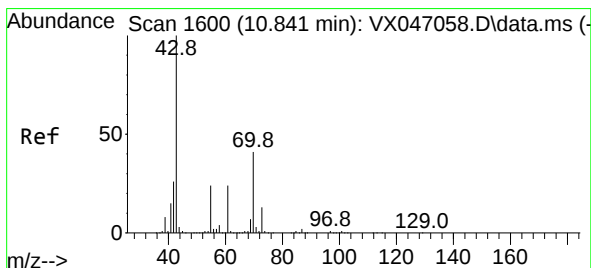
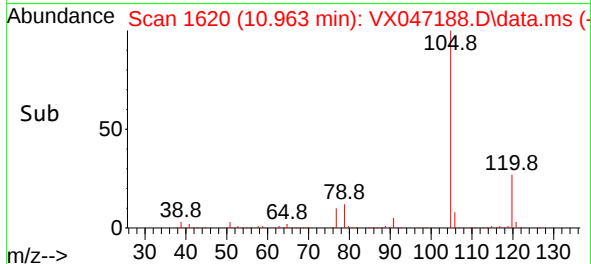
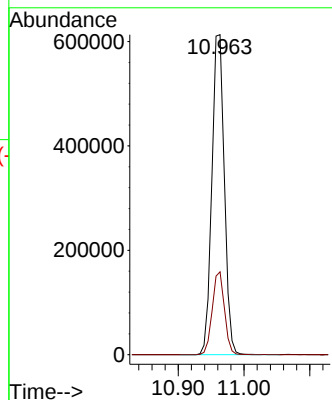
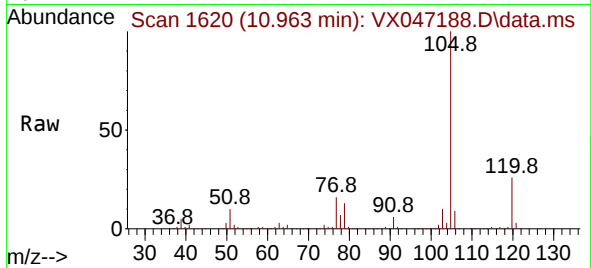
#73
Isopropylbenzene
Concen: 52.034 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 809560
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.7

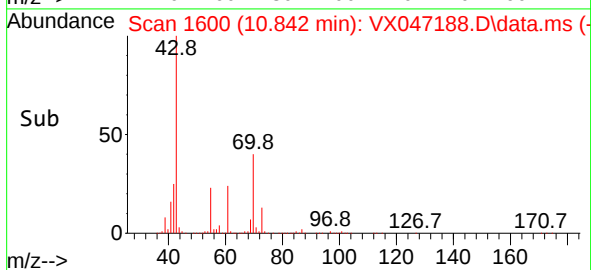
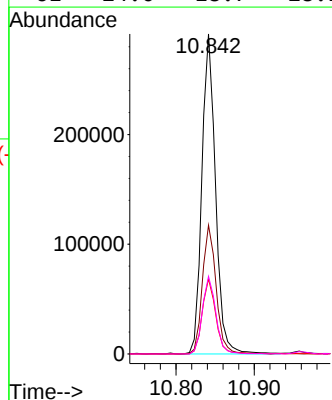
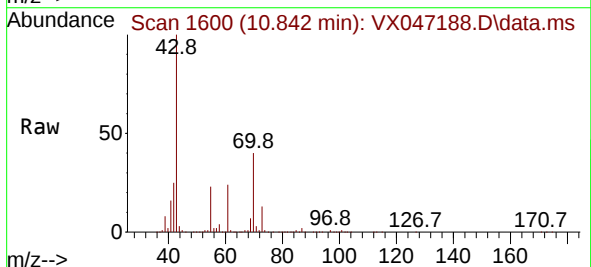
Manual Integrations
APPROVED

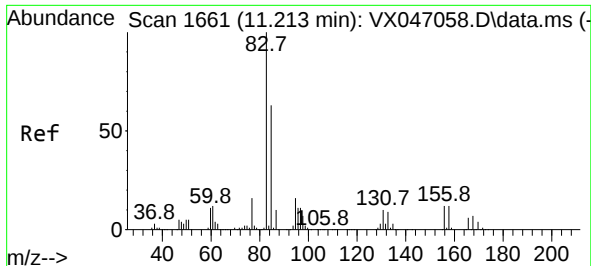
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#74
N-ethyl acetate
Concen: 56.186 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

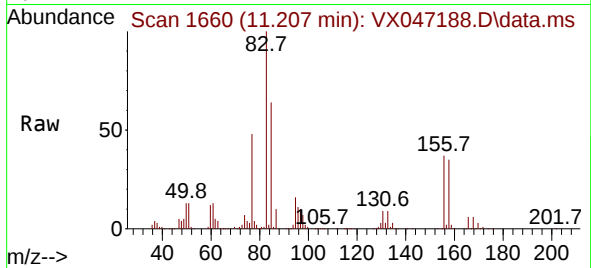
Tgt Ion: 43 Resp: 352710
Ion Ratio Lower Upper
43 100
70 40.6 32.3 48.5
55 23.4 18.9 28.3
61 24.0 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 55.164 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

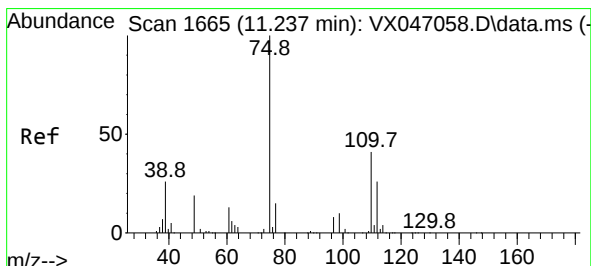
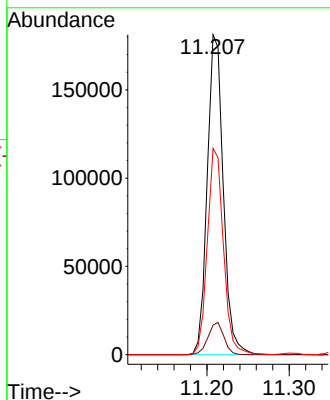
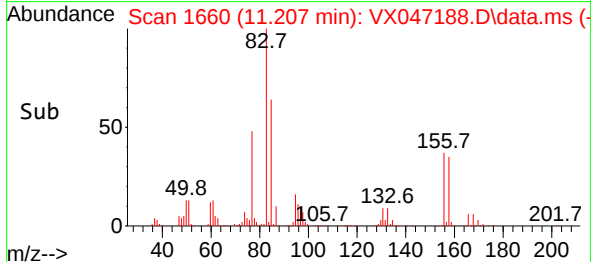
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 245158
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.7 32.0 96.2

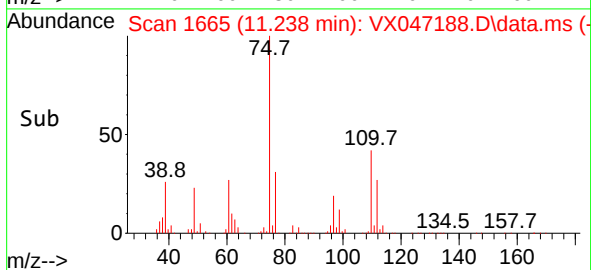
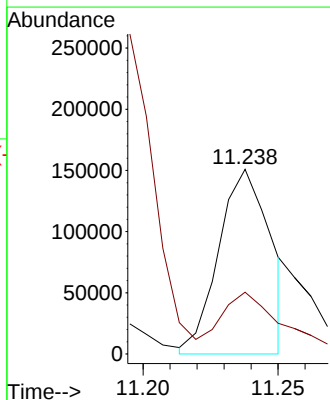
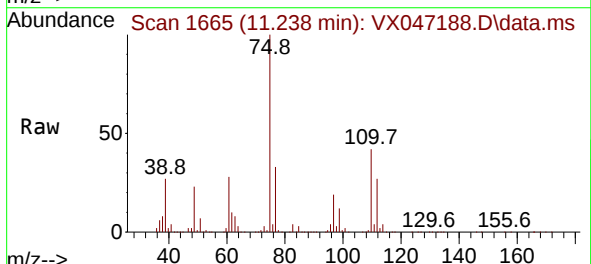
Manual Integrations
APPROVED

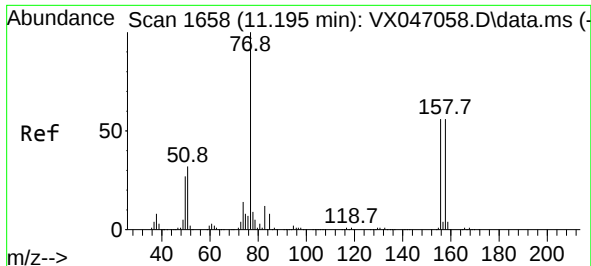
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#76
1,2,3-Trichloropropane
Concen: 55.182 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

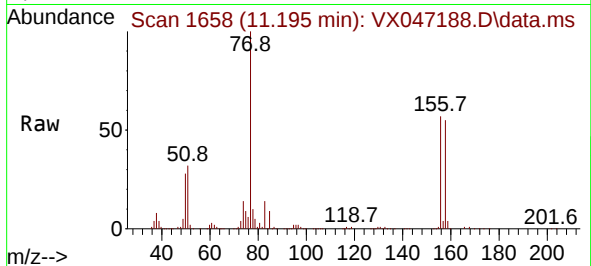
Tgt Ion: 75 Resp: 201427
Ion Ratio Lower Upper
75 100
77 40.3 21.6 65.0





#77
Bromobenzene
Concen: 51.418 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

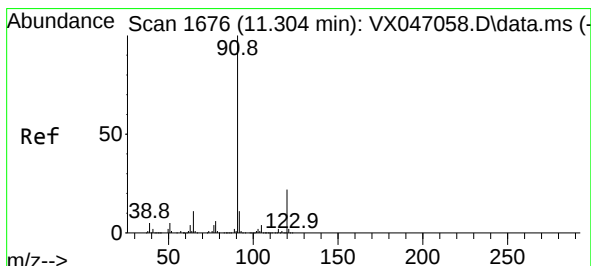
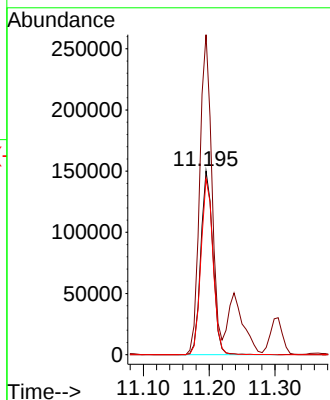
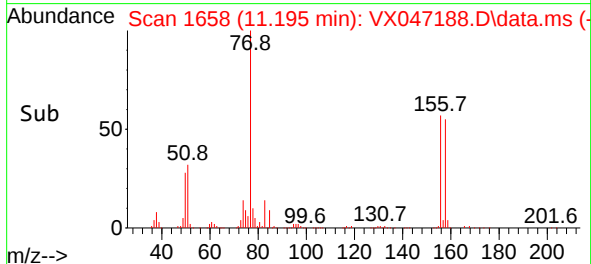
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 191880
Ion Ratio Lower Upper
156 100
77 174.6 87.3 261.9
158 96.1 48.9 146.6

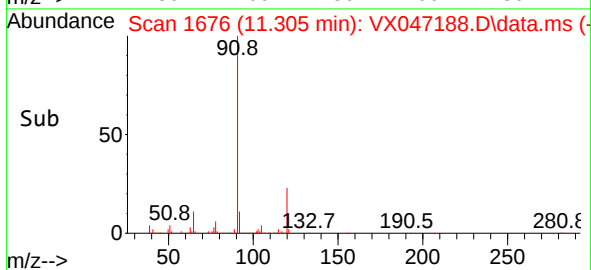
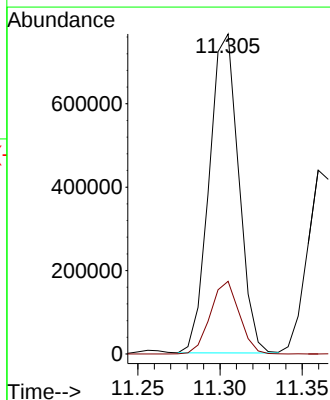
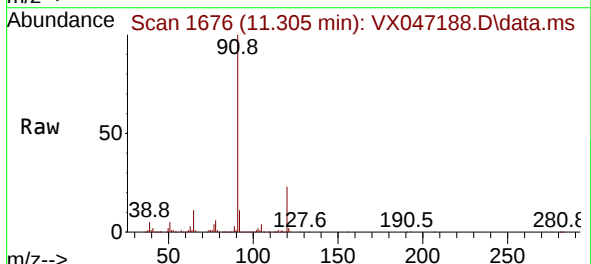
Manual Integrations
APPROVED

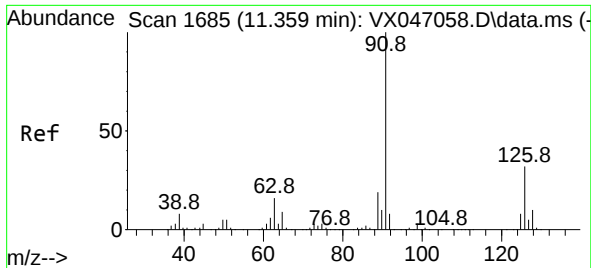
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#78
n-propylbenzene
Concen: 51.406 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 91 Resp: 955754
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





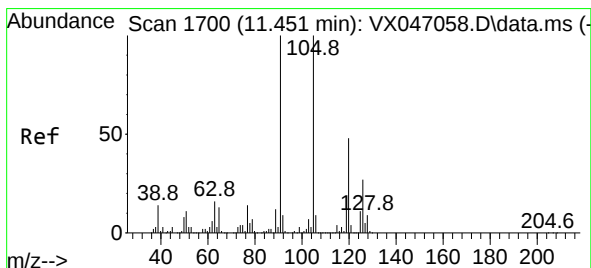
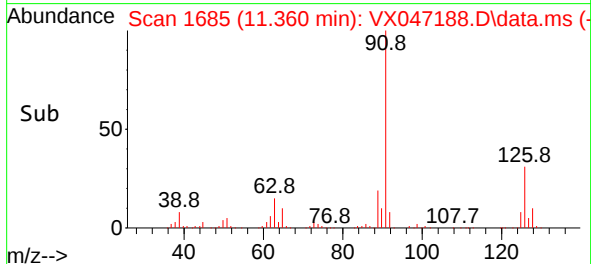
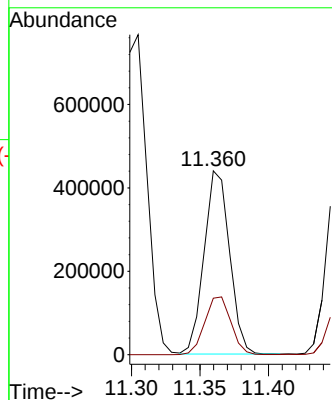
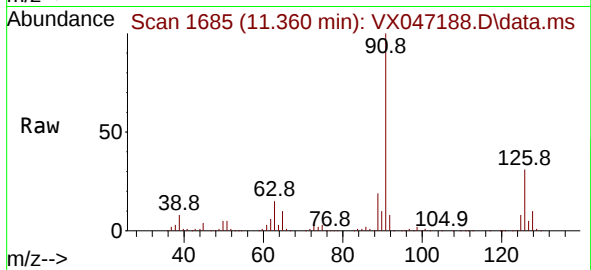
#79
2-Chlorotoluene
Concen: 51.055 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 567408
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

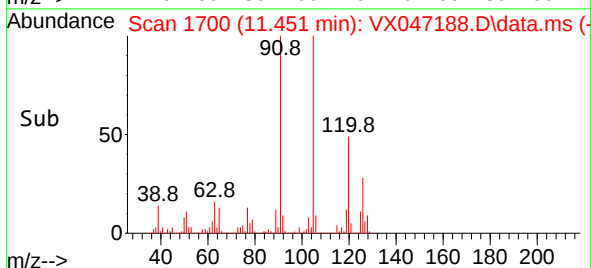
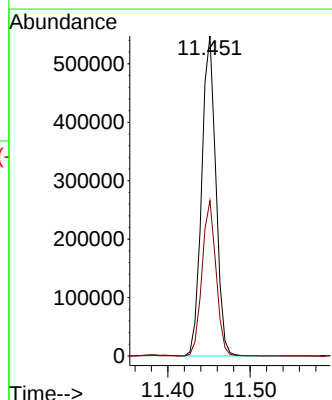
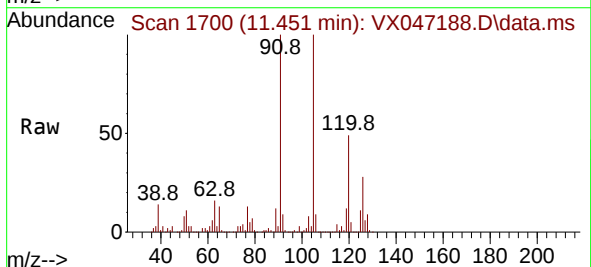
Manual Integrations
APPROVED

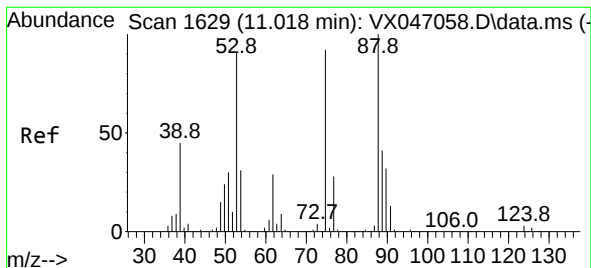
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.283 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

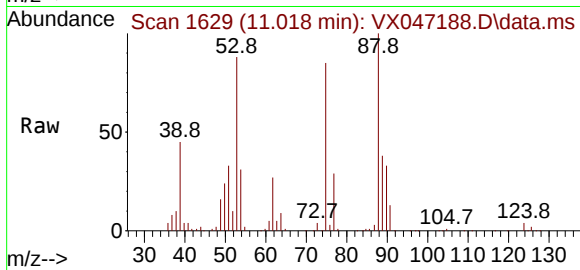
Tgt Ion:105 Resp: 659175
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 38.463 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

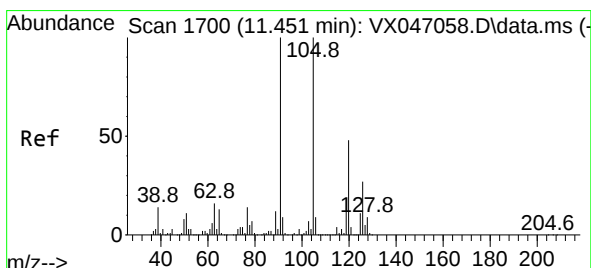
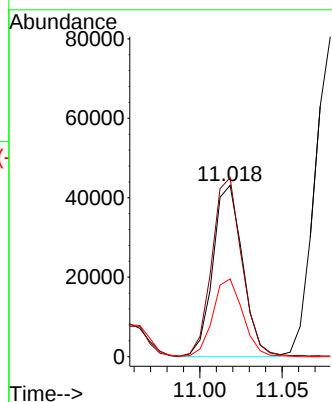
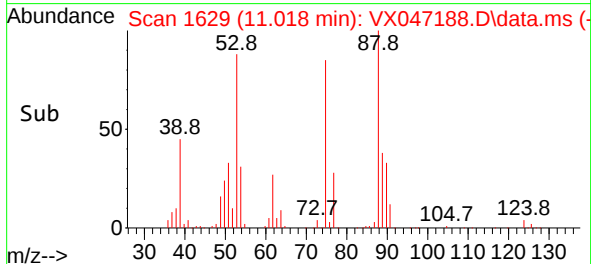
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 54494
Ion Ratio Lower Upper
75 100
53 106.1 84.2 126.4
89 45.7 36.0 54.0

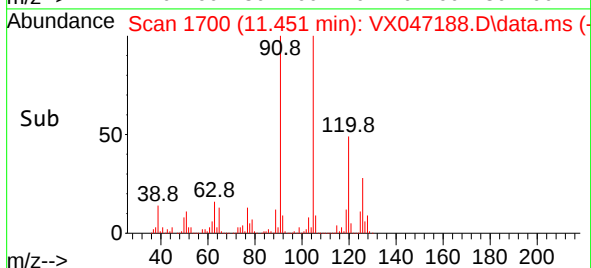
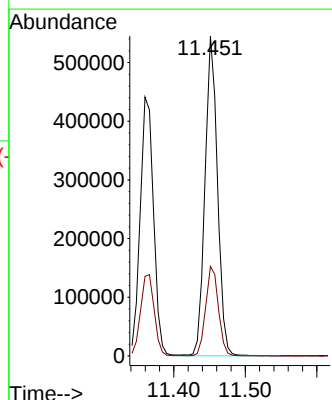
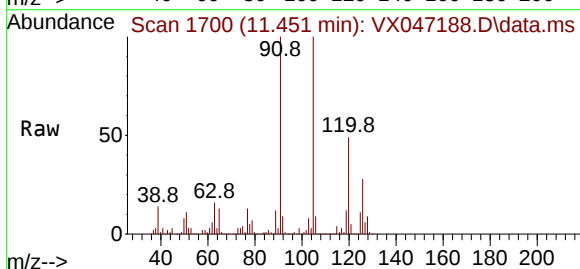
Manual Integrations
APPROVED

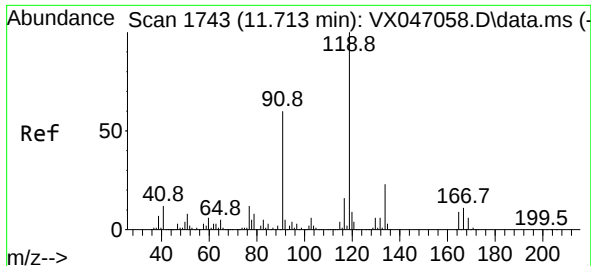
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#82
4-Chlorotoluene
Concen: 50.933 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

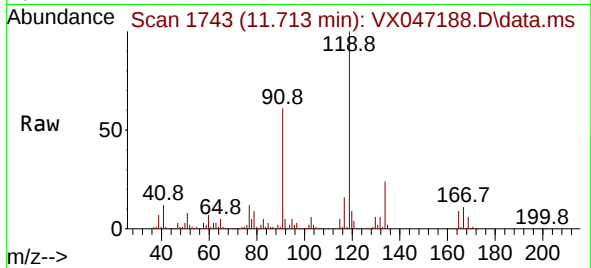
Tgt Ion: 91 Resp: 660711
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.3





#83
tert-Butylbenzene
Concen: 52.419 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

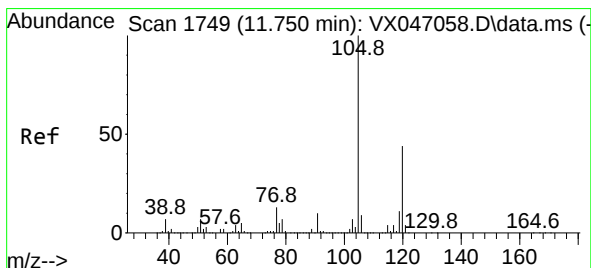
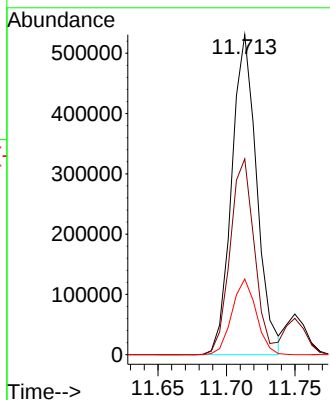
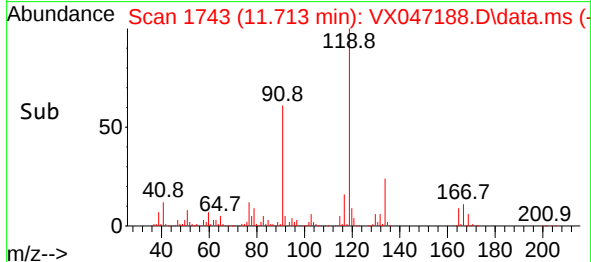
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



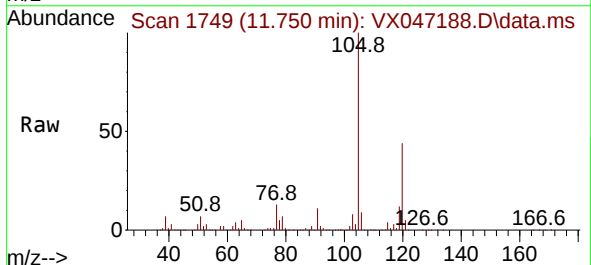
Tgt Ion:119 Resp: 676262
Ion Ratio Lower Upper
119 100
91 60.0 29.6 88.8
134 22.9 11.4 34.1

Manual Integrations
APPROVED

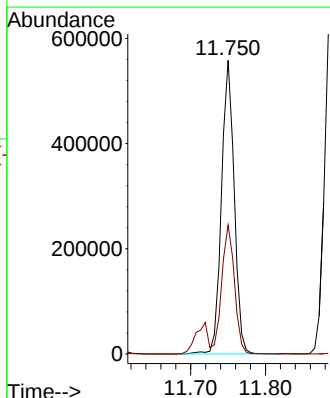
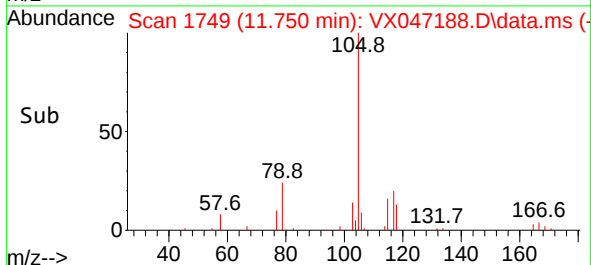
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

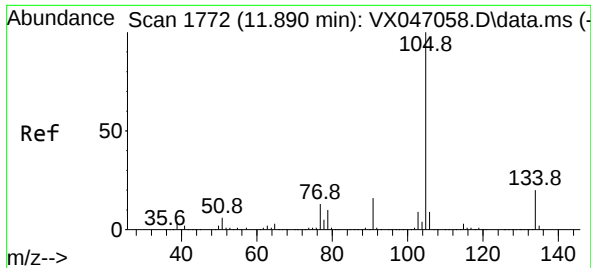


#84
1,2,4-Trimethylbenzene
Concen: 51.734 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32



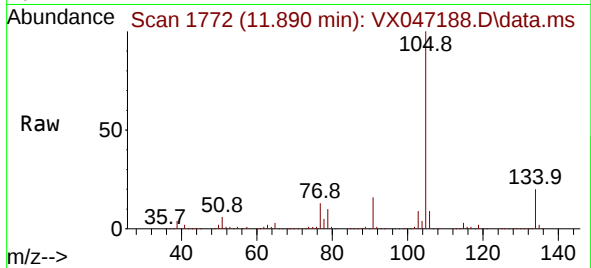
Tgt Ion:105 Resp: 663255
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.834 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047188.D
 Acq: 30 Jul 2025 16:32

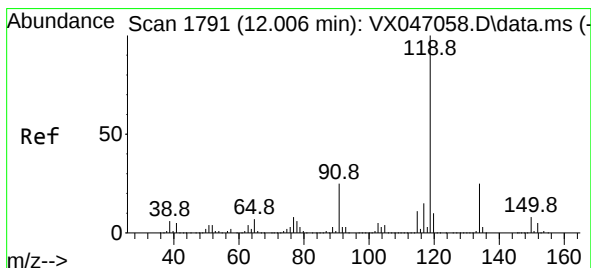
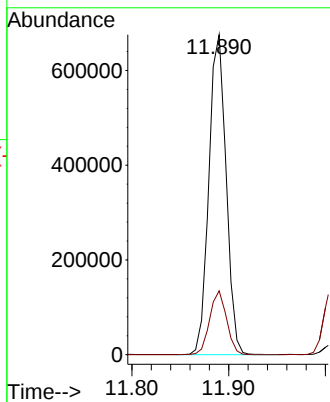
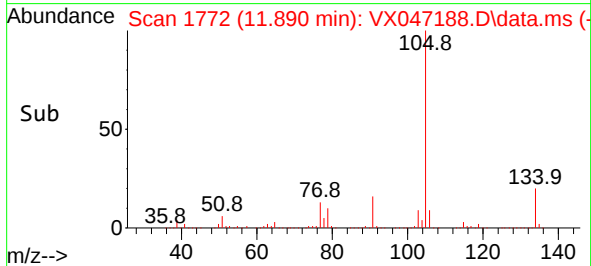
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



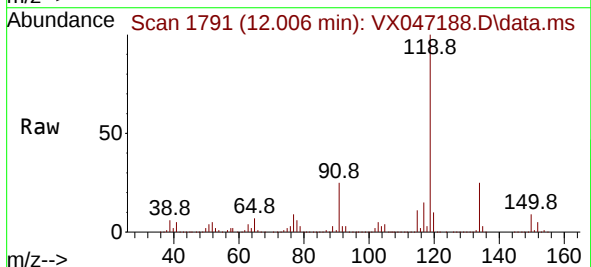
Tgt Ion:105 Resp: 83554
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations
 APPROVED

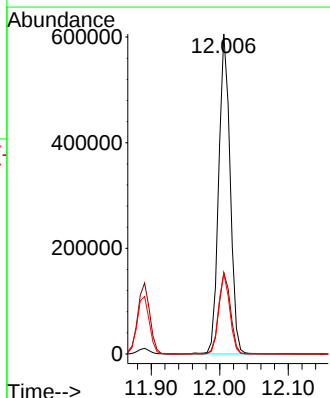
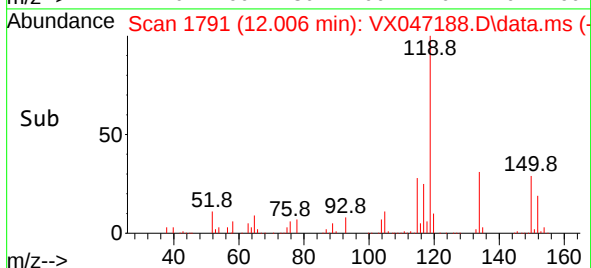
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025

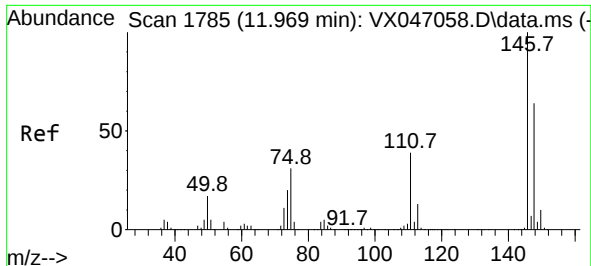


#86
 p-Isopropyltoluene
 Concen: 52.066 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047188.D
 Acq: 30 Jul 2025 16:32



Tgt Ion:119 Resp: 695985
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.992 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 35447

Ion Ratio Lower Upper

146 100

111 42.8 21.0 63.0

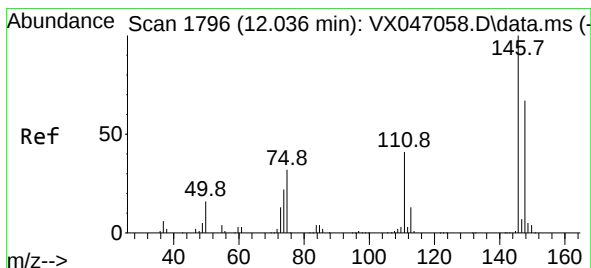
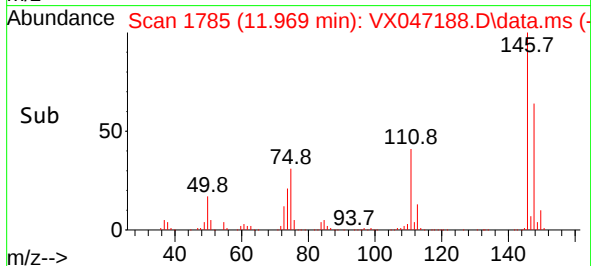
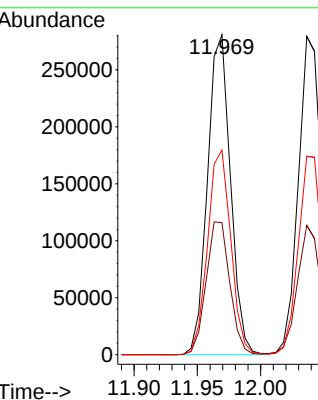
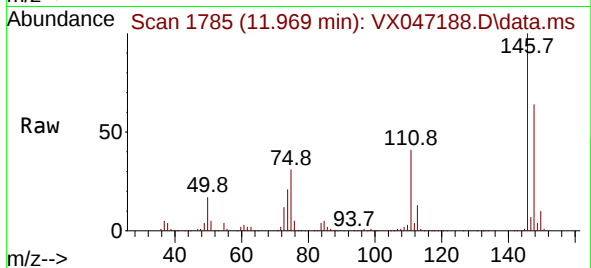
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#88

1,4-Dichlorobenzene

Concen: 49.792 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

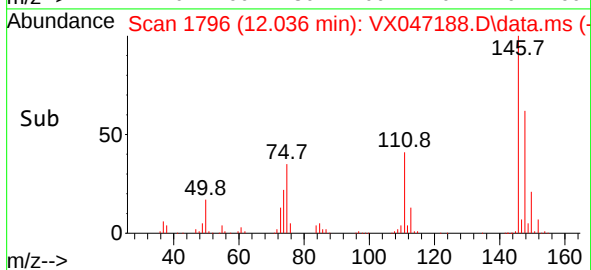
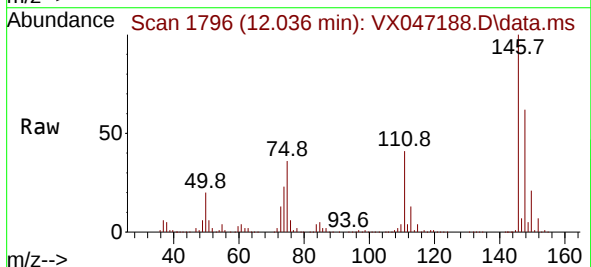
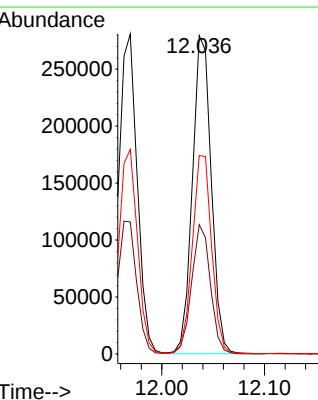
Tgt Ion:146 Resp: 357691

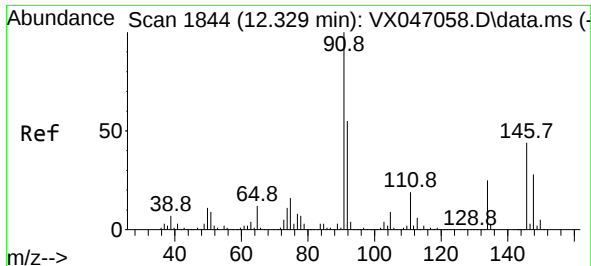
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

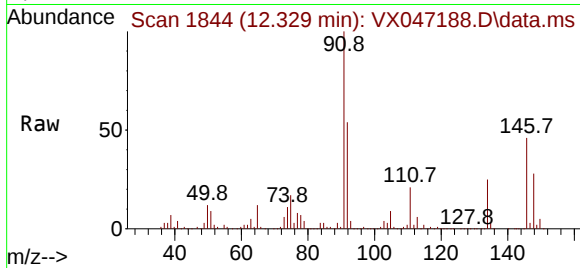
148 63.7 33.0 98.9





#89
n-Butylbenzene
Concen: 51.806 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

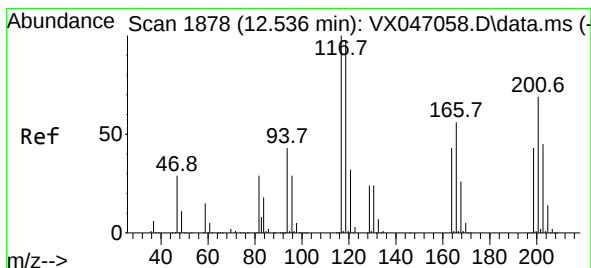
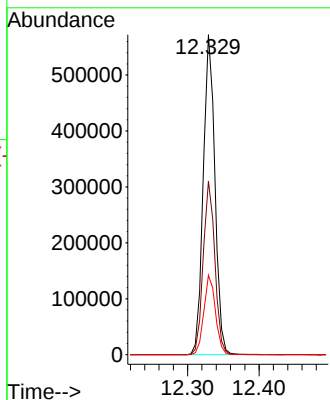
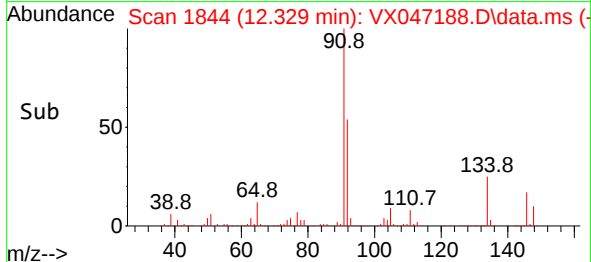
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 649430
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.5
134 24.8 12.8 38.3

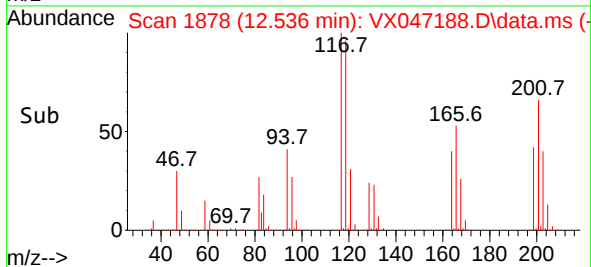
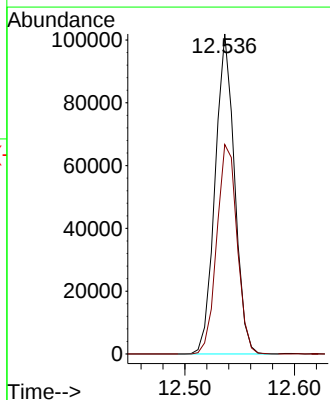
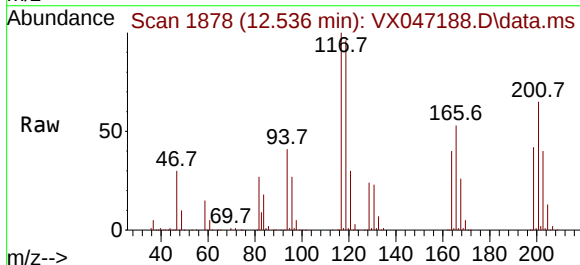
Manual Integrations
APPROVED

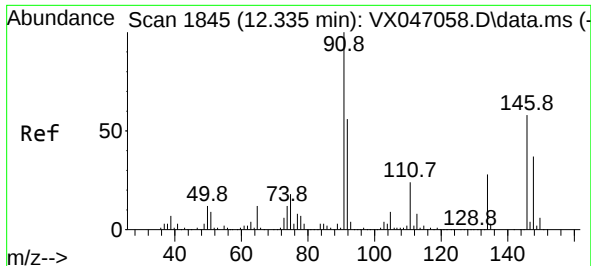
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#90
Hexachloroethane
Concen: 52.520 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

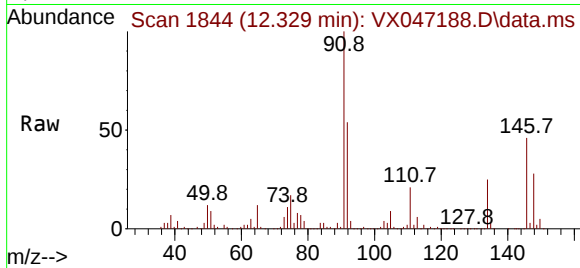
Tgt Ion:117 Resp: 125596
Ion Ratio Lower Upper
117 100
201 68.5 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 50.397 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

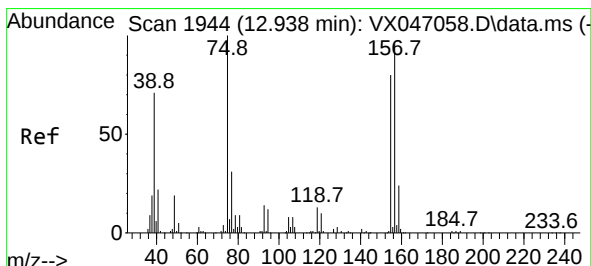
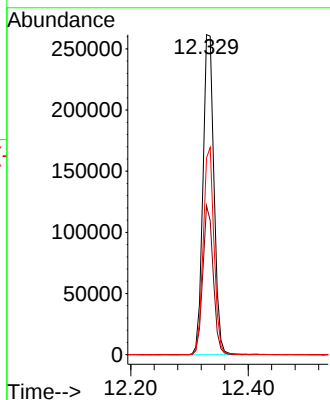
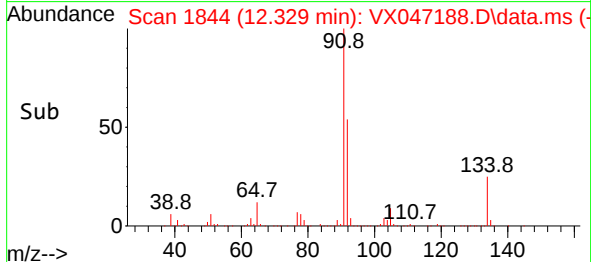
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 34153
Ion Ratio Lower Upper
146 100
111 44.1 21.6 64.6
148 63.2 31.9 95.7

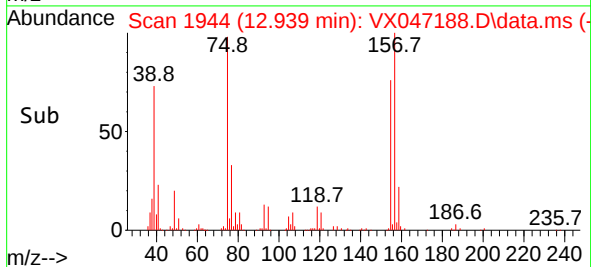
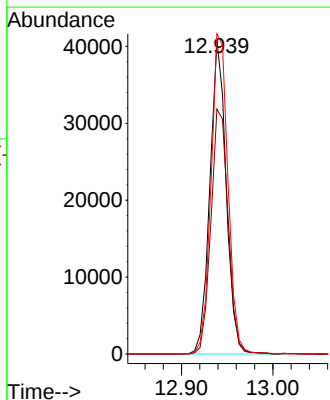
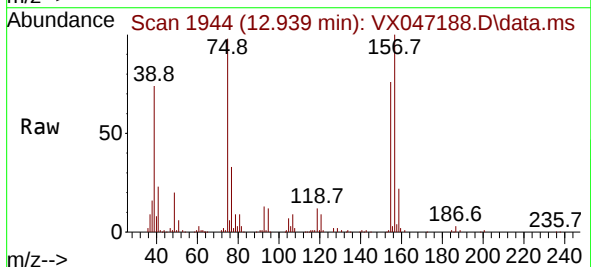
Manual Integrations
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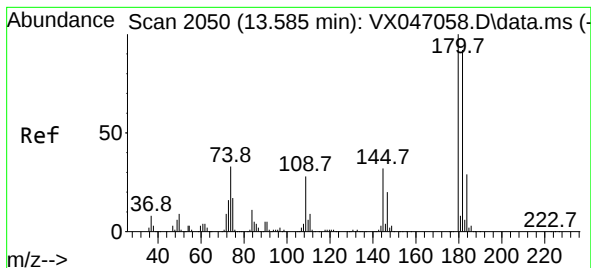
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.110 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047188.D
Acq: 30 Jul 2025 16:32

Tgt Ion: 75 Resp: 50425
Ion Ratio Lower Upper
75 100
155 82.2 41.3 124.1
157 106.5 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 51.948 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 232590

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

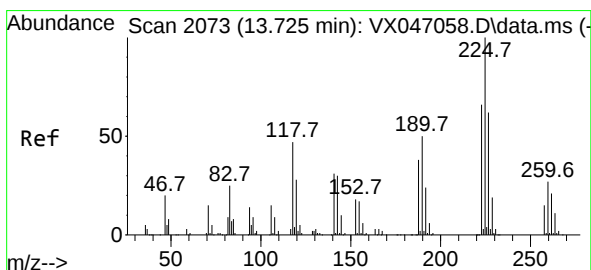
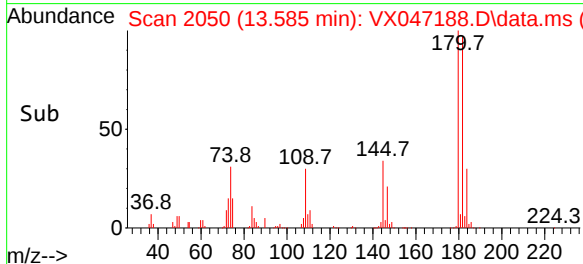
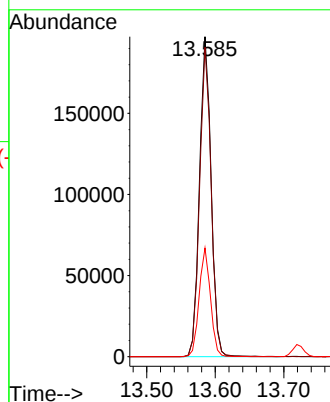
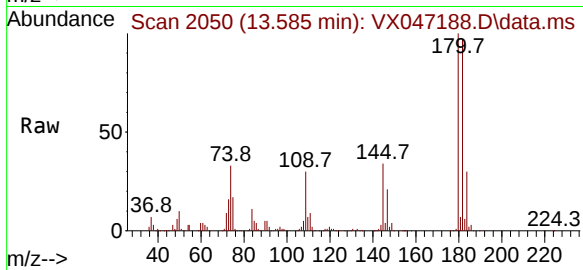
145 33.1 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#94

Hexachlorobutadiene

Concen: 53.518 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

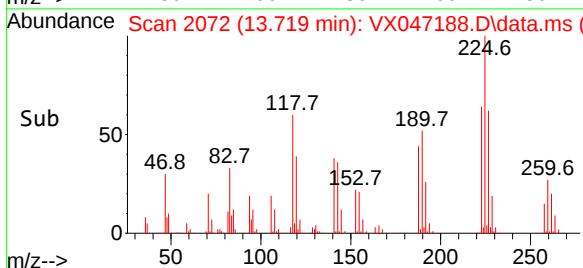
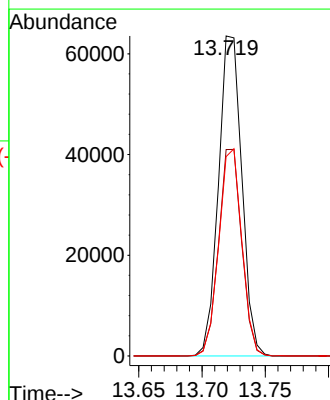
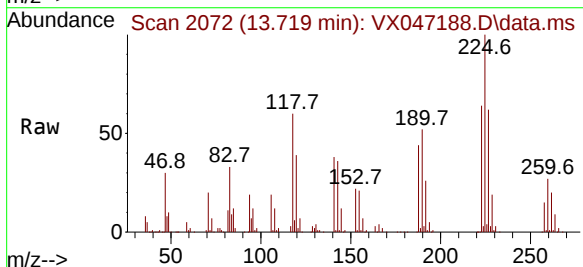
Tgt Ion:225 Resp: 81494

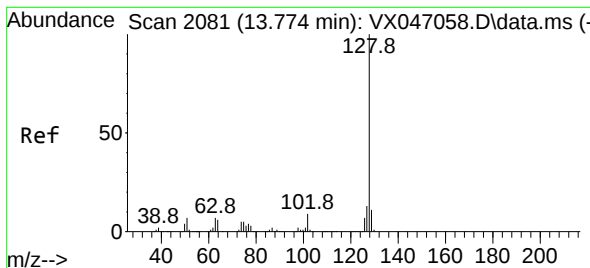
Ion Ratio Lower Upper

225 100

223 64.0 31.6 95.0

227 63.7 32.9 98.6





#95

Naphthalene

Concen: 56.387 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

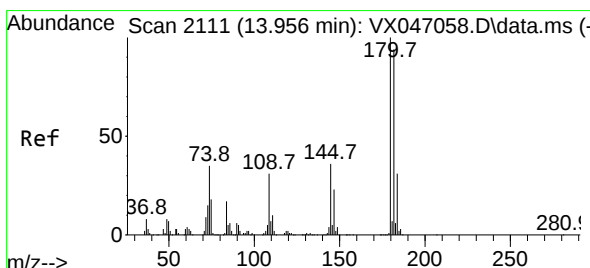
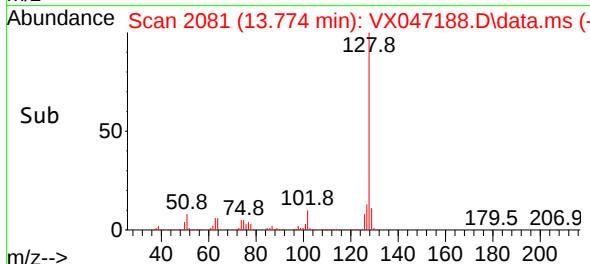
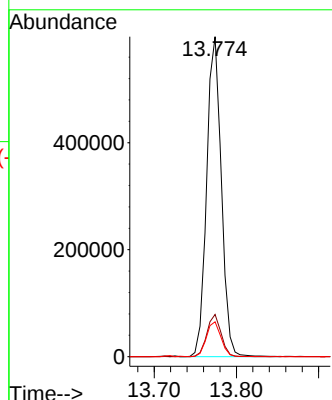
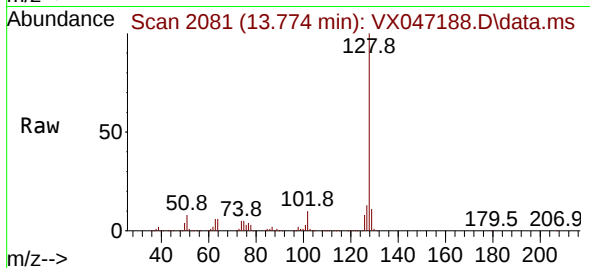
Tgt Ion:	128	Resp:	74013
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.988 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047188.D

Acq: 30 Jul 2025 16:32

Tgt Ion:	180	Resp:	224251
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.9	140.6
145	35.4	17.3	52.0

