

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047128.D
 Acq On : 25 Jul 2025 09:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

Quant Time: Jul 26 00:18:41 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	277253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	414717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	203517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171842	49.756	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.391	113	144820	50.233	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.460%		
50) Toluene-d8	8.647	98	438009	46.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.820%		
62) 4-Bromofluorobenzene	11.079	95	199384	49.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	185747	50.439	ug/l	100
3) Chloromethane	1.313	50	159054	43.663	ug/l	99
4) Vinyl Chloride	1.392	62	194676	49.715	ug/l	100
5) Bromomethane	1.630	94	100228	47.119	ug/l	96
6) Chloroethane	1.703	64	114720	44.606	ug/l	98
7) Trichlorofluoromethane	1.904	101	284266	48.684	ug/l	97
8) Diethyl Ether	2.142	74	101763	49.429	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	170237	48.392	ug/l	100
10) Methyl Iodide	2.471	142	248672	69.359	ug/l	98
11) Tert butyl alcohol	2.953	59	95233	235.275	ug/l	99
12) 1,1-Dichloroethene	2.337	96	166143	47.684	ug/l	99
13) Acrolein	2.246	56	227322	305.687	ug/l	100
14) Allyl chloride	2.678	41	292421	46.428	ug/l	96
15) Acrylonitrile	3.075	53	406903	247.033	ug/l	99
16) Acetone	2.386	43	367199	265.402	ug/l	99
17) Carbon Disulfide	2.526	76	459579	45.594	ug/l	100
18) Methyl Acetate	2.709	43	195014	53.039	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	541293	51.046	ug/l	99
20) Methylene Chloride	2.800	84	178698	46.948	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	168396	47.229	ug/l	94
22) Diisopropyl ether	3.764	45	610312	50.401	ug/l	100
23) Vinyl Acetate	3.727	43	2538784	261.398	ug/l	100
24) 1,1-Dichloroethane	3.623	63	324881	48.248	ug/l	99
25) 2-Butanone	4.556	43	498239	247.317	ug/l	98
26) 2,2-Dichloropropane	4.483	77	261528	50.174	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	202326	47.920	ug/l	100
28) Bromochloromethane	4.904	49	164207	53.006	ug/l	99
29) Tetrahydrofuran	5.013	42	310794	239.103	ug/l	99
30) Chloroform	5.099	83	327370	47.761	ug/l	97
31) Cyclohexane	5.477	56	294352	45.590	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	286842	48.180	ug/l	99
36) 1,1-Dichloropropene	5.696	75	223629	45.506	ug/l	99
37) Ethyl Acetate	4.715	43	229418	50.664	ug/l	99
38) Carbon Tetrachloride	5.684	117	251416	47.934	ug/l	99
39) Methylcyclohexane	7.385	83	289235	47.140	ug/l	98
40) Benzene	6.038	78	678414	47.702	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	112540	47.532	ug/l	96
42) 1,2-Dichloroethane	6.092	62	250375	49.978	ug/l	99
43) Isopropyl Acetate	6.336	43	362759	51.387	ug/l	99
44) Trichloroethene	7.129	130	167301	45.874	ug/l	95
45) 1,2-Dichloropropane	7.428	63	173328	48.661	ug/l	95
46) Dibromomethane	7.580	93	125088	50.078	ug/l	100
47) Bromodichloromethane	7.818	83	264392	49.729	ug/l	97
48) Methyl methacrylate	7.690	41	187745	48.819	ug/l	100
49) 1,4-Dioxane	7.714	88	44199	1010.493	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	1047128	249.553	ug/l	99
52) Toluene	8.720	92	419410	47.962	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	255741	50.938	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	273635	49.798	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	161900	49.368	ug/l	98
56) Ethyl methacrylate	9.116	69	255803	52.689	ug/l	99
57) 1,3-Dichloropropane	9.305	76	279567	49.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	646045	239.130	ug/l	99
59) 2-Hexanone	9.427	43	719753	259.630	ug/l	100
60) Dibromochloromethane	9.519	129	194521	50.574	ug/l	99
61) 1,2-Dibromoethane	9.610	107	166921	48.677	ug/l	100
64) Tetrachloroethene	9.275	164	135617	45.362	ug/l	98
65) Chlorobenzene	10.073	112	459322	47.277	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	160016	48.920	ug/l	99
67) Ethyl Benzene	10.189	91	817217	48.108	ug/l	98
68) m/p-Xylenes	10.299	106	606501	95.408	ug/l	100
69) o-Xylene	10.640	106	290604	48.054	ug/l	98
70) Styrene	10.653	104	504245	48.626	ug/l	100
71) Bromoform	10.799	173	125861	50.654	ug/l	100
73) Isopropylbenzene	10.957	105	770632	47.996	ug/l	99
74) N-amyl acetate	10.842	43	319490	49.316	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	228093	49.732	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	184632m	49.013	ug/l	
77) Bromobenzene	11.195	156	182804	47.467	ug/l	98
78) n-propylbenzene	11.299	91	926920	48.310	ug/l	99
79) 2-Chlorotoluene	11.360	91	543121	47.354	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	635767	47.929	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	49125	33.598	ug/l	98
82) 4-Chlorotoluene	11.451	91	642720	48.010	ug/l	100
83) tert-Butylbenzene	11.713	119	645326	48.470	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	638849	48.285	ug/l	99
85) sec-Butylbenzene	11.890	105	802114	48.218	ug/l	100
86) p-Isopropyltoluene	12.006	119	665469	48.240	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	345361	47.197	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	342581	46.210	ug/l	99
89) n-Butylbenzene	12.329	91	634926	49.078	ug/l	99
90) Hexachloroethane	12.536	117	120621	48.876	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	330194	47.213	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45317	51.475	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	225510	48.804	ug/l	100
94) Hexachlorobutadiene	13.719	225	81630	51.945	ug/l	98
95) Naphthalene	13.774	128	685567	50.610	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	212971	47.842	ug/l	97

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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

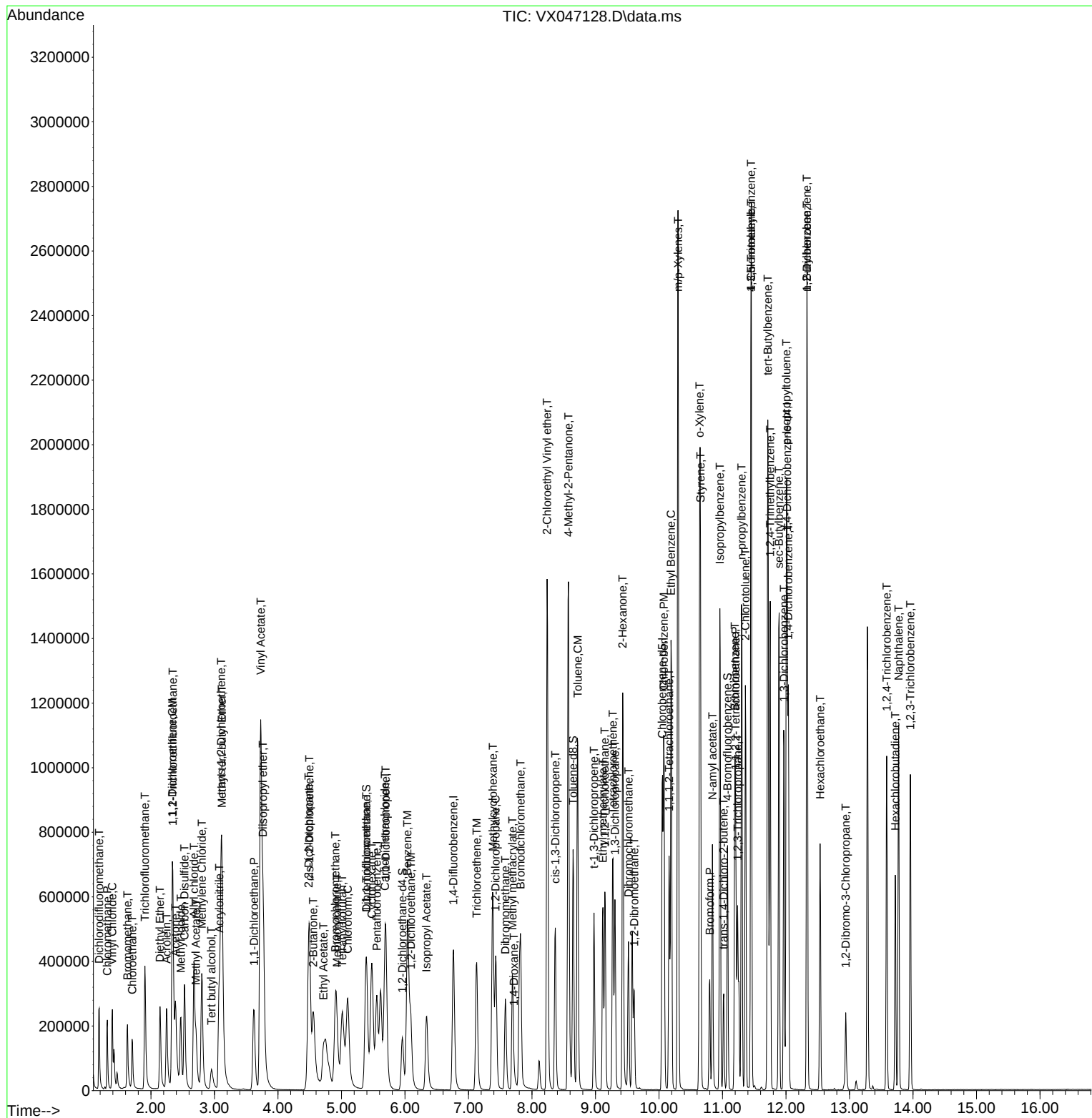
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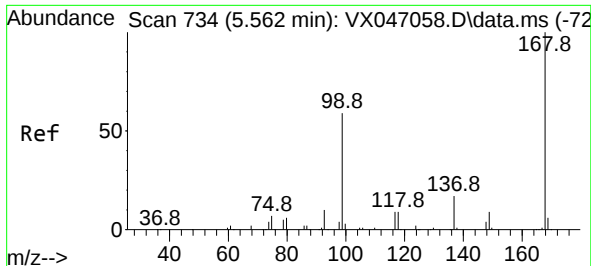
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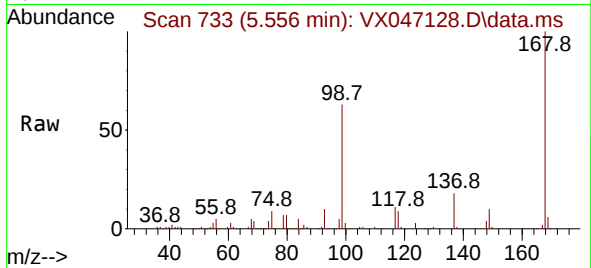
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047128.D
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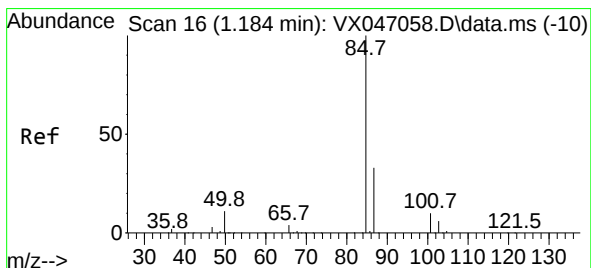
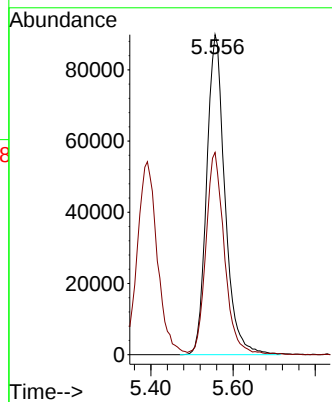
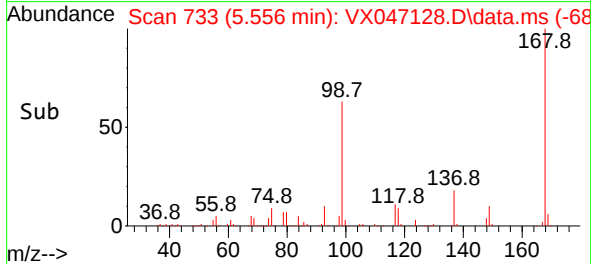
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 27725
Ion Ratio Lower Upper
168 100
99 62.8 48.0 72.0

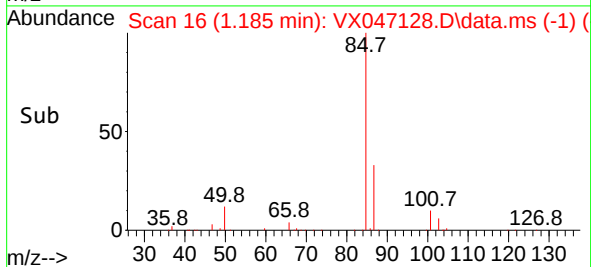
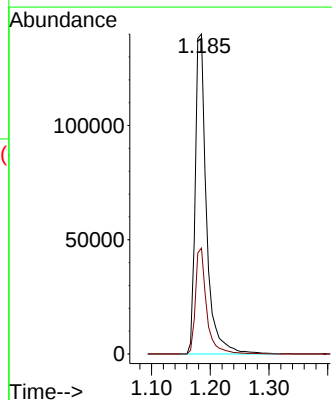
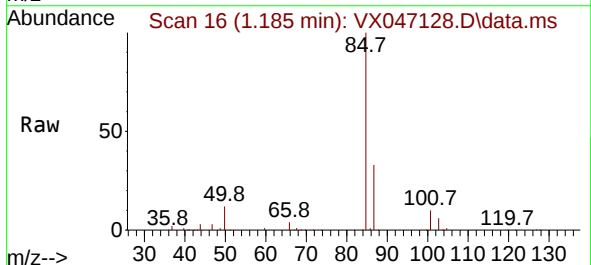
Manual Integrations
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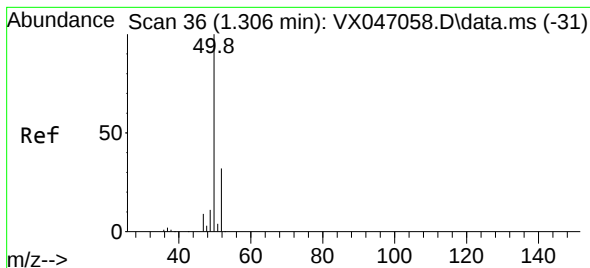
Reviewed By :John Carlone 07/28/2025
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#2
Dichlorodifluoromethane
Concen: 50.439 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

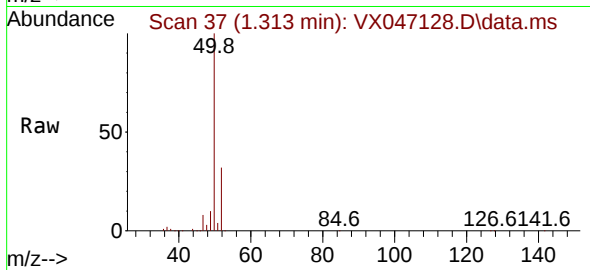
Tgt Ion: 85 Resp: 185747
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8





#3
Chloromethane
Concen: 43.663 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

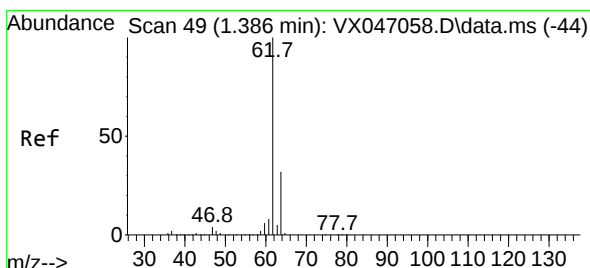
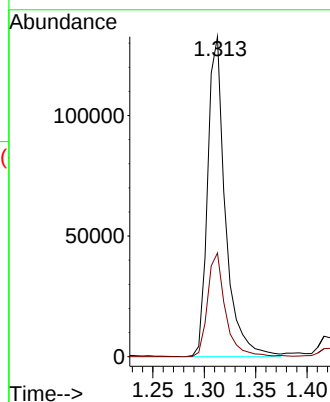
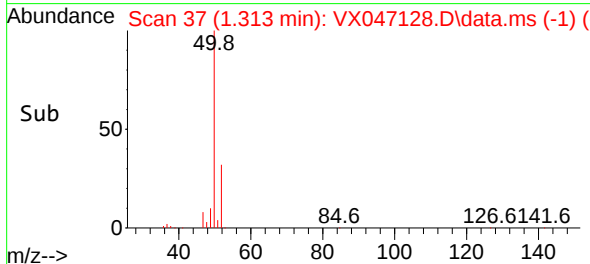
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 159054
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

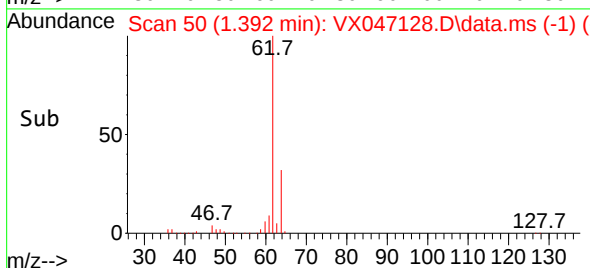
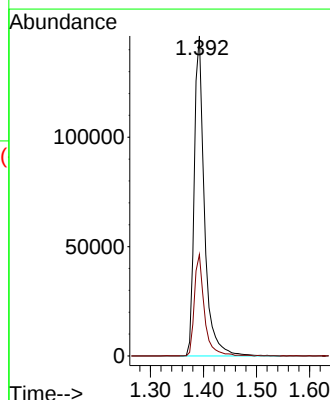
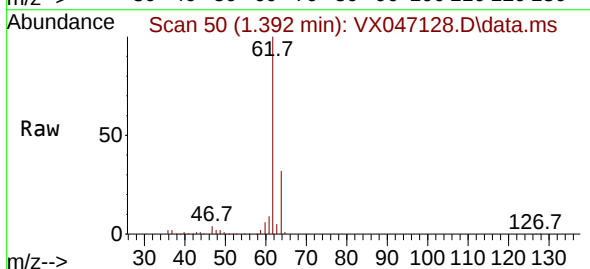
Manual Integrations
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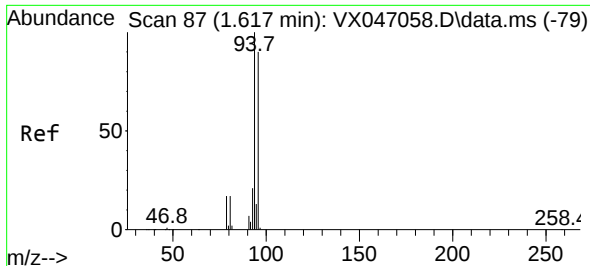
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#4
Vinyl Chloride
Concen: 49.715 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

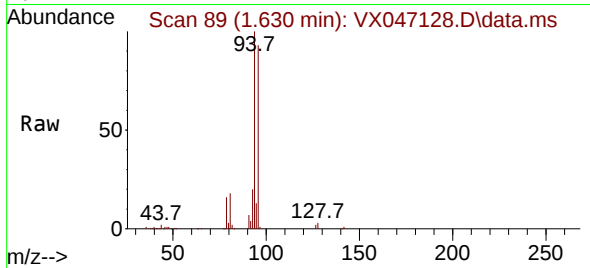
Tgt Ion: 62 Resp: 194676
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 47.119 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

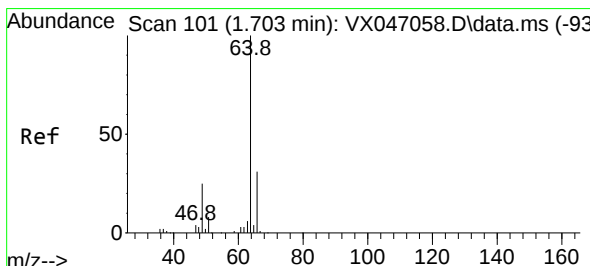
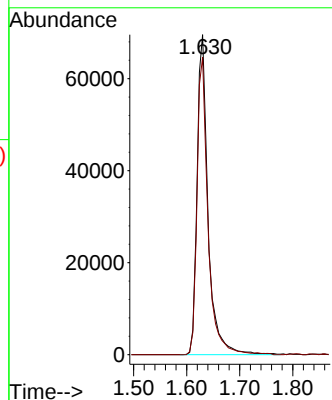
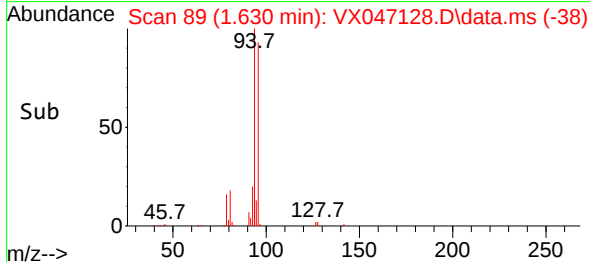
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Tgt Ion: 94 Resp: 100228
Ion Ratio Lower Upper
94 100
96 93.8 72.3 108.5

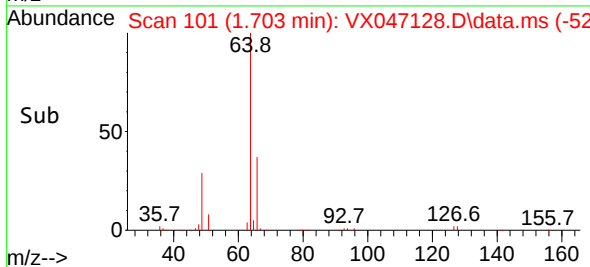
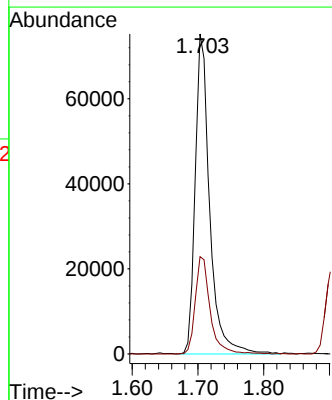
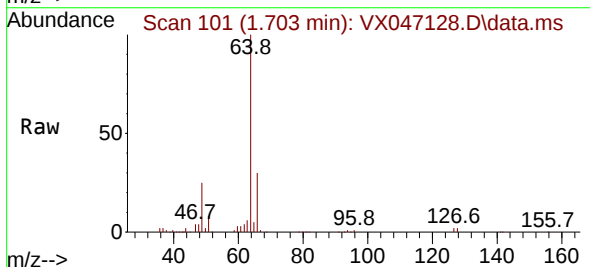
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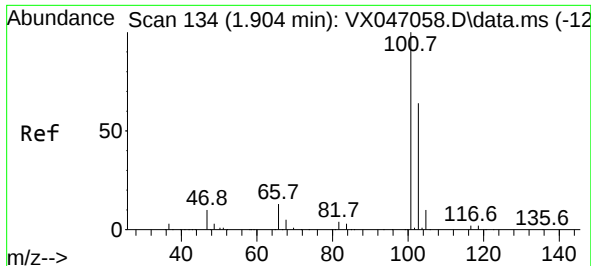
Reviewed By :John Carlone 07/28/2025
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#6
Chloroethane
Concen: 44.606 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

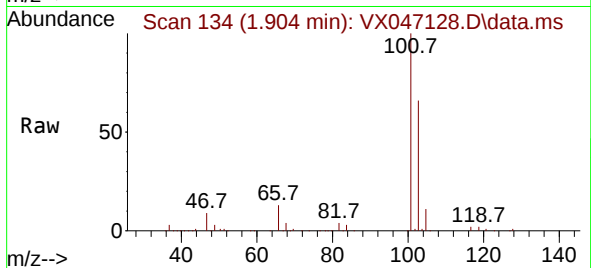
Tgt Ion: 64 Resp: 114720
Ion Ratio Lower Upper
64 100
66 30.3 25.0 37.6





#7
Trichlorofluoromethane
Concen: 48.684 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

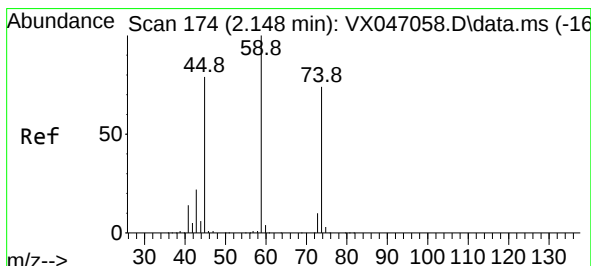
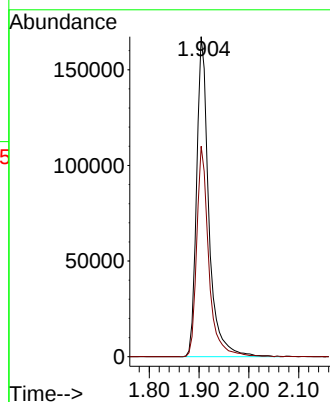
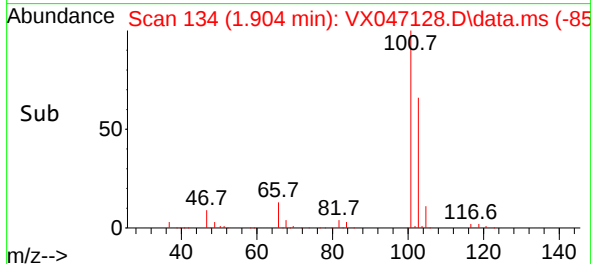
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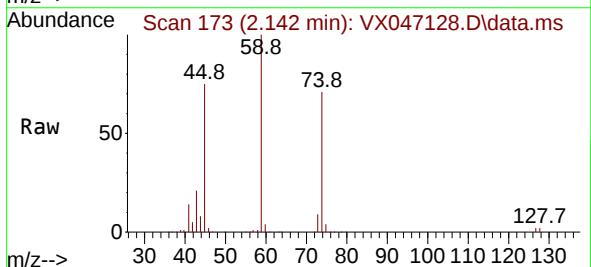
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Ion Ratio Lower Upper
101 100
103 65.8 50.9 76.3

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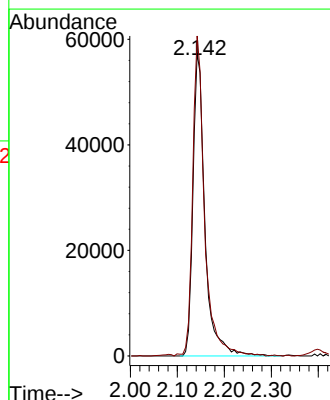
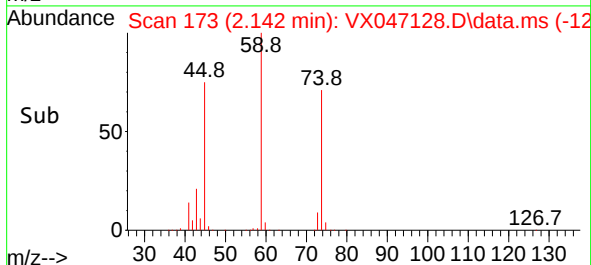
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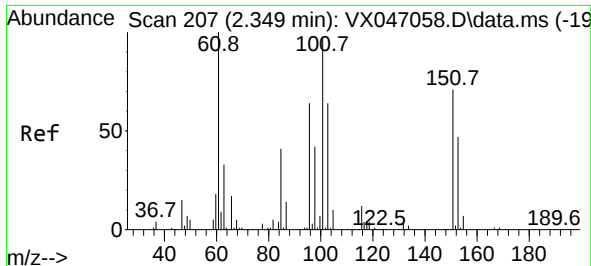


#8
Diethyl Ether
Concen: 49.429 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40



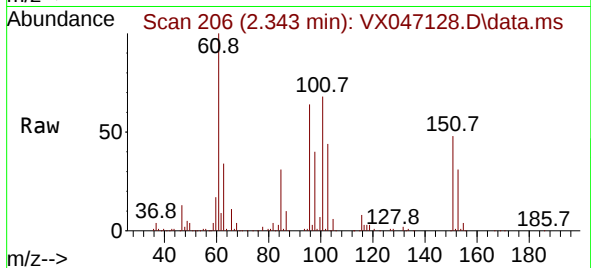
Tgt Ion: 74 Resp: 101763
Ion Ratio Lower Upper
74 100
45 105.2 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.392 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

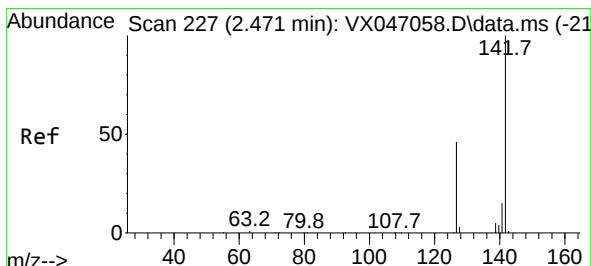
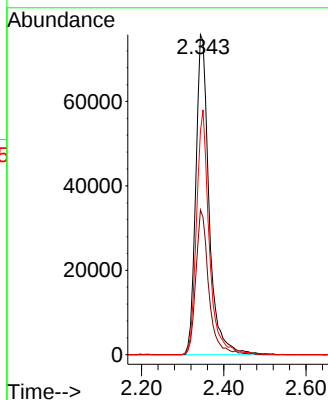
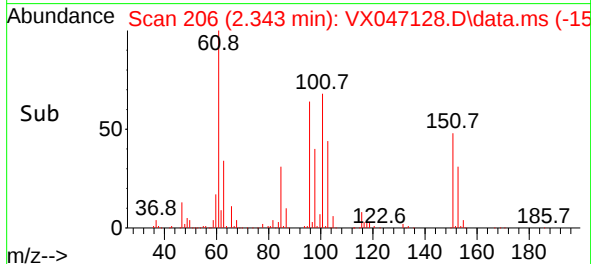
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 17023
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 73.6 59.2 88.8

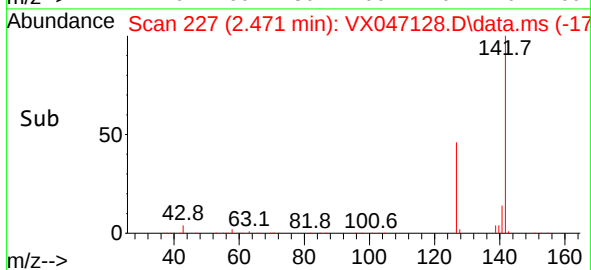
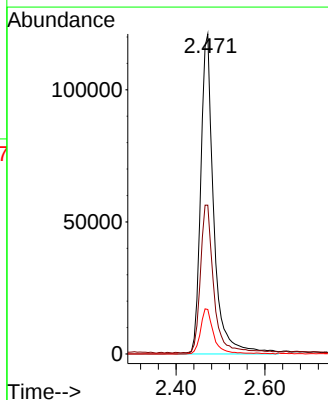
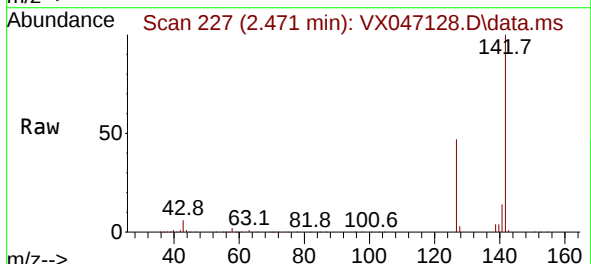
Manual Integrations
APPROVED

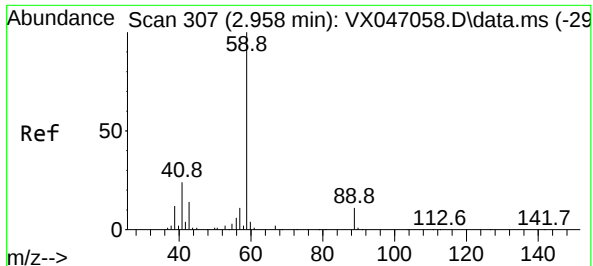
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#10
Methyl Iodide
Concen: 69.359 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion:142 Resp: 248672
Ion Ratio Lower Upper
142 100
127 47.5 36.6 54.8
141 14.2 10.9 16.3





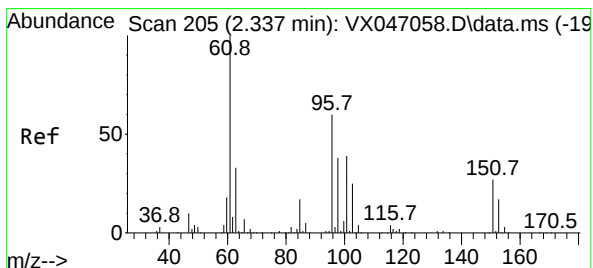
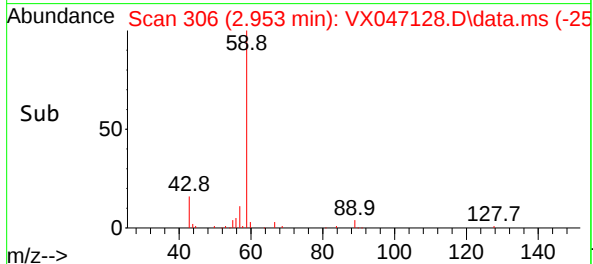
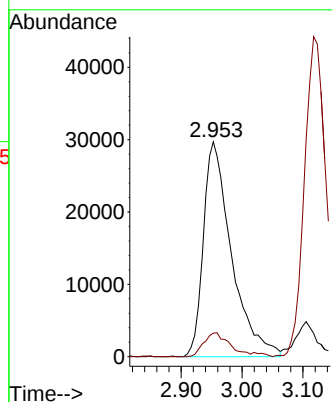
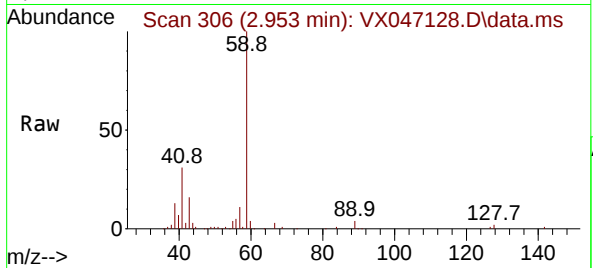
#11
Tert butyl alcohol
Concen: 235.275 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 9523
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

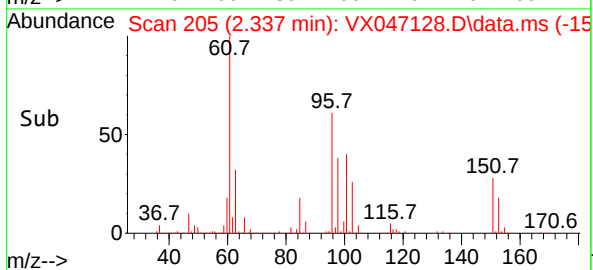
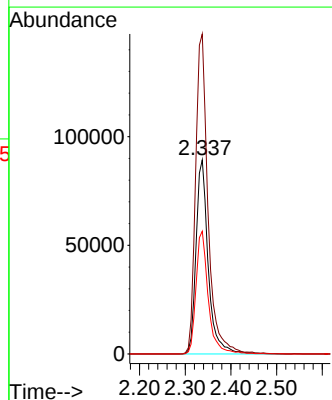
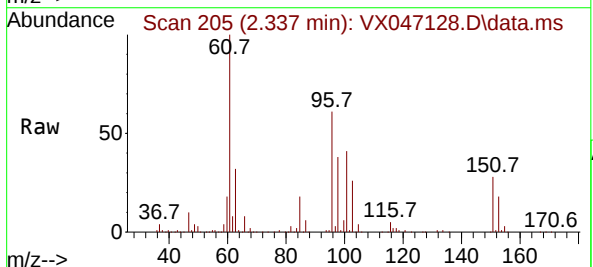
Manual Integrations
APPROVED

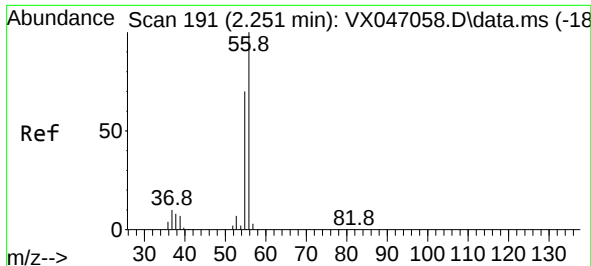
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#12
1,1-Dichloroethene
Concen: 47.684 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

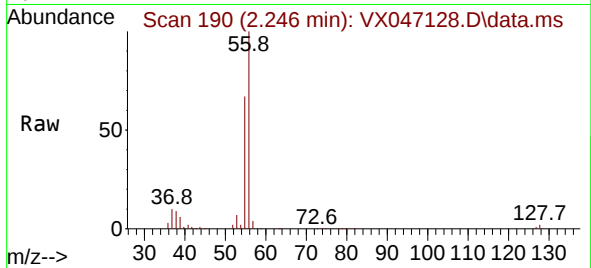
Tgt Ion: 96 Resp: 166143
Ion Ratio Lower Upper
96 100
61 164.9 132.6 198.8
98 63.2 50.2 75.4





#13
Acrolein
Concen: 305.687 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

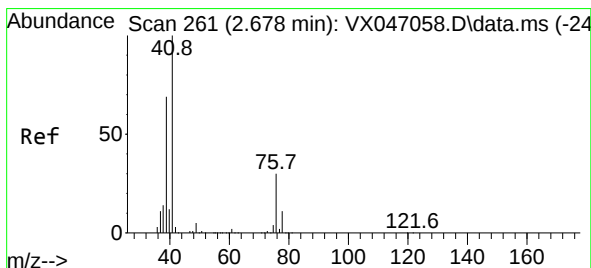
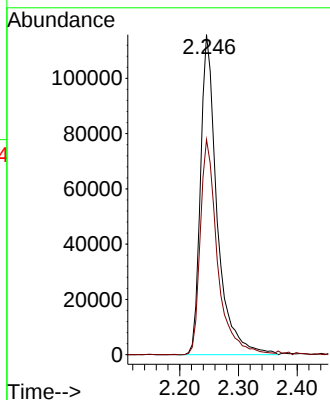
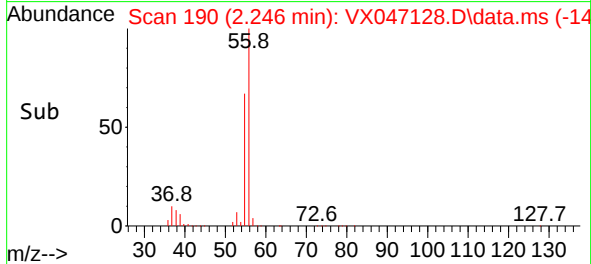
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22732
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5

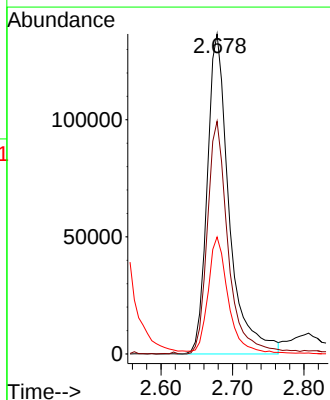
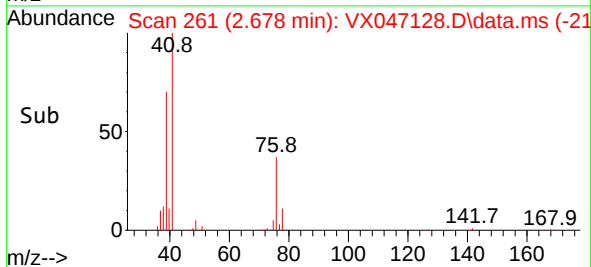
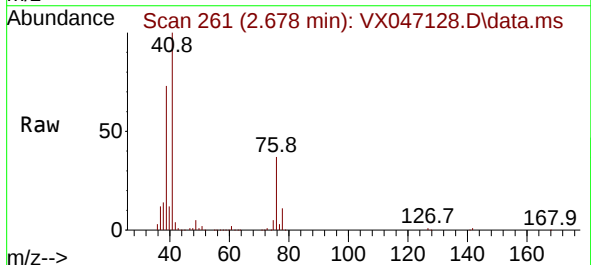
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#14
Allyl chloride
Concen: 46.428 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

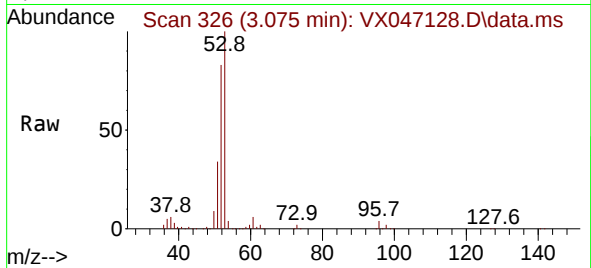
Tgt Ion: 41 Resp: 292421
Ion Ratio Lower Upper
41 100
39 69.3 52.6 78.8
76 33.3 25.7 38.5





#15
Acrylonitrile
Concen: 247.033 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

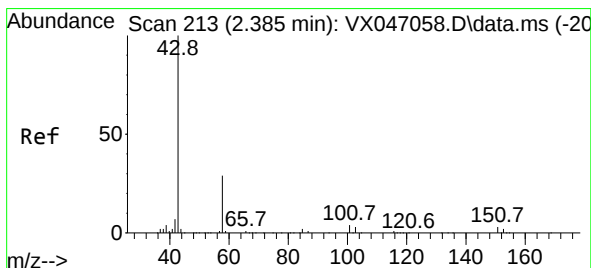
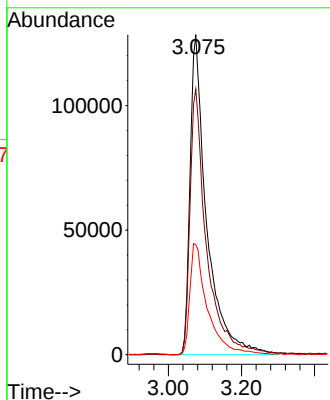
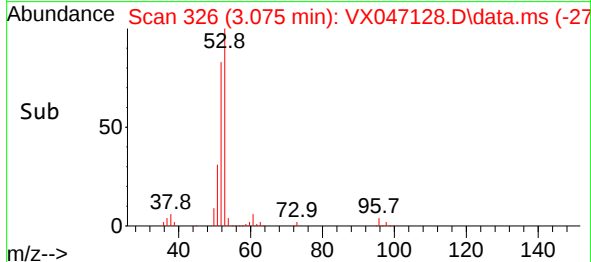
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



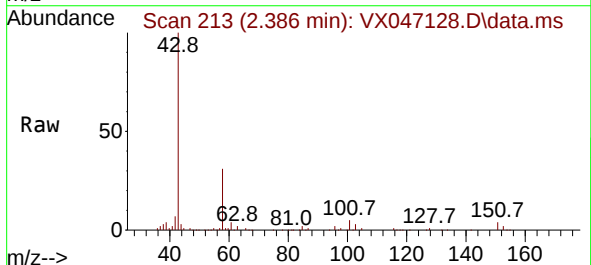
Tgt Ion: 53 Resp: 40690
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 36.6 28.8 43.2

Manual Integrations
APPROVED

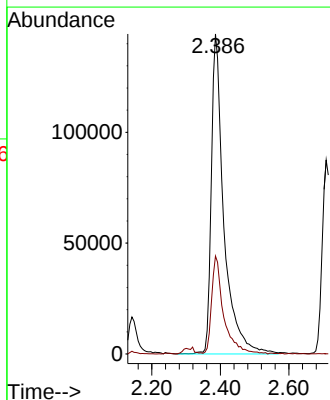
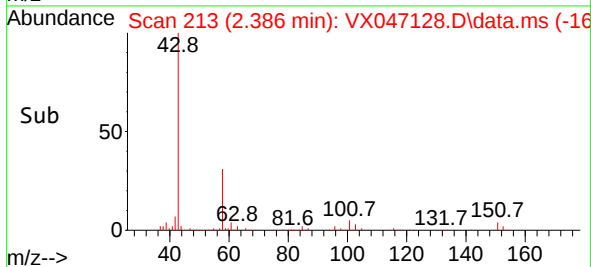
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

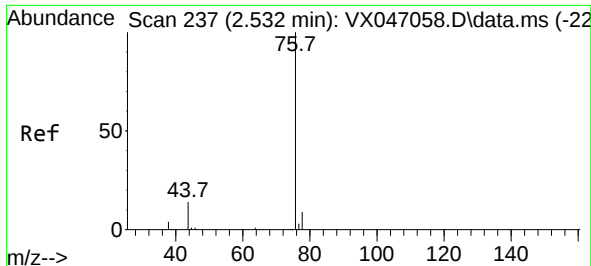


#16
Acetone
Concen: 265.402 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40



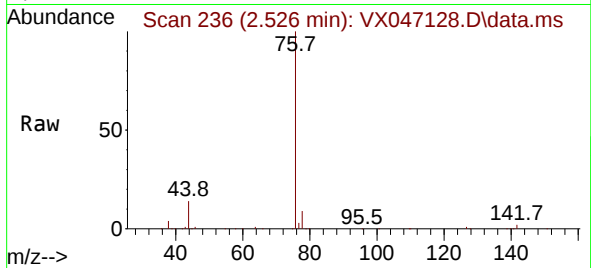
Tgt Ion: 43 Resp: 367199
Ion Ratio Lower Upper
43 100
58 30.7 24.0 36.0





#17
Carbon Disulfide
Concen: 45.594 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

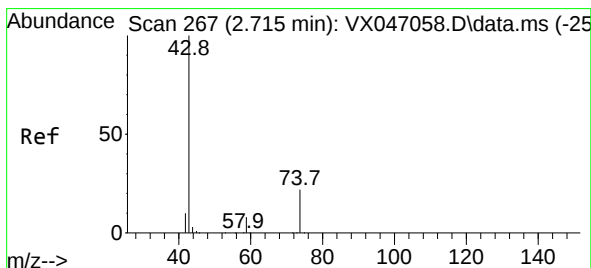
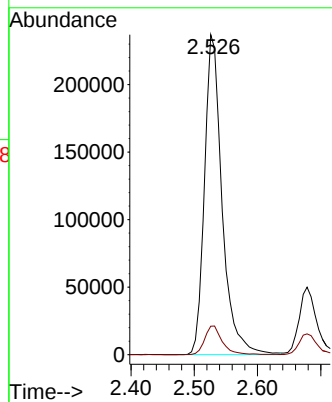
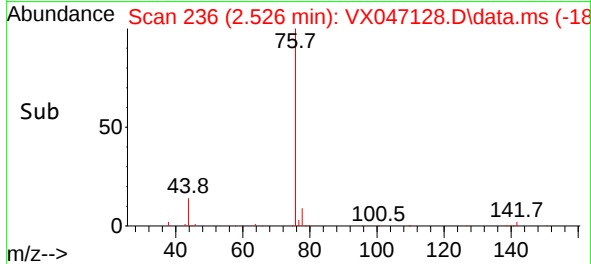
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 459579
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

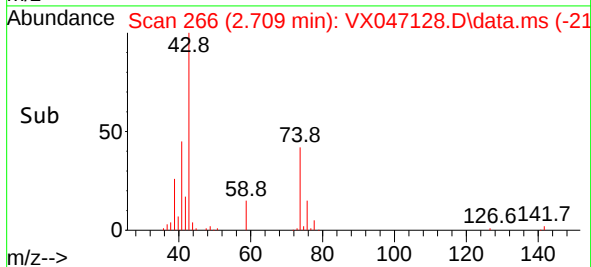
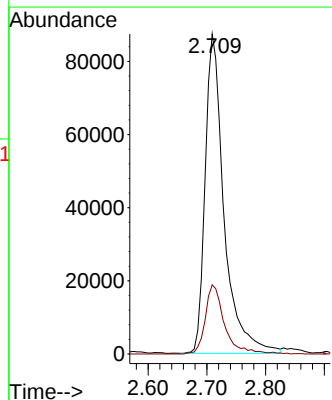
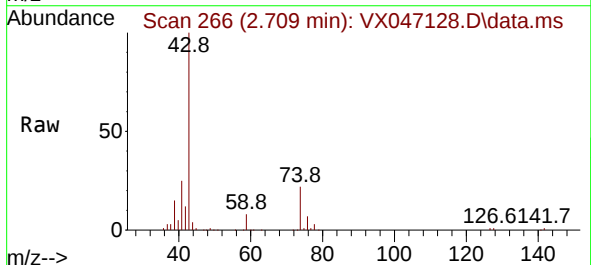
Manual Integrations
APPROVED

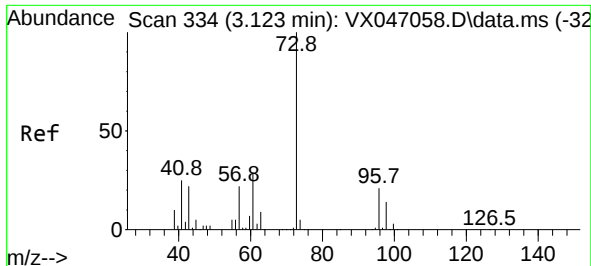
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#18
Methyl Acetate
Concen: 53.039 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion: 43 Resp: 195014
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





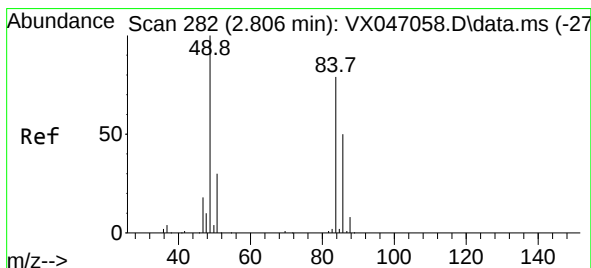
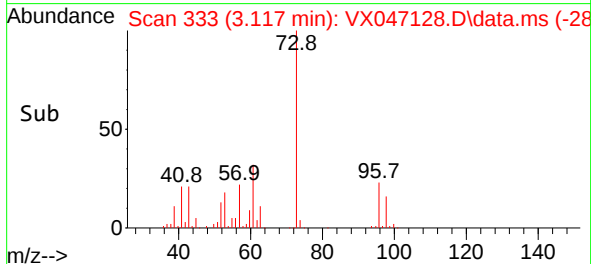
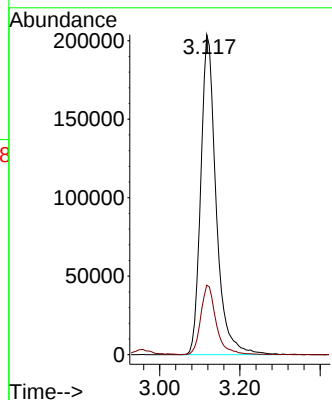
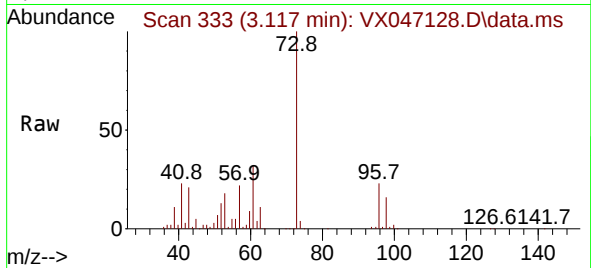
#19
Methyl tert-butyl Ether
Concen: 51.046 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 54129
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

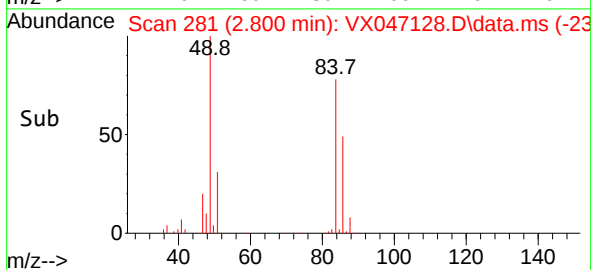
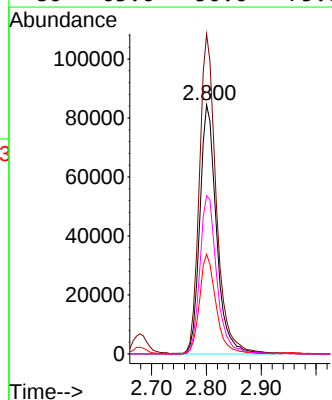
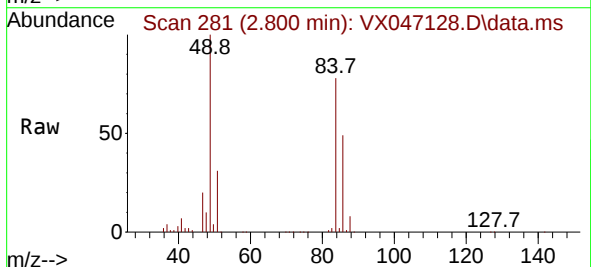
Manual Integrations
APPROVED

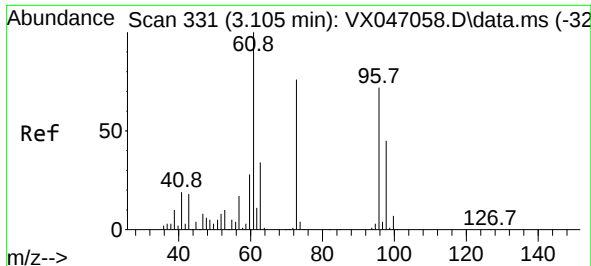
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#20
Methylene Chloride
Concen: 46.948 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

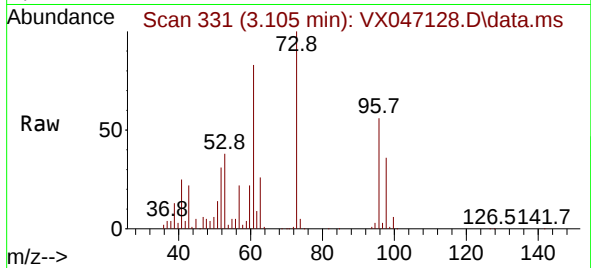
Tgt Ion: 84 Resp: 178698
Ion Ratio Lower Upper
84 100
49 128.2 101.6 152.4
51 39.9 30.3 45.5
86 63.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.229 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

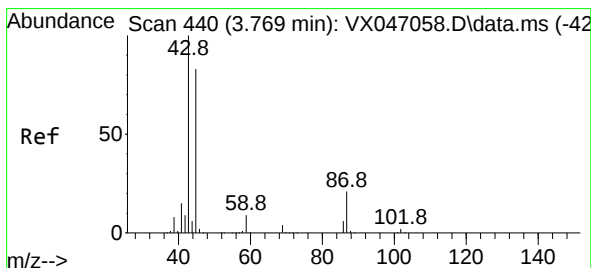
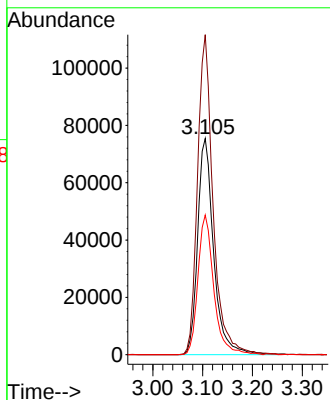
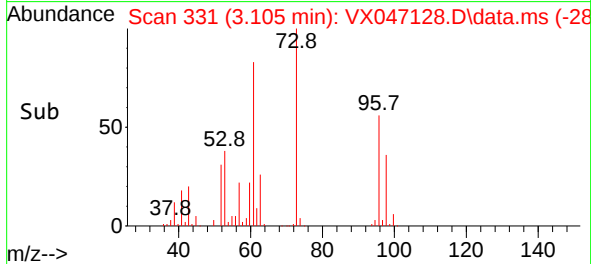
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 168390
Ion Ratio Lower Upper
96 100
61 148.0 111.1 166.7
98 64.6 49.6 74.4

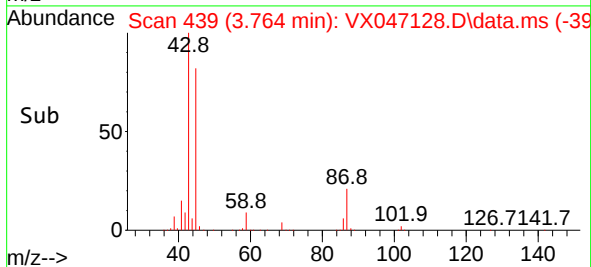
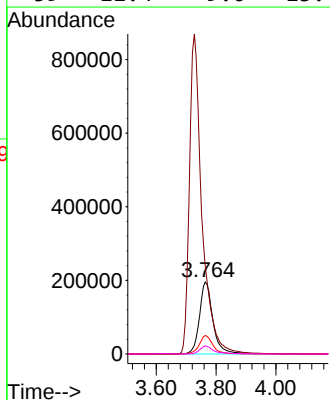
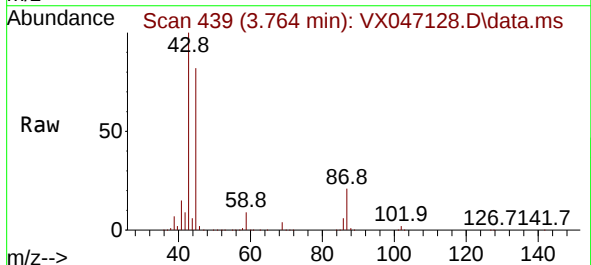
Manual Integrations
APPROVED

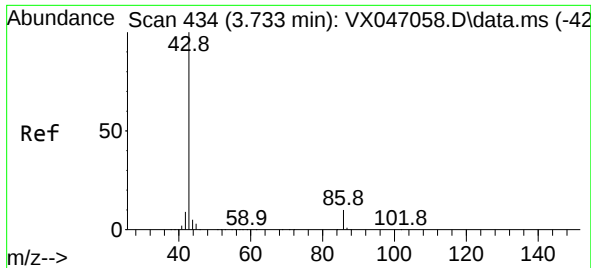
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#22
Diisopropyl ether
Concen: 50.401 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion: 45 Resp: 610312
Ion Ratio Lower Upper
45 100
43 121.5 96.8 145.2
87 25.6 20.5 30.7
59 11.4 9.0 13.4





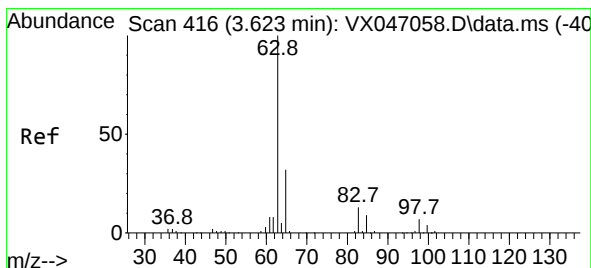
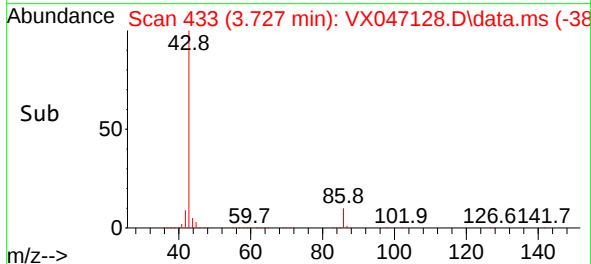
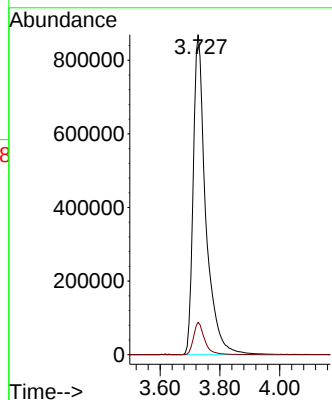
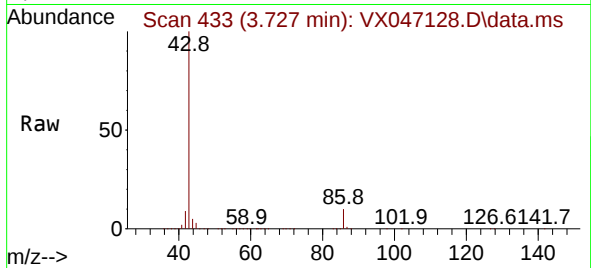
#23
 Vinyl Acetate
 Concen: 261.398 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2538784
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

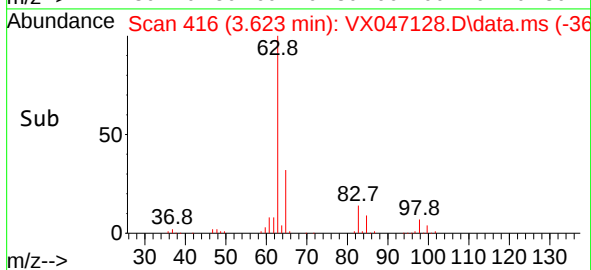
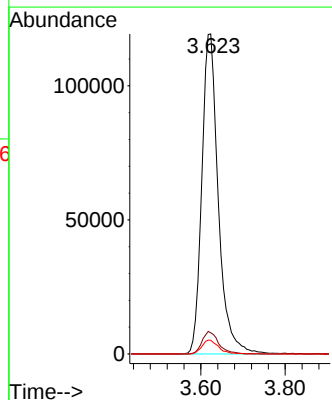
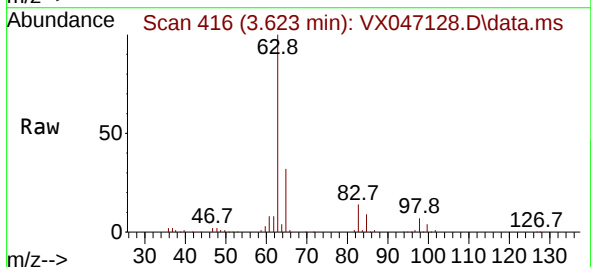
Manual Integrations
 APPROVED

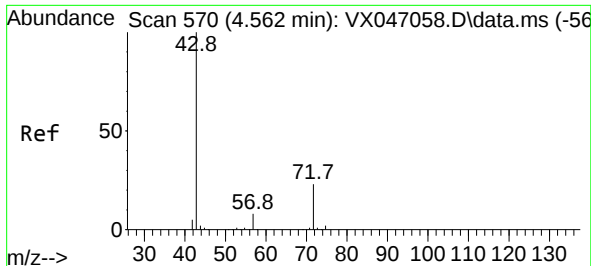
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#24
 1,1-Dichloroethane
 Concen: 48.248 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40

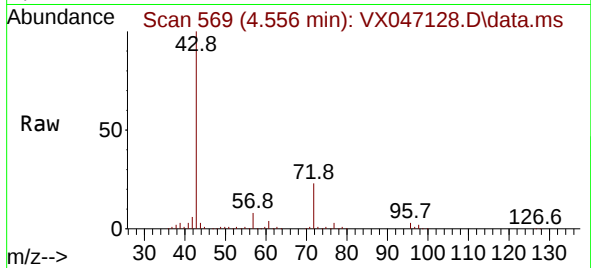
Tgt Ion: 63 Resp: 324881
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 247.317 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

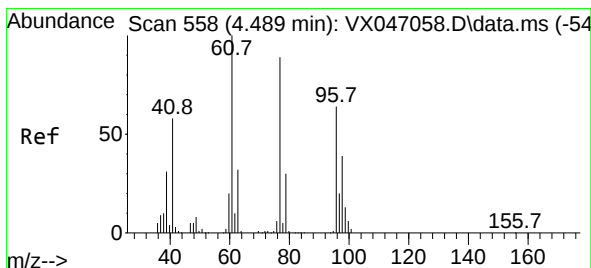
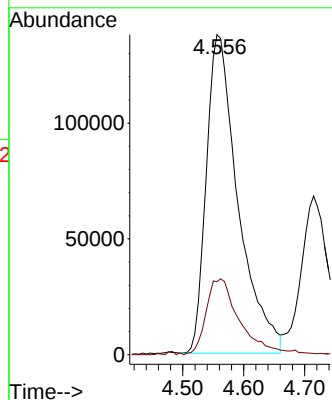
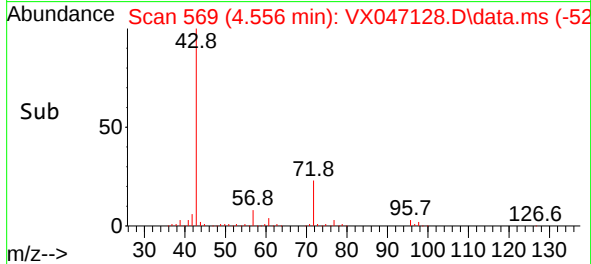
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 498239
Ion Ratio Lower Upper
43 100
72 22.4 18.8 28.2

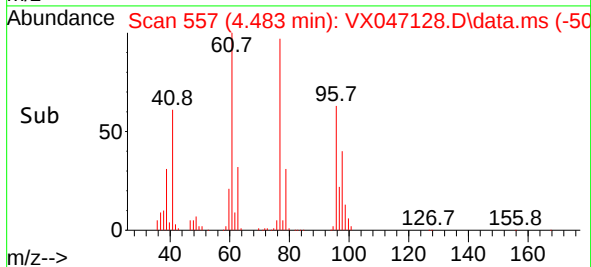
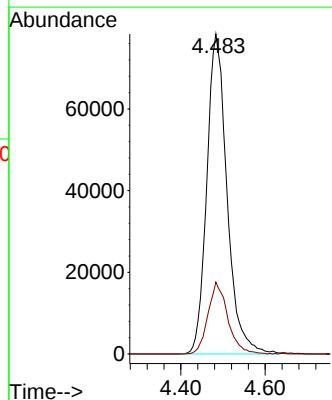
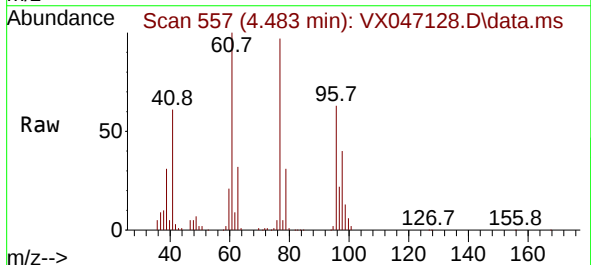
Manual Integrations
APPROVED

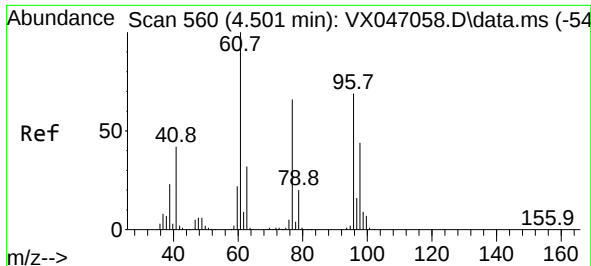
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#26
2,2-Dichloropropane
Concen: 50.174 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion: 77 Resp: 261528
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.920 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 202320

Ion Ratio Lower Upper

96 100

61 148.8 0.0 298.6

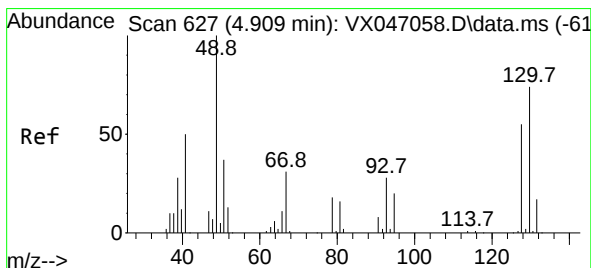
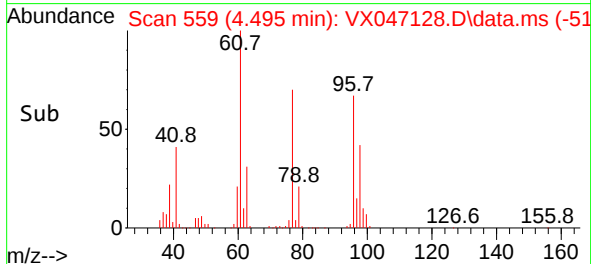
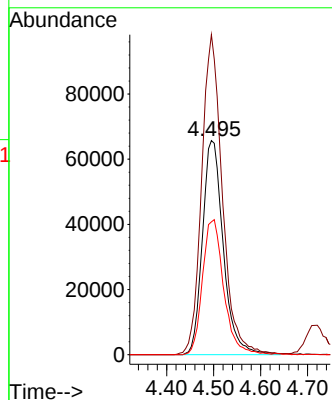
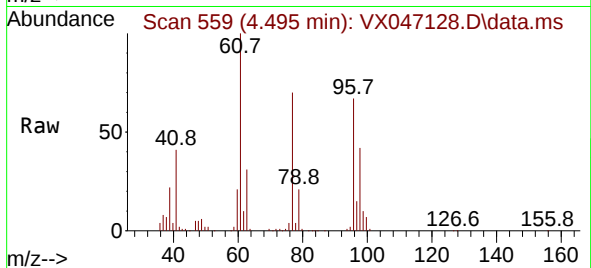
98 64.2 0.0 128.8

Manual Integrations

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Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#28

Bromochloromethane

Concen: 53.006 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

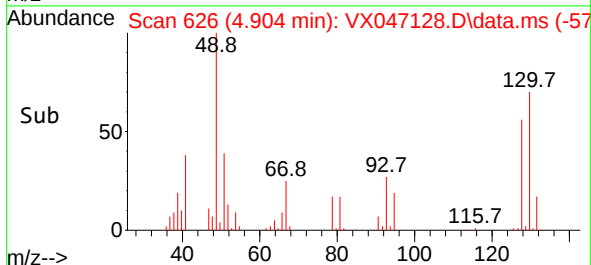
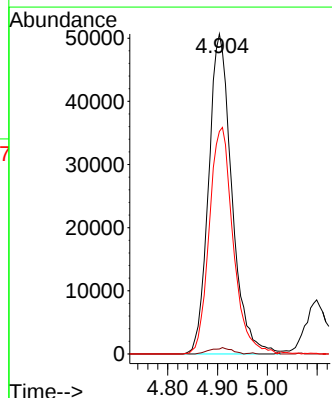
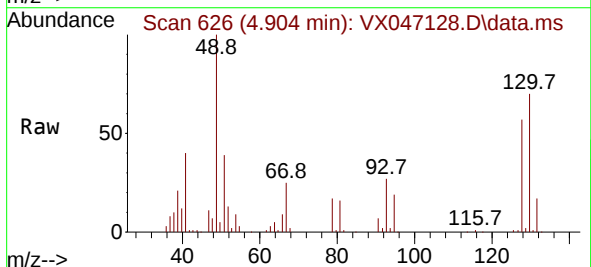
Tgt Ion: 49 Resp: 164207

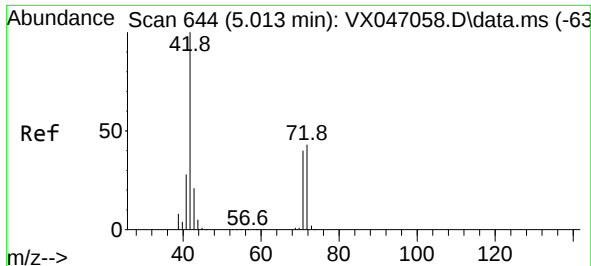
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 72.4 59.0 88.4





#29

Tetrahydrofuran

Concen: 239.103 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.001 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

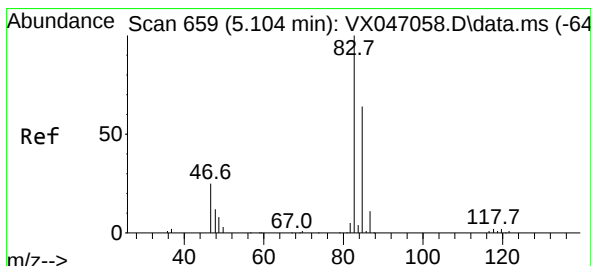
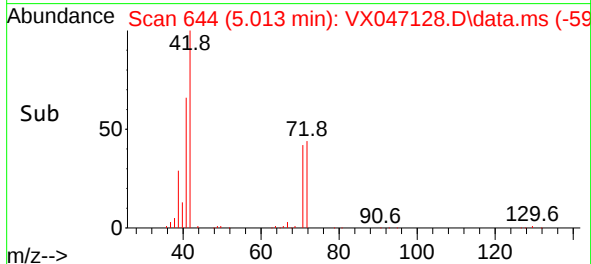
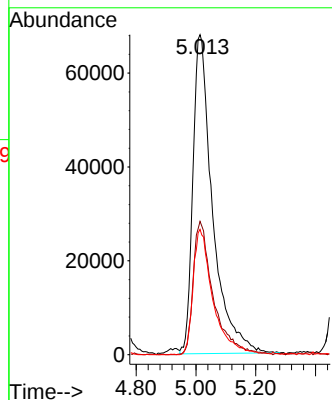
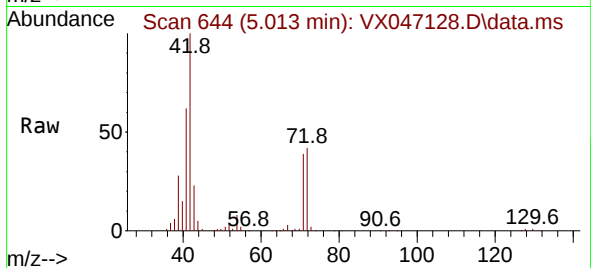
Tgt Ion: 42 Resp: 310794
 Ion Ratio Lower Upper
 42 100
 72 42.7 33.7 50.5
 71 39.5 31.0 46.4

Manual Integrations

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Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#30

Chloroform

Concen: 47.761 ug/l

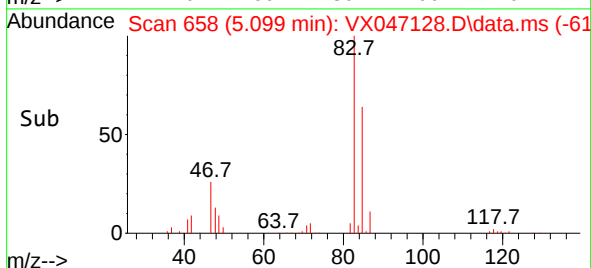
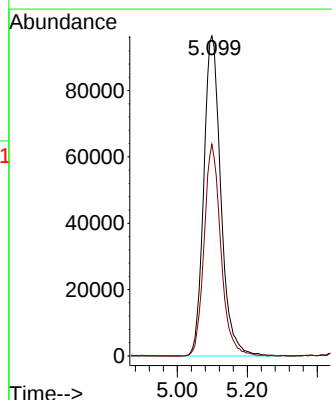
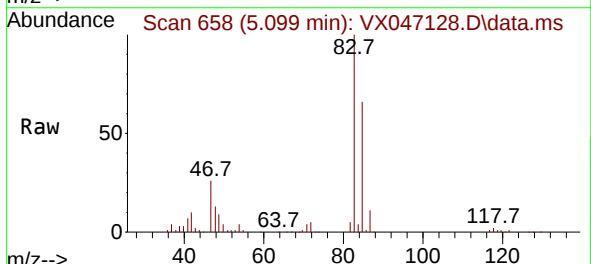
RT: 5.099 min Scan# 658

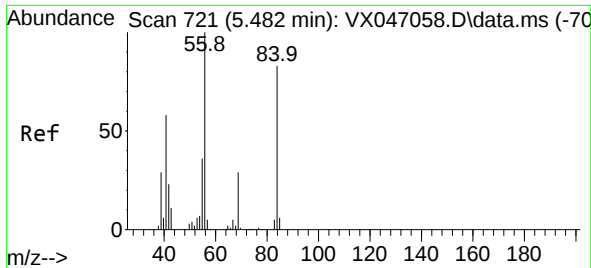
Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

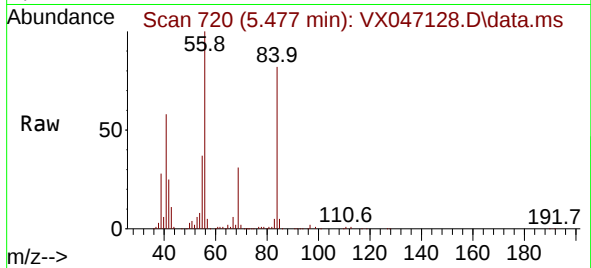
Tgt Ion: 83 Resp: 327370
 Ion Ratio Lower Upper
 83 100
 85 66.1 50.9 76.3





#31
Cyclohexane
Concen: 45.590 ug/l
RT: 5.477 min Scan# 712
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

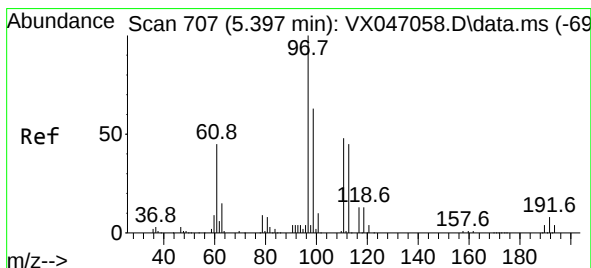
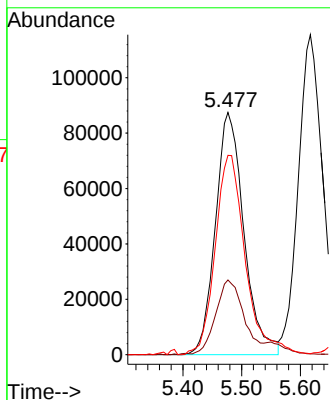
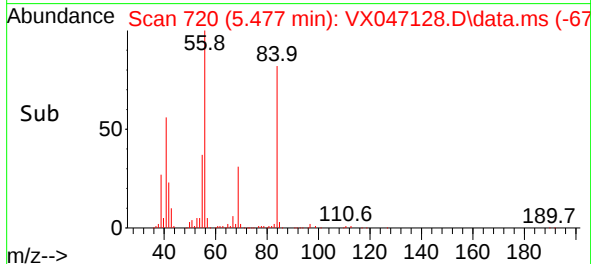
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 294352
Ion Ratio Lower Upper
56 100
69 30.5 23.3 34.9
84 82.3 66.5 99.7

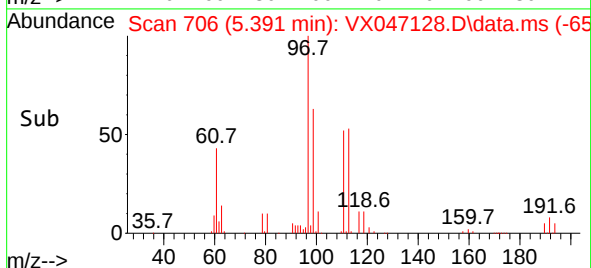
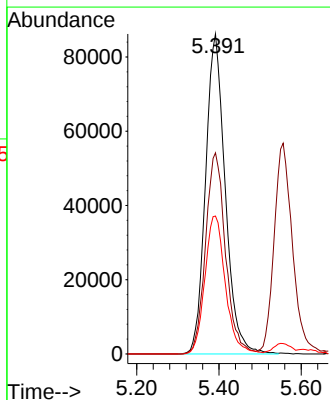
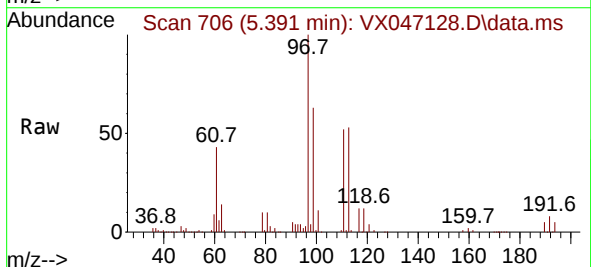
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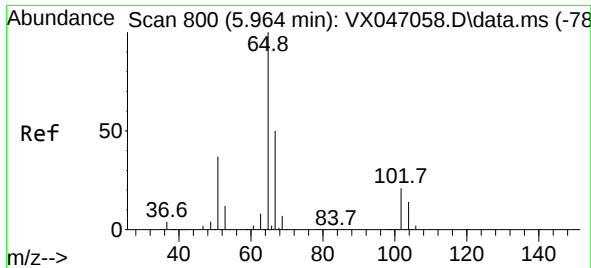
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#32
1,1,1-Trichloroethane
Concen: 48.180 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion: 97 Resp: 286842
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 45.1 37.1 55.7





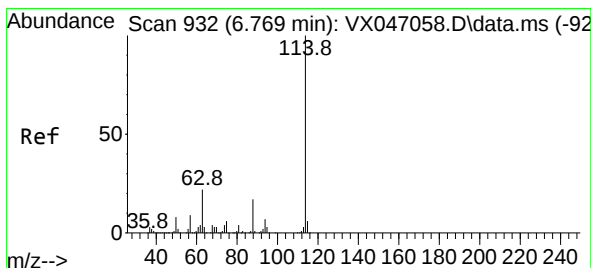
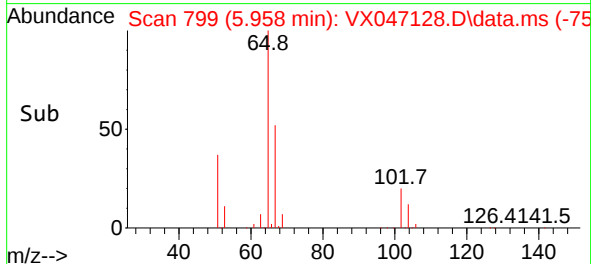
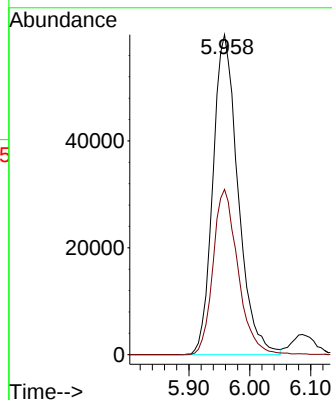
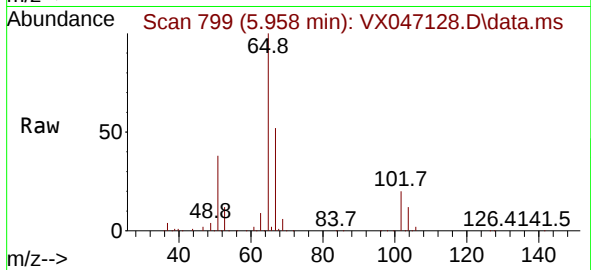
#33
 1,2-Dichloroethane-d4
 Concen: 49.756 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 17184
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.8

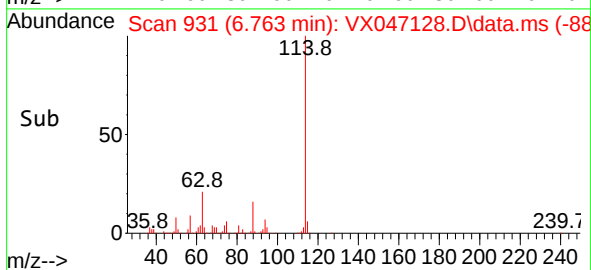
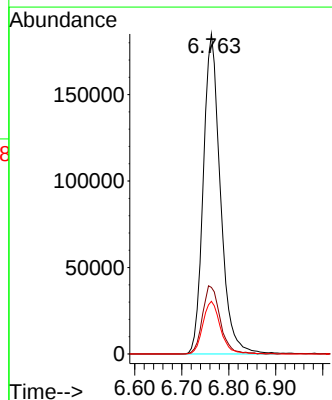
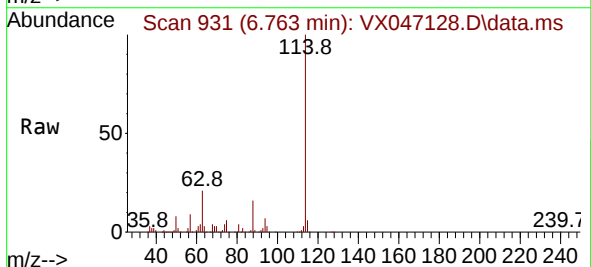
Manual Integrations
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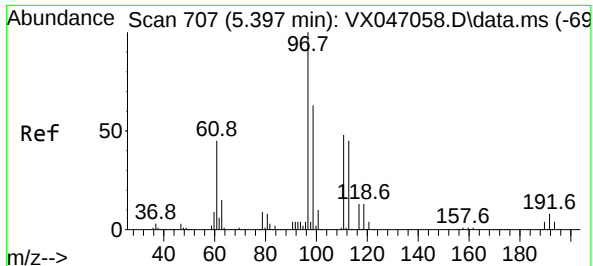
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40

Tgt Ion:114 Resp: 466924
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.233 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 144820

Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

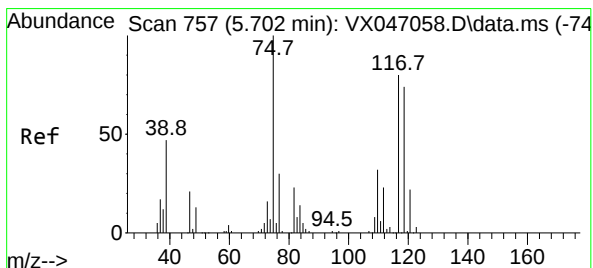
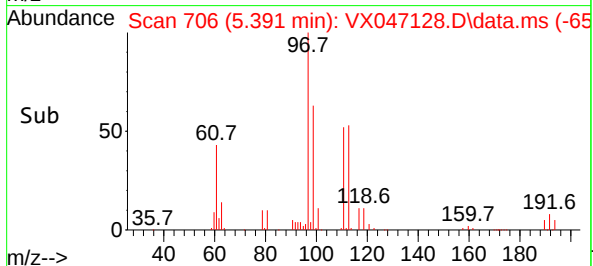
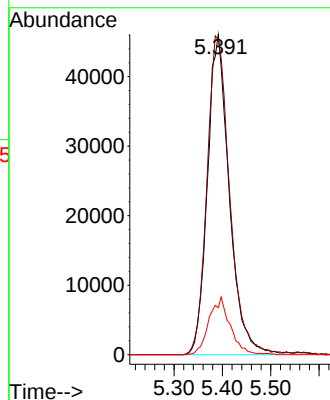
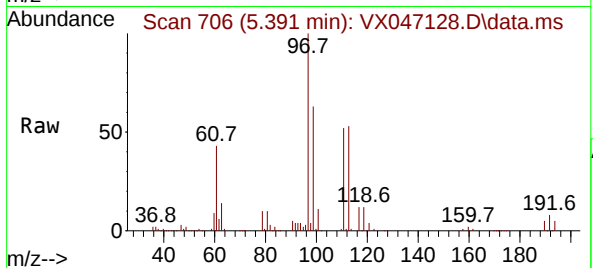
192 17.5 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#36

1,1-Dichloropropene

Concen: 45.506 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

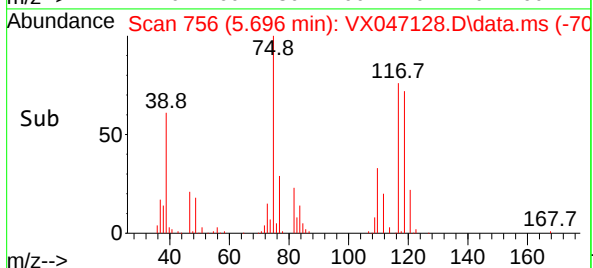
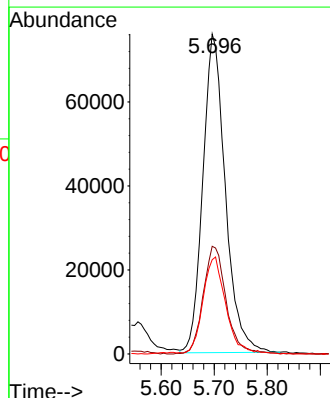
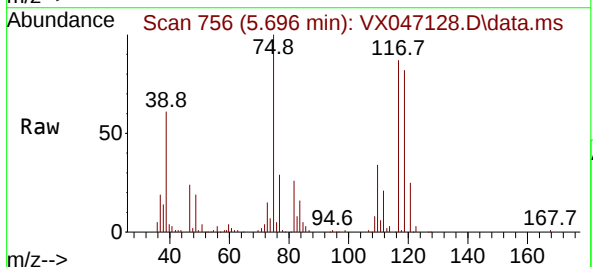
Tgt Ion: 75 Resp: 223629

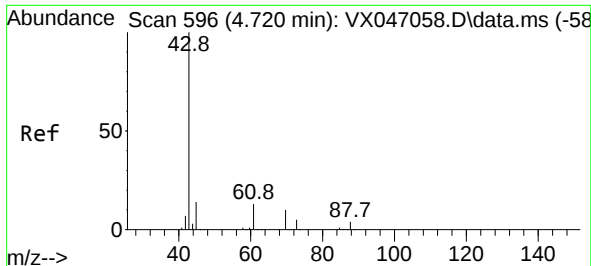
Ion Ratio Lower Upper

75 100

110 34.5 17.2 51.5

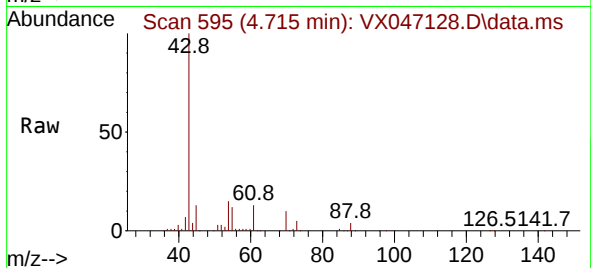
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 50.664 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

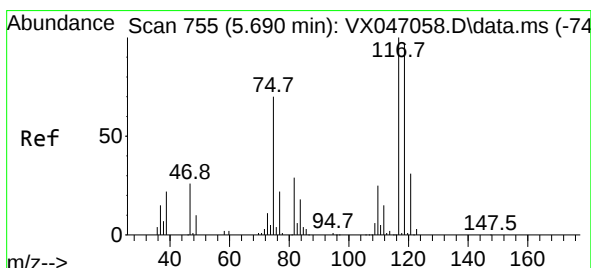
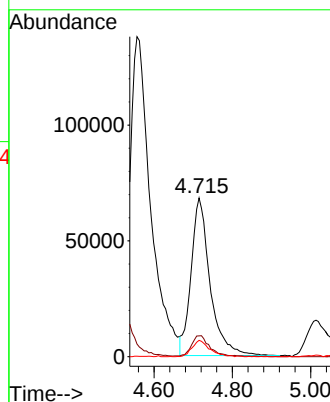
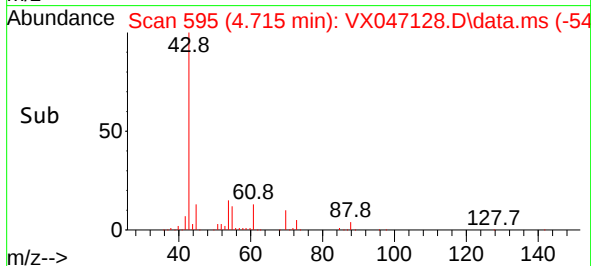
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 229418
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.6 8.1 12.1

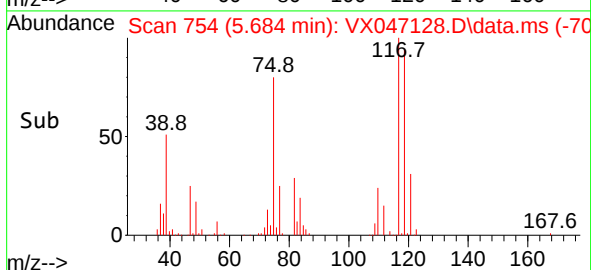
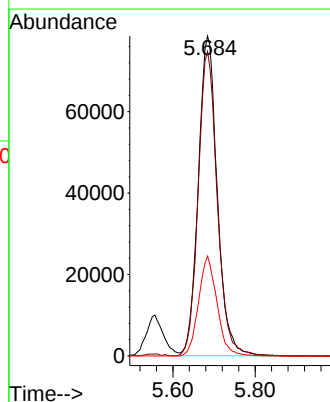
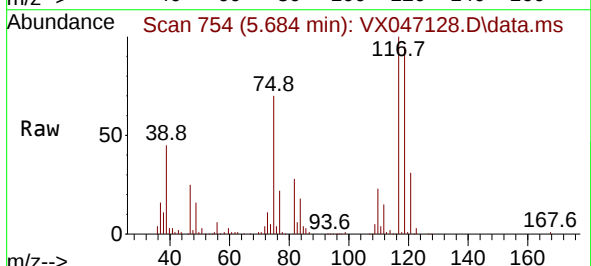
Manual Integrations
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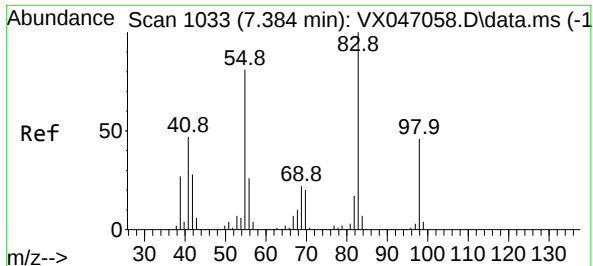
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#38
Carbon Tetrachloride
Concen: 47.934 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion:117 Resp: 251416
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0
121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 47.140 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.001 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 28923

Ion Ratio Lower Upper

83 100

55 79.0 64.5 96.7

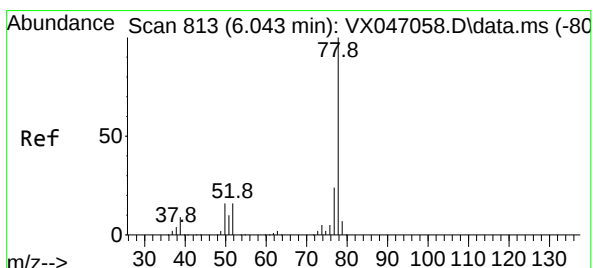
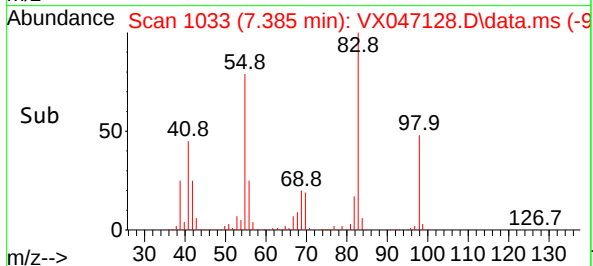
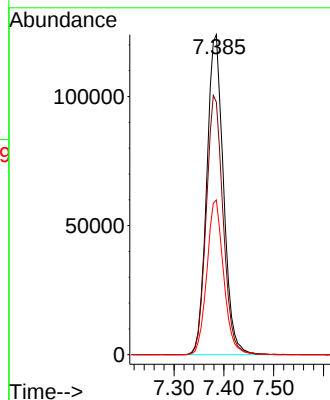
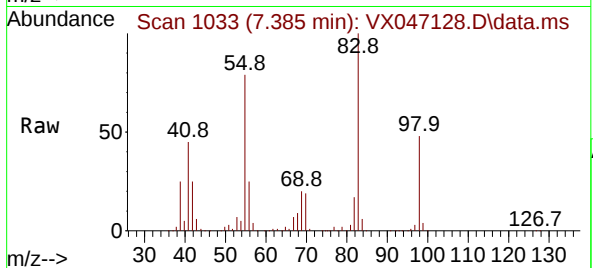
98 48.4 36.9 55.3

Manual Integrations

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Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Benzene

Concen: 47.702 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX047128.D

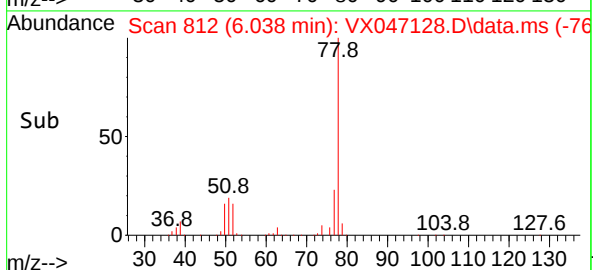
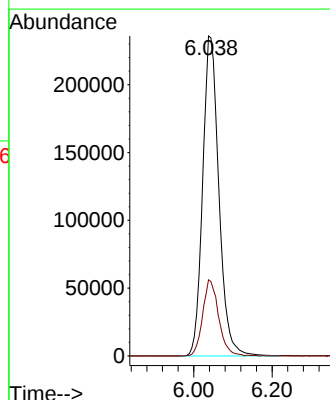
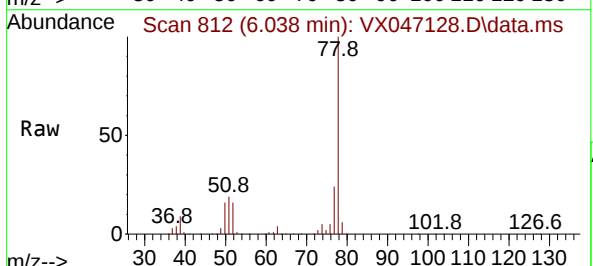
Acq: 25 Jul 2025 09:40

Tgt Ion: 78 Resp: 678414

Ion Ratio Lower Upper

78 100

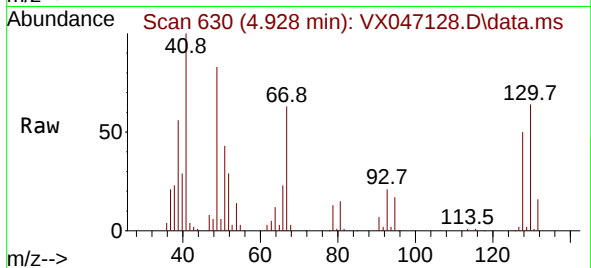
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 47.532 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

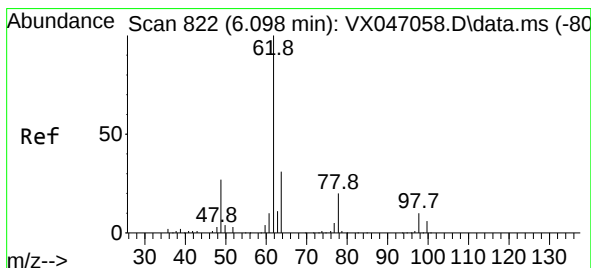
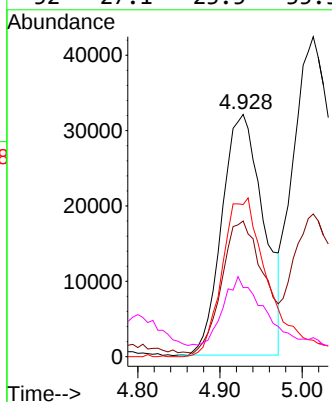
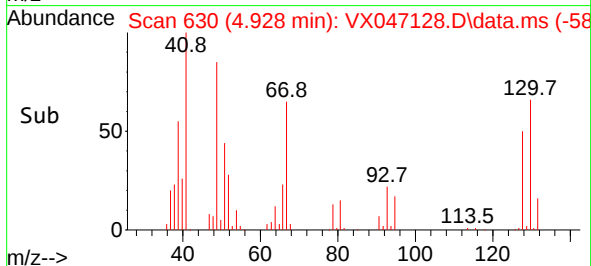
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



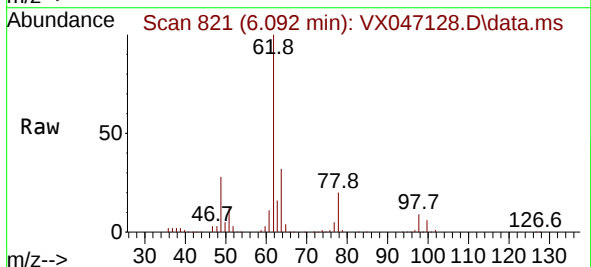
Tgt Ion: 41 Resp: 112540
Ion Ratio Lower Upper
41 100
39 54.4 44.2 66.2
67 76.3 56.4 84.6
52 27.1 23.5 35.3

Manual Integrations
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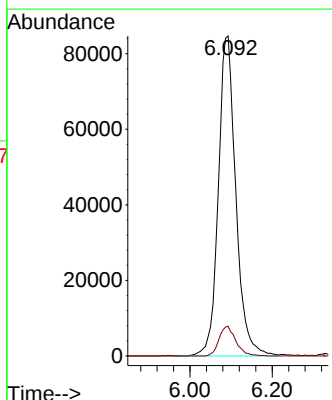
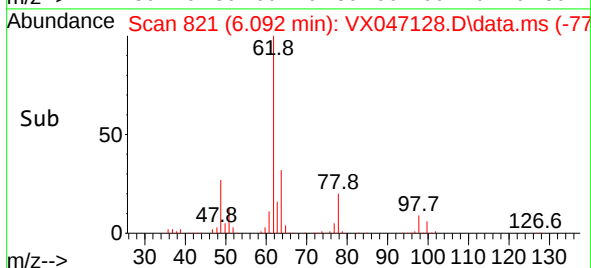
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

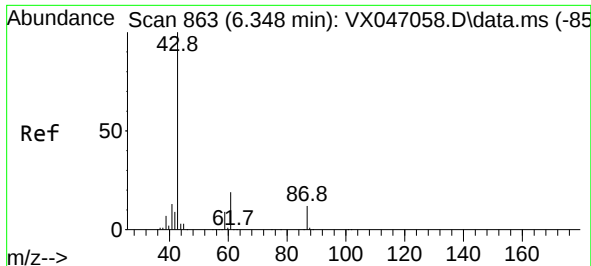


#42
1,2-Dichloroethane
Concen: 49.978 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40



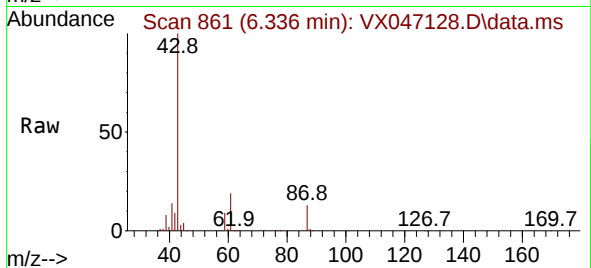
Tgt Ion: 62 Resp: 250375
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 51.387 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

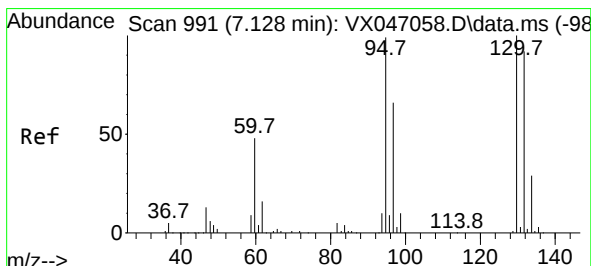
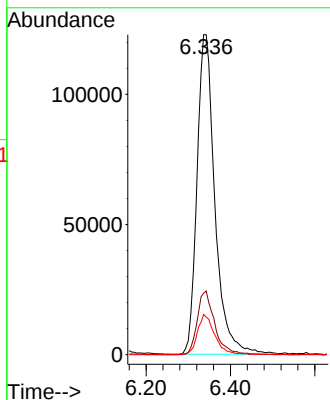
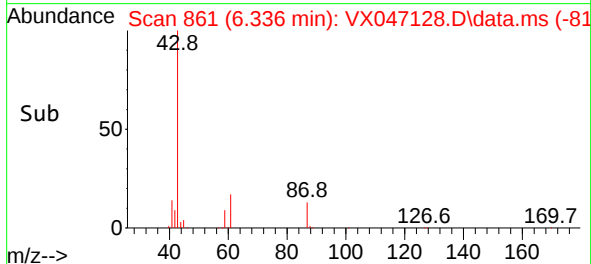
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 362759
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7
87 12.1 9.7 14.5

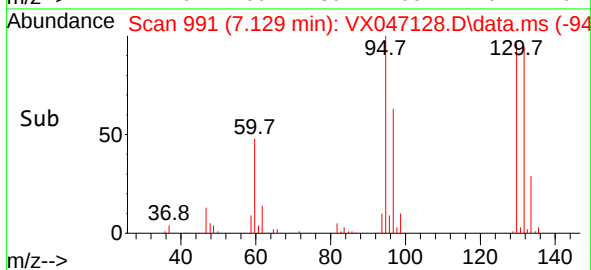
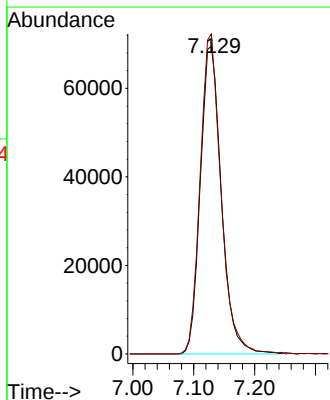
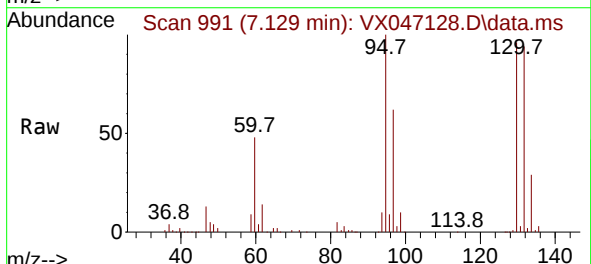
Manual Integrations
APPROVED

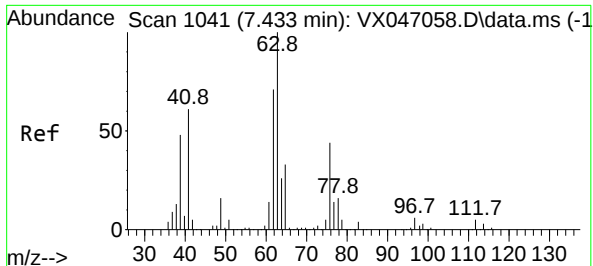
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#44
Trichloroethene
Concen: 45.874 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion:130 Resp: 167301
Ion Ratio Lower Upper
130 100
95 104.0 0.0 198.6





#45

1,2-Dichloropropane

Concen: 48.661 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 173328

Ion Ratio Lower Upper

63 100

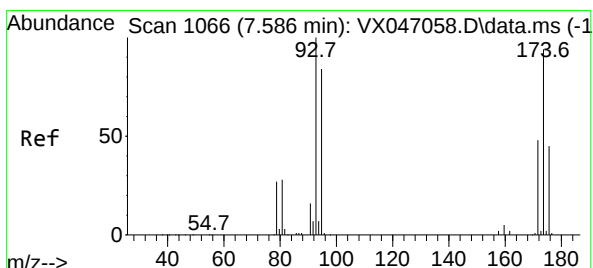
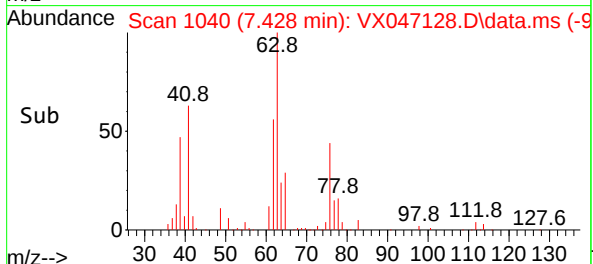
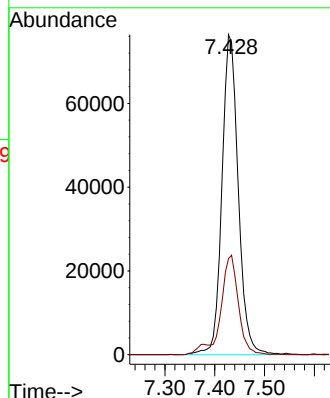
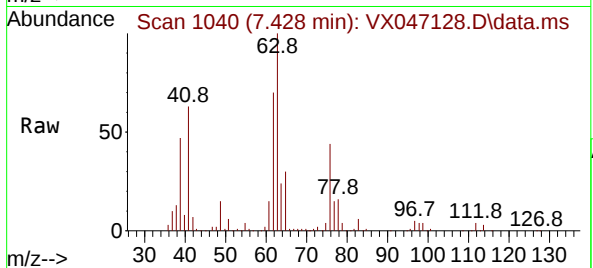
65 30.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#46

Dibromomethane

Concen: 50.078 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

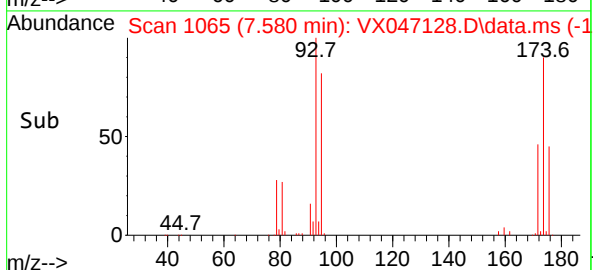
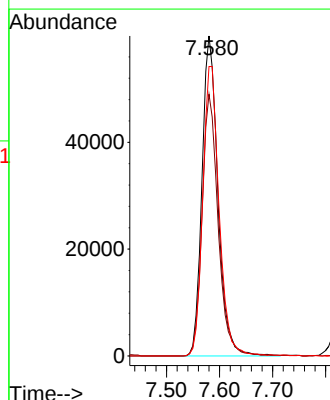
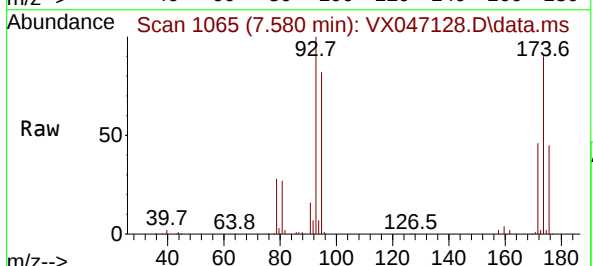
Tgt Ion: 93 Resp: 125088

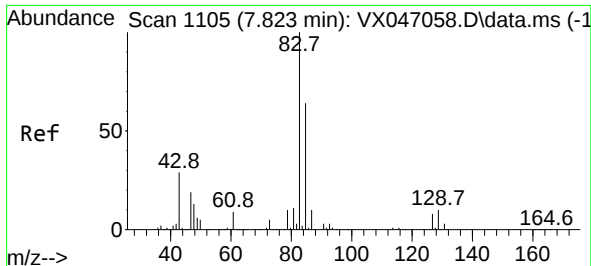
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

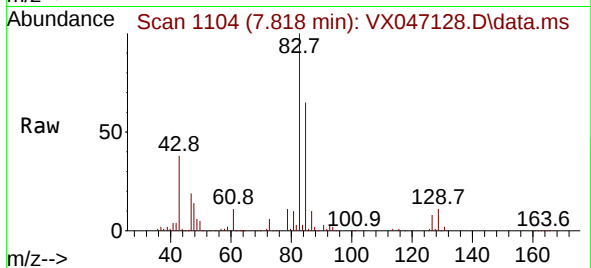
174 92.9 74.6 112.0





#47
Bromodichloromethane
Concen: 49.729 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

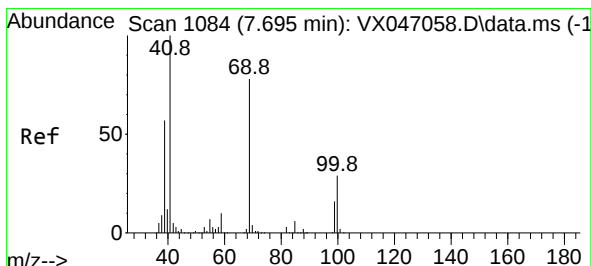
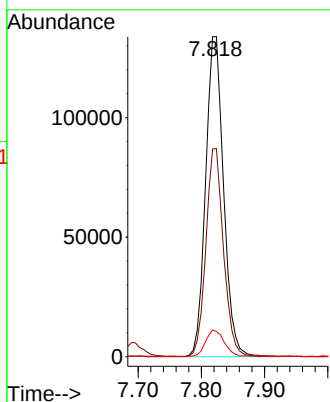
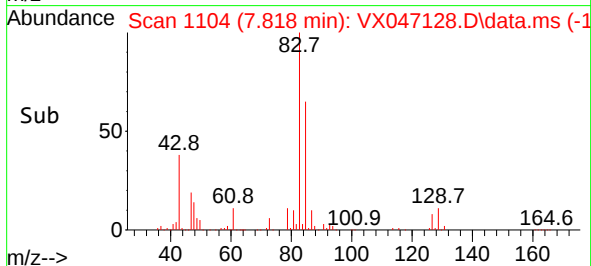
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 264392
Ion Ratio Lower Upper
83 100
85 64.8 49.9 74.9
127 8.2 6.6 10.0

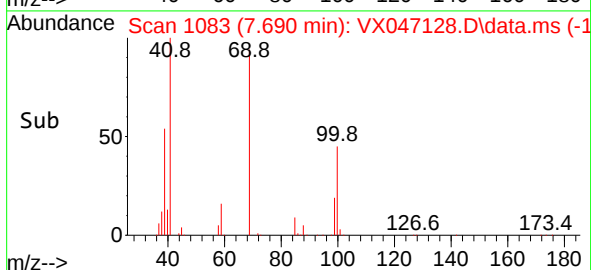
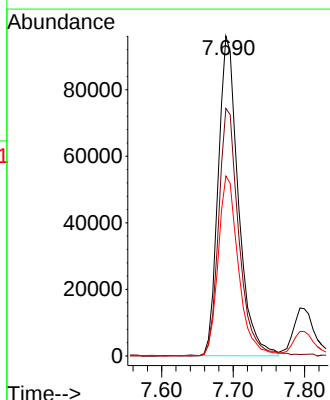
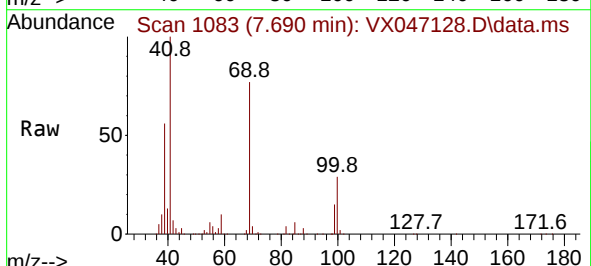
Manual Integrations
APPROVED

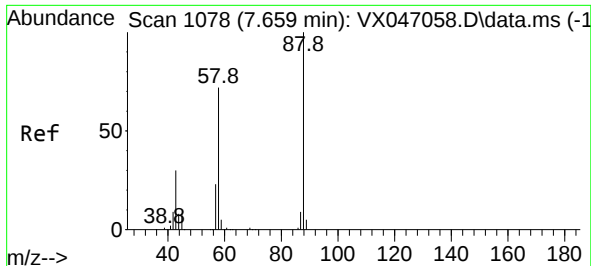
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#48
Methyl methacrylate
Concen: 48.819 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

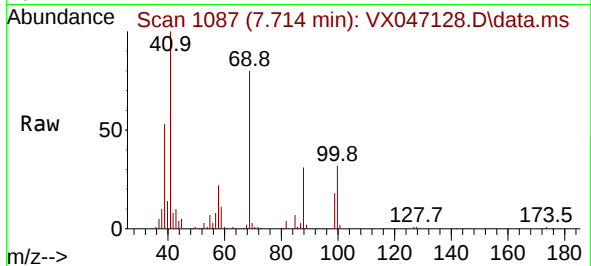
Tgt Ion: 41 Resp: 187745
Ion Ratio Lower Upper
41 100
69 77.8 62.3 93.5
39 56.7 44.8 67.2





#49
1,4-Dioxane
Concen: 1010.493 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.055 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

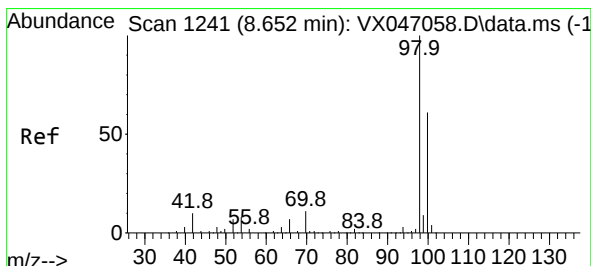
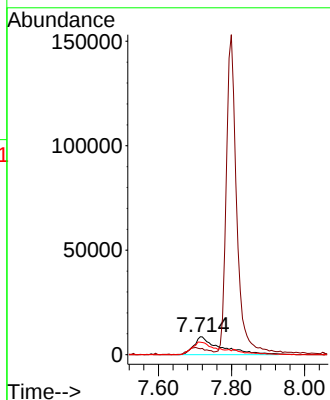
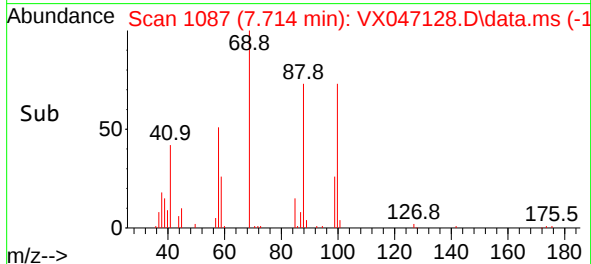
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 44199
Ion Ratio Lower Upper
88 100
43 26.6 33.6 50.4
58 62.0 58.8 88.2

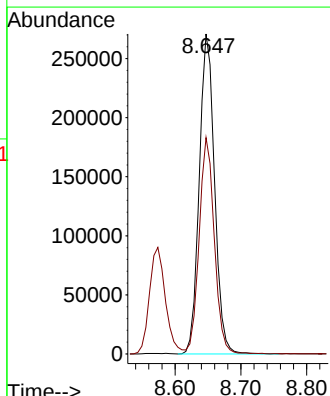
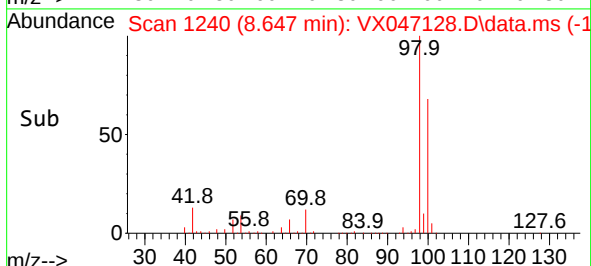
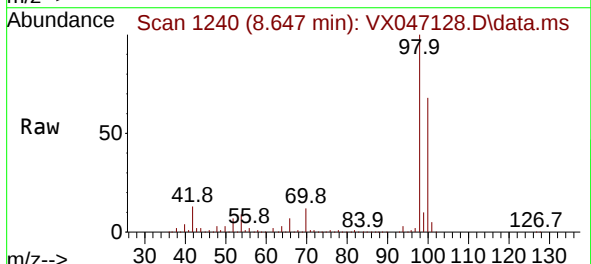
Manual Integrations
APPROVED

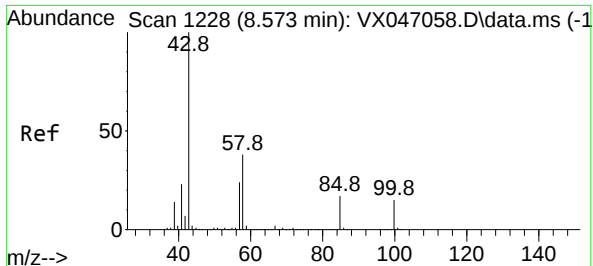
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#50
Toluene-d8
Concen: 46.914 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

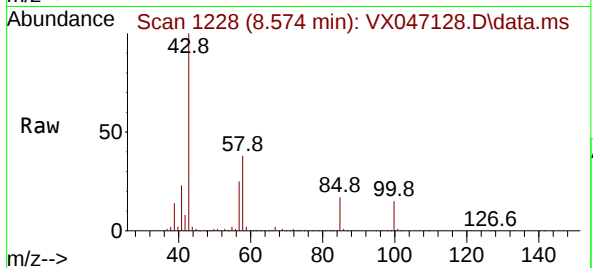
Tgt Ion: 98 Resp: 438009
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 249.553 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

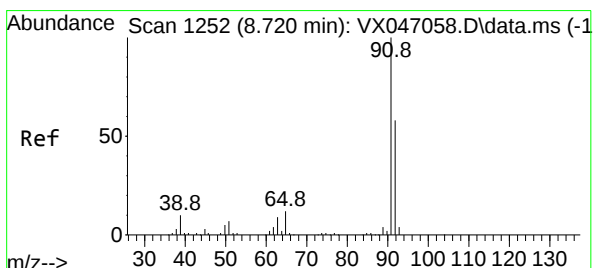
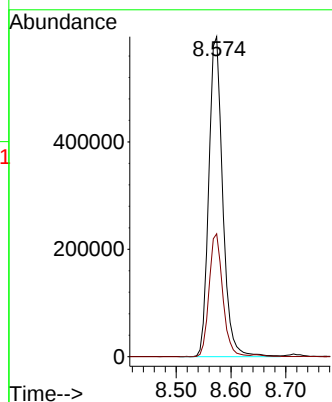
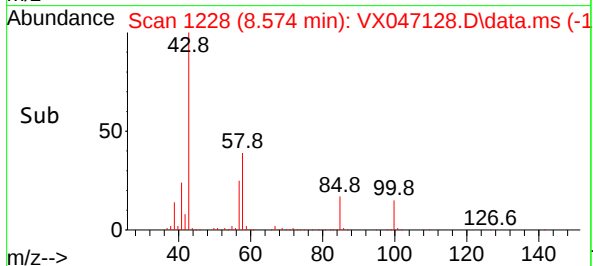
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1047128
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8

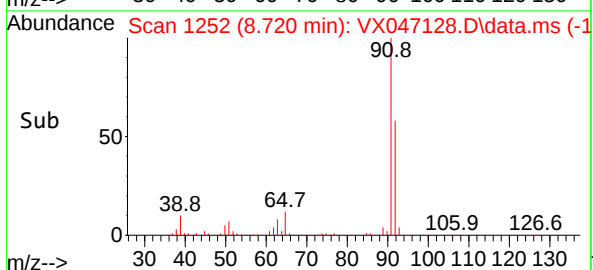
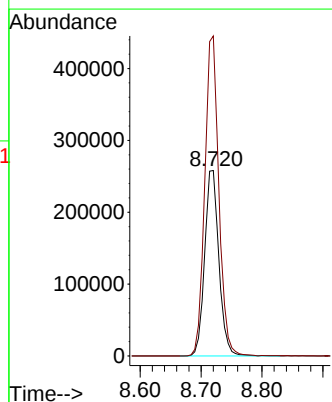
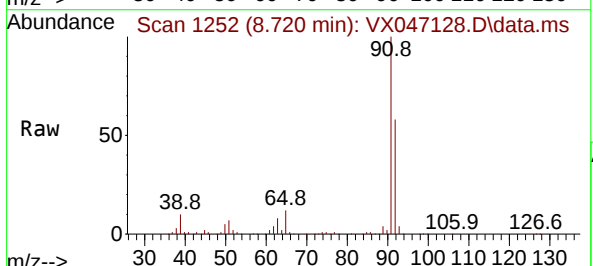
Manual Integrations
APPROVED

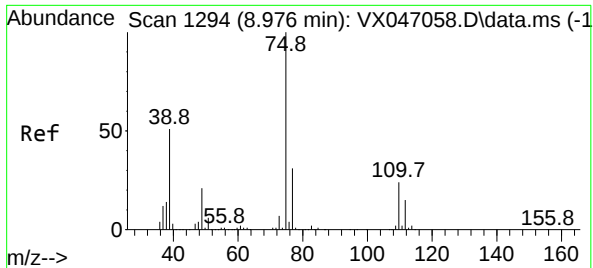
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#52
Toluene
Concen: 47.962 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

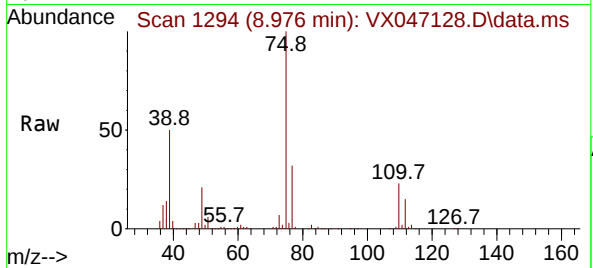
Tgt Ion: 92 Resp: 419410
Ion Ratio Lower Upper
92 100
91 170.5 137.9 206.9





#53
 t-1,3-Dichloropropene
 Concen: 50.938 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40

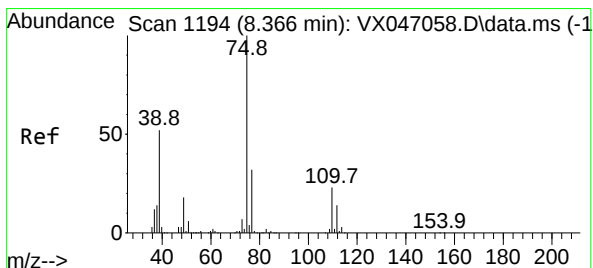
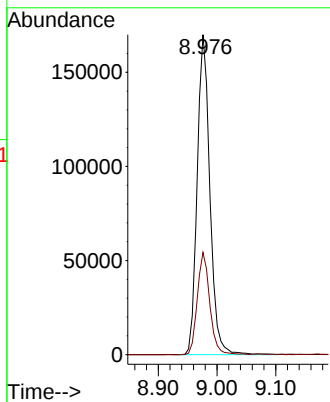
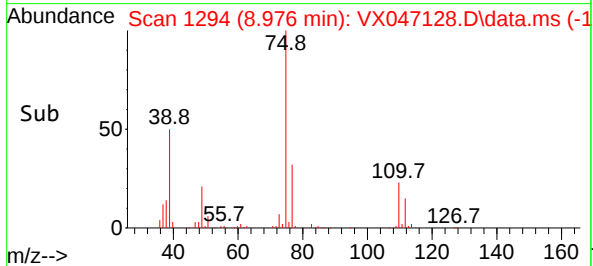
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



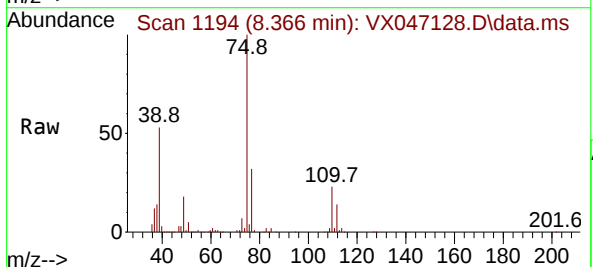
Tgt Ion: 75 Resp: 25574
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7

Manual Integrations
 APPROVED

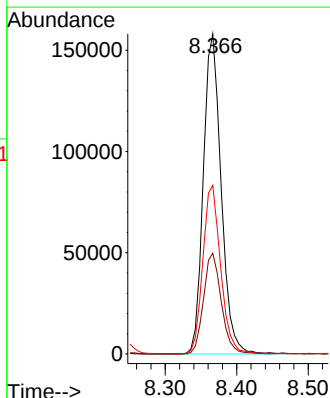
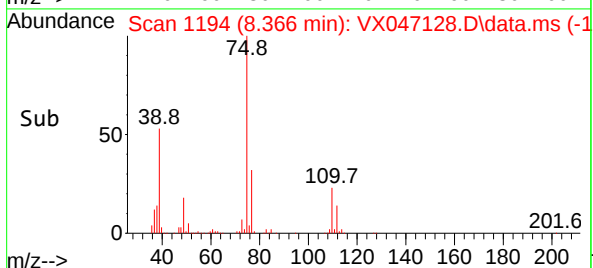
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025

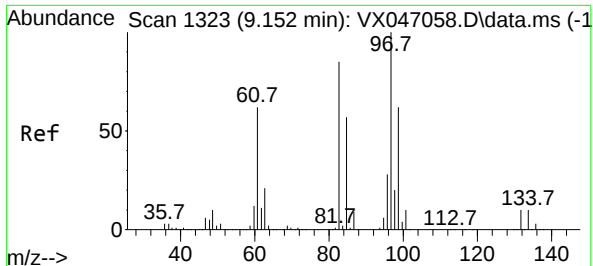


#54
 cis-1,3-Dichloropropene
 Concen: 49.798 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40



Tgt Ion: 75 Resp: 273635
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 52.1 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 49.368 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 161900

Ion Ratio Lower Upper

97 100

83 88.1 68.0 102.0

85 55.7 45.2 67.8

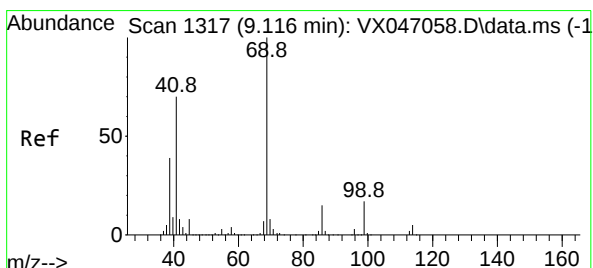
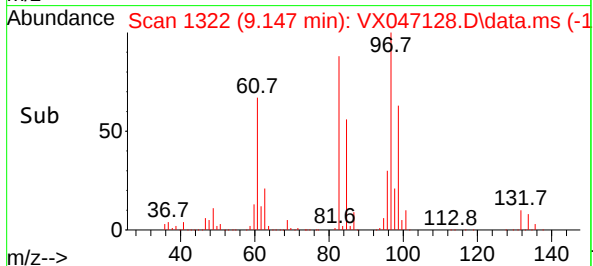
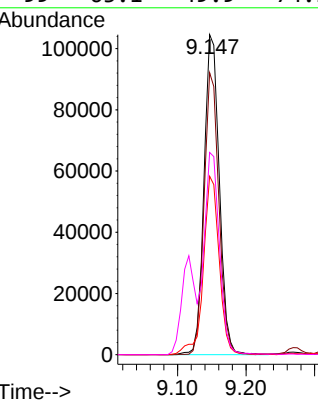
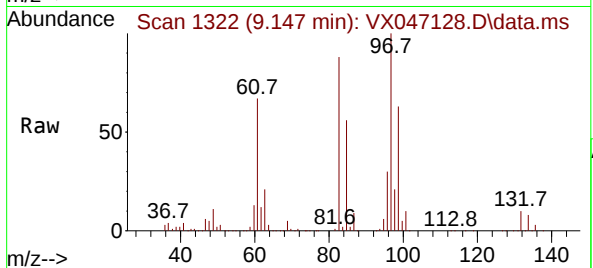
99 63.1 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#56

Ethyl methacrylate

Concen: 52.689 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.001 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

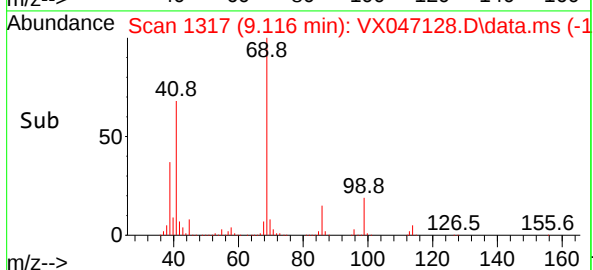
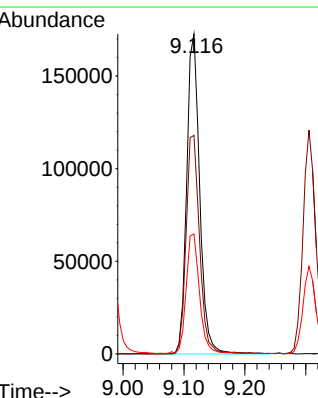
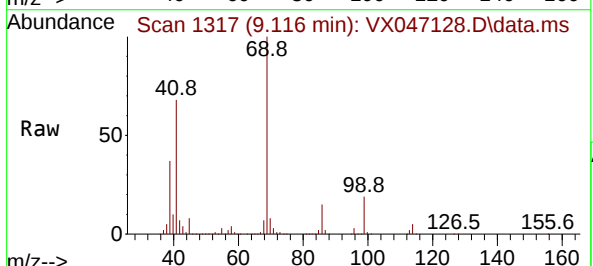
Tgt Ion: 69 Resp: 255803

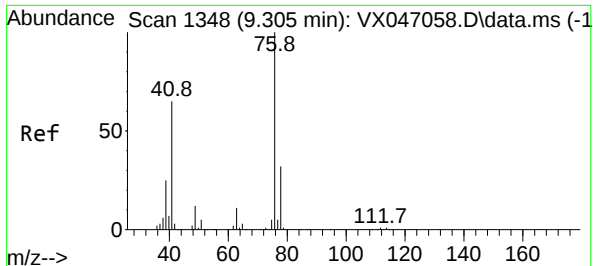
Ion Ratio Lower Upper

69 100

41 70.5 56.1 84.1

39 38.3 31.1 46.7





#57

1,3-Dichloropropane

Concen: 49.050 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 27956

Ion Ratio Lower Upper

76 100

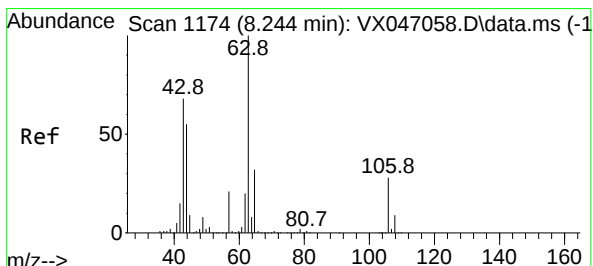
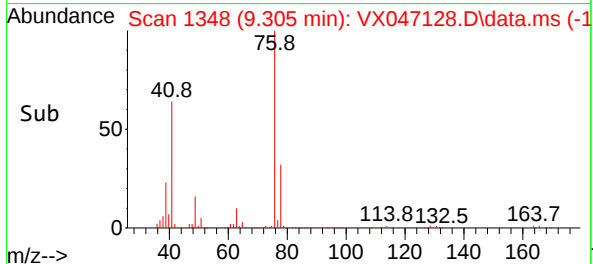
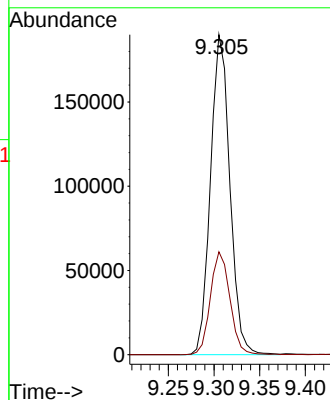
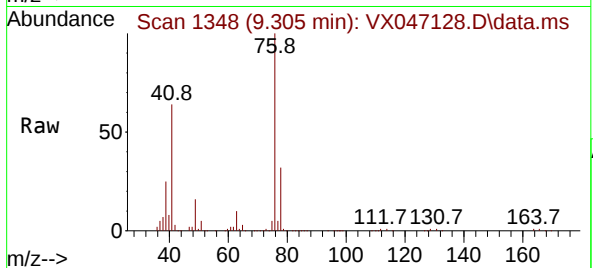
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 239.130 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047128.D

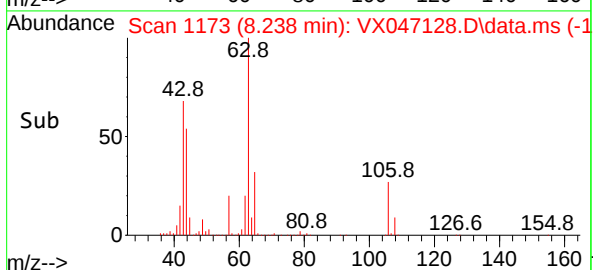
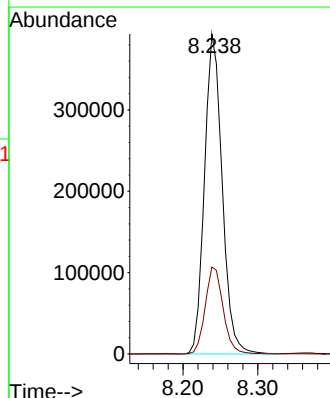
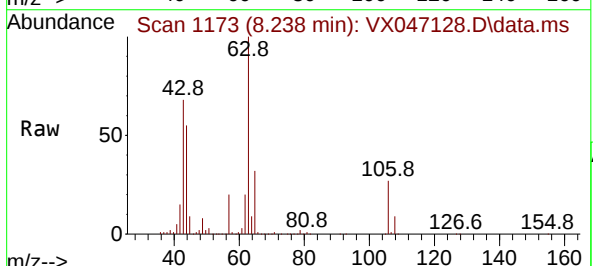
Acq: 25 Jul 2025 09:40

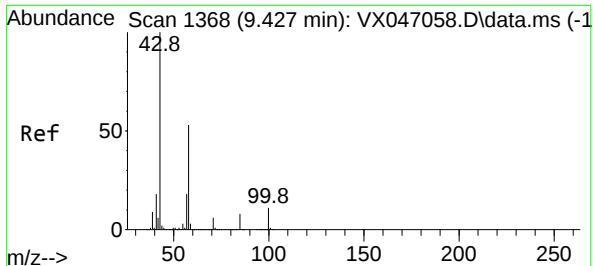
Tgt Ion: 63 Resp: 646045

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.4





#59

2-Hexanone

Concen: 259.630 ug/l

RT: 9.427 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 71975

Ion Ratio Lower Upper

43 100

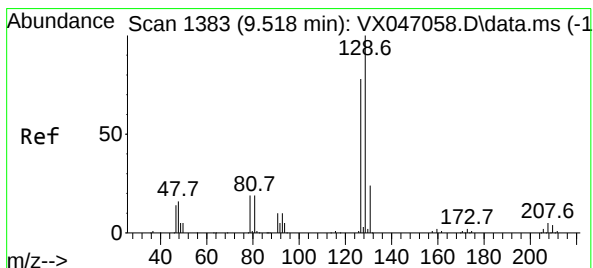
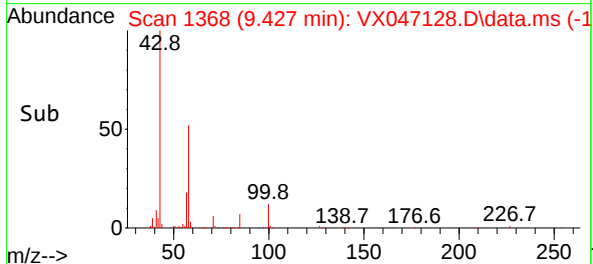
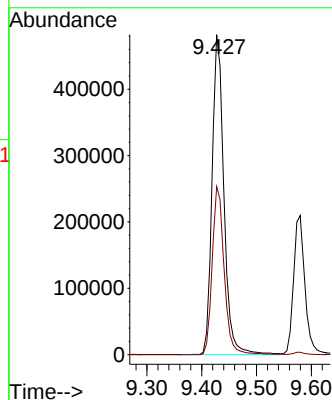
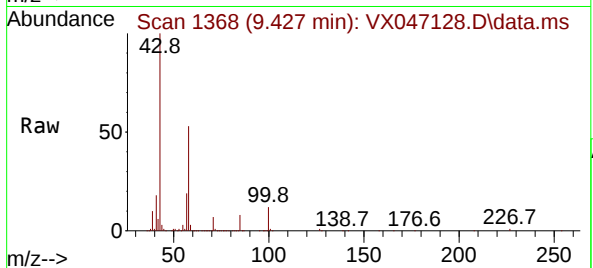
58 53.2 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#60

Dibromochloromethane

Concen: 50.574 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX047128.D

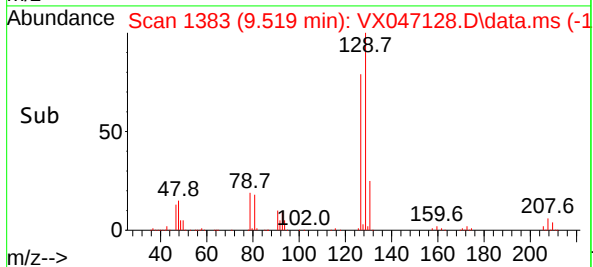
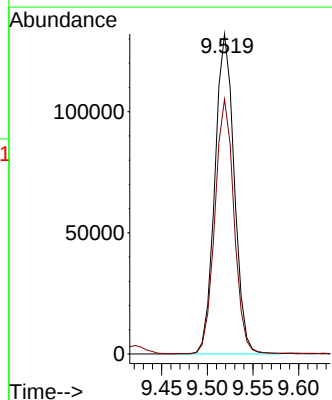
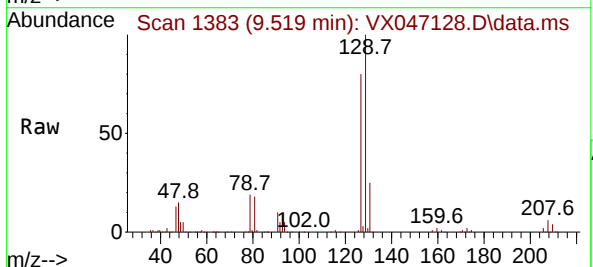
Acq: 25 Jul 2025 09:40

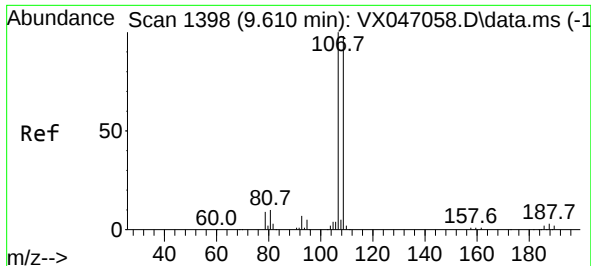
Tgt Ion:129 Resp: 194521

Ion Ratio Lower Upper

129 100

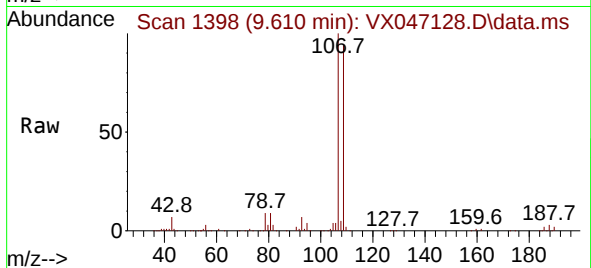
127 78.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 48.677 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

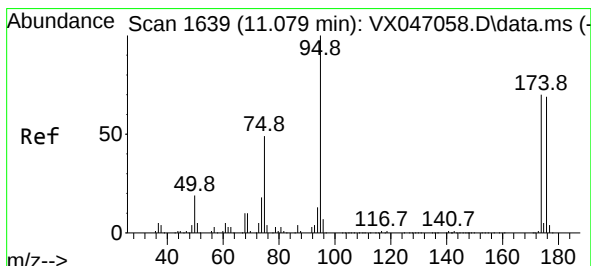
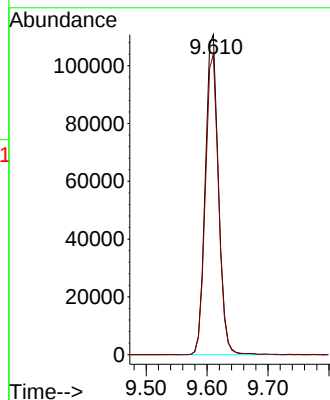
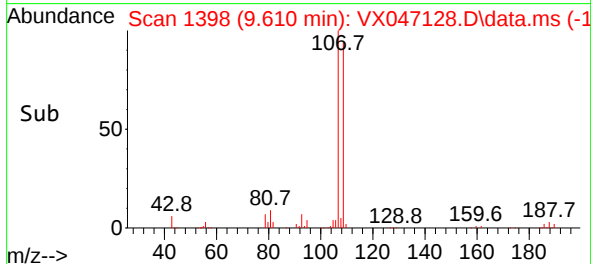
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



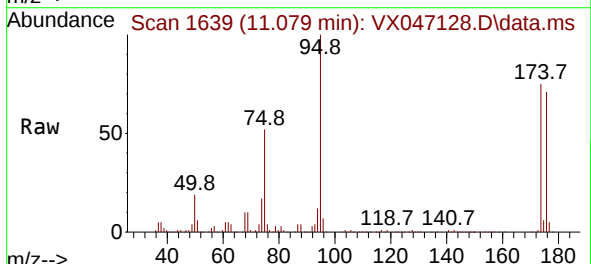
Tgt Ion:107 Resp: 16692
Ion Ratio Lower Upper
107 100
109 93.8 74.6 112.0

Manual Integrations
APPROVED

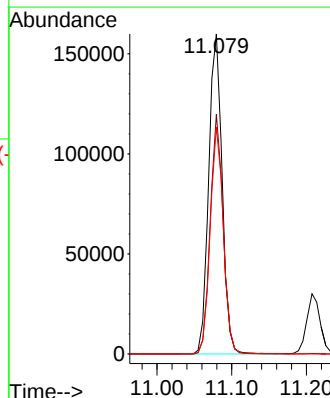
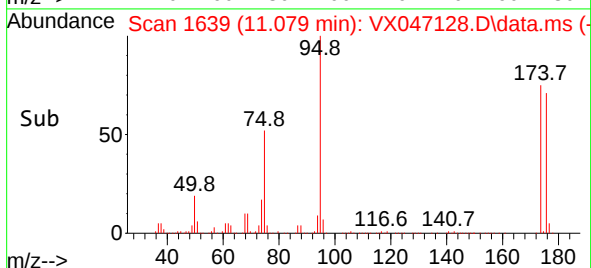
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

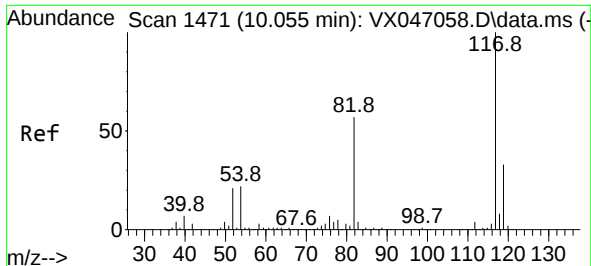


#62
4-Bromofluorobenzene
Concen: 49.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40



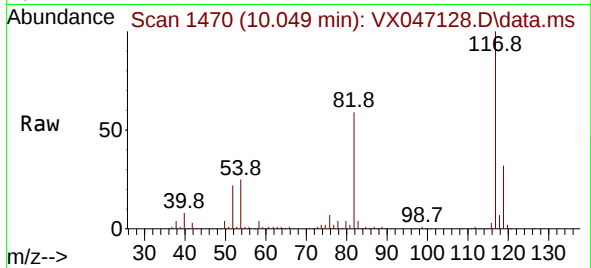
Tgt Ion: 95 Resp: 199384
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.6
176 69.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

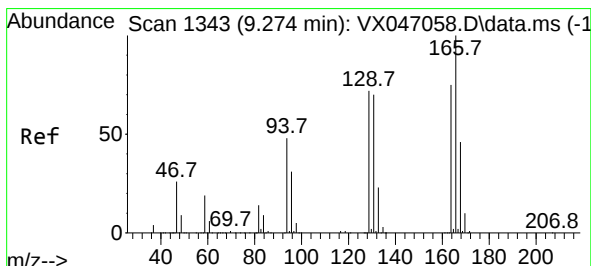
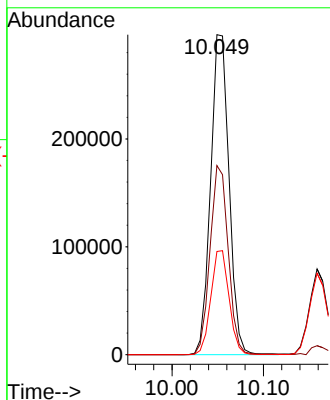
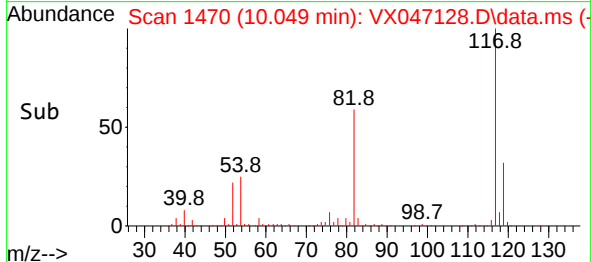
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 414717
Ion Ratio Lower Upper
117 100
82 59.1 45.4 68.2
119 32.3 26.1 39.1

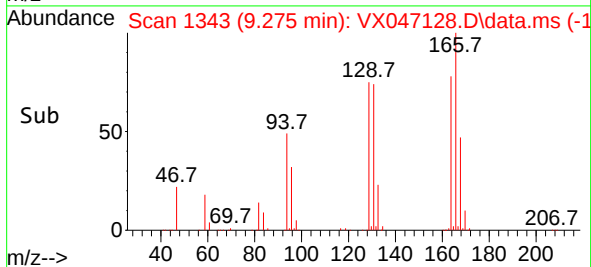
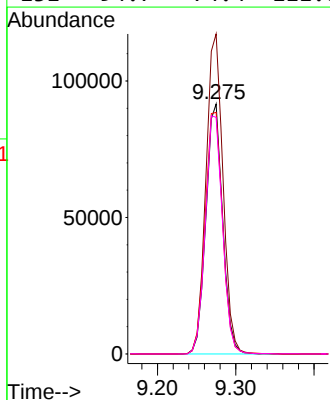
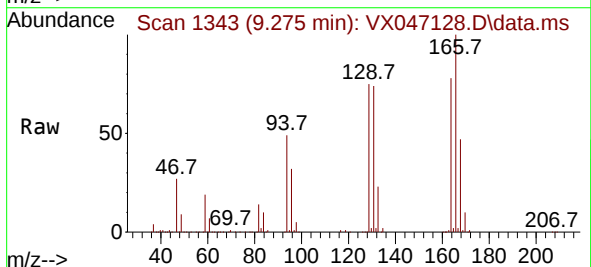
Manual Integrations
APPROVED

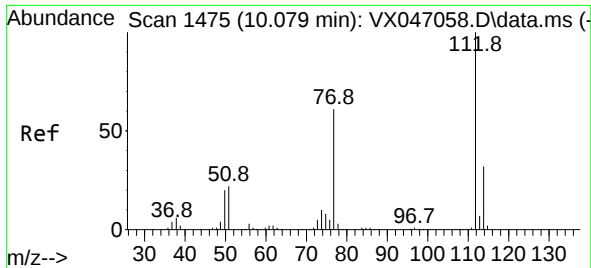
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#64
Tetrachloroethene
Concen: 45.362 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion:164 Resp: 135617
Ion Ratio Lower Upper
164 100
166 128.0 106.2 159.4
129 96.6 76.6 114.8
131 94.7 74.4 111.6





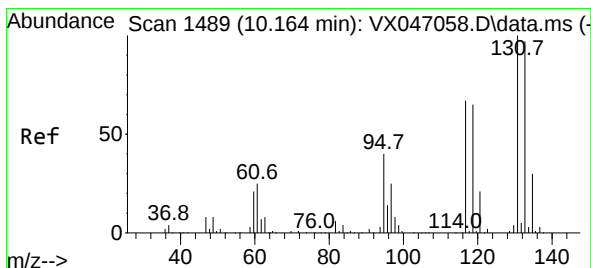
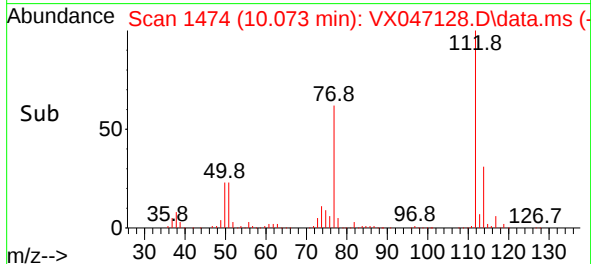
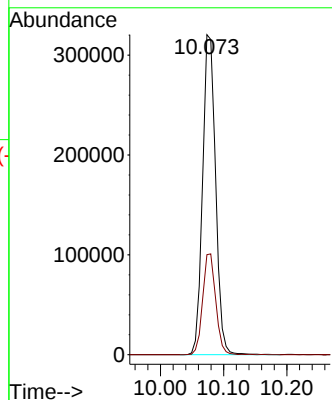
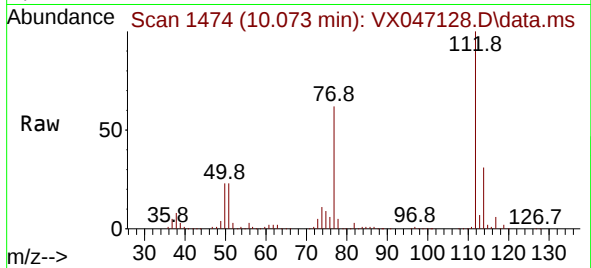
#65
Chlorobenzene
Concen: 47.277 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 45932
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

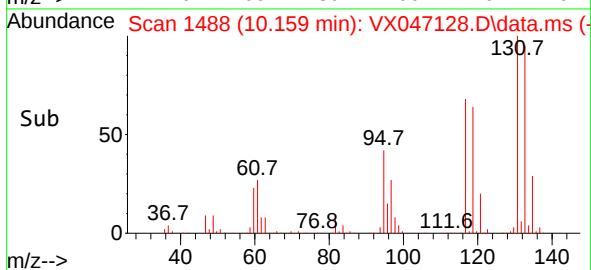
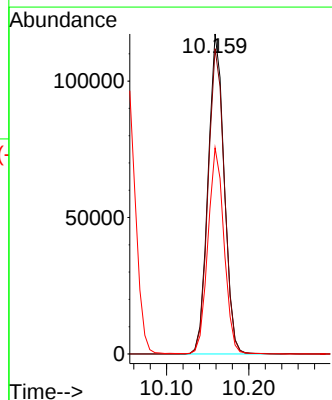
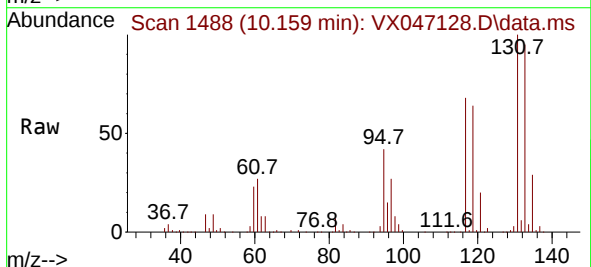
Manual Integrations
APPROVED

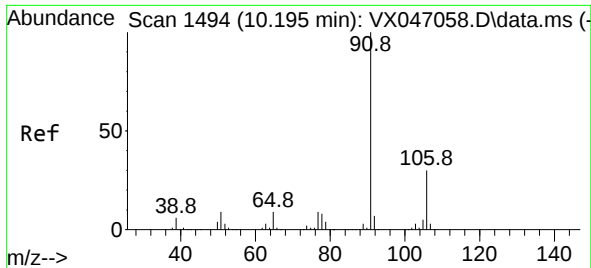
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.920 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion:131 Resp: 160016
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.3
119 64.2 32.4 97.0





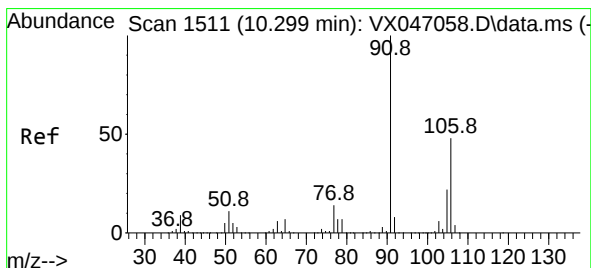
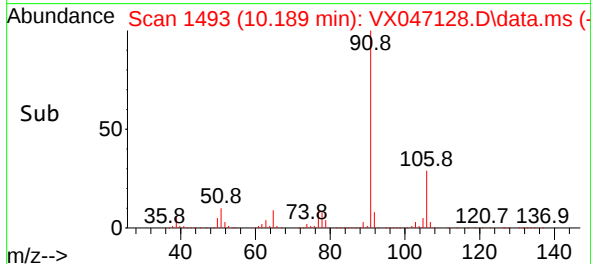
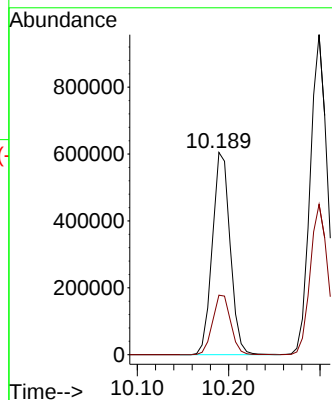
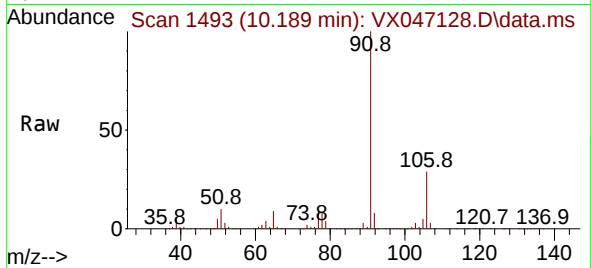
#67
Ethyl Benzene
Concen: 48.108 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 81721
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4

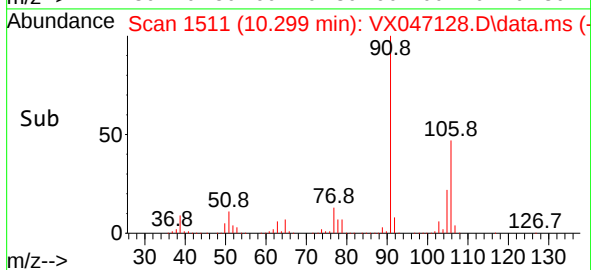
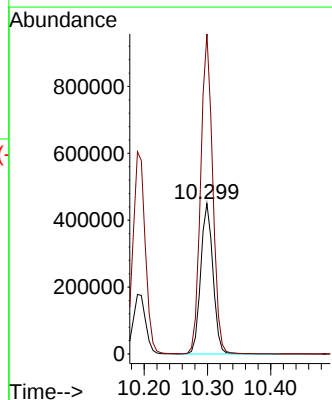
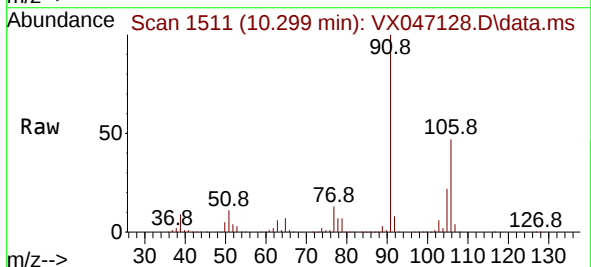
Manual Integrations
APPROVED

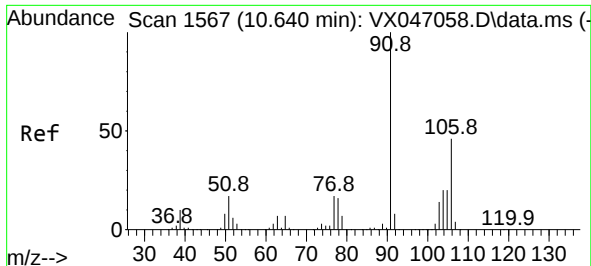
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#68
m/p-Xylenes
Concen: 95.408 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

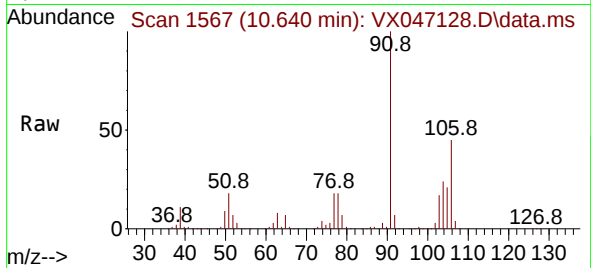
Tgt Ion:106 Resp: 606501
Ion Ratio Lower Upper
106 100
91 209.4 167.4 251.0





#69
o-Xylene
Concen: 48.054 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

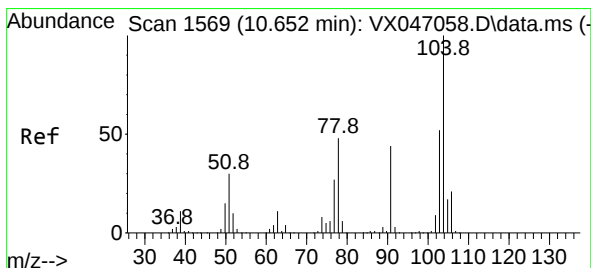
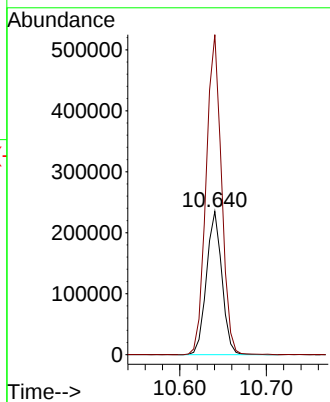
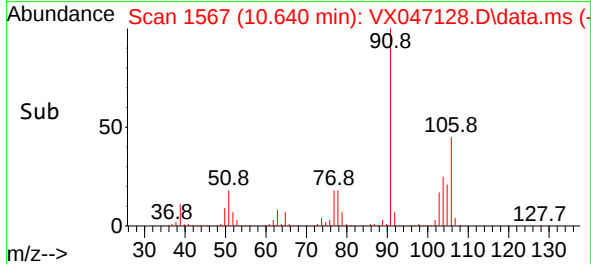
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 290604
Ion Ratio Lower Upper
106 100
91 223.3 110.3 331.0

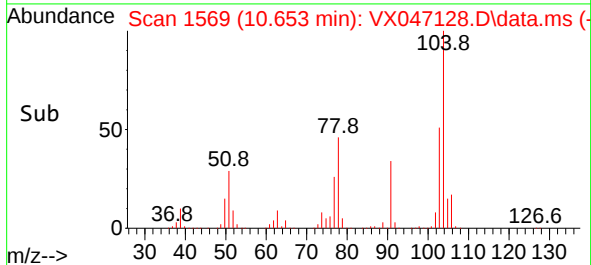
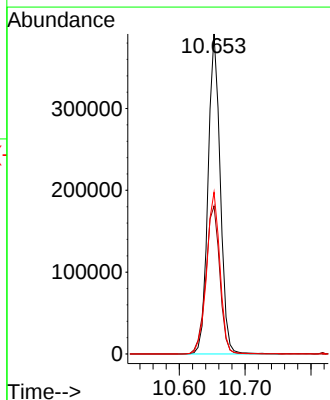
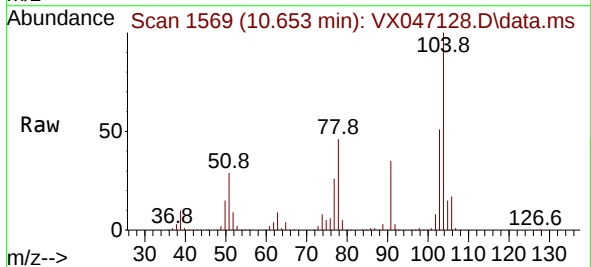
Manual Integrations
APPROVED

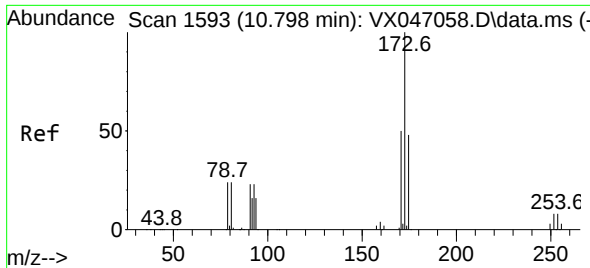
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#70
Styrene
Concen: 48.626 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

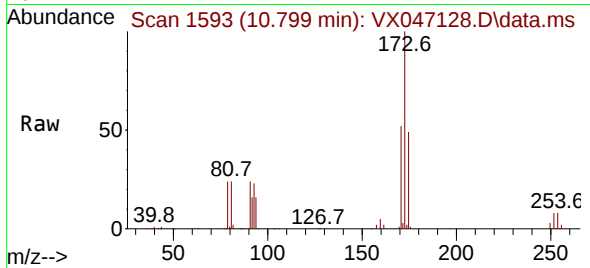
Tgt Ion:104 Resp: 504245
Ion Ratio Lower Upper
104 100
78 53.0 42.0 63.0
103 54.9 43.8 65.6





#71
Bromoform
Concen: 50.654 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

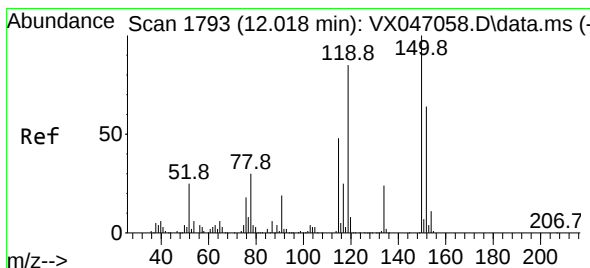
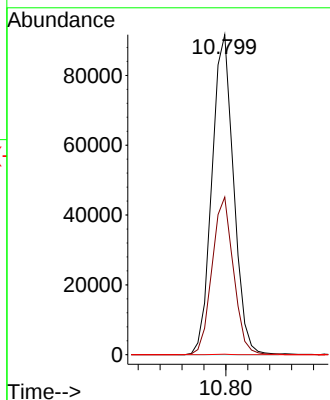
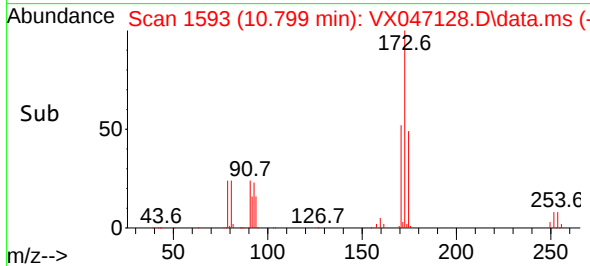
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



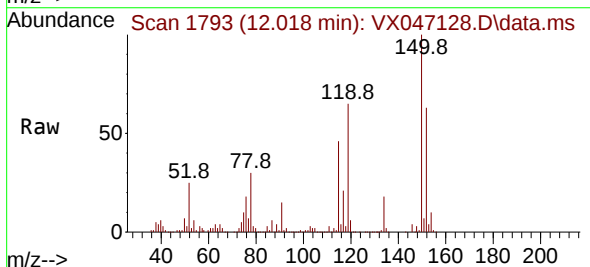
Tgt Ion:173 Resp: 12586
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

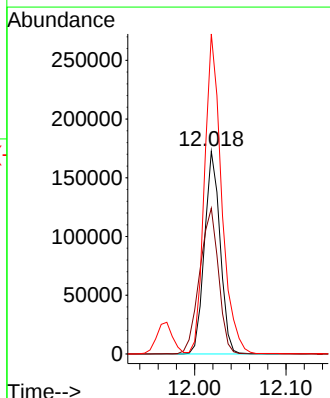
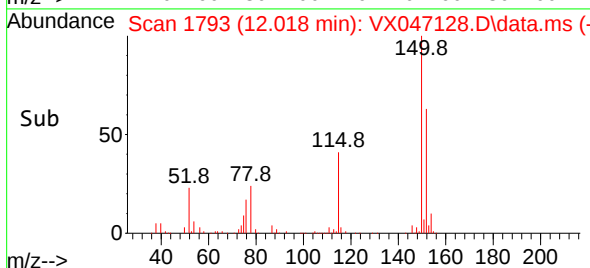
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

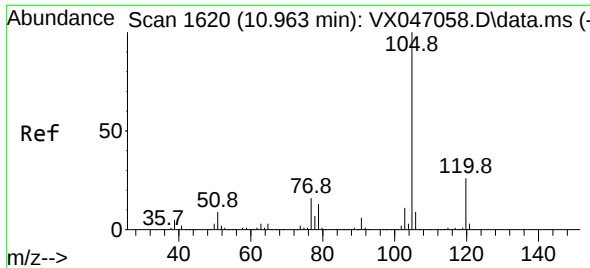


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40



Tgt Ion:152 Resp: 203517
Ion Ratio Lower Upper
152 100
115 87.2 45.6 136.7
150 173.4 0.0 354.6





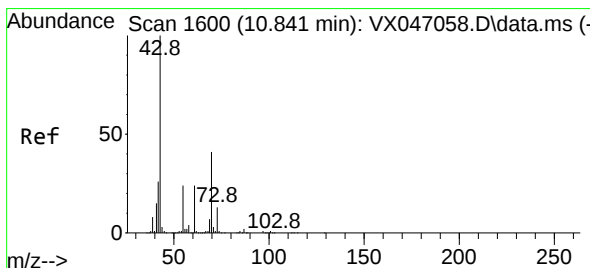
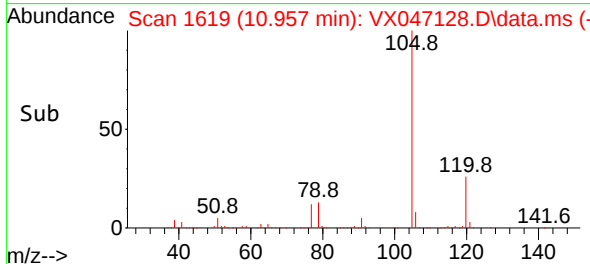
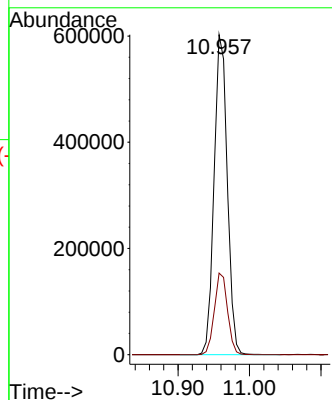
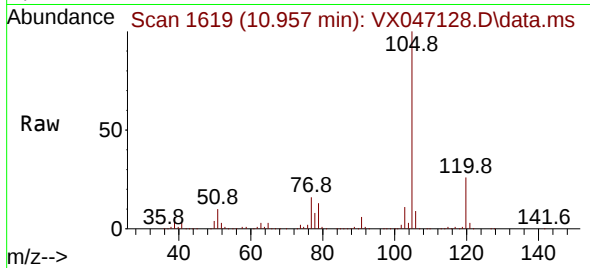
#73
Isopropylbenzene
Concen: 47.996 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 770632
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7

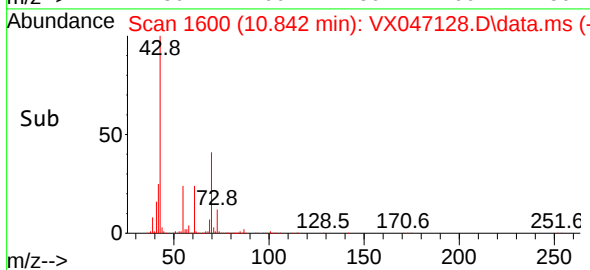
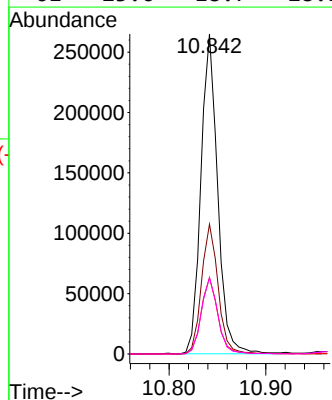
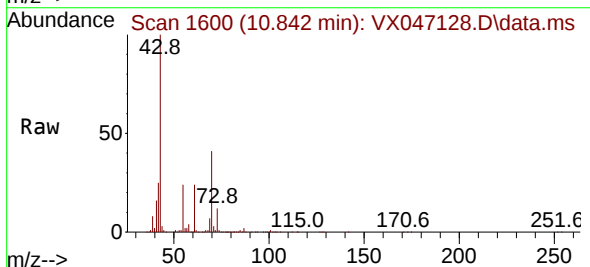
Manual Integrations
APPROVED

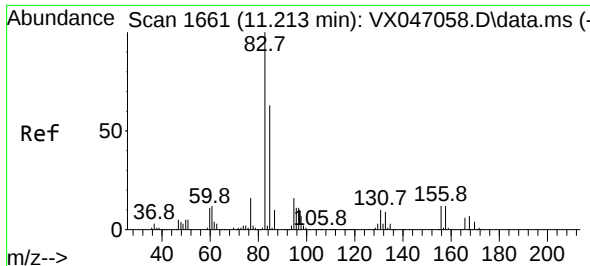
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#74
N-ethyl acetate
Concen: 49.316 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

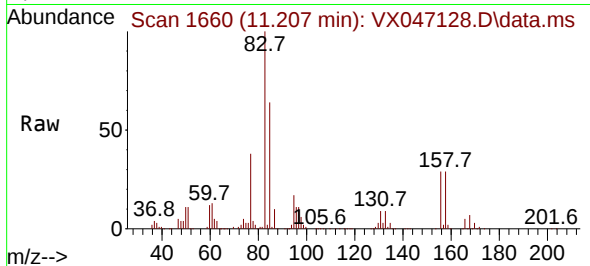
Tgt Ion: 43 Resp: 319490
Ion Ratio Lower Upper
43 100
70 40.5 32.3 48.5
55 23.8 18.9 28.3
61 23.6 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 49.732 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

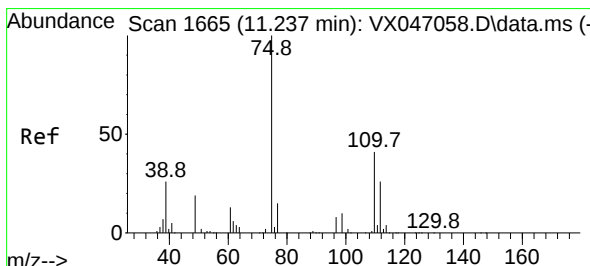
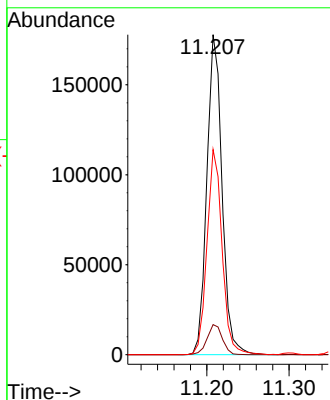
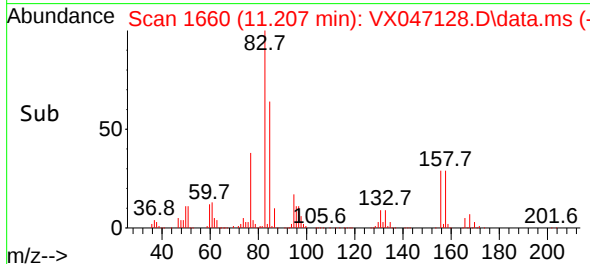
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 22809
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 63.8 32.0 96.2

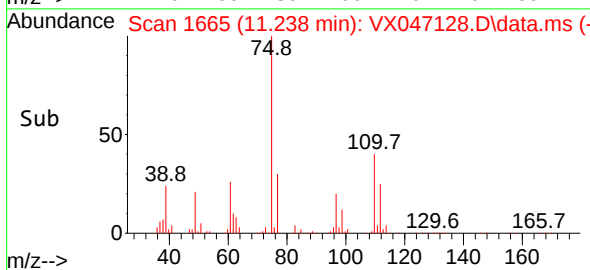
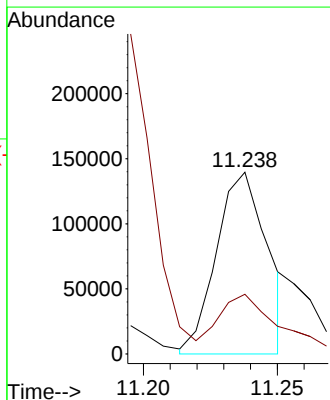
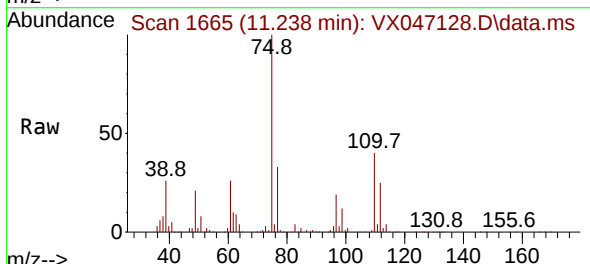
Manual Integrations
APPROVED

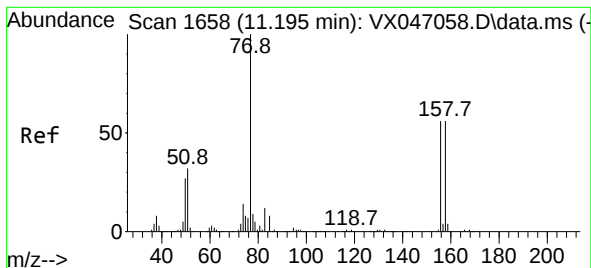
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#76
1,2,3-Trichloropropane
Concen: 49.013 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion: 75 Resp: 184632
Ion Ratio Lower Upper
75 100
77 39.5 21.6 65.0





#77

Bromobenzene

Concen: 47.467 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 182804

Ion Ratio Lower Upper

156 100

77 177.8 87.3 261.9

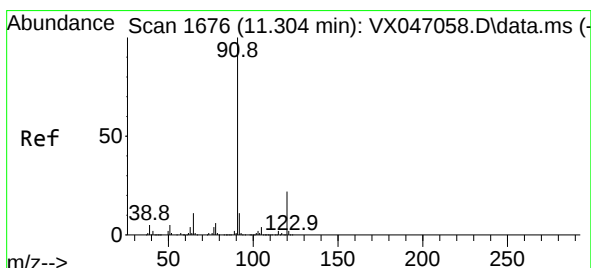
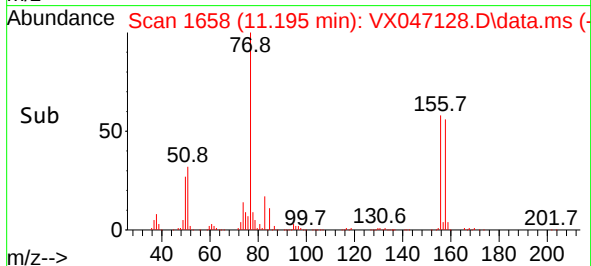
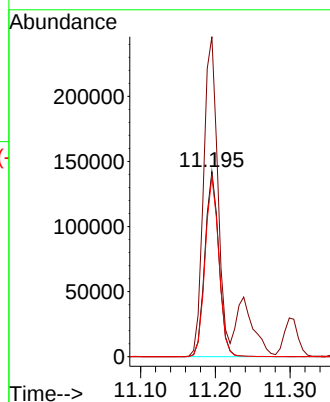
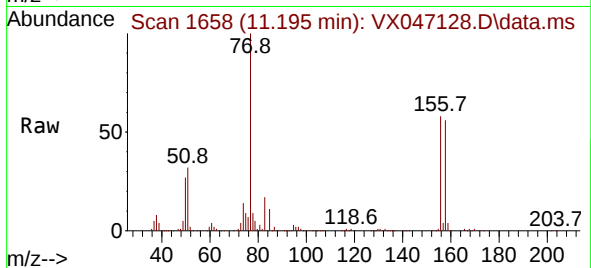
158 96.6 48.9 146.6

Manual Integrations

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Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#78

n-propylbenzene

Concen: 48.310 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX047128.D

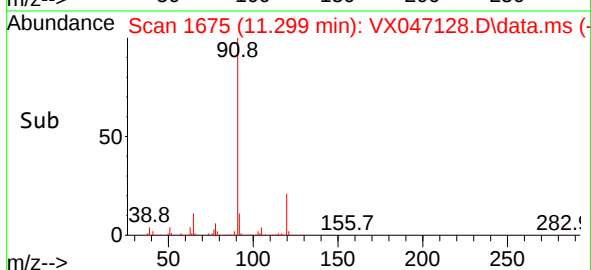
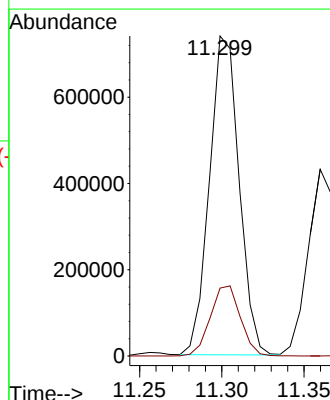
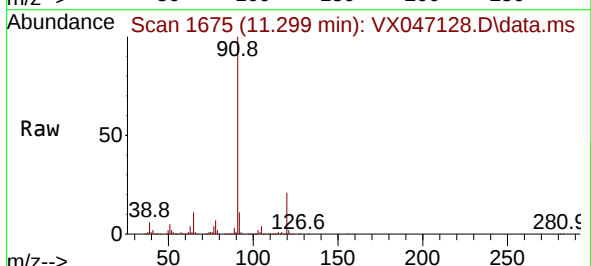
Acq: 25 Jul 2025 09:40

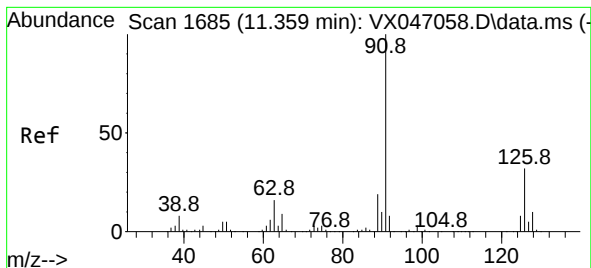
Tgt Ion: 91 Resp: 926920

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0





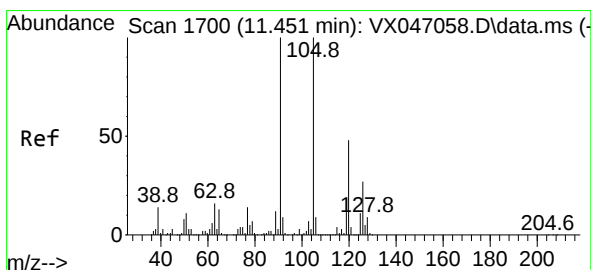
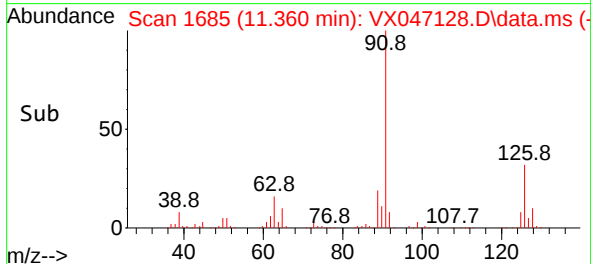
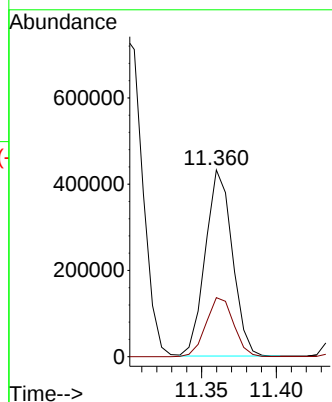
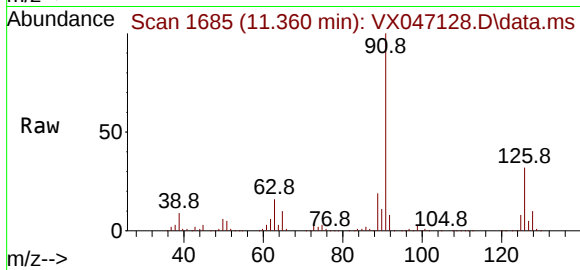
#79
2-Chlorotoluene
Concen: 47.354 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 54312
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4

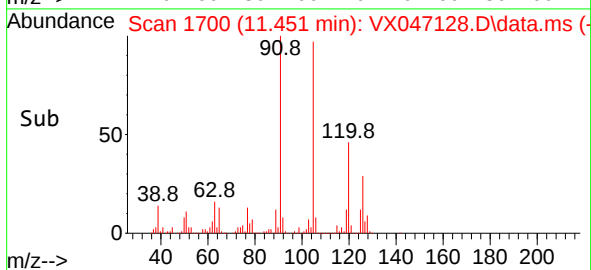
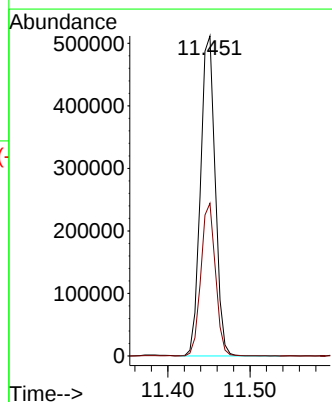
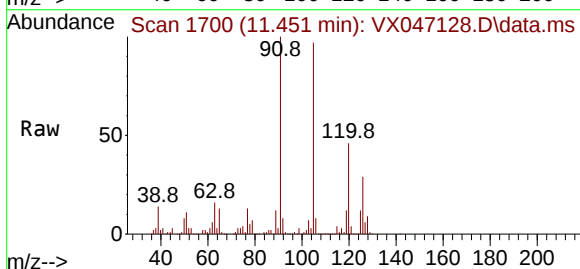
Manual Integrations
APPROVED

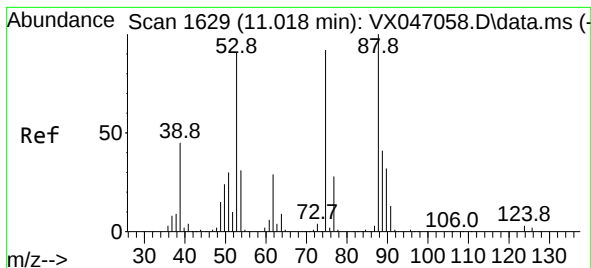
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.929 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

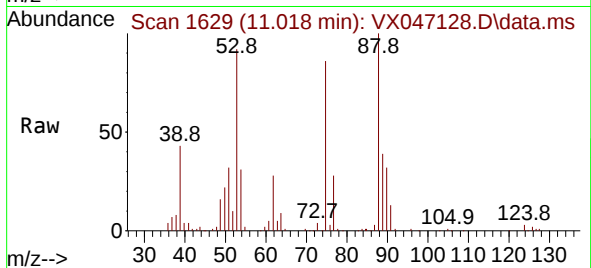
Tgt Ion:105 Resp: 635767
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 33.598 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

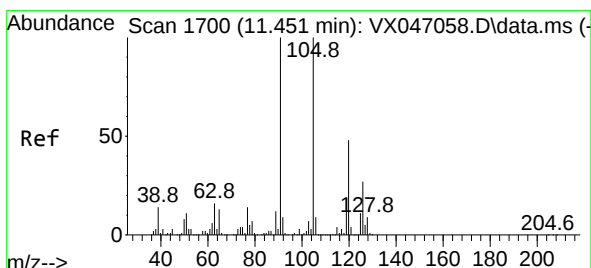
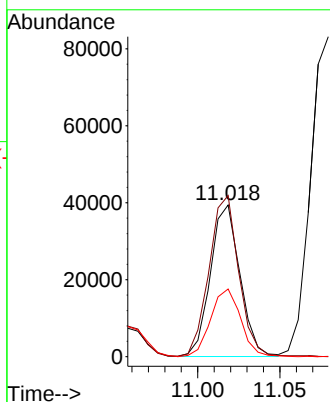
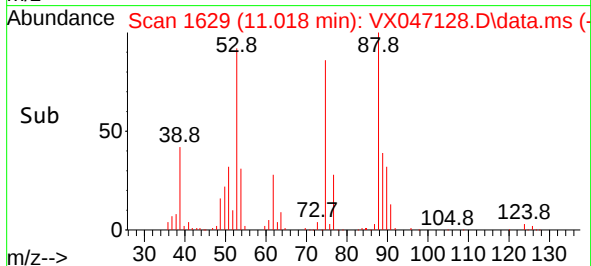
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 49125
Ion Ratio Lower Upper
75 100
53 107.3 84.2 126.4
89 45.5 36.0 54.0

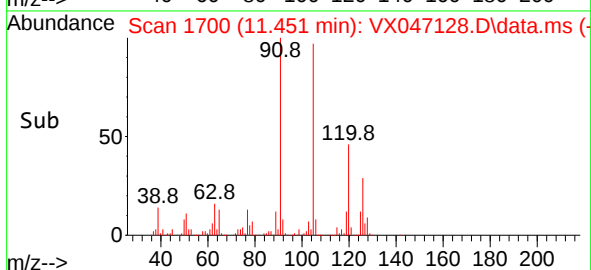
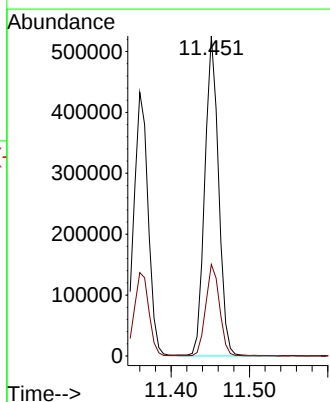
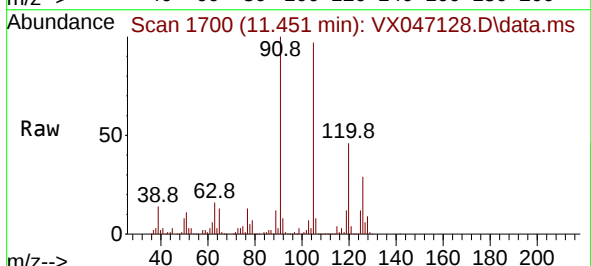
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#82
4-Chlorotoluene
Concen: 48.010 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion: 91 Resp: 642720
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.3





#83

tert-Butylbenzene

Concen: 48.470 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 645320

Ion Ratio Lower Upper

119 100

91 59.0 29.6 88.8

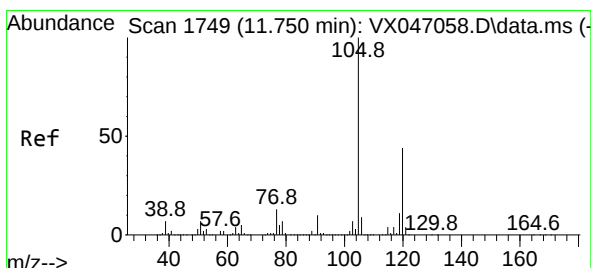
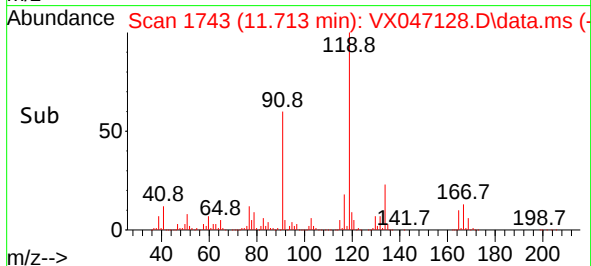
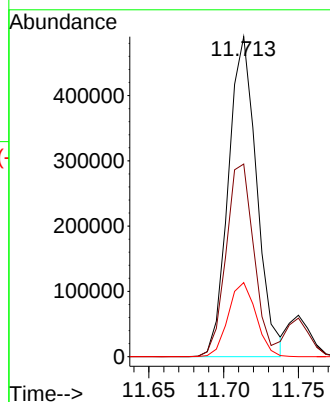
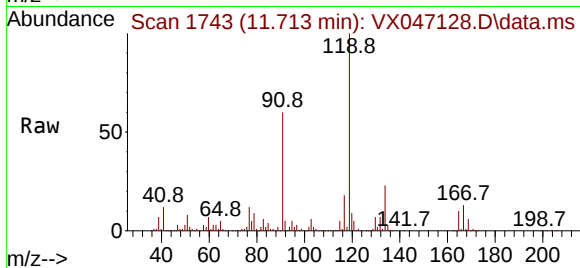
134 22.7 11.4 34.1

Manual Integrations

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Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 48.285 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047128.D

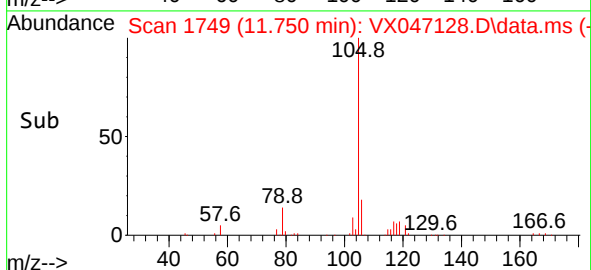
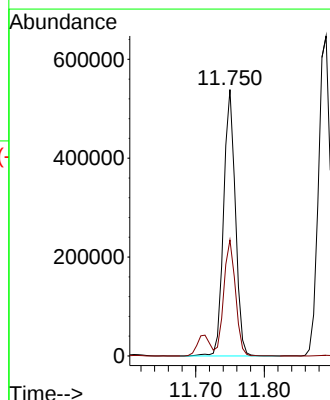
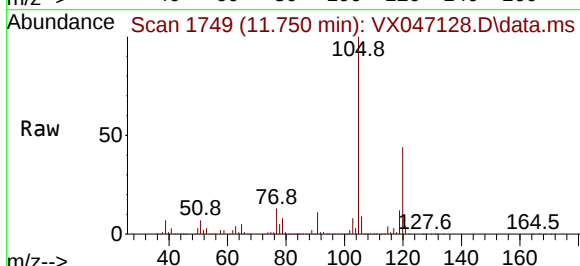
Acq: 25 Jul 2025 09:40

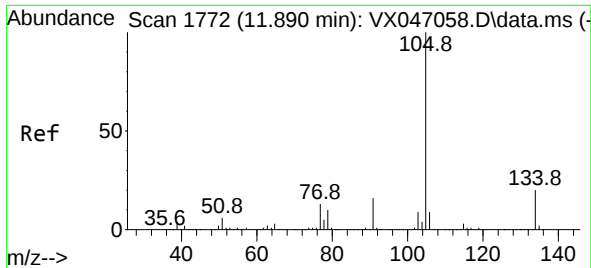
Tgt Ion:105 Resp: 638849

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0





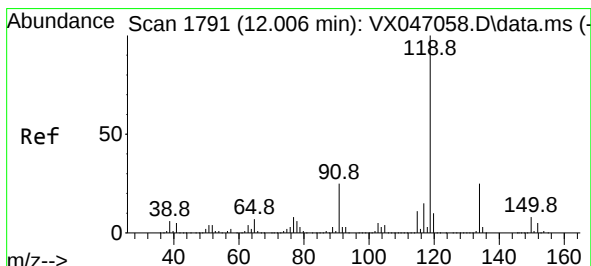
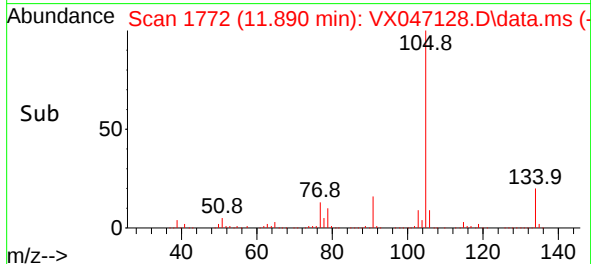
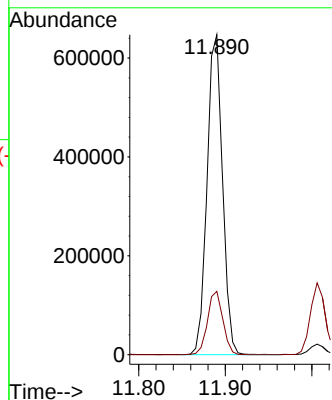
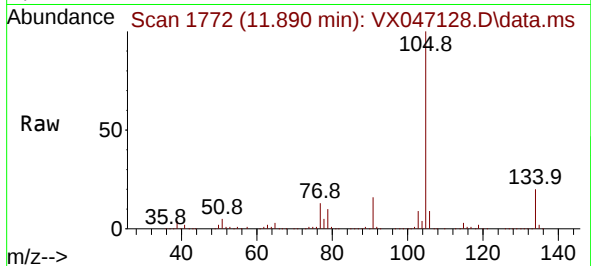
#85
 sec-Butylbenzene
 Concen: 48.218 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 802114
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

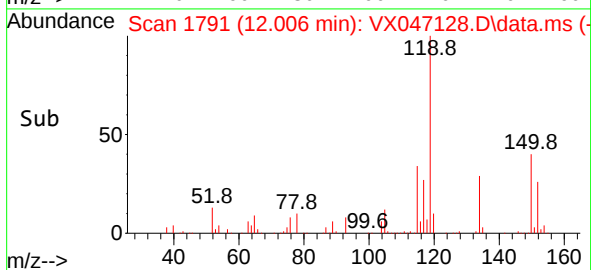
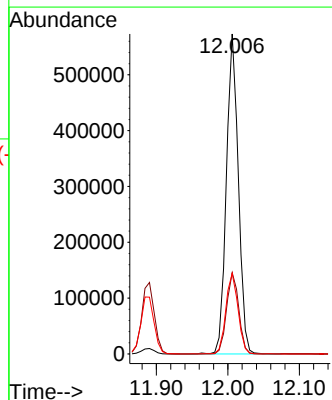
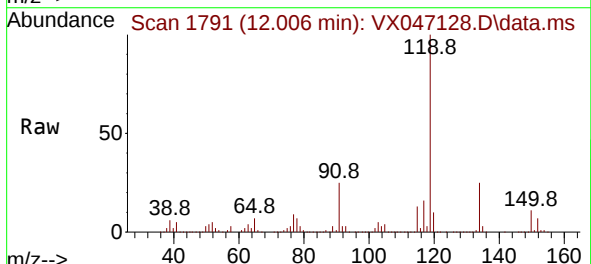
Manual Integrations
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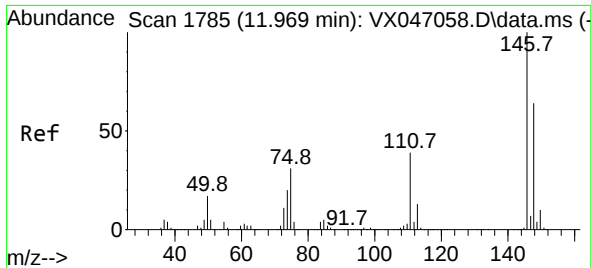
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#86
 p-Isopropyltoluene
 Concen: 48.240 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047128.D
 Acq: 25 Jul 2025 09:40

Tgt Ion:119 Resp: 665469
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.197 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 34536

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

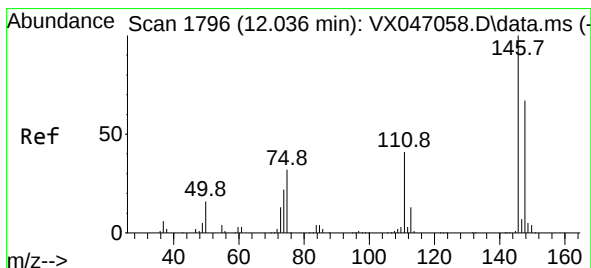
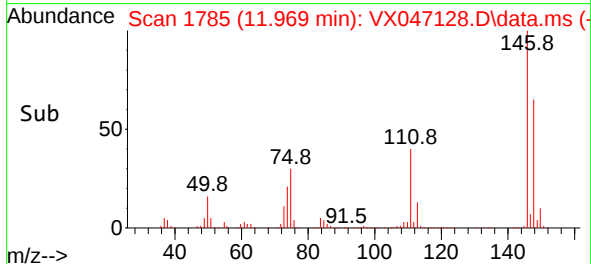
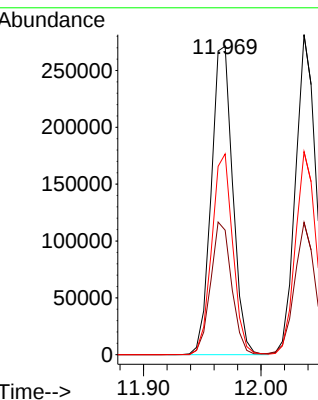
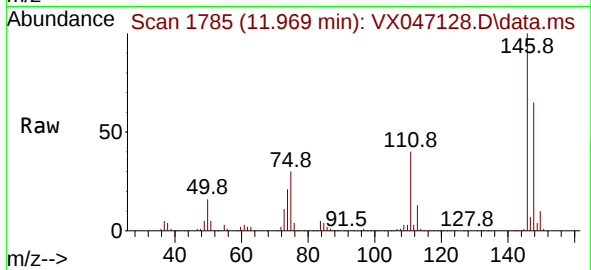
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#88

1,4-Dichlorobenzene

Concen: 46.210 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

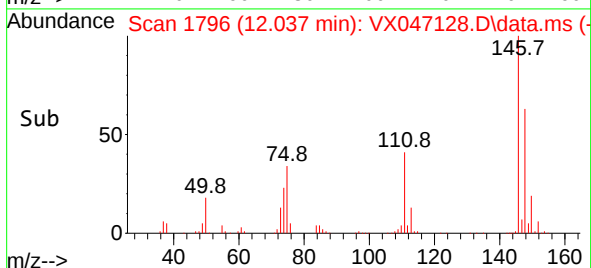
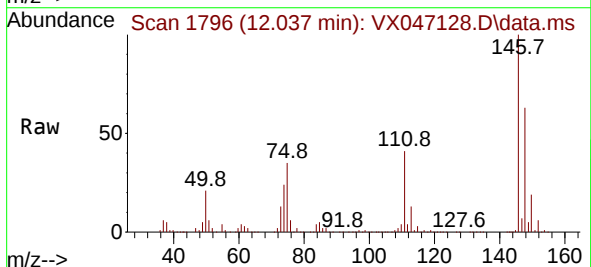
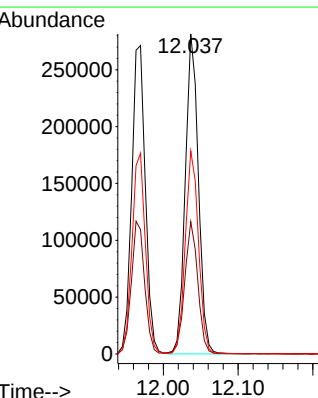
Tgt Ion:146 Resp: 342581

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

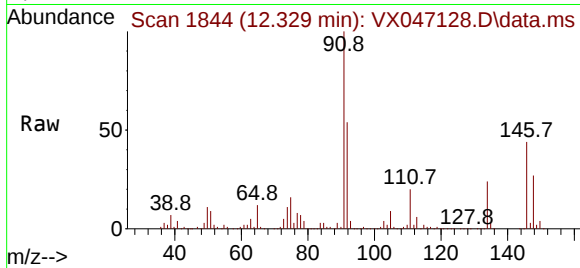
148 64.1 33.0 98.9





#89
n-Butylbenzene
Concen: 49.078 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

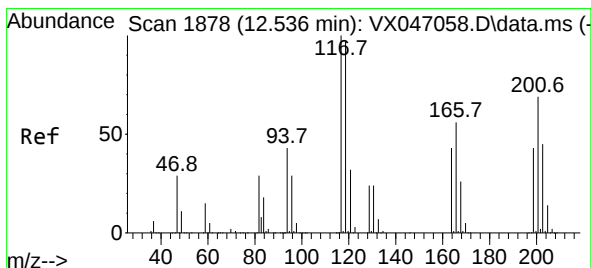
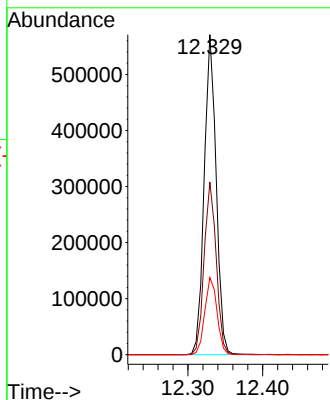
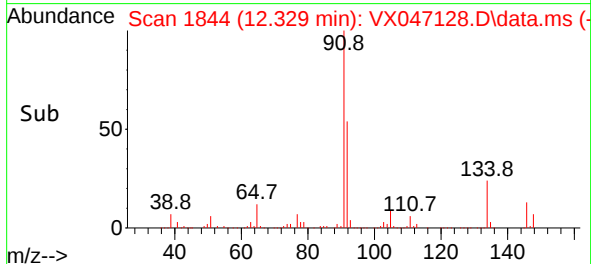
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 634920
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.5
134 24.7 12.8 38.3

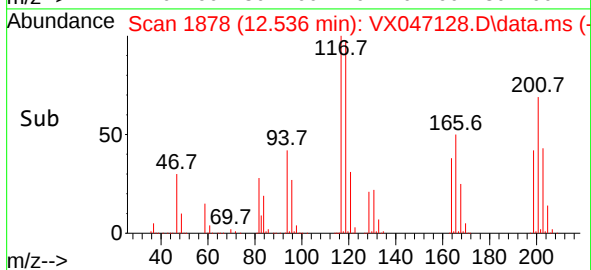
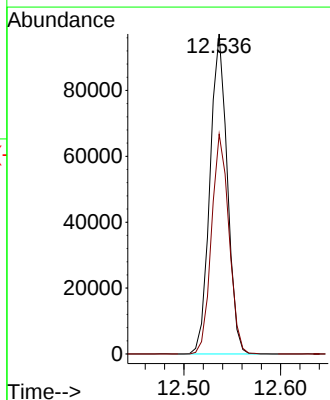
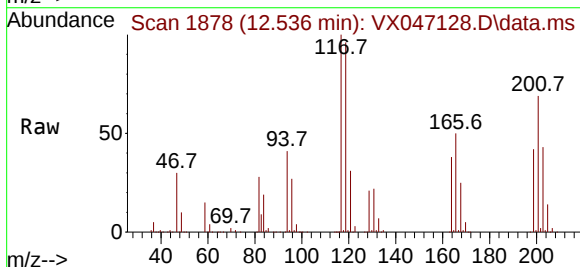
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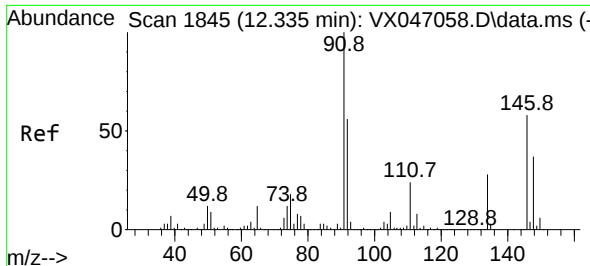
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#90
Hexachloroethane
Concen: 48.876 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

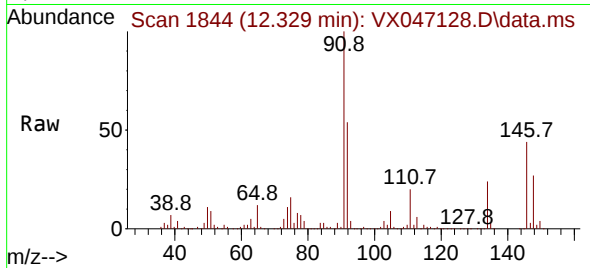
Tgt Ion:117 Resp: 120621
Ion Ratio Lower Upper
117 100
201 69.3 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 47.213 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

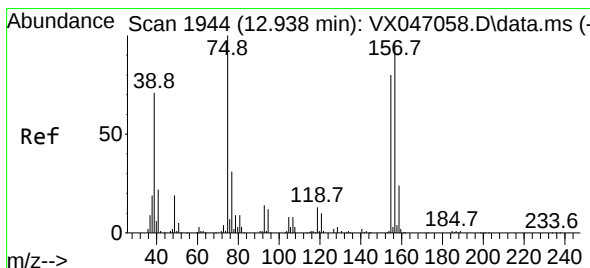
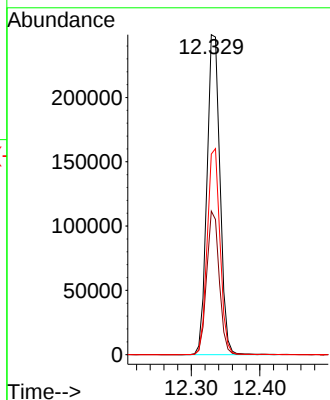
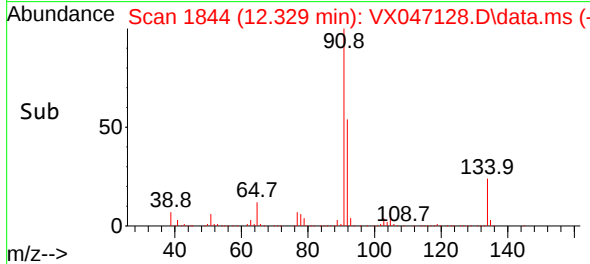
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 330194
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 63.2 31.9 95.7

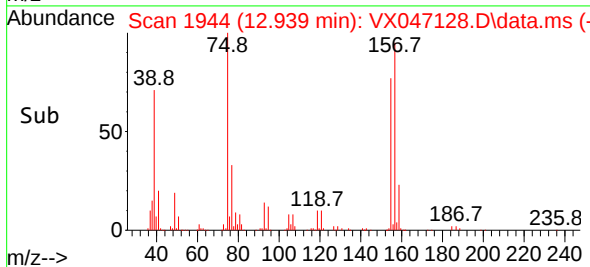
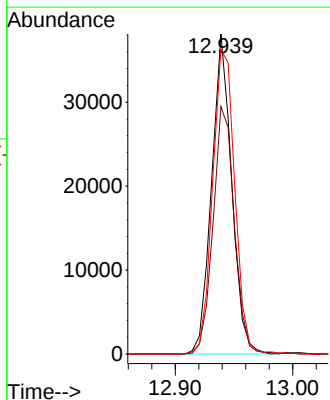
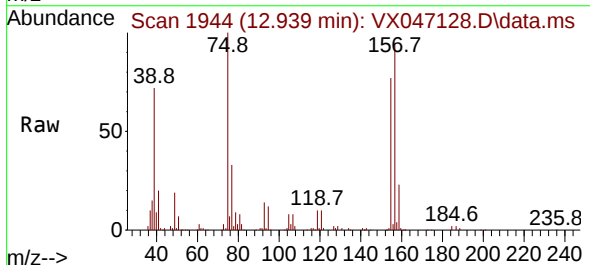
Manual Integrations
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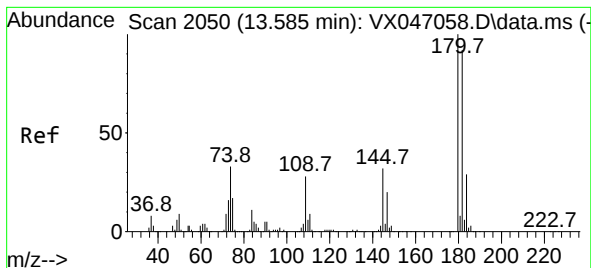
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.475 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047128.D
Acq: 25 Jul 2025 09:40

Tgt Ion: 75 Resp: 45317
Ion Ratio Lower Upper
75 100
155 81.2 41.3 124.1
157 104.9 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 48.804 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 225510

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

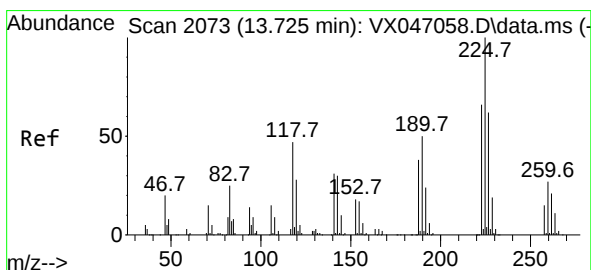
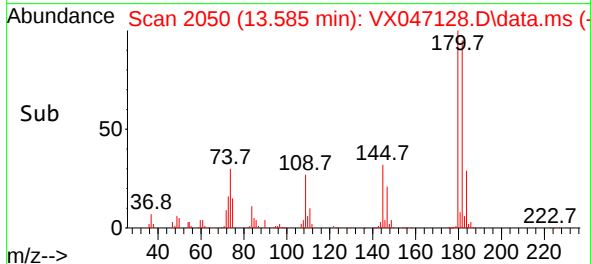
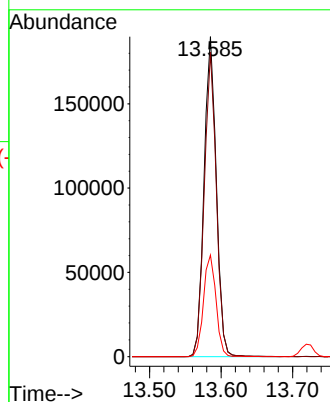
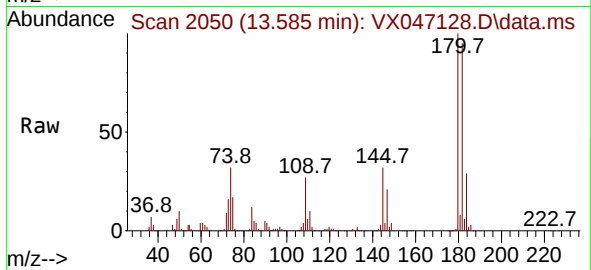
145 32.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#94

Hexachlorobutadiene

Concen: 51.945 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

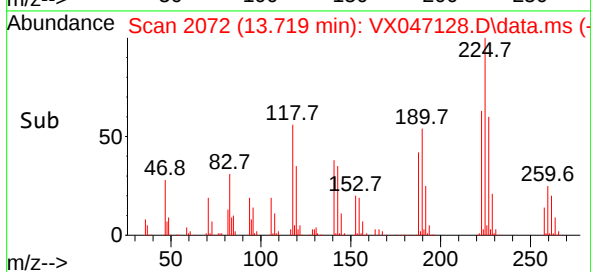
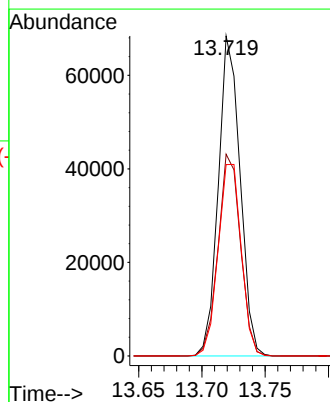
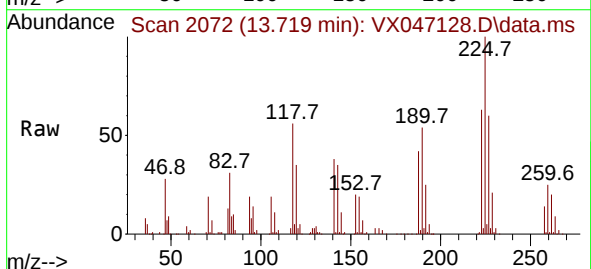
Tgt Ion:225 Resp: 81630

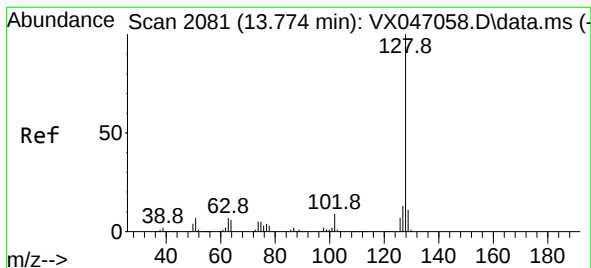
Ion Ratio Lower Upper

225 100

223 65.1 31.6 95.0

227 63.8 32.9 98.6





#95

Naphthalene

Concen: 50.610 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.001 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

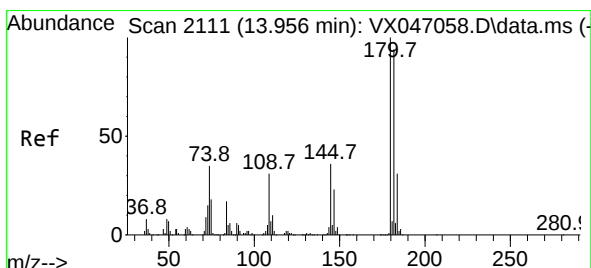
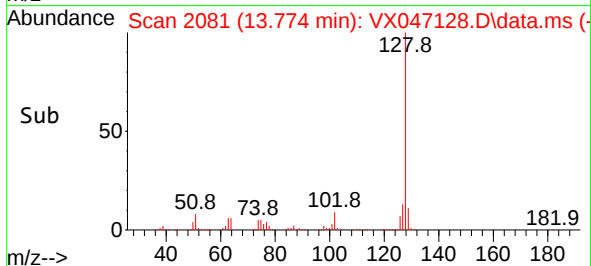
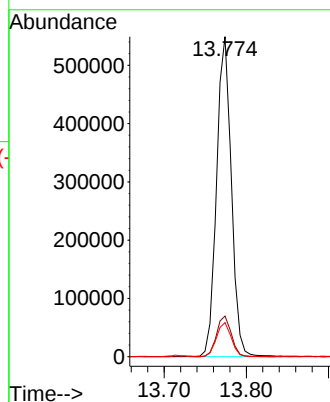
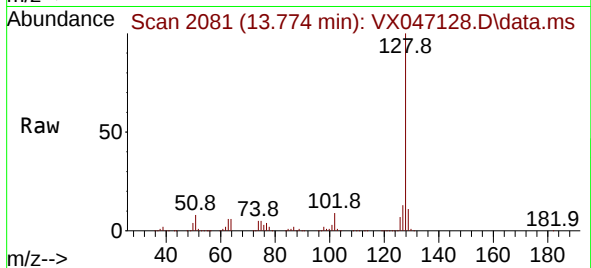
Tgt Ion:	128	Resp:	68556
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.842 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.001 min

Lab File: VX047128.D

Acq: 25 Jul 2025 09:40

Tgt Ion:	180	Resp:	212971
Ion Ratio	Lower	Upper	
180	100		
182	96.7	46.9	140.6
145	35.4	17.3	52.0

