

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047336.D
 Acq On : 14 Aug 2025 10:37
 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 01:22:50 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	216185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	324602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143806	53.400	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.800%			
35) Dibromofluoromethane	5.391	113	112385	49.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.900%			
50) Toluene-d8	8.647	98	393982	54.074	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.140%			
62) 4-Bromofluorobenzene	11.079	95	149323	47.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	135545	47.204	ug/l	99
3) Chloromethane	1.313	50	113834	40.077	ug/l	97
4) Vinyl Chloride	1.392	62	144021	47.169	ug/l	100
5) Bromomethane	1.624	94	75625	45.596	ug/l	97
6) Chloroethane	1.703	64	84231	42.002	ug/l	100
7) Trichlorofluoromethane	1.904	101	216554	47.564	ug/l	100
8) Diethyl Ether	2.148	74	78459	48.875	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	128258	46.758	ug/l	100
10) Methyl Iodide	2.471	142	227234	81.283	ug/l	99
11) Tert butyl alcohol	2.959	59	77256	245.210	ug/l	98
12) 1,1-Dichloroethene	2.337	96	126375	46.516	ug/l	96
13) Acrolein	2.245	56	177582	306.256	ug/l	97
14) Allyl chloride	2.678	41	224146	45.641	ug/l	97
15) Acrylonitrile	3.081	53	332220	258.666	ug/l	100
16) Acetone	2.392	43	277725	257.435	ug/l	99
17) Carbon Disulfide	2.526	76	335535	42.691	ug/l	98
18) Methyl Acetate	2.715	43	159702	55.705	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	416236	50.341	ug/l	100
20) Methylene Chloride	2.800	84	140028	47.180	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	131779	47.400	ug/l	100
22) Diisopropyl ether	3.770	45	467231	49.485	ug/l	95
23) Vinyl Acetate	3.727	43	1927253	254.488	ug/l	100
24) 1,1-Dichloroethane	3.623	63	251395	47.881	ug/l	100
25) 2-Butanone	4.562	43	373367	237.685	ug/l	98
26) 2,2-Dichloropropane	4.483	77	192048	47.252	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	156555	47.554	ug/l	98
28) Bromochloromethane	4.903	49	117976	48.841	ug/l	97
29) Tetrahydrofuran	5.019	42	240173	236.966	ug/l	95
30) Chloroform	5.105	83	256605	48.012	ug/l	98
31) Cyclohexane	5.477	56	218621	43.426	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	218576	47.085	ug/l	99
36) 1,1-Dichloropropene	5.696	75	175706	45.816	ug/l	99
37) Ethyl Acetate	4.721	43	199675	56.505	ug/l	95
38) Carbon Tetrachloride	5.684	117	189096	46.198	ug/l	99
39) Methylcyclohexane	7.385	83	209626	43.780	ug/l	97
40) Benzene	6.044	78	529812	47.737	ug/l	98

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Quant Time: Aug 18 01:22:50 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)
41) Methacrylonitrile	4.928	41	84008	45.467	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	195142	49.914	ug/l	99
43) Isopropyl Acetate	6.342	43	284290	51.604	ug/l	98
44) Trichloroethene	7.129	130	134500	47.259	ug/l	100
45) 1,2-Dichloropropane	7.434	63	134701	48.459	ug/l	94
46) Dibromomethane	7.580	93	100103	51.354	ug/l	99
47) Bromodichloromethane	7.824	83	204348	49.252	ug/l	98
48) Methyl methacrylate	7.696	41	150081	50.008	ug/l	99
49) 1,4-Dioxane	7.677	88	33880	992.555	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	839443	256.357	ug/l	100
52) Toluene	8.720	92	333006	48.798	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	190158	48.534	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	206091	48.060	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	129962	50.781	ug/l	99
56) Ethyl methacrylate	9.116	69	199756	52.723	ug/l	99
57) 1,3-Dichloropropane	9.305	76	223669	50.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	486170	230.595	ug/l	99
59) 2-Hexanone	9.433	43	581283	268.689	ug/l	98
60) Dibromochloromethane	9.519	129	151824	50.582	ug/l	98
61) 1,2-Dibromoethane	9.610	107	132764	49.612	ug/l	99
64) Tetrachloroethene	9.275	164	108216	46.246	ug/l	96
65) Chlorobenzene	10.079	112	366123	48.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	127490	49.796	ug/l	99
67) Ethyl Benzene	10.189	91	635493	47.796	ug/l	99
68) m/p-Xylenes	10.299	106	474279	95.321	ug/l	99
69) o-Xylene	10.640	106	230538	48.705	ug/l	99
70) Styrene	10.652	104	403534	49.717	ug/l	99
71) Bromoform	10.799	173	99964	51.400	ug/l #	99
73) Isopropylbenzene	10.957	105	608481	47.161	ug/l	99
74) N-amyl acetate	10.841	43	249680	47.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	184000	49.925	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	145759m	48.152	ug/l	
77) Bromobenzene	11.195	156	148259	47.908	ug/l	99
78) n-propylbenzene	11.299	91	719706	46.679	ug/l	99
79) 2-Chlorotoluene	11.360	91	425760	46.196	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	498341	46.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28193	23.996	ug/l	99
82) 4-Chlorotoluene	11.451	91	507914	47.214	ug/l	99
83) tert-Butylbenzene	11.713	119	500803	46.810	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	505905	47.584	ug/l	100
85) sec-Butylbenzene	11.890	105	616388	46.111	ug/l	100
86) p-Isopropyltoluene	12.006	119	521639	47.057	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	275882	46.918	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	278635	46.772	ug/l	98
89) n-Butylbenzene	12.329	91	480966	46.266	ug/l	99
90) Hexachloroethane	12.536	117	90498	45.634	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	265351	47.216	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36891	52.147	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	177290	47.747	ug/l	99
94) Hexachlorobutadiene	13.725	225	59624	47.216	ug/l	97
95) Naphthalene	13.774	128	549381	50.471	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	170122	47.558	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

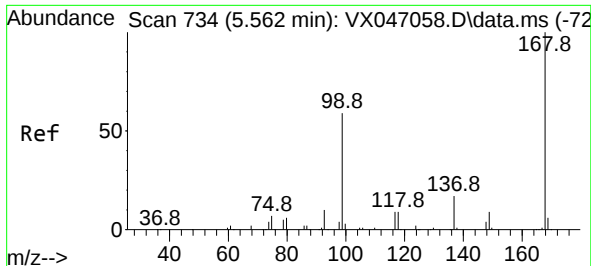
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

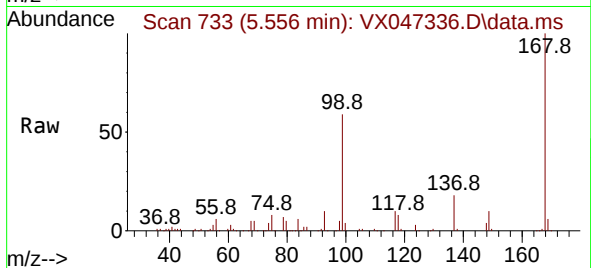
Quant Time: Aug 18 01:22:50 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

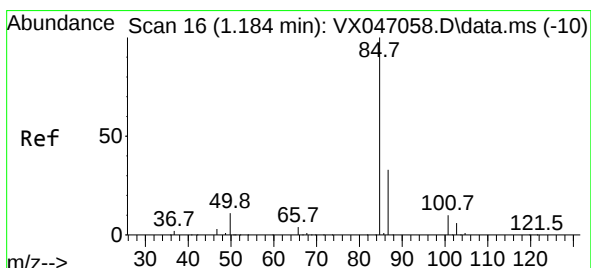
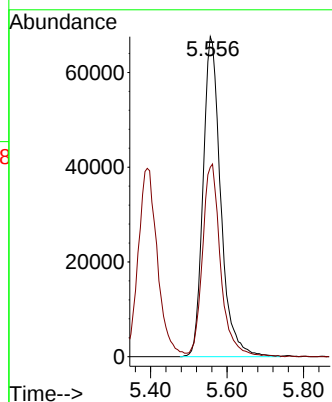
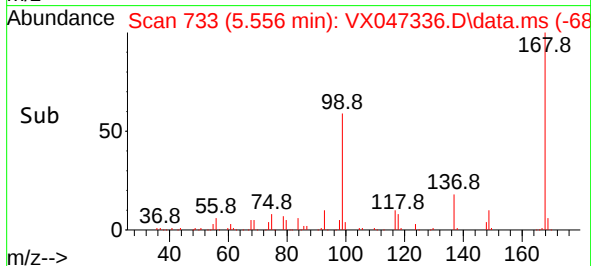
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 21618
Ion Ratio Lower Upper
168 100
99 59.0 48.0 72.0

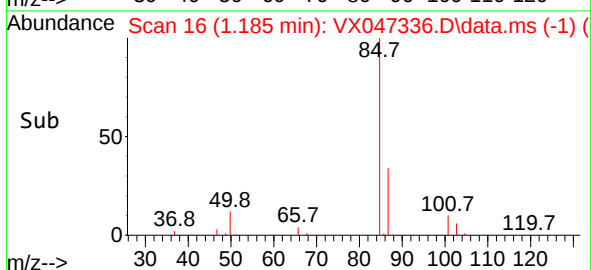
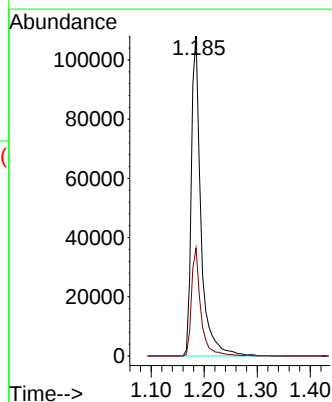
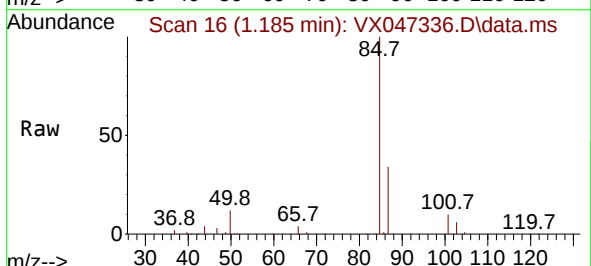
Manual Integrations
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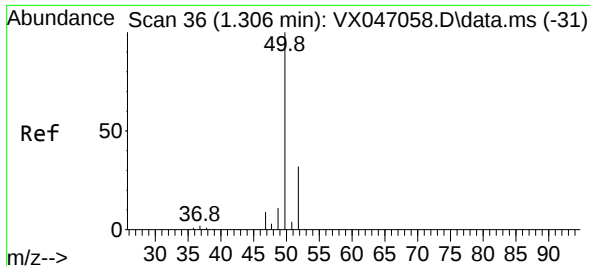
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 47.204 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 85 Resp: 135545
Ion Ratio Lower Upper
85 100
87 33.7 16.6 49.8





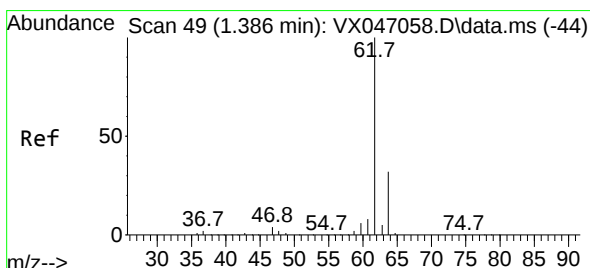
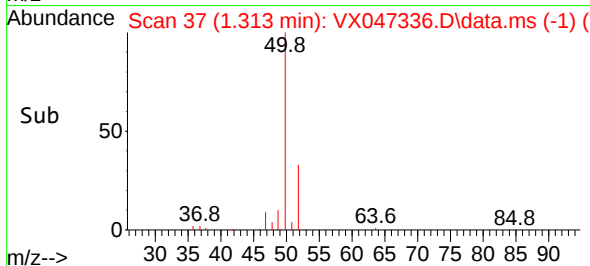
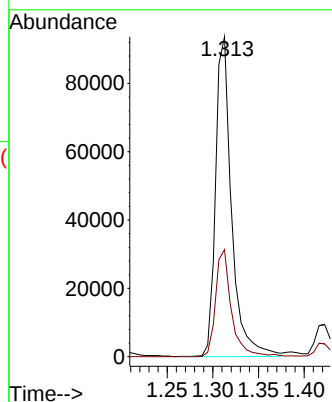
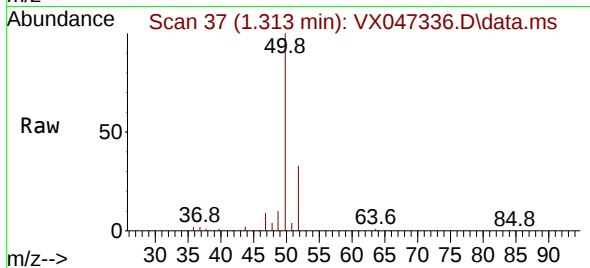
#3
Chloromethane
Concen: 40.077 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 113834
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

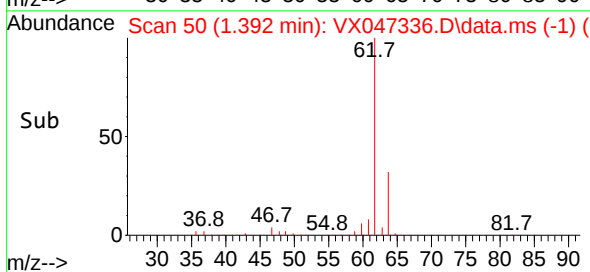
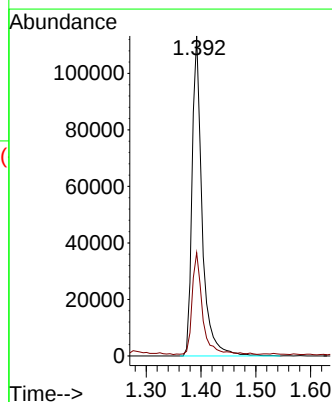
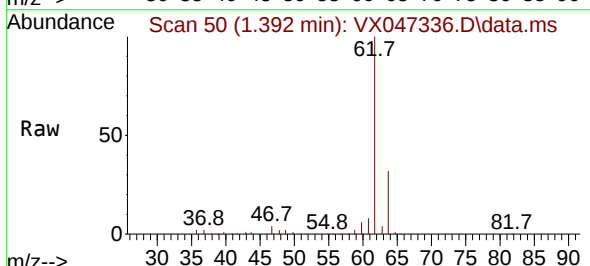
Manual Integrations
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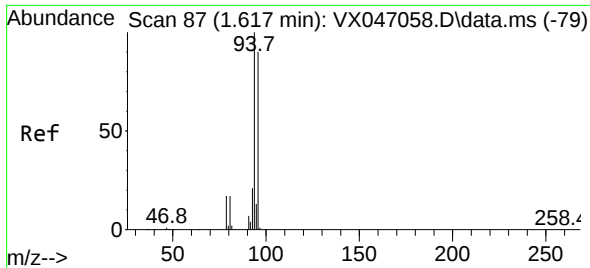
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#4
Vinyl Chloride
Concen: 47.169 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

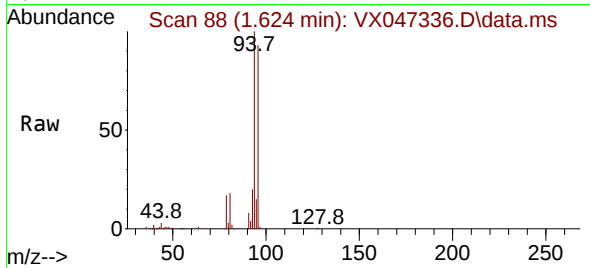
Tgt Ion: 62 Resp: 144021
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 45.596 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

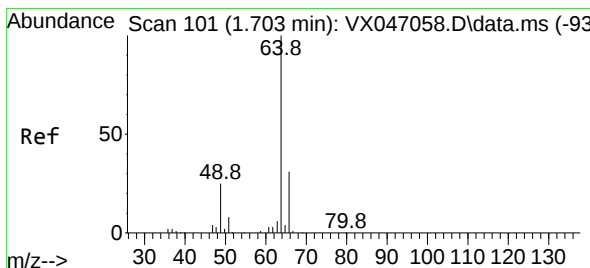
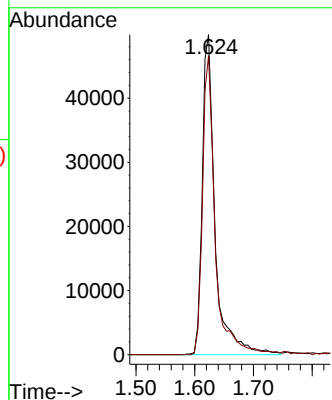
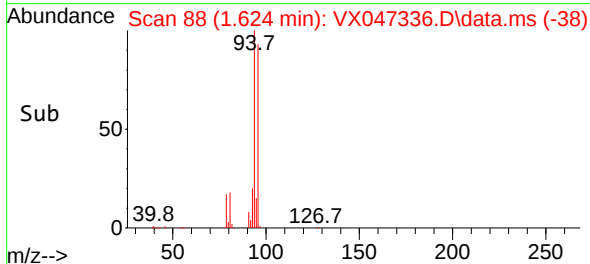
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 7562
Ion Ratio Lower Upper
94 100
96 93.4 72.3 108.5

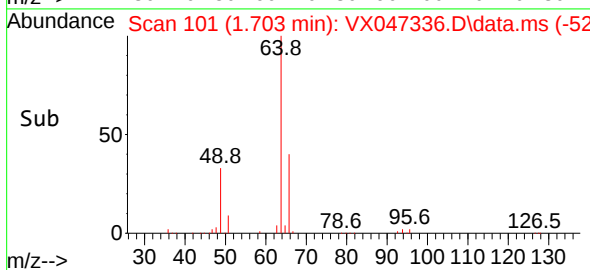
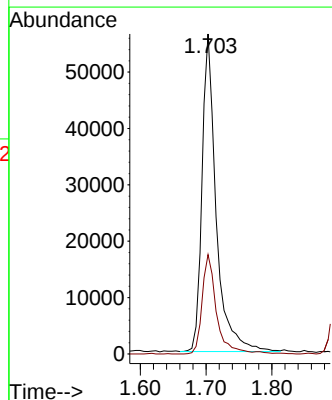
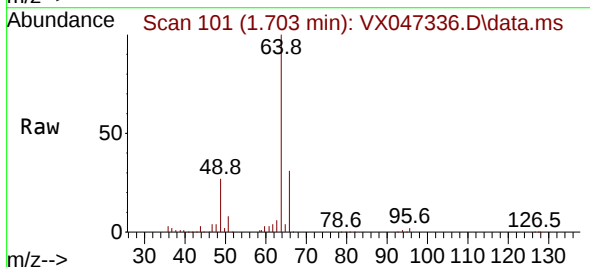
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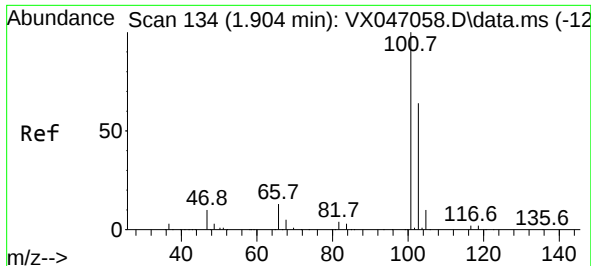
Reviewed By :John Carlone 08/18/2025
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#6
Chloroethane
Concen: 42.002 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

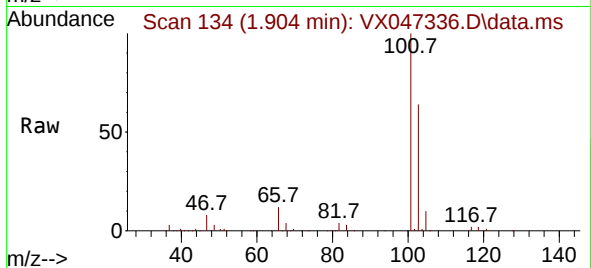
Tgt Ion: 64 Resp: 84231
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 47.564 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047336.D
 Acq: 14 Aug 2025 10:37

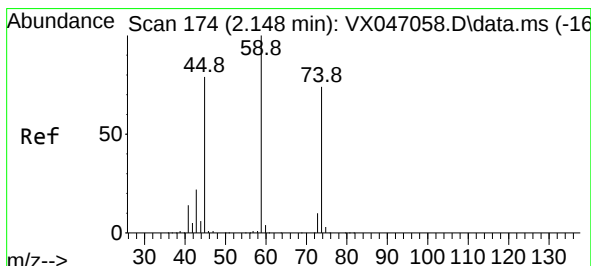
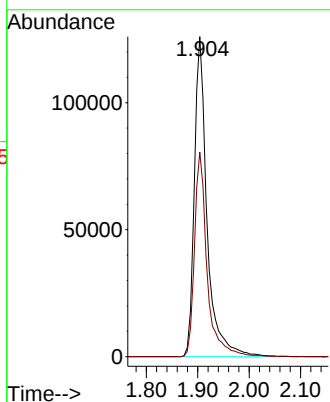
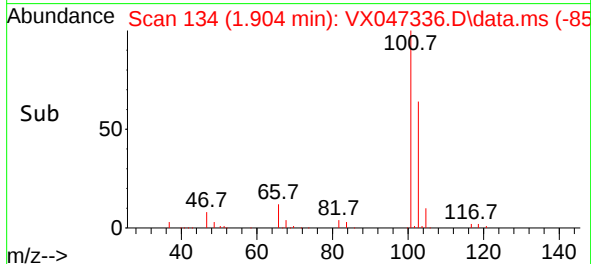
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 21654
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.9 76.3

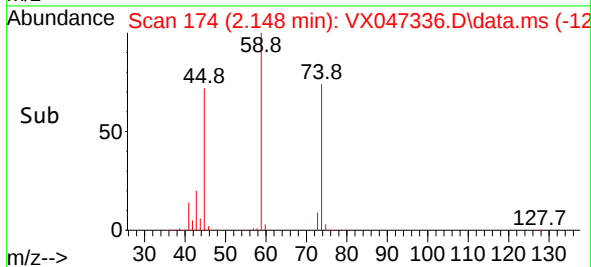
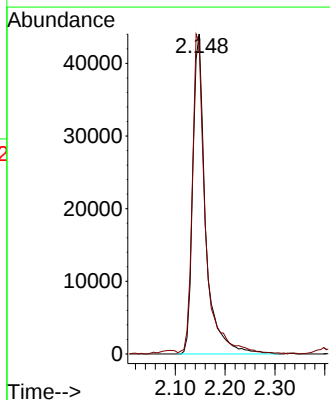
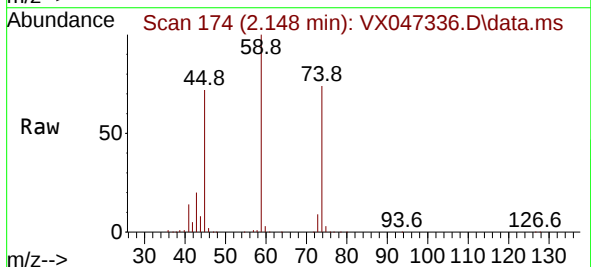
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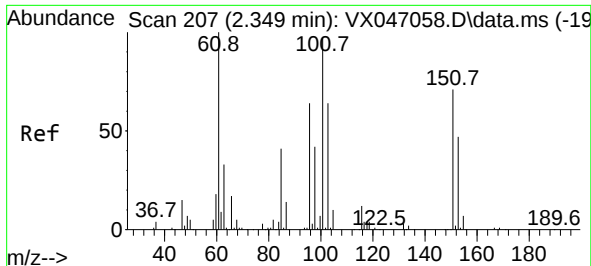
Reviewed By :John Carlone 08/18/2025
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#8
 Diethyl Ether
 Concen: 48.875 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047336.D
 Acq: 14 Aug 2025 10:37

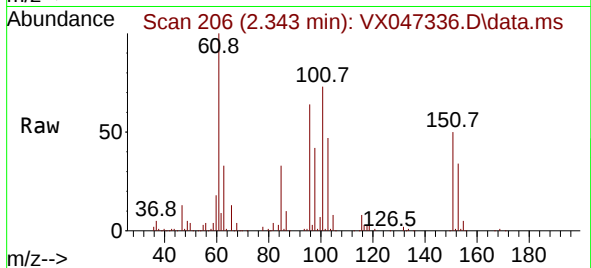
Tgt Ion: 74 Resp: 78459
 Ion Ratio Lower Upper
 74 100
 45 102.8 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.758 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

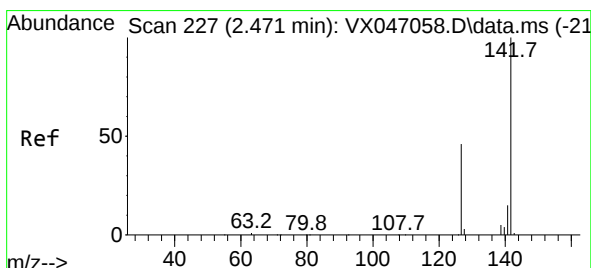
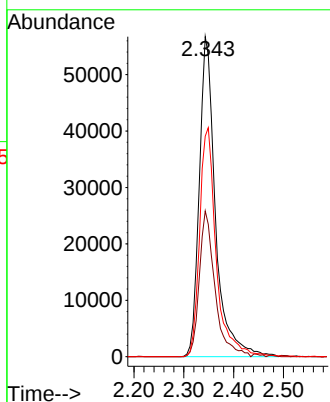
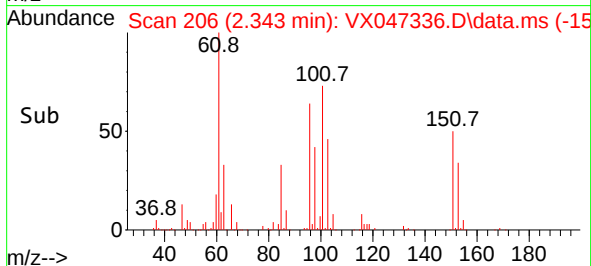
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 128258
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.0
151 73.6 59.2 88.8

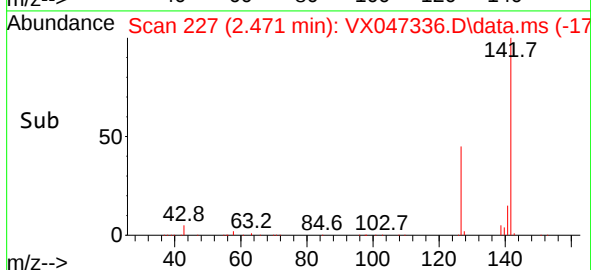
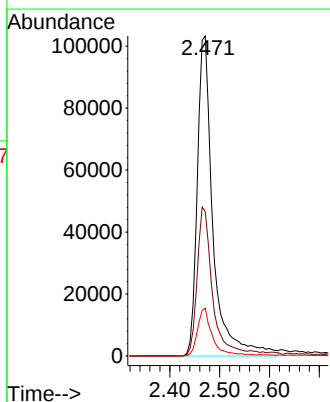
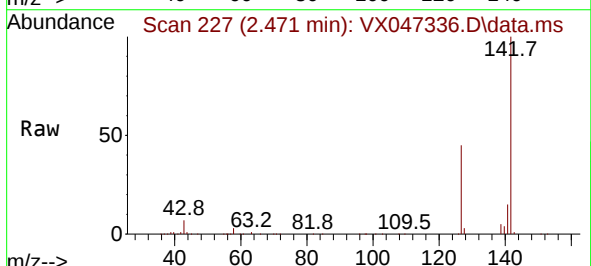
Manual Integrations
APPROVED

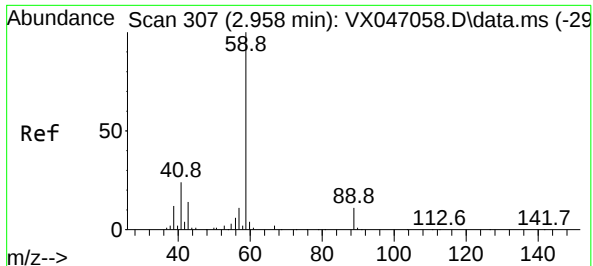
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 81.283 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

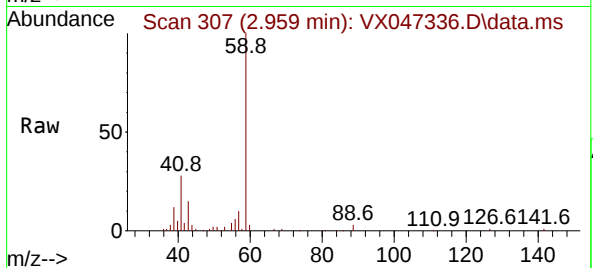
Tgt Ion:142 Resp: 227234
Ion Ratio Lower Upper
142 100
127 44.8 36.6 54.8
141 14.1 10.9 16.3





#11
Tert butyl alcohol
Concen: 245.210 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

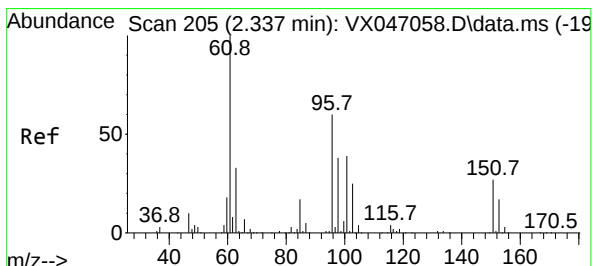
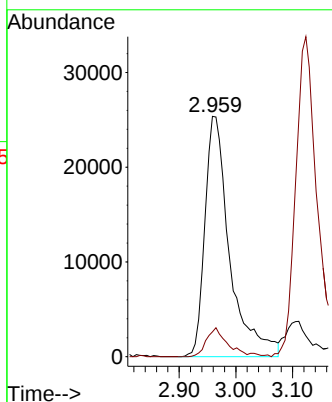
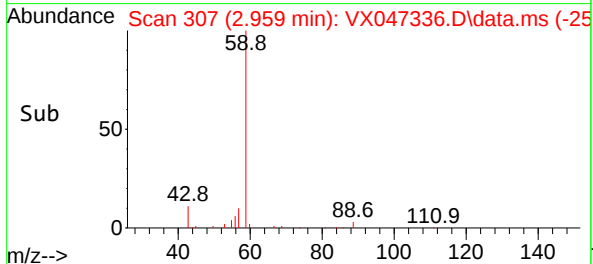
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



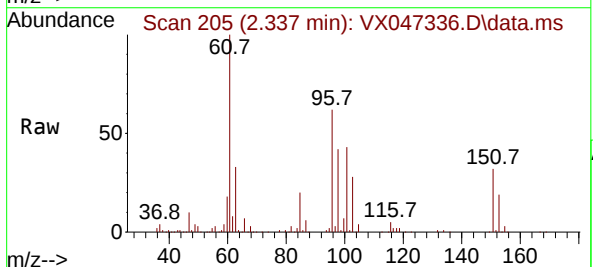
Tgt Ion: 59 Resp: 77250
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

Manual Integrations
APPROVED

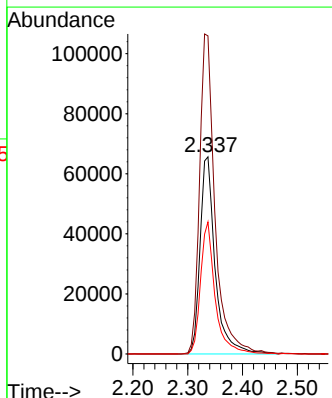
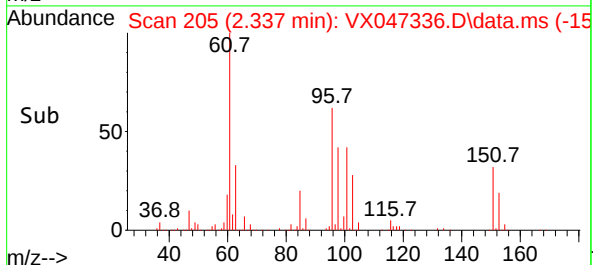
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

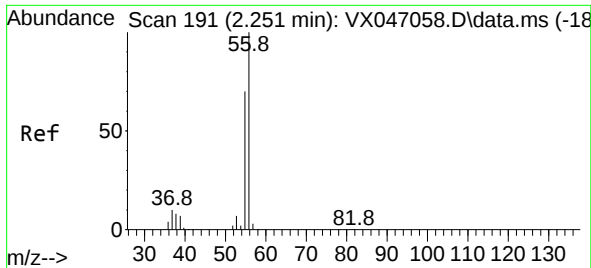


#12
1,1-Dichloroethene
Concen: 46.516 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



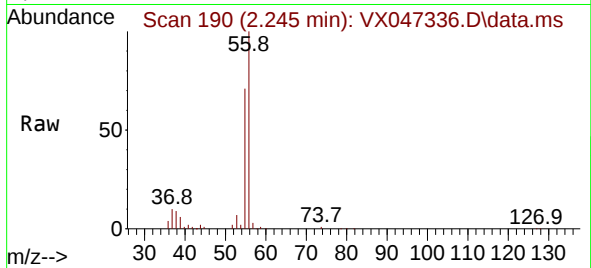
Tgt Ion: 96 Resp: 126375
Ion Ratio Lower Upper
96 100
61 161.3 132.6 198.8
98 67.0 50.2 75.4





#13
Acrolein
Concen: 306.256 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

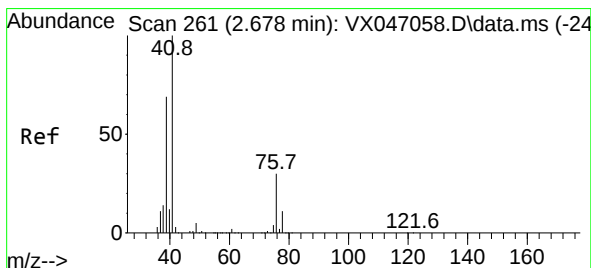
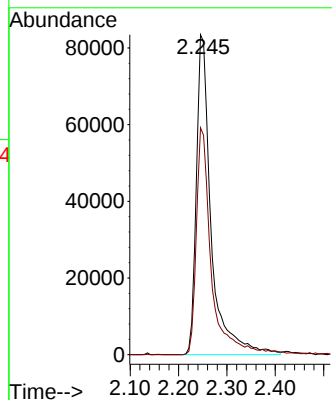
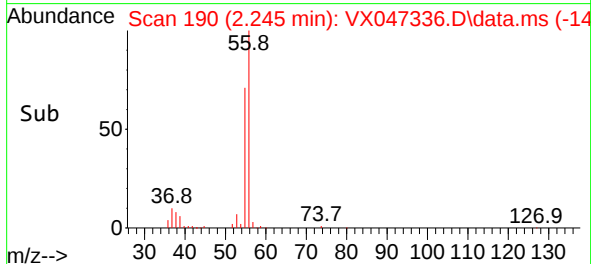
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 177582
Ion Ratio Lower Upper
56 100
55 72.1 55.7 83.5

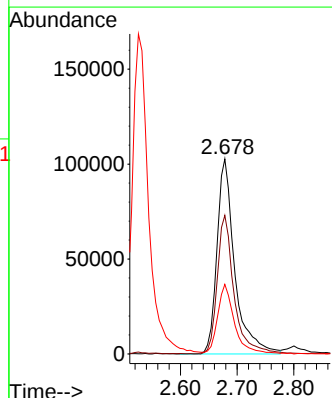
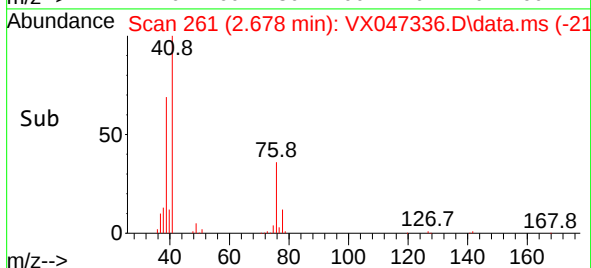
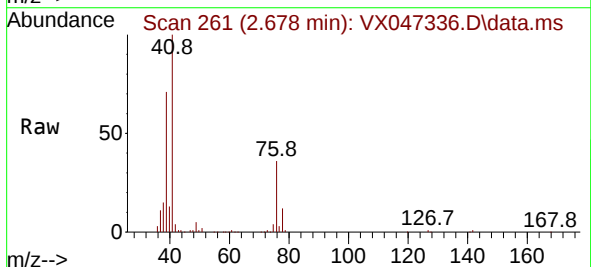
Manual Integrations
APPROVED

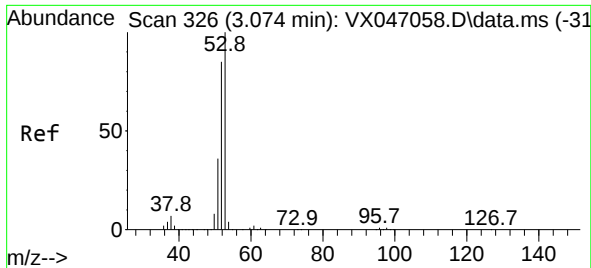
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 45.641 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

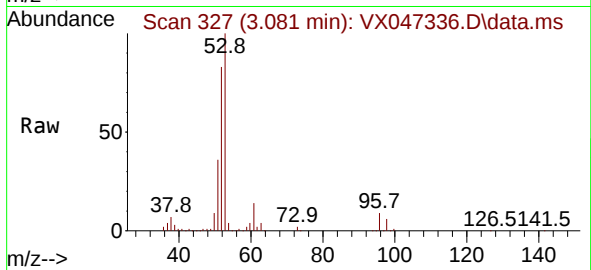
Tgt Ion: 41 Resp: 224146
Ion Ratio Lower Upper
41 100
39 67.5 52.6 78.8
76 33.9 25.7 38.5





#15
Acrylonitrile
Concen: 258.666 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

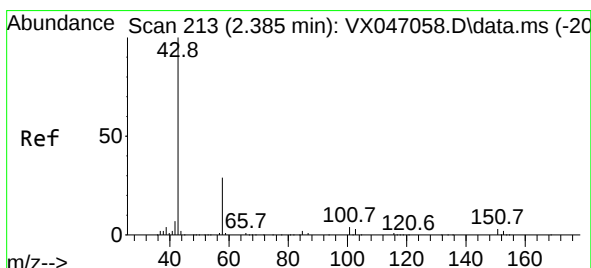
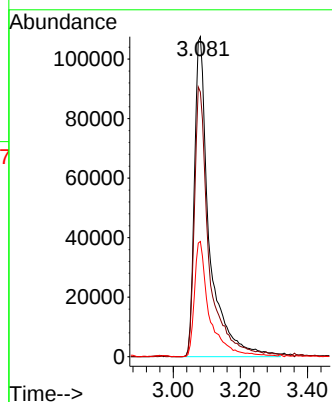
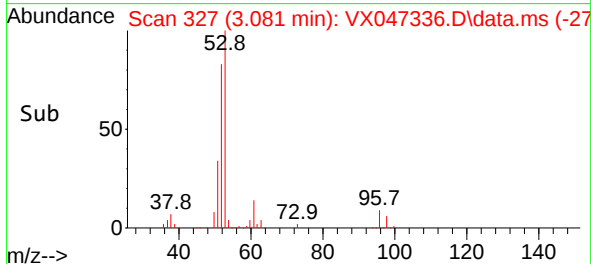
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 332220
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 36.6 28.8 43.2

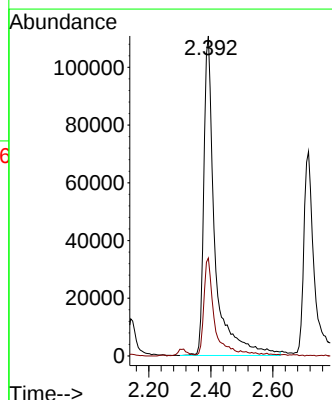
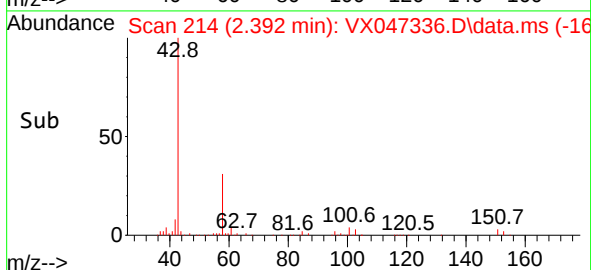
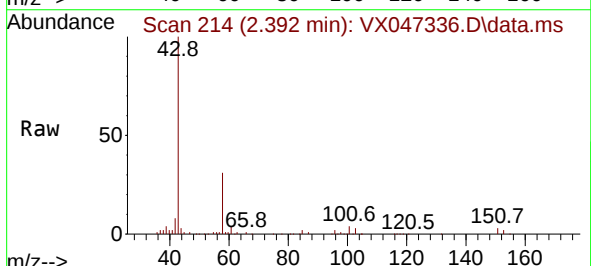
Manual Integrations
APPROVED

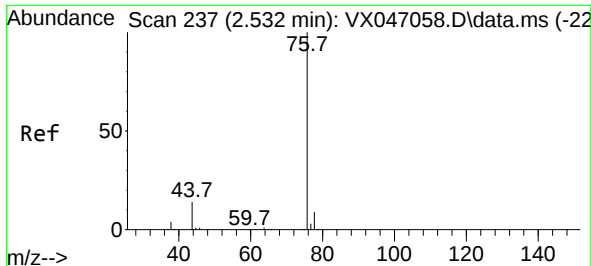
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 257.435 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 43 Resp: 277725
Ion Ratio Lower Upper
43 100
58 30.5 24.0 36.0





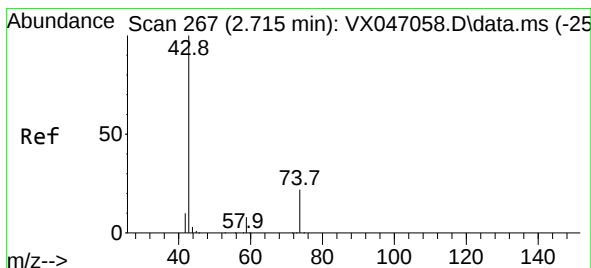
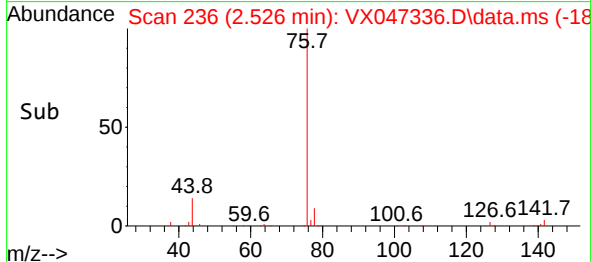
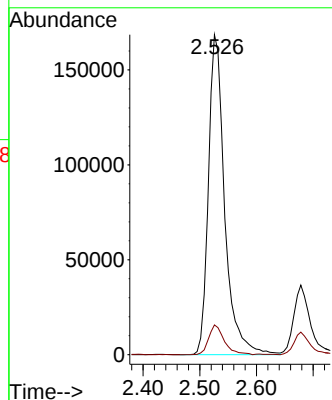
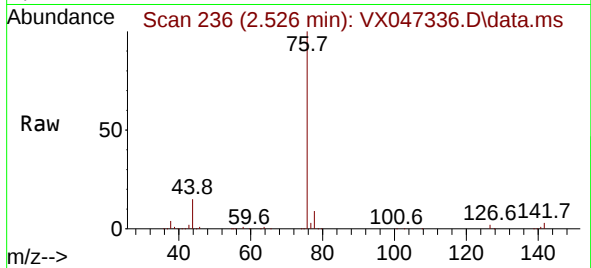
#17
Carbon Disulfide
Concen: 42.691 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 33553
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

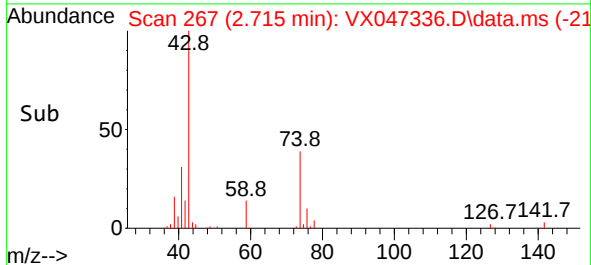
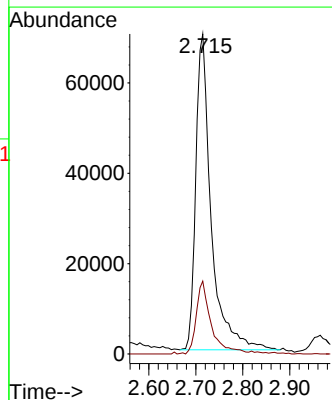
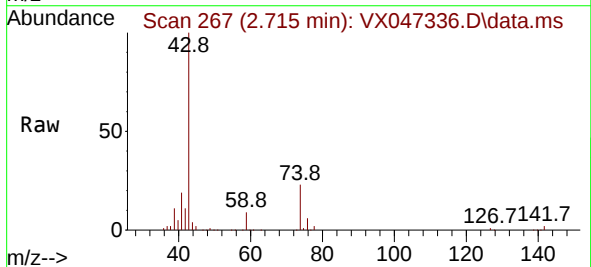
Manual Integrations
APPROVED

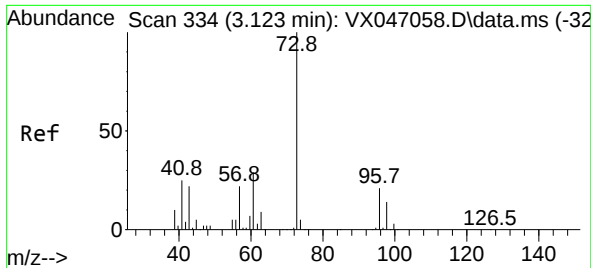
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 55.705 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

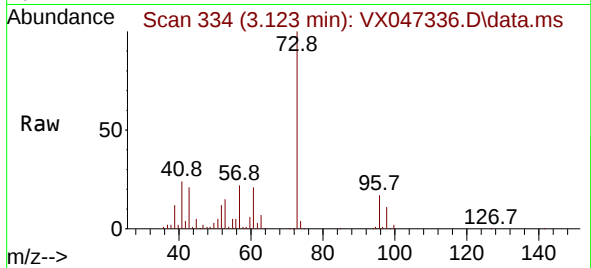
Tgt Ion: 43 Resp: 159702
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 50.341 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

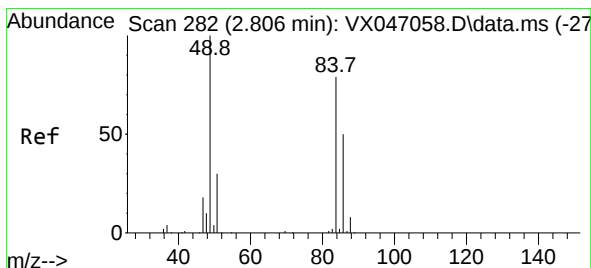
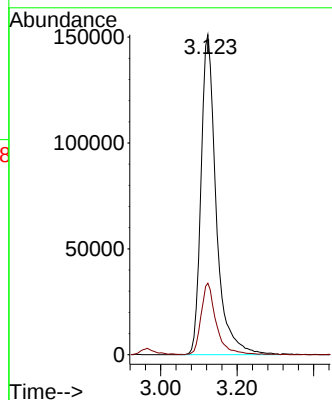
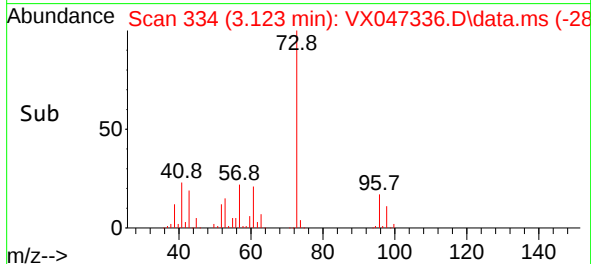
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 416230
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

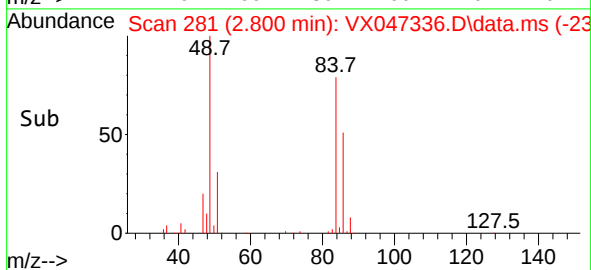
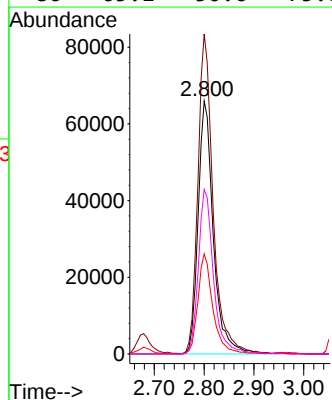
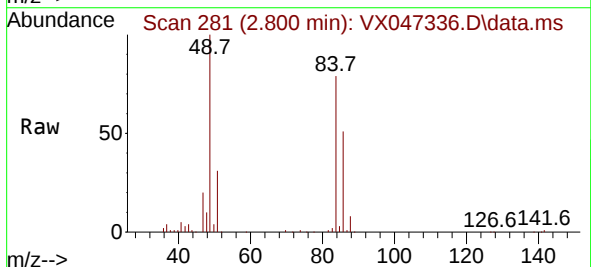
Manual Integrations
APPROVED

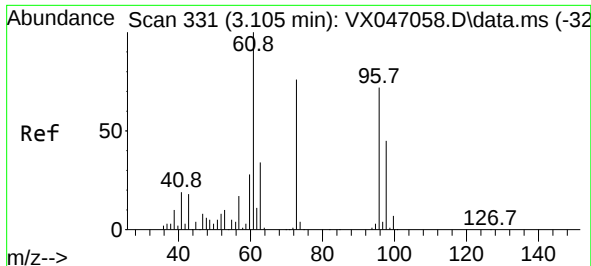
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 47.180 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

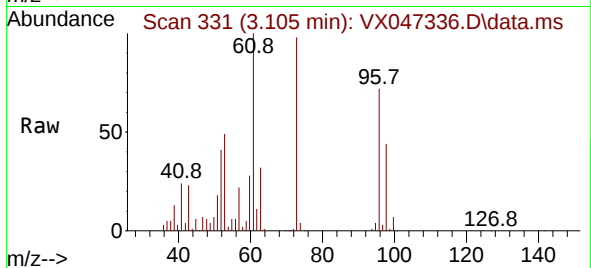
Tgt Ion: 84 Resp: 140028
Ion Ratio Lower Upper
84 100
49 126.4 101.6 152.4
51 39.5 30.3 45.5
86 65.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.400 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

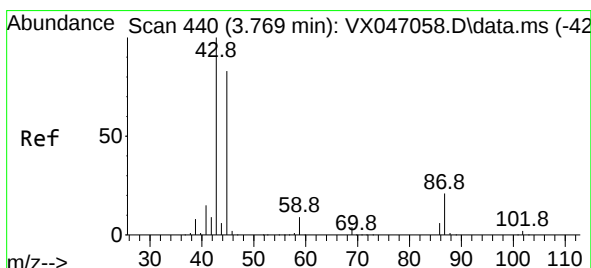
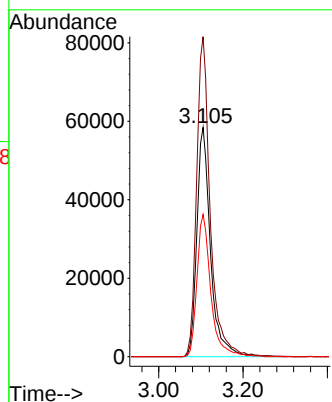
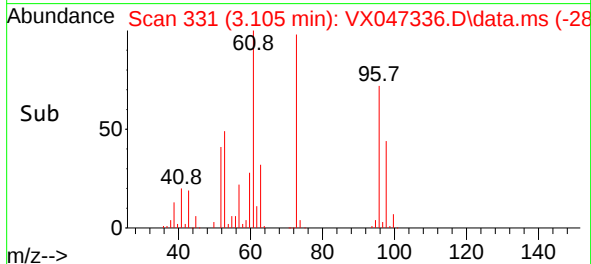
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 131779
Ion Ratio Lower Upper
96 100
61 139.6 111.1 166.7
98 62.0 49.6 74.4

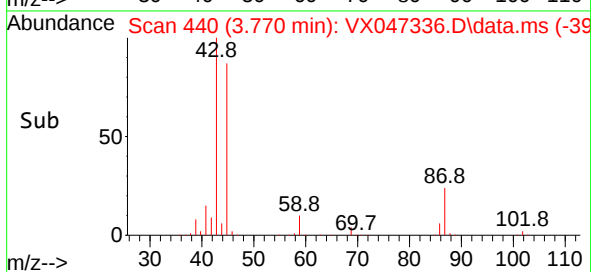
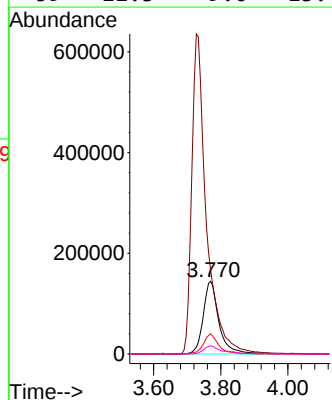
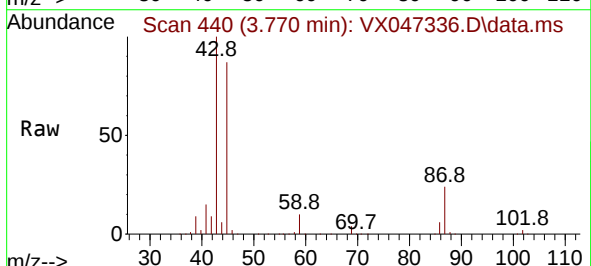
Manual Integrations
APPROVED

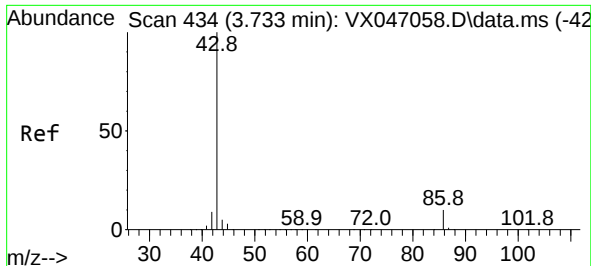
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 49.485 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

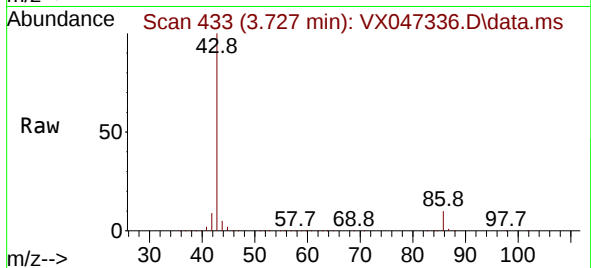
Tgt Ion: 45 Resp: 467231
Ion Ratio Lower Upper
45 100
43 115.1 96.8 145.2
87 27.7 20.5 30.7
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 254.488 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047336.D
 Acq: 14 Aug 2025 10:37

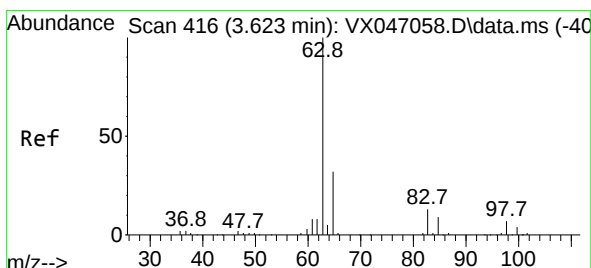
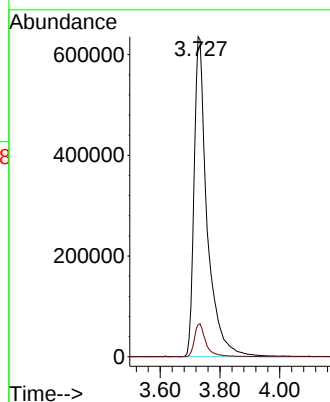
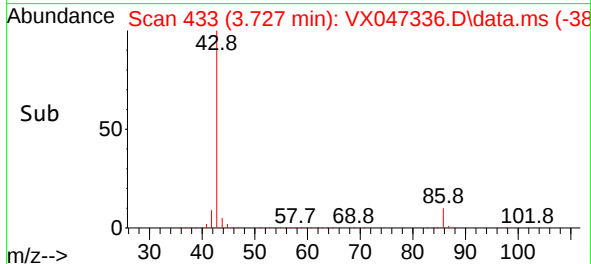
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



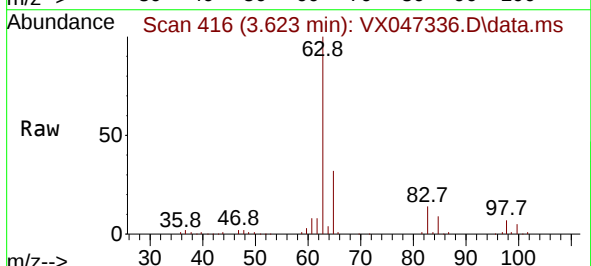
Tgt Ion: 43 Resp: 192725
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

Manual Integrations
 APPROVED

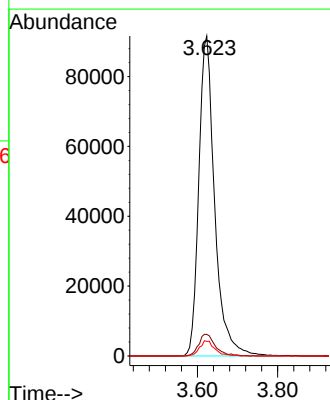
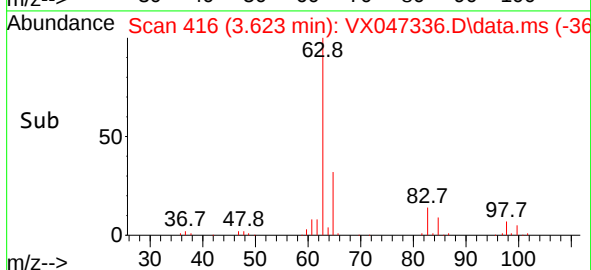
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

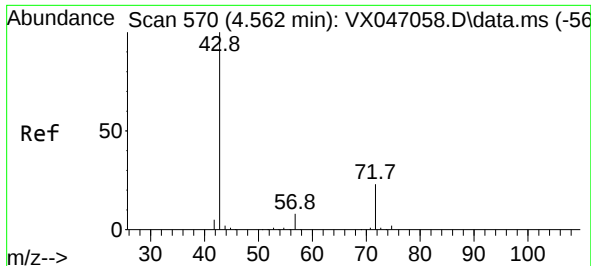


#24
 1,1-Dichloroethane
 Concen: 47.881 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047336.D
 Acq: 14 Aug 2025 10:37



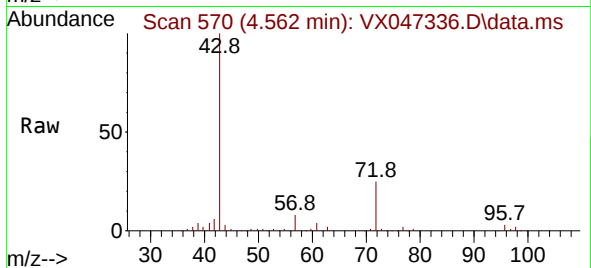
Tgt Ion: 63 Resp: 251395
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 237.685 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

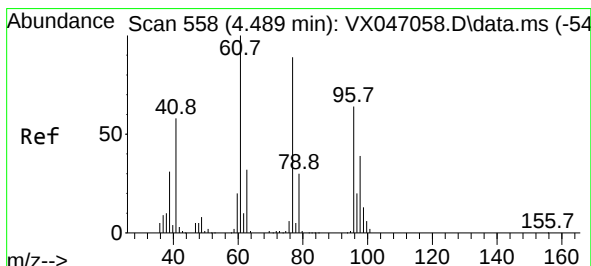
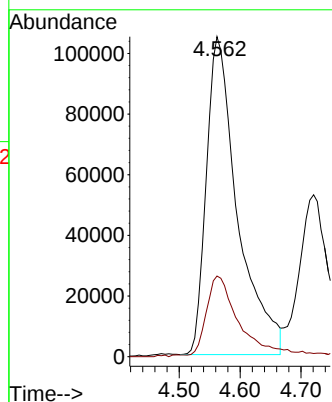
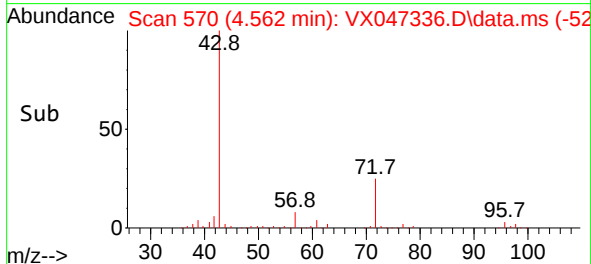
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 37336
Ion Ratio Lower Upper
43 100
72 24.5 18.8 28.2

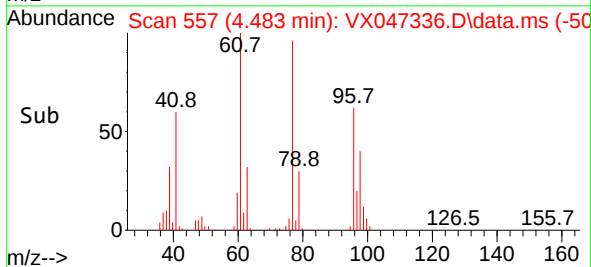
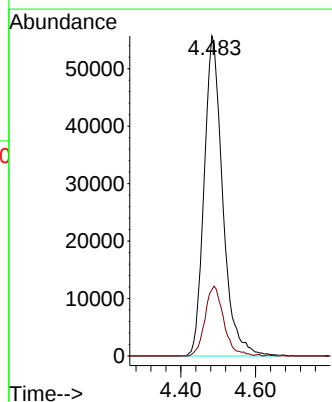
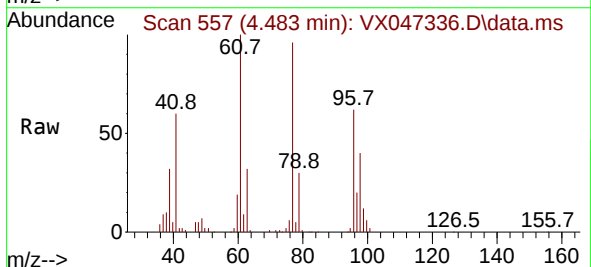
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 47.252 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 77 Resp: 192048
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.554 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 15655

Ion Ratio Lower Upper

96 100

61 146.3 0.0 298.6

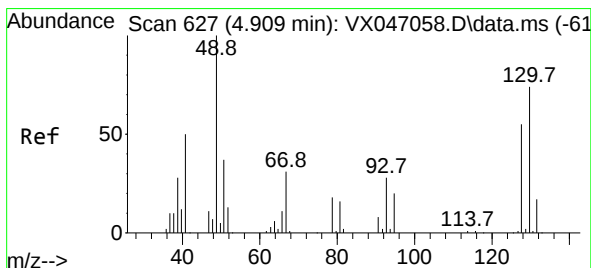
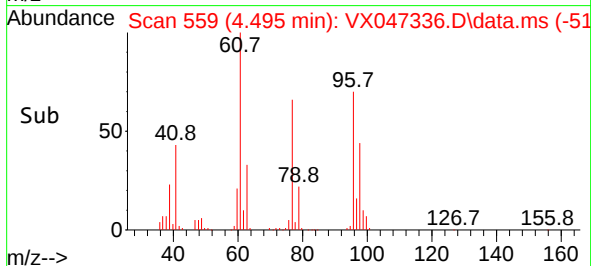
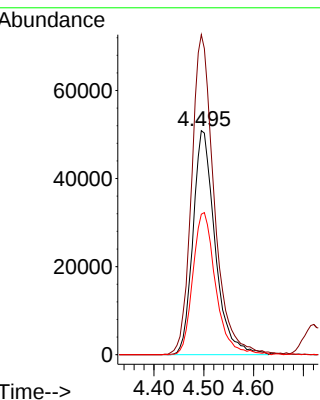
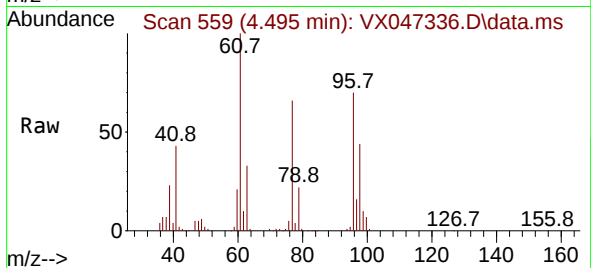
98 65.5 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#28

Bromochloromethane

Concen: 48.841 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

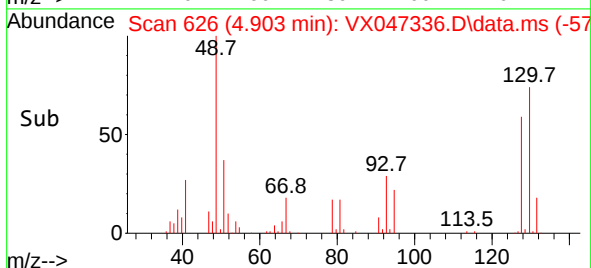
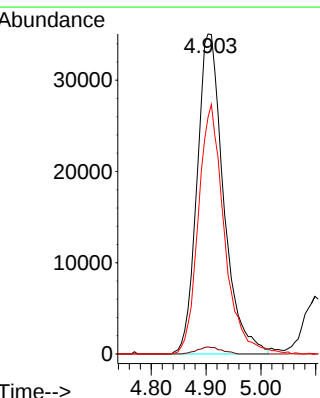
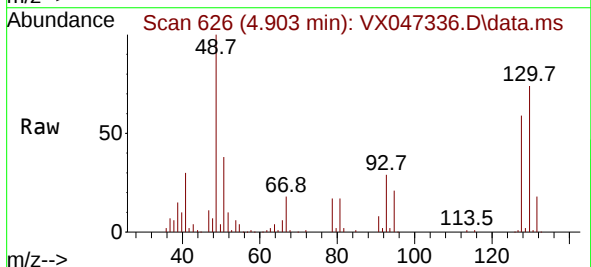
Tgt Ion: 49 Resp: 117976

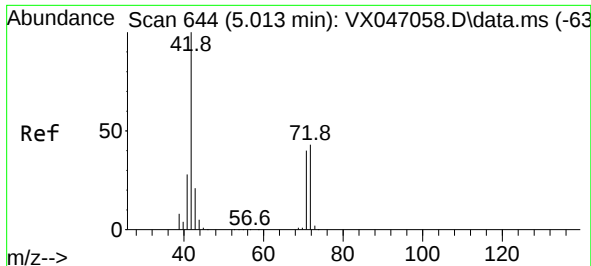
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 76.0 59.0 88.4





#29

Tetrahydrofuran

Concen: 236.966 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

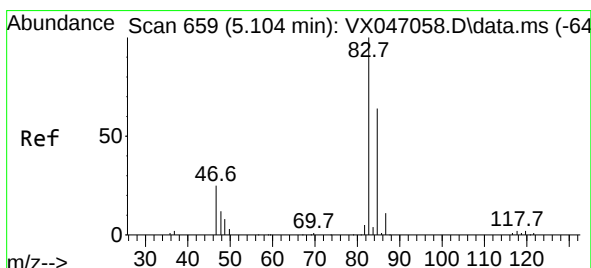
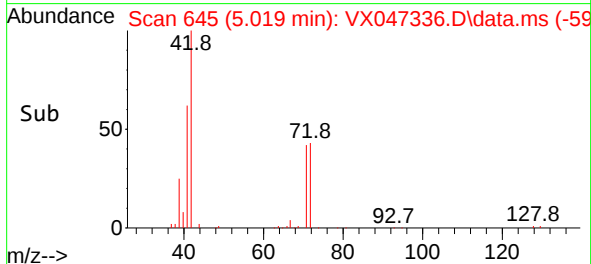
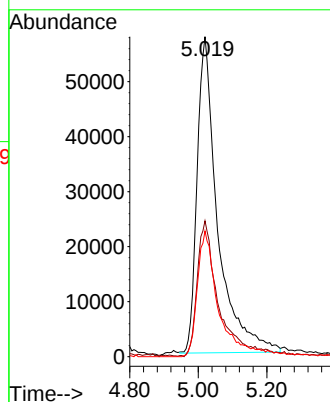
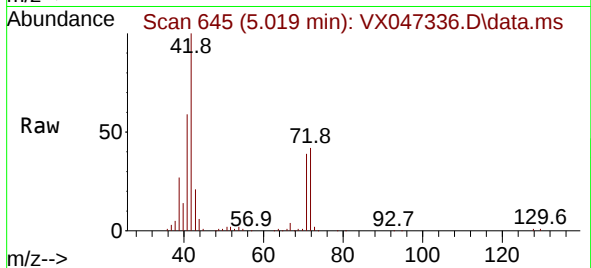
Tgt Ion: 42 Resp: 24017
 Ion Ratio Lower Upper
 42 100
 72 45.6 33.7 50.5
 71 41.5 31.0 46.4

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 48.012 ug/l

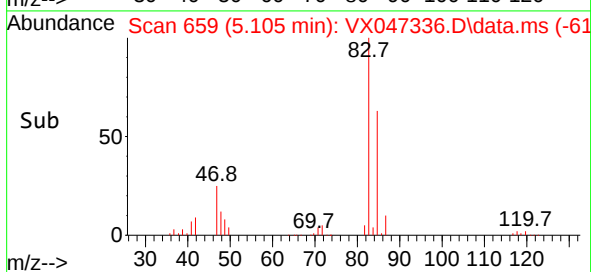
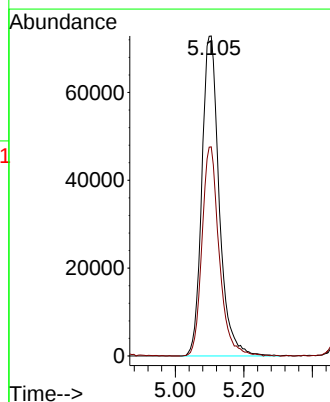
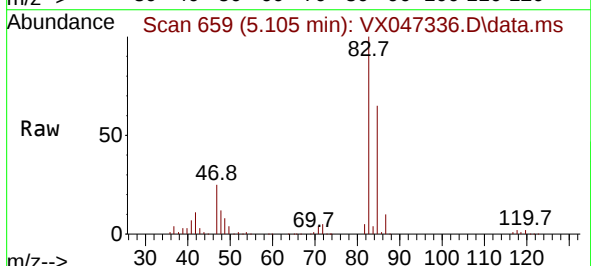
RT: 5.105 min Scan# 659

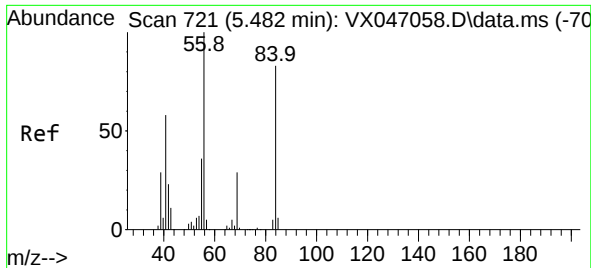
Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

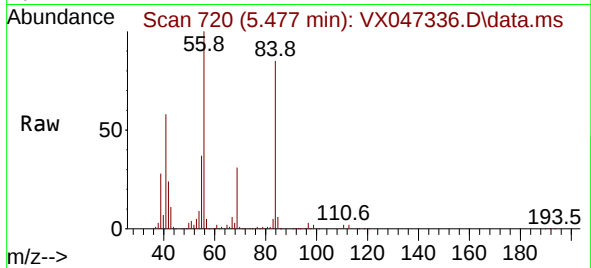
Tgt Ion: 83 Resp: 256605
 Ion Ratio Lower Upper
 83 100
 85 65.3 50.9 76.3





#31
Cyclohexane
Concen: 43.426 ug/l
RT: 5.477 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

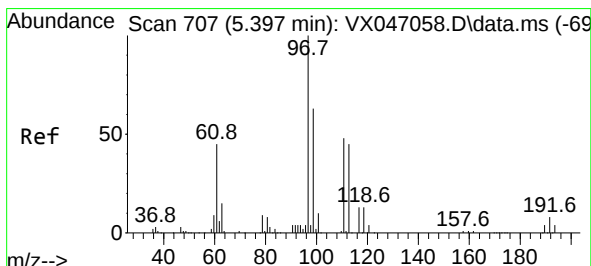
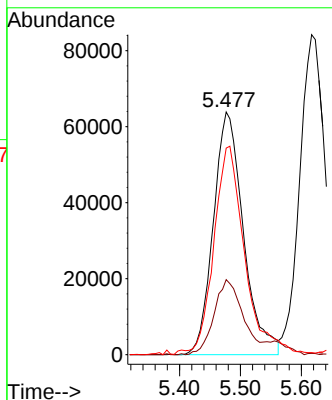
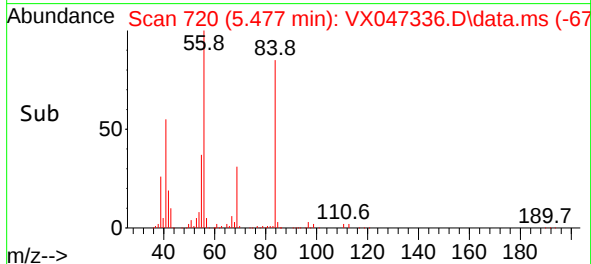
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



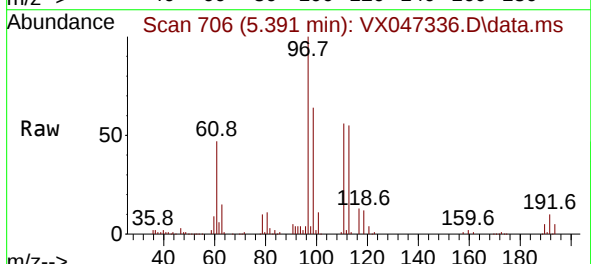
Tgt Ion: 56 Resp: 21862
Ion Ratio Lower Upper
56 100
69 30.4 23.3 34.9
84 83.6 66.5 99.7

Manual Integrations
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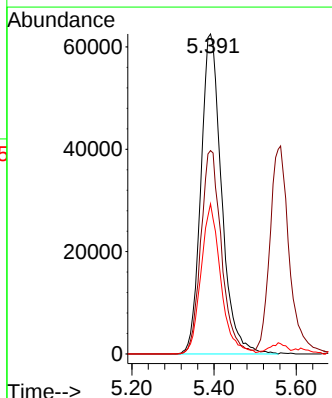
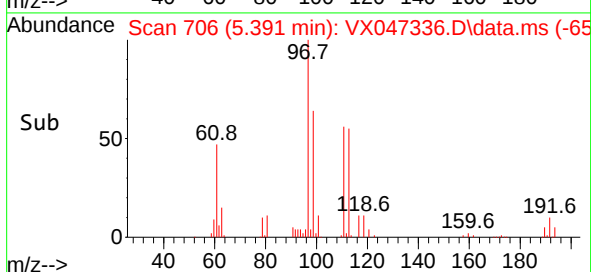
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 47.085 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



Tgt Ion: 97 Resp: 218576
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 44.9 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 53.400 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 143800

Ion Ratio Lower Upper

65 100

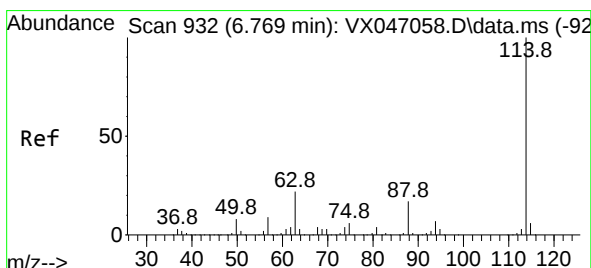
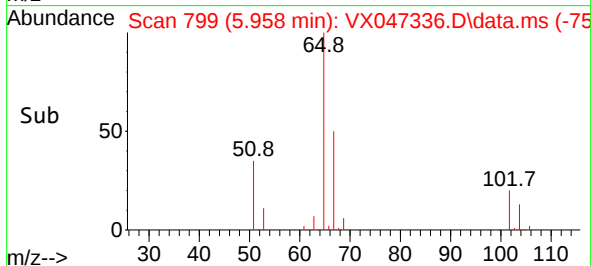
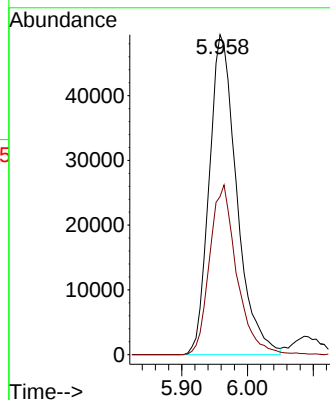
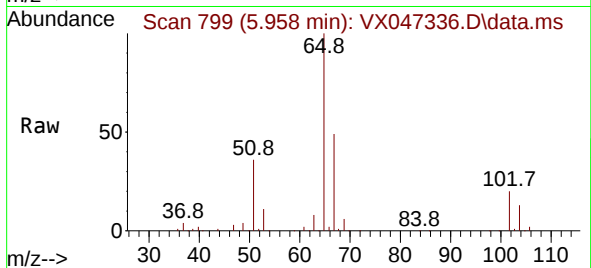
67 52.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

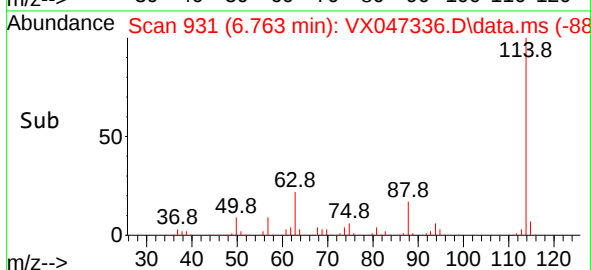
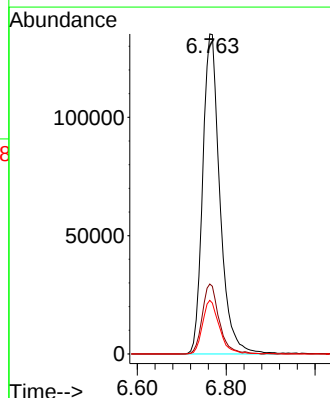
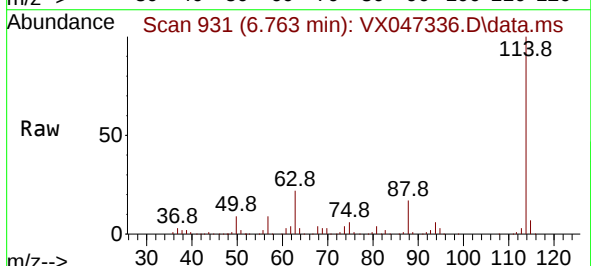
Tgt Ion:114 Resp: 364381

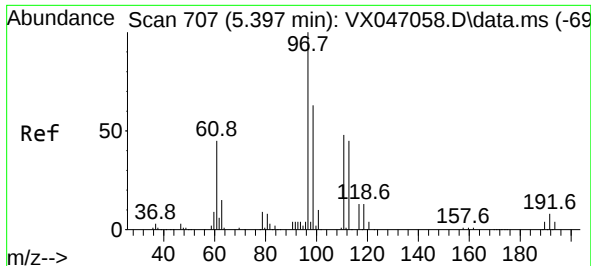
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

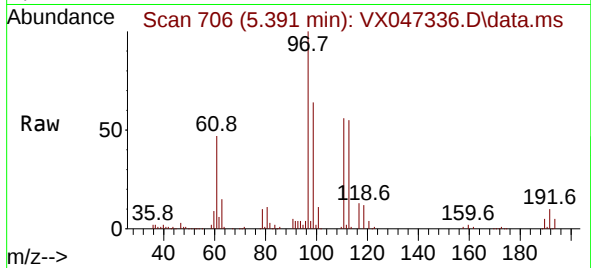
88 16.8 0.0 33.8





#35
Dibromofluoromethane
Concen: 49.953 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

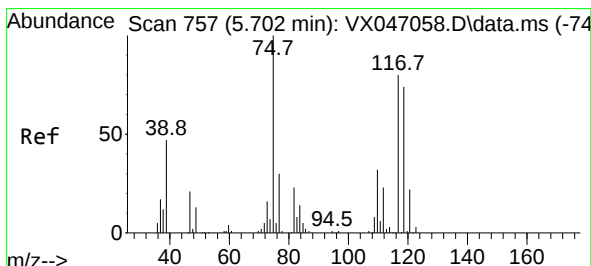
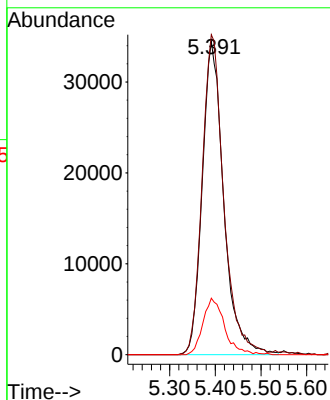
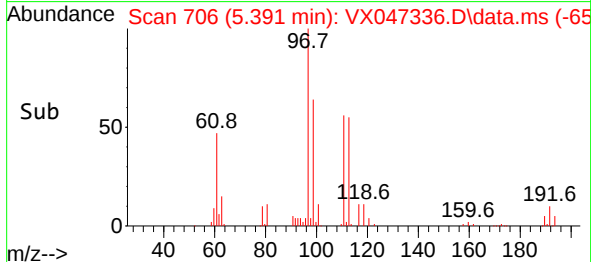
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 11238
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.3 14.9 22.3

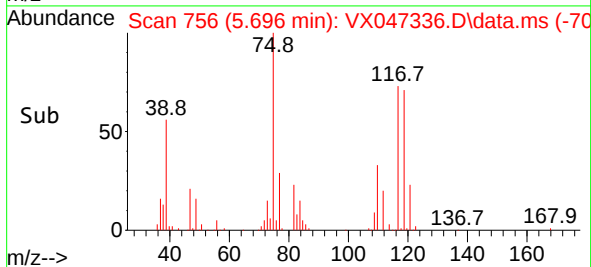
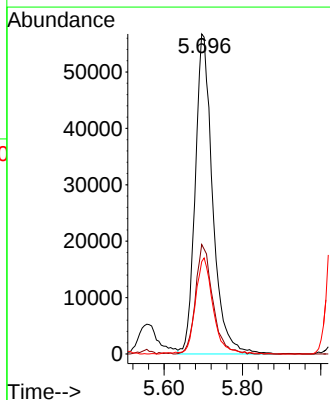
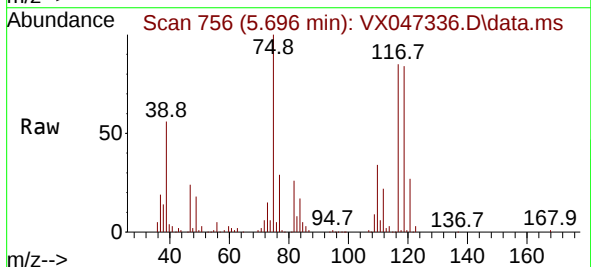
Manual Integrations
APPROVED

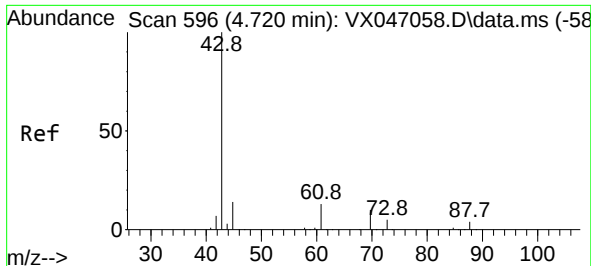
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 45.816 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 75 Resp: 175706
Ion Ratio Lower Upper
75 100
110 33.9 17.2 51.5
77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 56.505 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19967

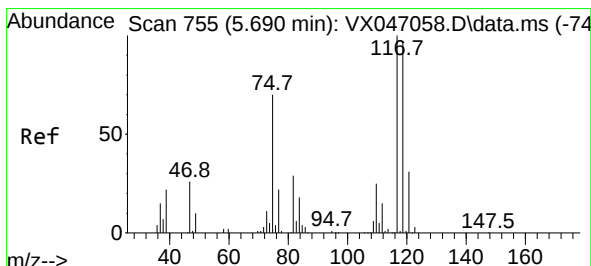
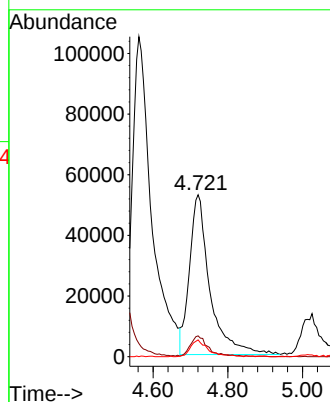
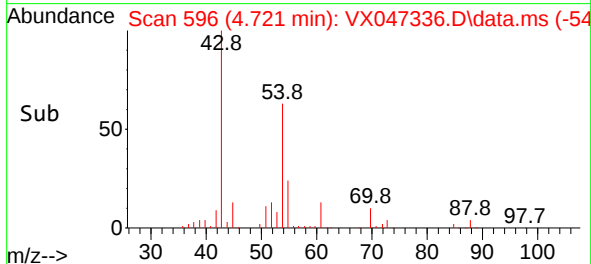
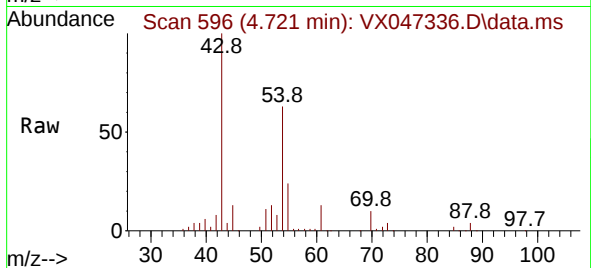
Ion	Ratio	Lower	Upper
43	100		
61	10.6	10.2	15.2
70	8.6	8.1	12.1

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#38

Carbon Tetrachloride

Concen: 46.198 ug/l

RT: 5.684 min Scan# 754

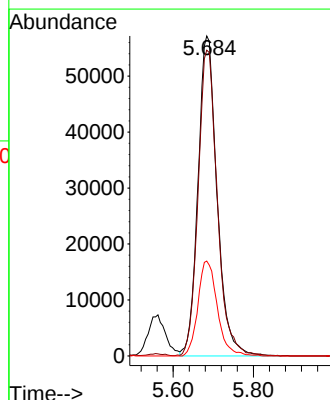
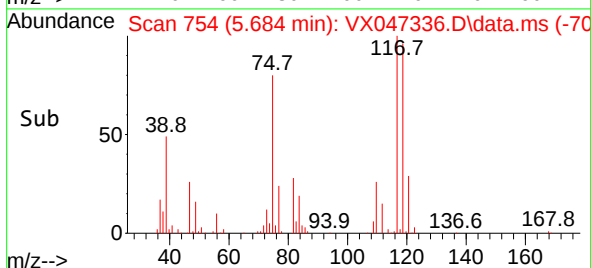
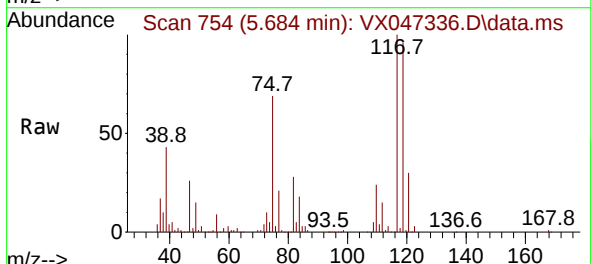
Delta R.T. -0.006 min

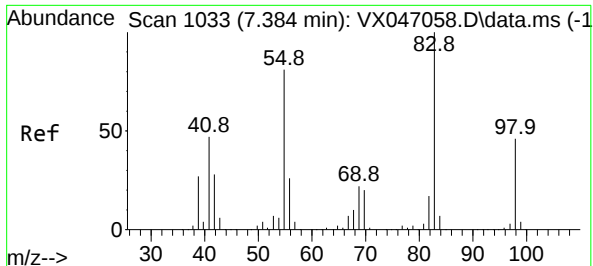
Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Tgt Ion:117 Resp: 189096

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	115.0
121	29.7	24.4	36.6





#39

Methylcyclohexane

Concen: 43.780 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 209620

Ion Ratio Lower Upper

83 100

55 78.4 64.5 96.7

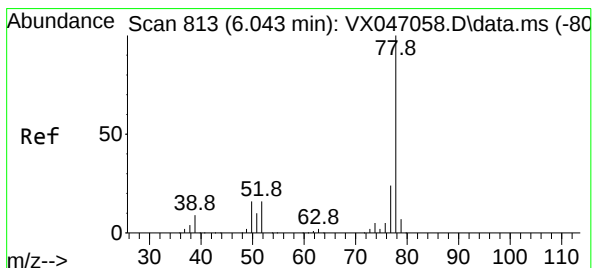
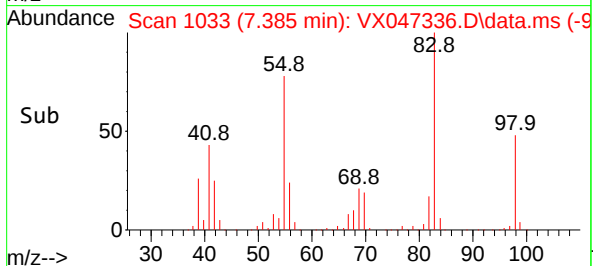
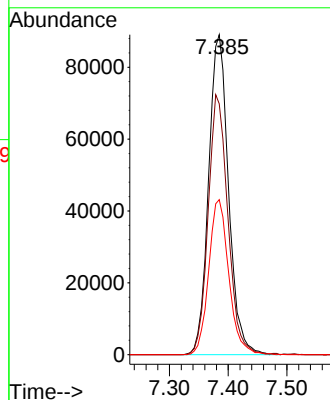
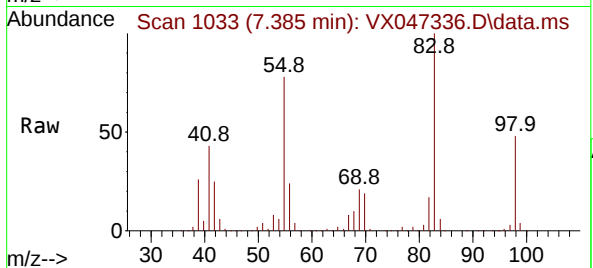
98 48.5 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 47.737 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047336.D

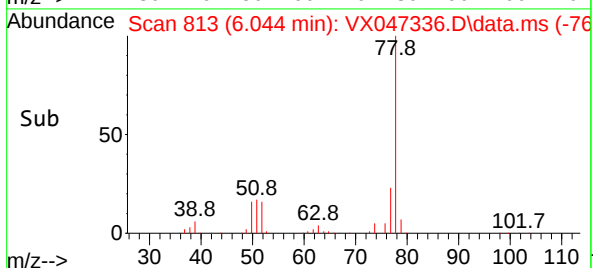
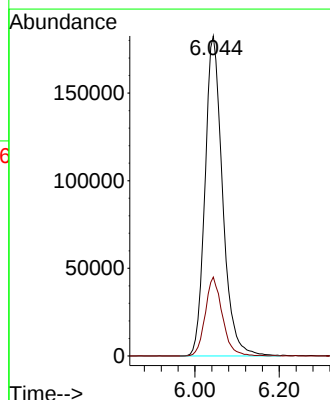
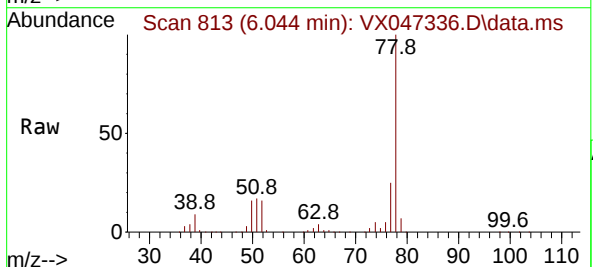
Acq: 14 Aug 2025 10:37

Tgt Ion: 78 Resp: 529812

Ion Ratio Lower Upper

78 100

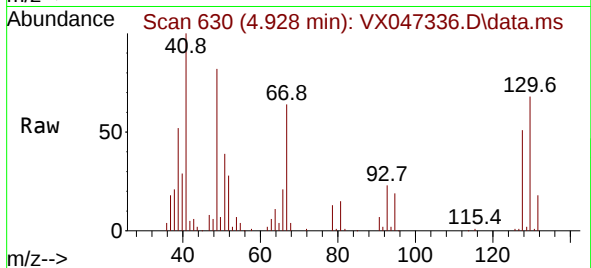
77 24.7 19.0 28.4





#41
Methacrylonitrile
Concen: 45.467 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

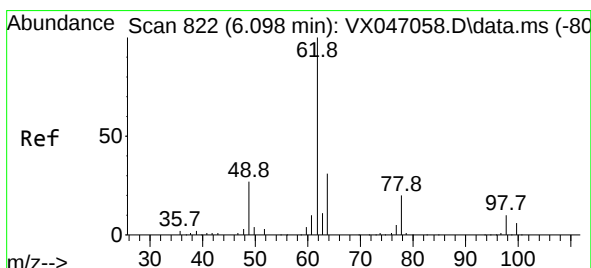
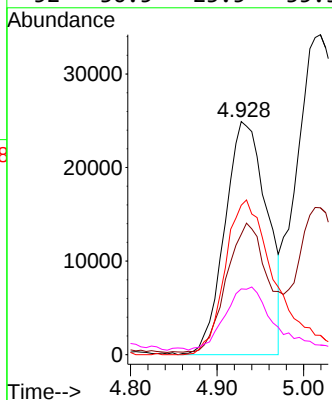
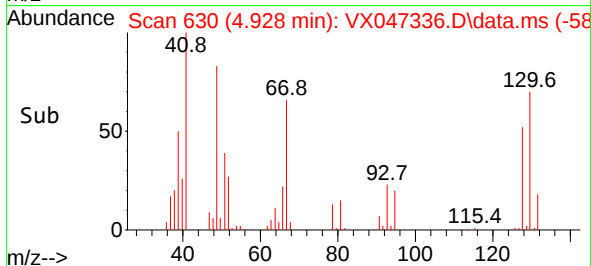
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8400
Ion Ratio Lower Upper
41 100
39 56.2 44.2 66.2
67 83.2 56.4 84.6
52 36.5 23.5 35.3#

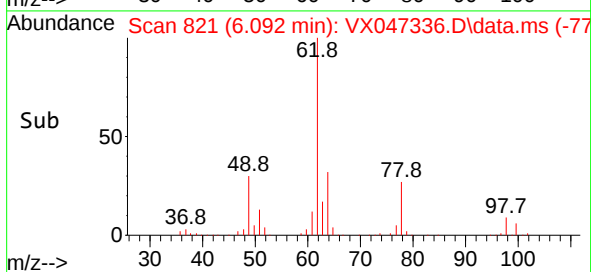
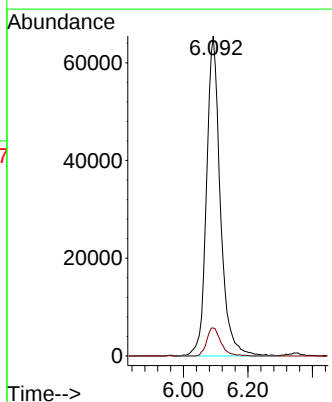
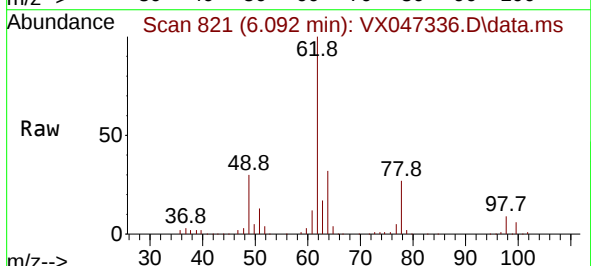
Manual Integrations
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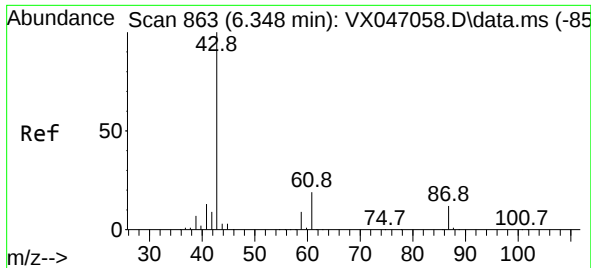
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 49.914 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

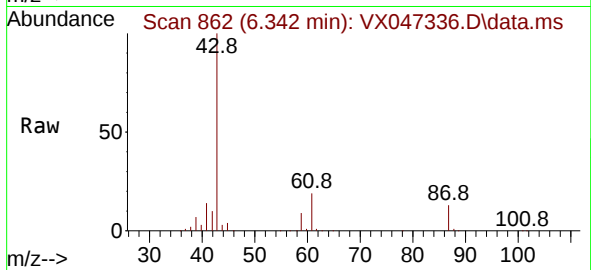
Tgt Ion: 62 Resp: 195142
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.8





#43
Isopropyl Acetate
Concen: 51.604 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

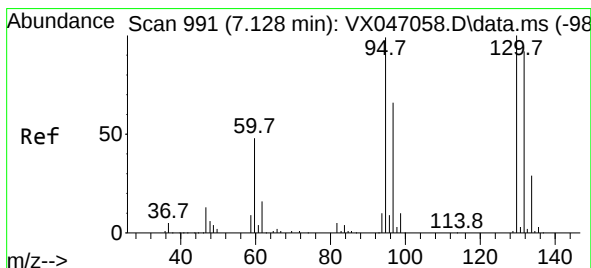
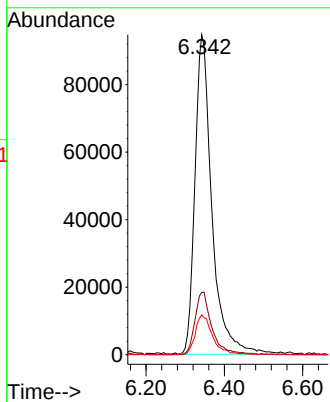
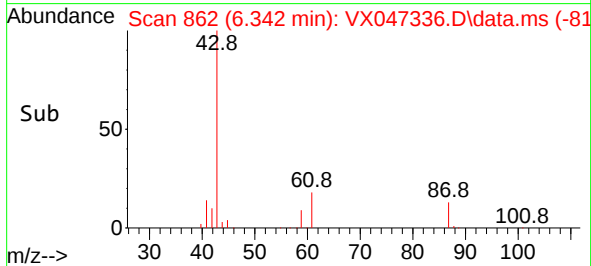
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 284290
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7
87 12.8 9.7 14.5

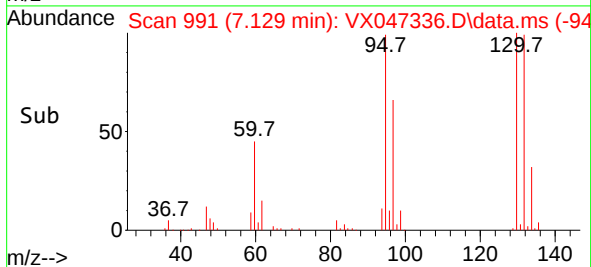
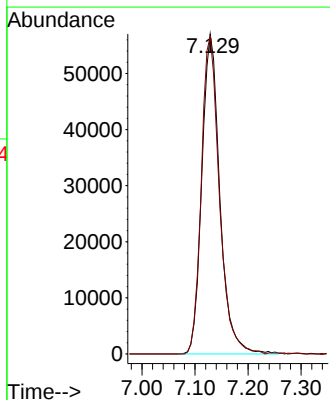
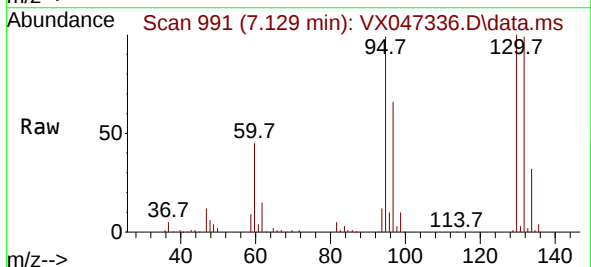
Manual Integrations
APPROVED

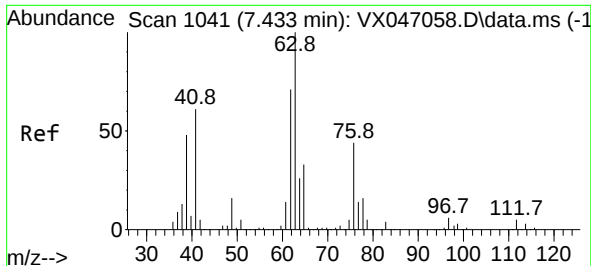
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 47.259 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

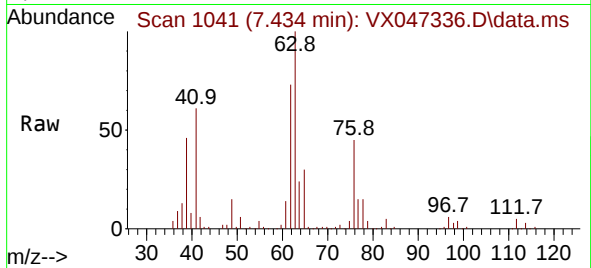
Tgt Ion:130 Resp: 134500
Ion Ratio Lower Upper
130 100
95 99.2 0.0 198.6





#45
1,2-Dichloropropane
Concen: 48.459 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

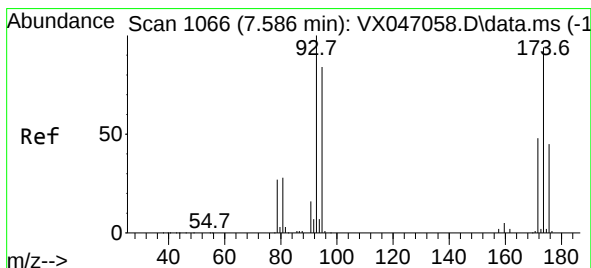
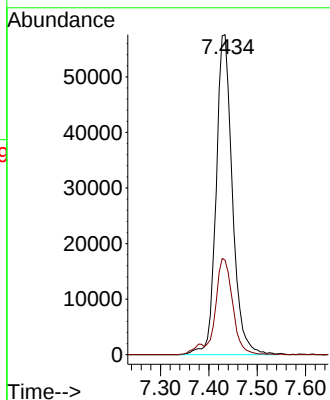
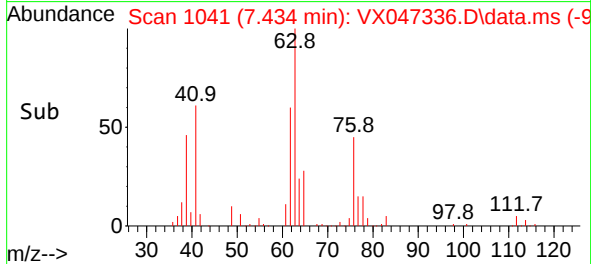
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 13470
Ion Ratio Lower Upper
63 100
65 29.5 26.3 39.5

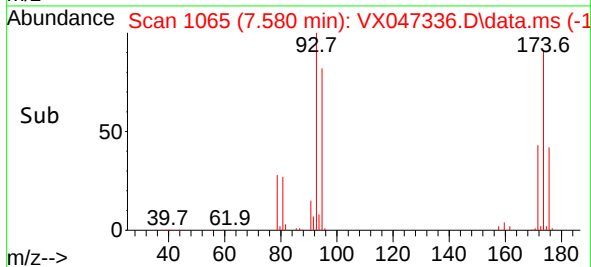
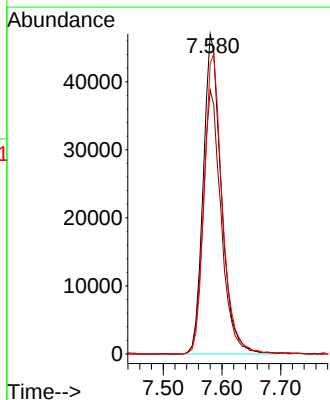
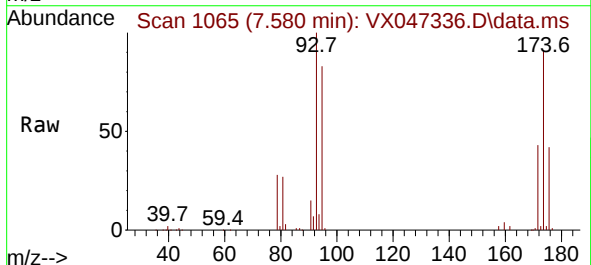
Manual Integrations
APPROVED

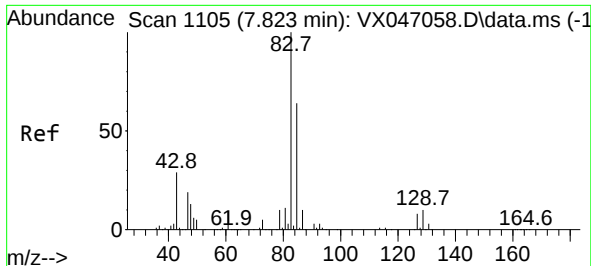
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#46
Dibromomethane
Concen: 51.354 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

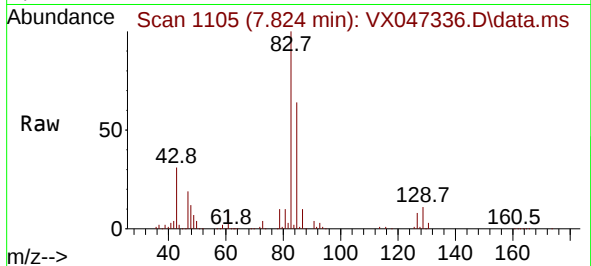
Tgt Ion: 93 Resp: 100103
Ion Ratio Lower Upper
93 100
95 82.9 65.9 98.9
174 94.2 74.6 112.0





#47
Bromodichloromethane
Concen: 49.252 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

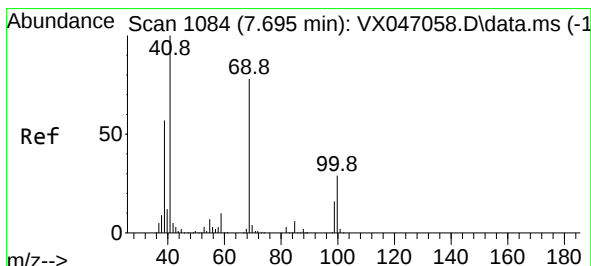
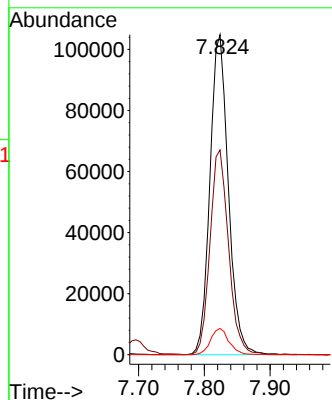
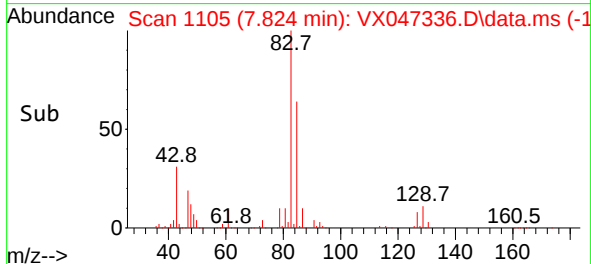
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 204348
Ion Ratio Lower Upper
83 100
85 63.9 49.9 74.9
127 8.2 6.6 10.0

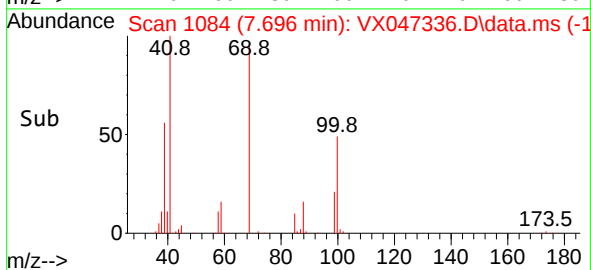
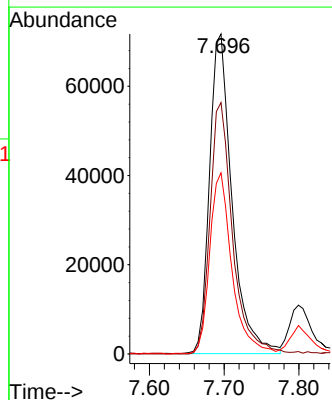
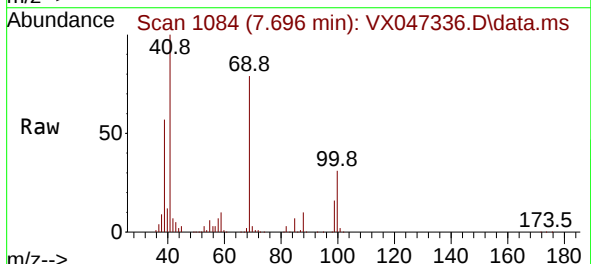
Manual Integrations
APPROVED

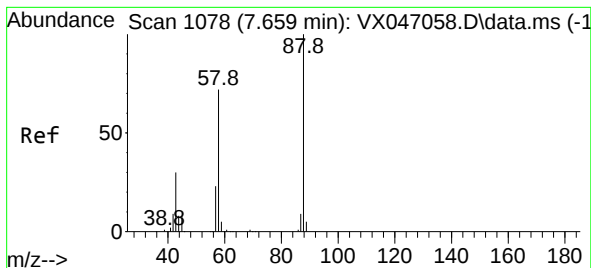
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 50.008 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 41 Resp: 150081
Ion Ratio Lower Upper
41 100
69 78.9 62.3 93.5
39 56.2 44.8 67.2





#49

1,4-Dioxane

Concen: 992.555 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.019 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

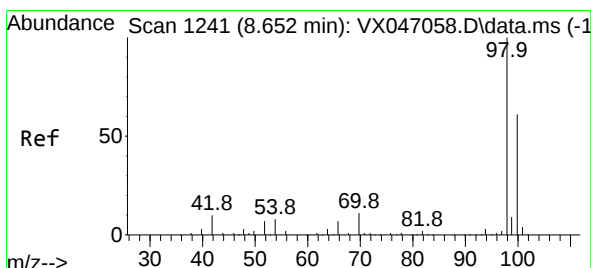
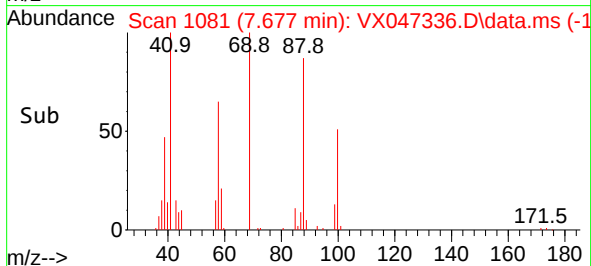
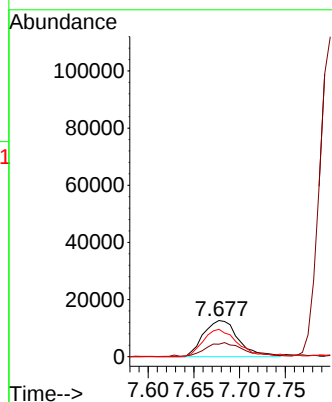
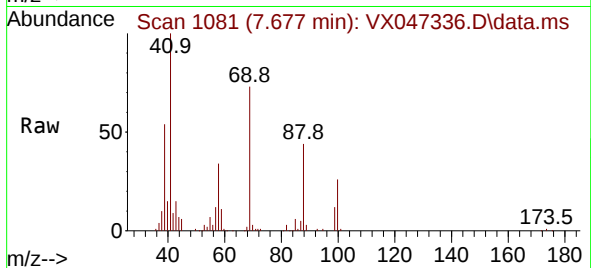
Tgt Ion: 88 Resp: 33880
 Ion Ratio Lower Upper
 88 100
 43 39.0 33.6 50.4
 58 75.0 58.8 88.2

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 54.074 ug/l

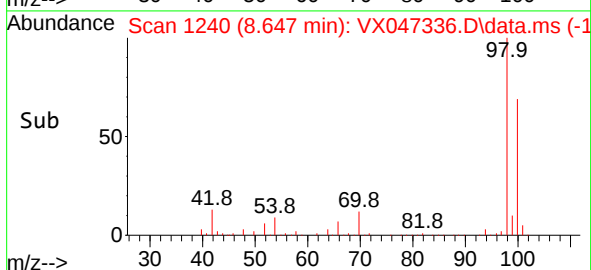
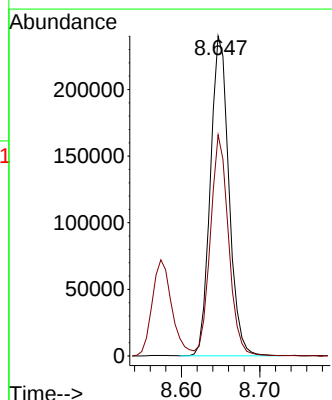
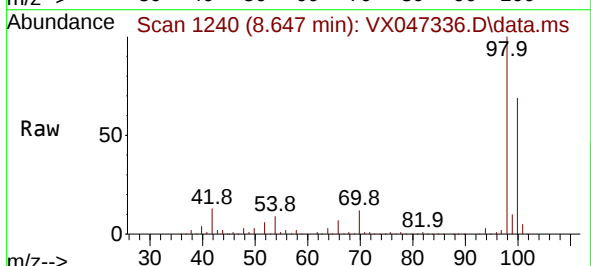
RT: 8.647 min Scan# 1240

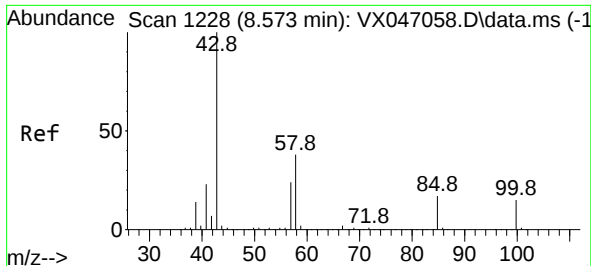
Delta R.T. -0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Tgt Ion: 98 Resp: 393982
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.3 79.9





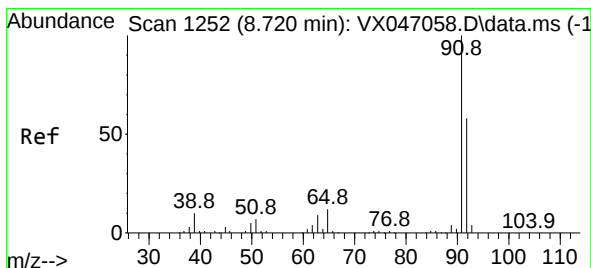
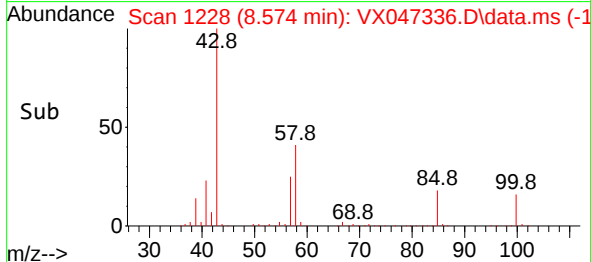
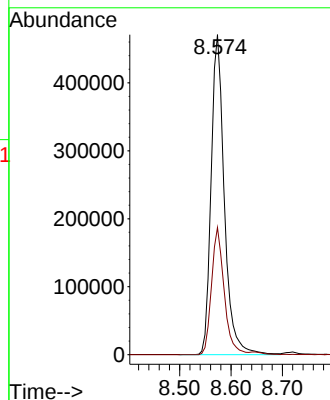
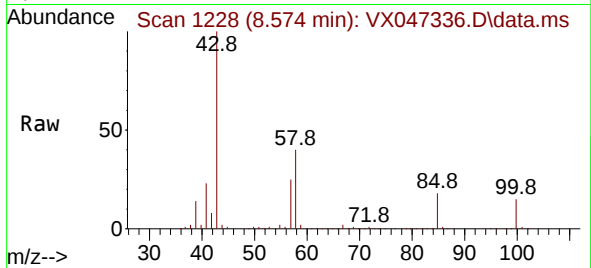
#51
4-Methyl-2-Pentanone
Concen: 256.357 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 83944
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8

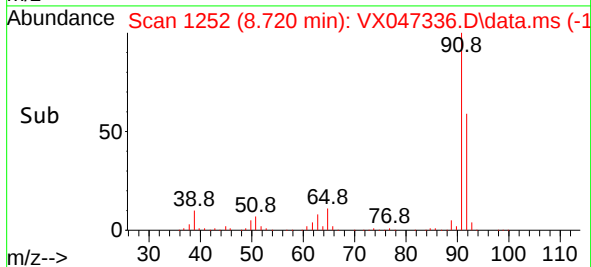
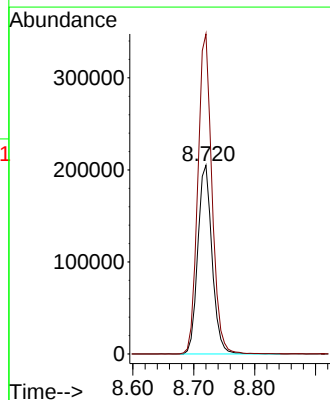
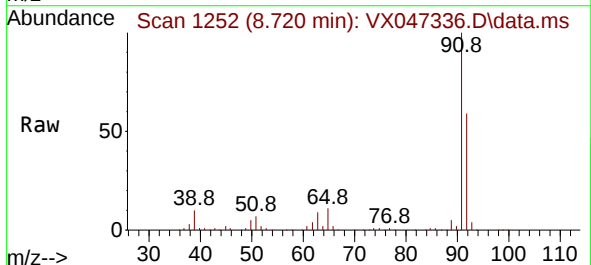
Manual Integrations
APPROVED

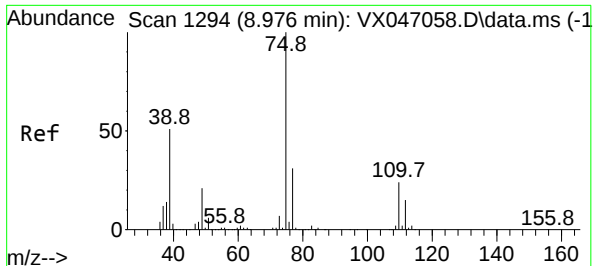
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 48.798 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 92 Resp: 333006
Ion Ratio Lower Upper
92 100
91 168.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 48.534 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 190158

Ion Ratio Lower Upper

75 100

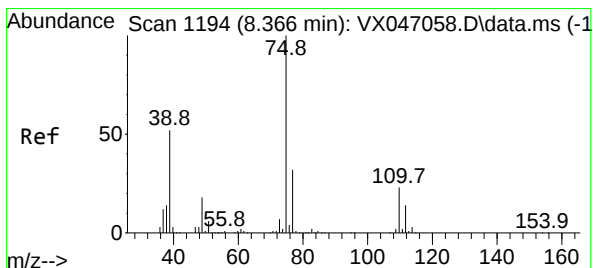
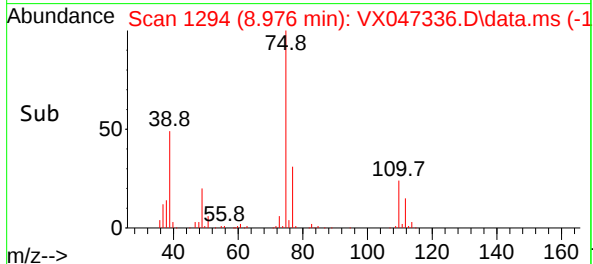
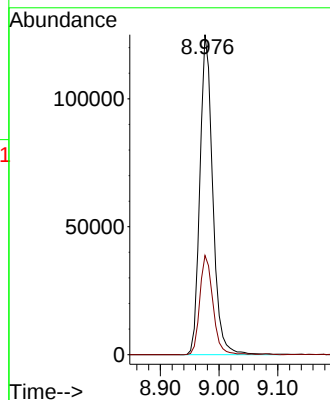
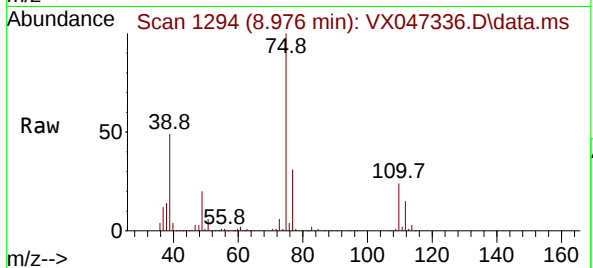
77 31.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#54

cis-1,3-Dichloropropene

Concen: 48.060 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

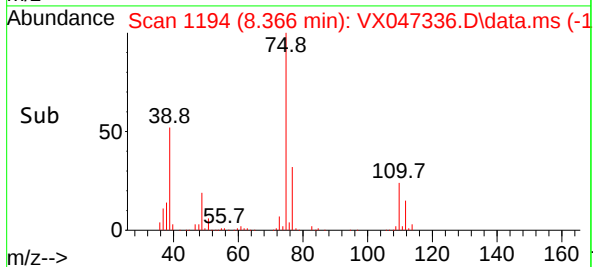
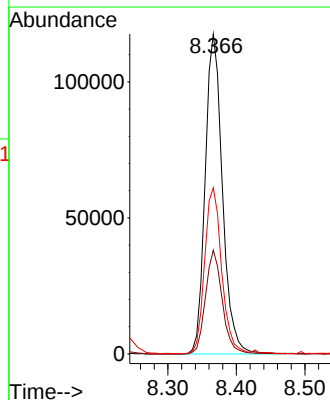
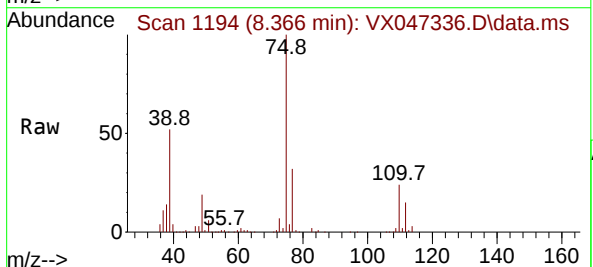
Tgt Ion: 75 Resp: 206091

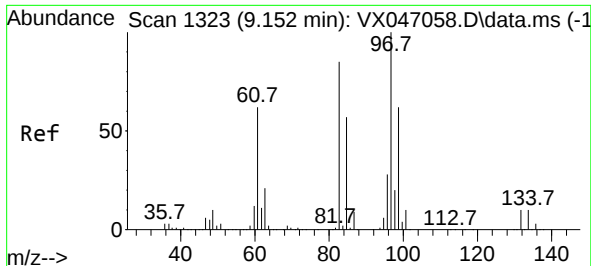
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

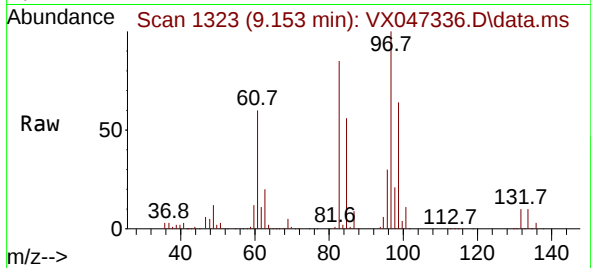
39 51.8 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 50.781 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

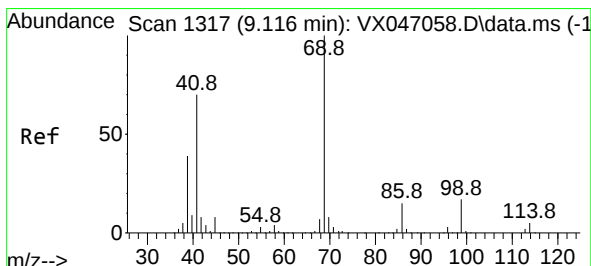
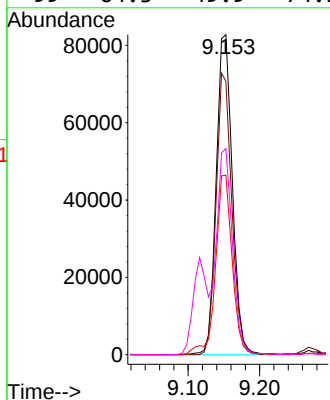
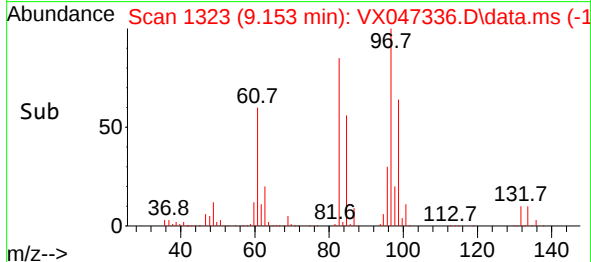
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



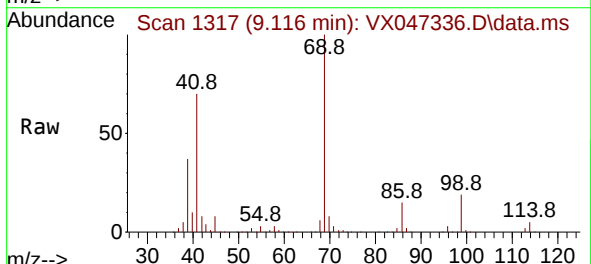
Tgt Ion:	97	Resp:	129962
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.0	102.0
85	56.0	45.2	67.8
99	64.3	49.9	74.9

Manual Integrations
APPROVED

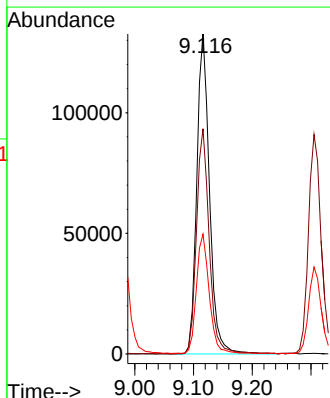
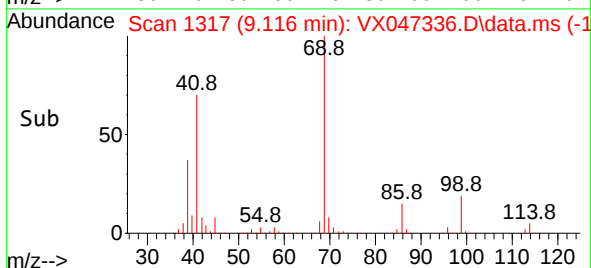
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

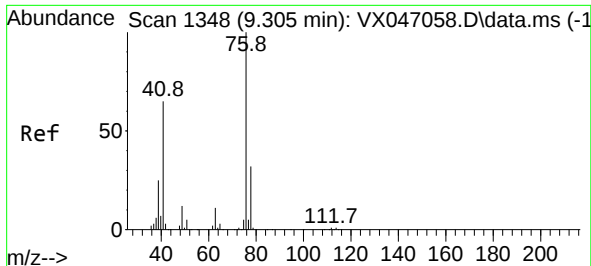


#56
Ethyl methacrylate
Concen: 52.723 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



Tgt Ion:	69	Resp:	199756
Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.1	84.1
39	37.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 50.286 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 223669

Ion Ratio Lower Upper

76 100

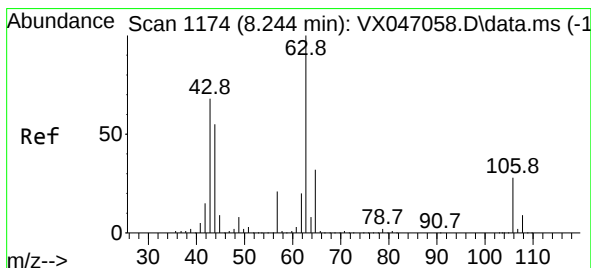
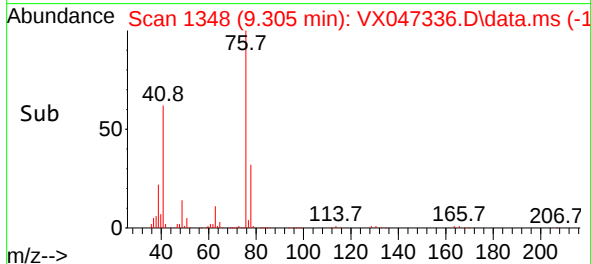
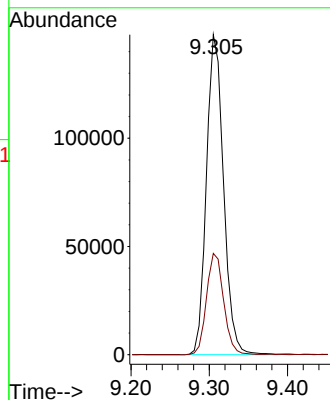
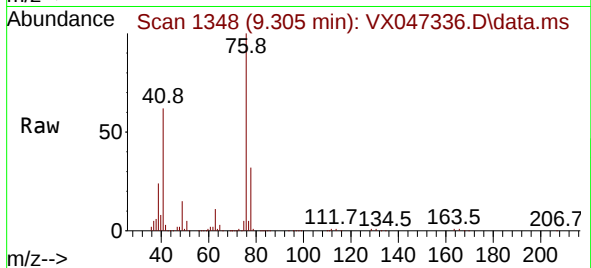
78 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 230.595 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047336.D

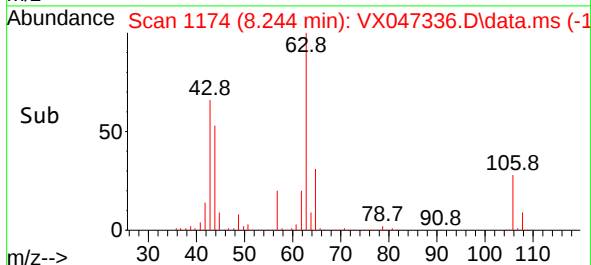
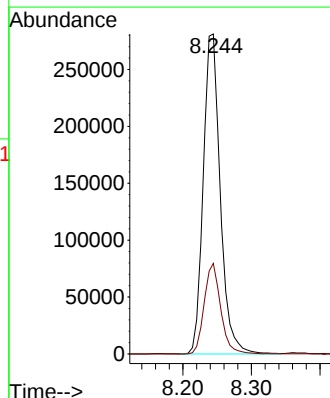
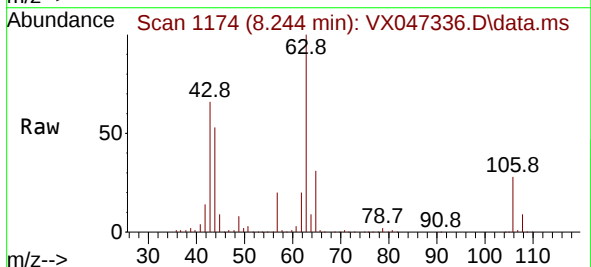
Acq: 14 Aug 2025 10:37

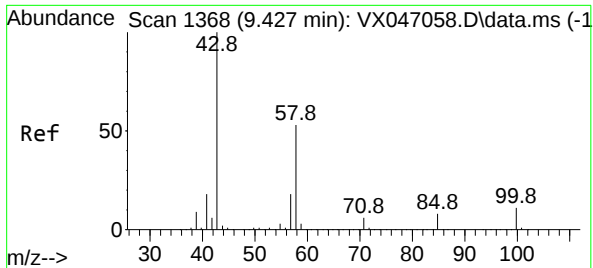
Tgt Ion: 63 Resp: 486170

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.4





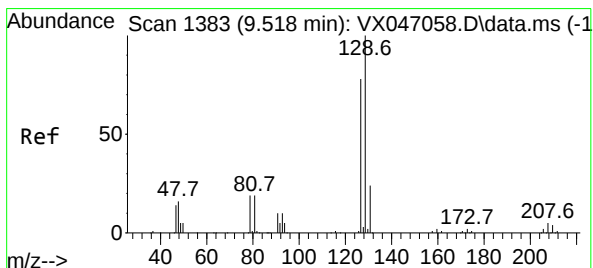
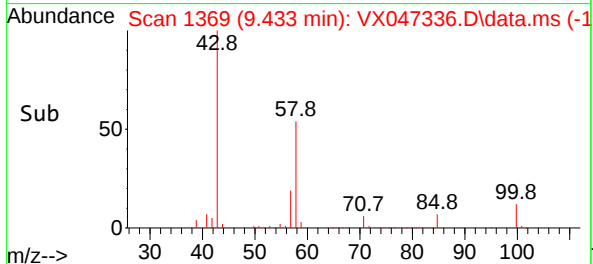
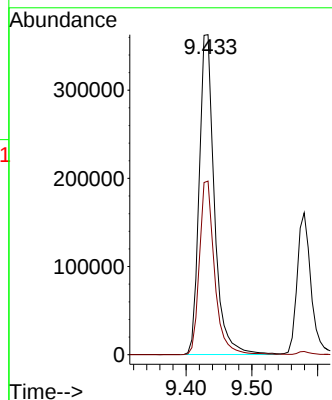
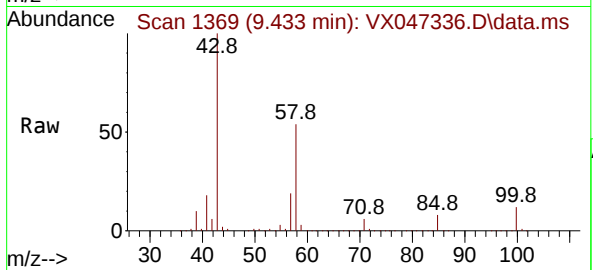
#59
2-Hexanone
Concen: 268.689 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 58128
Ion Ratio Lower Upper
43 100
58 54.3 26.5 79.5

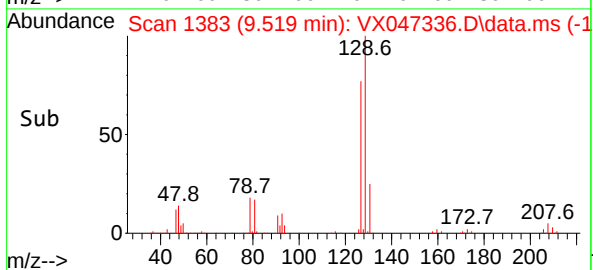
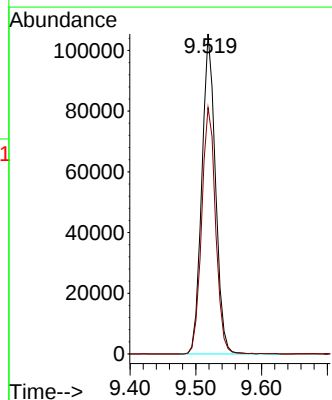
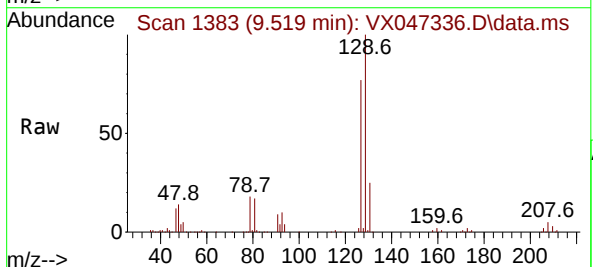
Manual Integrations
APPROVED

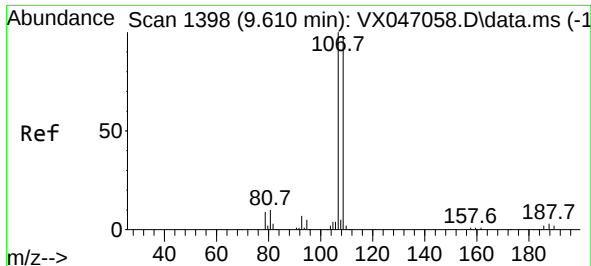
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 50.582 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

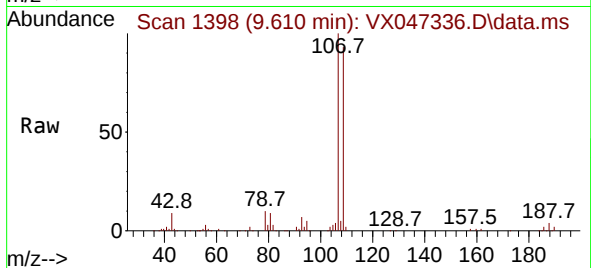
Tgt Ion:129 Resp: 151824
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 49.612 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

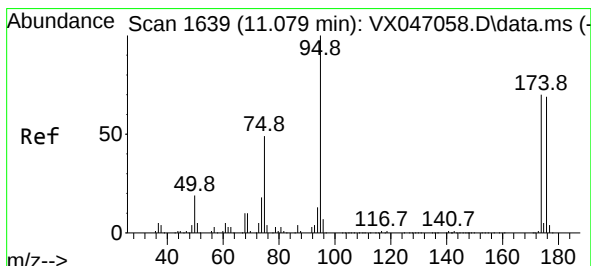
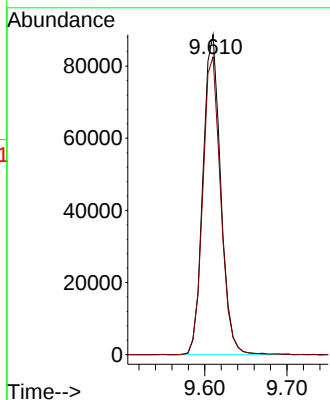
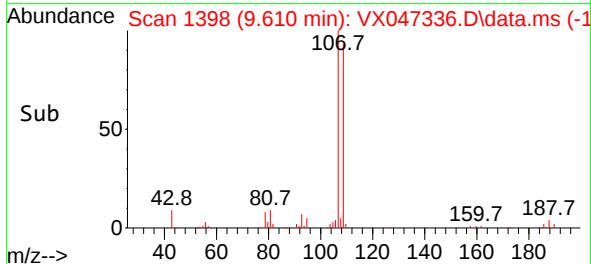
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



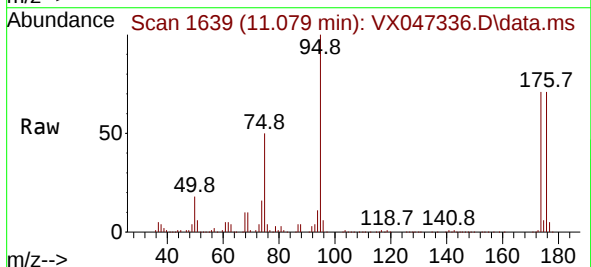
Tgt Ion:107 Resp: 132764
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0

Manual Integrations
APPROVED

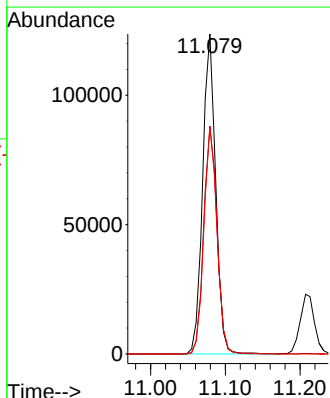
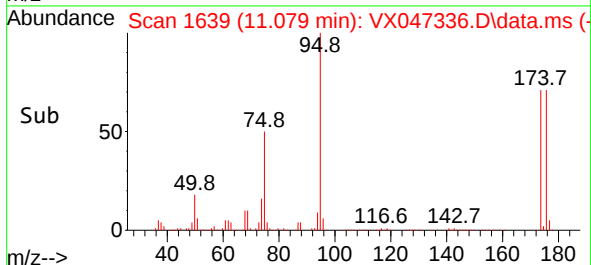
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

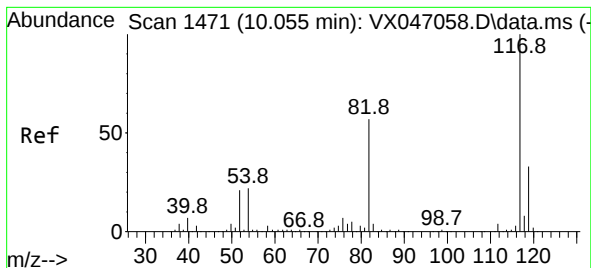


#62
4-Bromofluorobenzene
Concen: 47.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



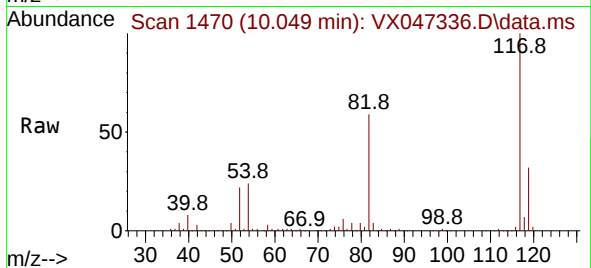
Tgt Ion: 95 Resp: 149323
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 71.2 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

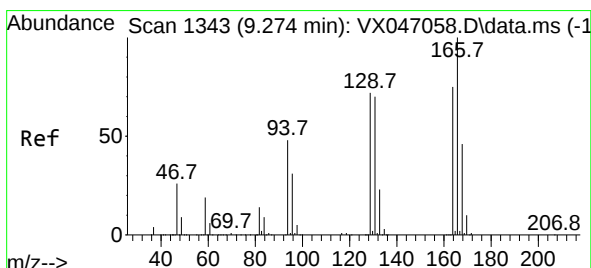
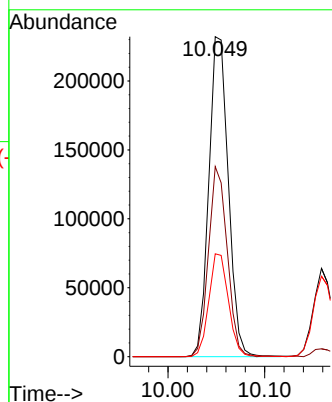
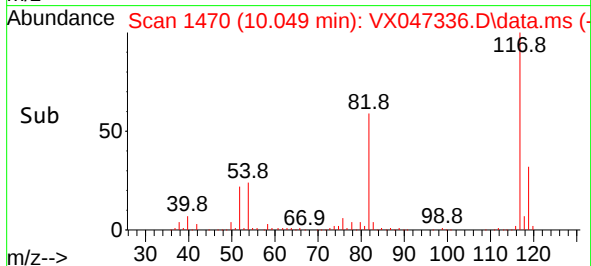
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 324602
Ion Ratio Lower Upper
117 100
82 59.4 45.4 68.2
119 32.2 26.1 39.1

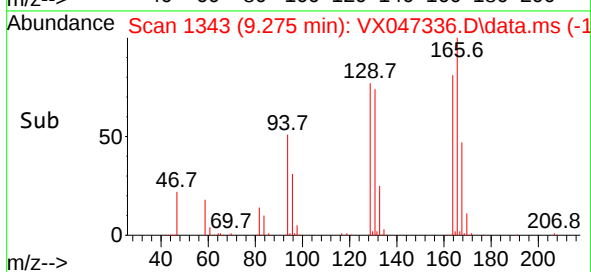
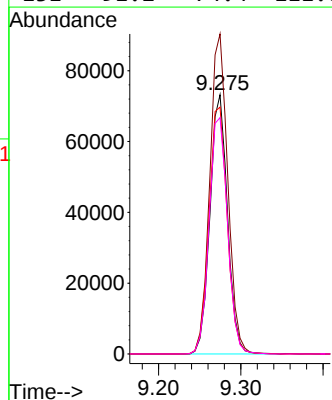
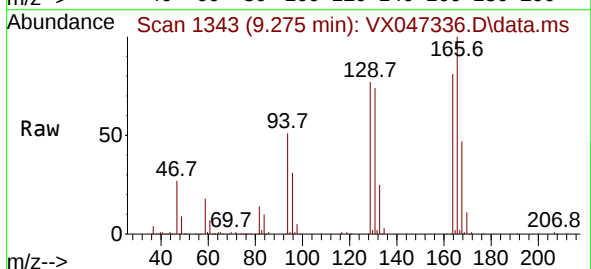
Manual Integrations
APPROVED

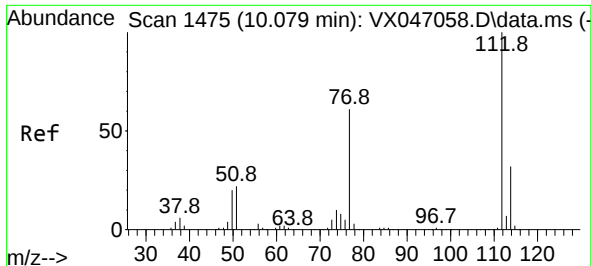
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 46.246 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

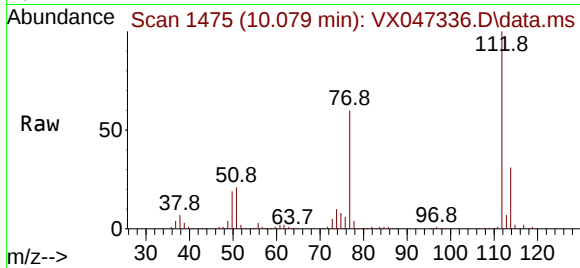
Tgt Ion:164 Resp: 108216
Ion Ratio Lower Upper
164 100
166 123.5 106.2 159.4
129 95.3 76.6 114.8
131 91.2 74.4 111.6





#65
Chlorobenzene
Concen: 48.146 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

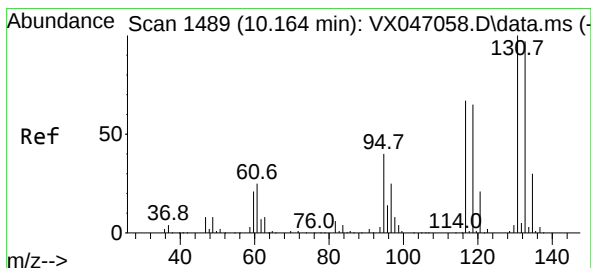
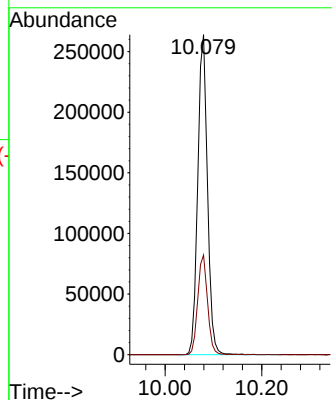
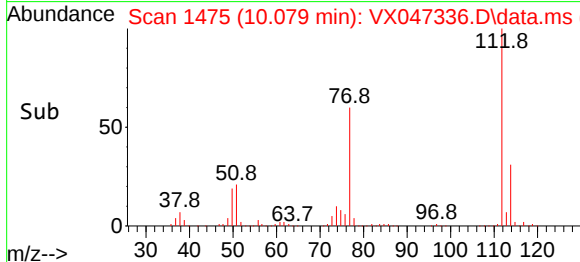
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



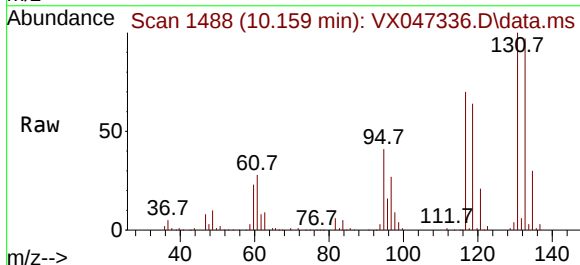
Tgt Ion:112 Resp: 36612
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

Manual Integrations
APPROVED

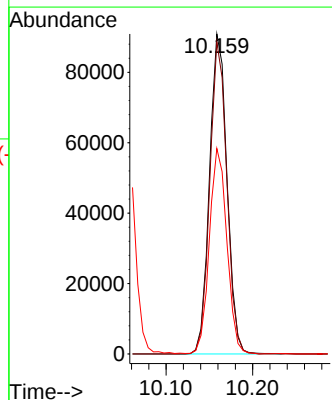
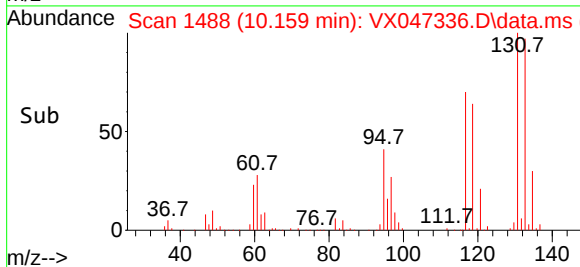
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

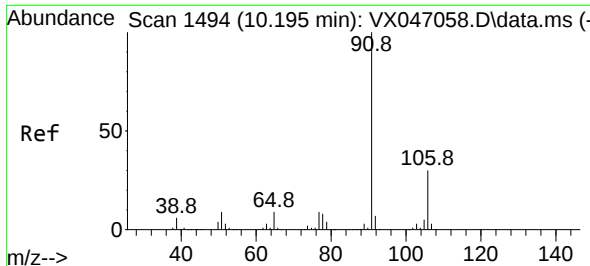


#66
1,1,1,2-Tetrachloroethane
Concen: 49.796 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



Tgt Ion:131 Resp: 127490
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.3
119 64.3 32.4 97.0





#67

Ethyl Benzene

Concen: 47.796 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 63549

Ion Ratio Lower Upper

91 100

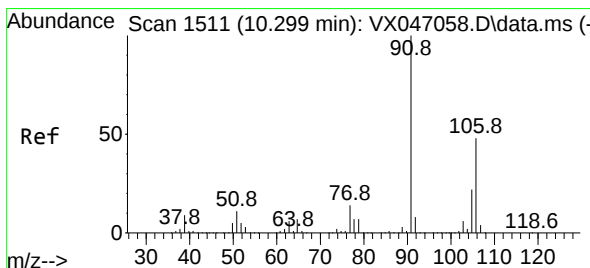
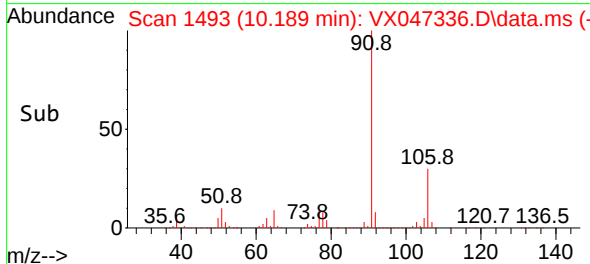
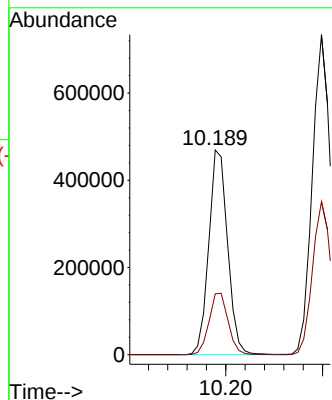
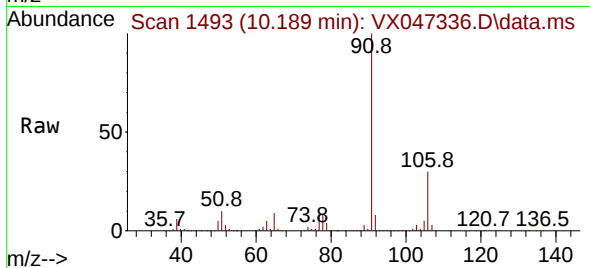
106 29.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#68

m/p-Xylenes

Concen: 95.321 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047336.D

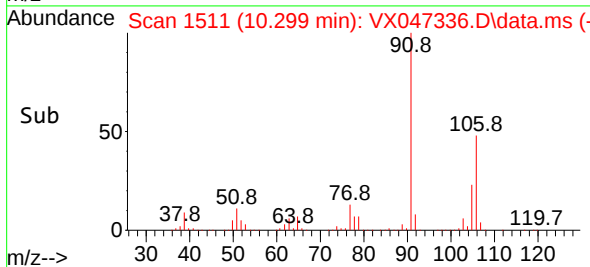
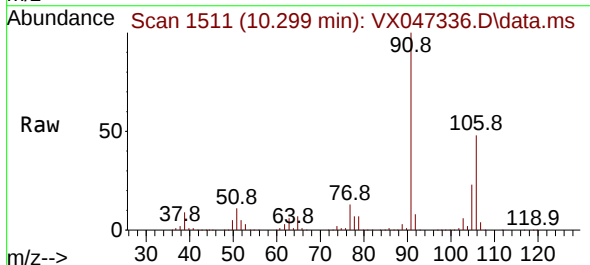
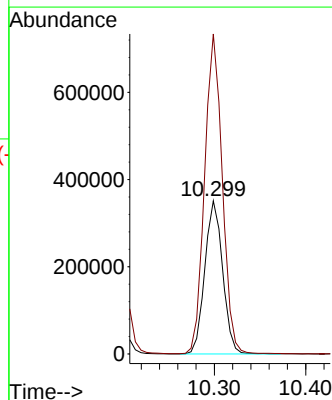
Acq: 14 Aug 2025 10:37

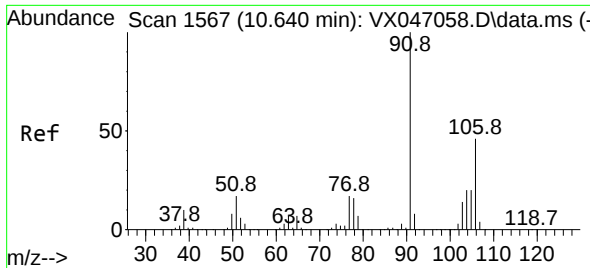
Tgt Ion:106 Resp: 474279

Ion Ratio Lower Upper

106 100

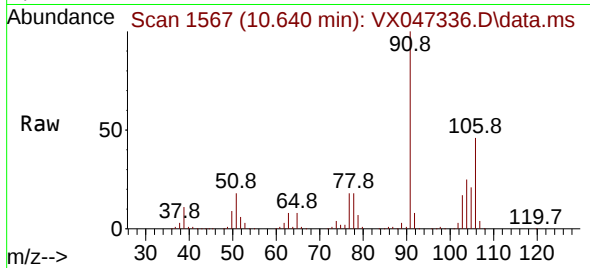
91 207.7 167.4 251.0





#69
o-Xylene
Concen: 48.705 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

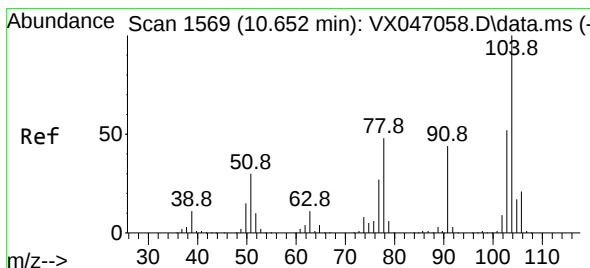
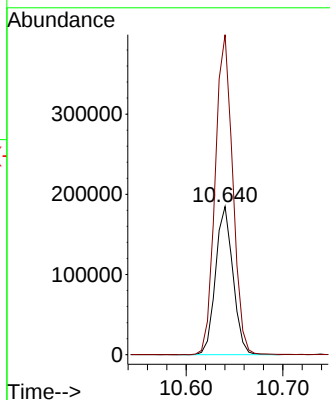
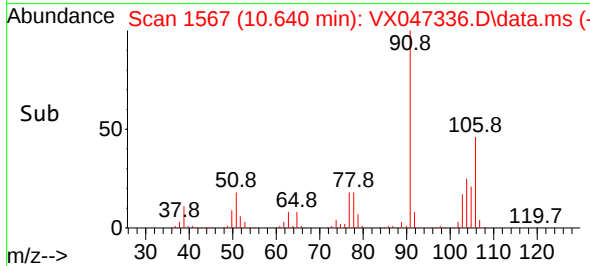
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 230538
Ion Ratio Lower Upper
106 100
91 218.5 110.3 331.0

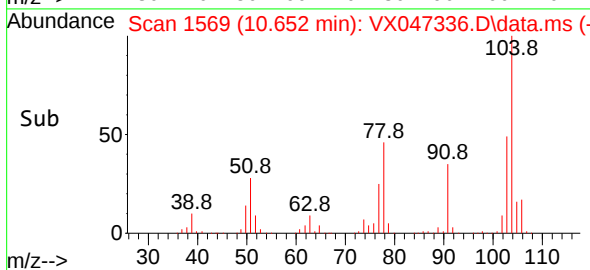
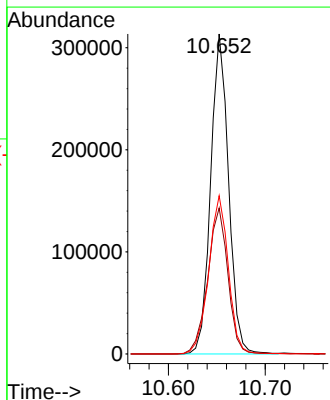
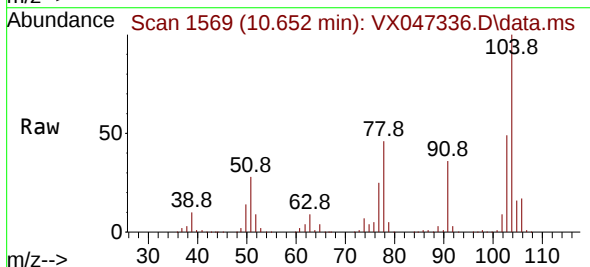
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 49.717 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion:104 Resp: 403534
Ion Ratio Lower Upper
104 100
78 51.5 42.0 63.0
103 54.4 43.8 65.6





#71

Bromoform

Concen: 51.400 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

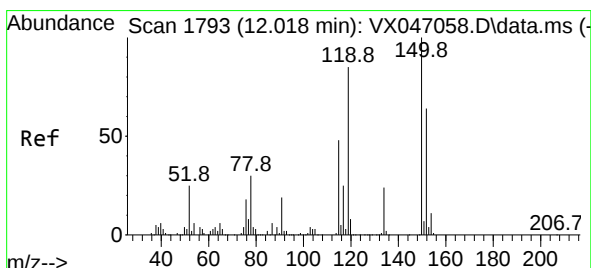
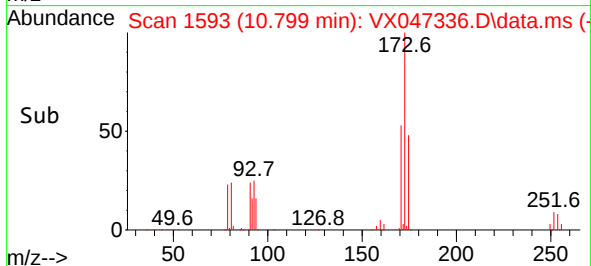
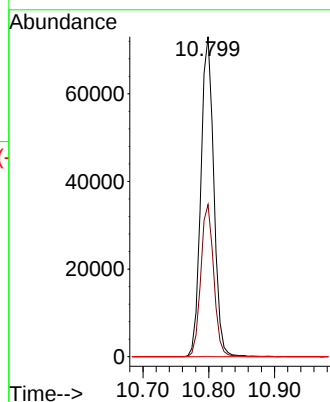
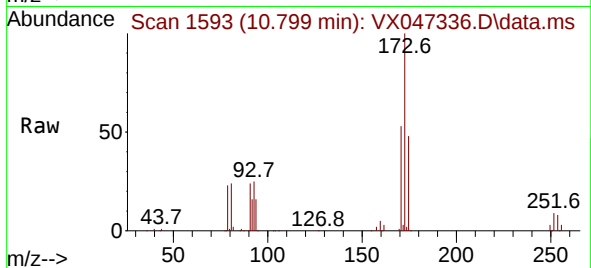
Tgt Ion:173 Resp: 99964
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.2 72.6
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

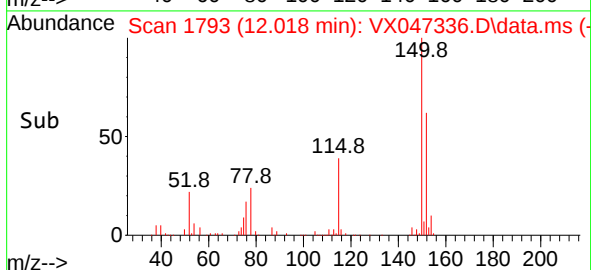
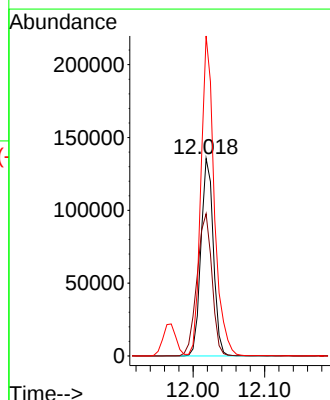
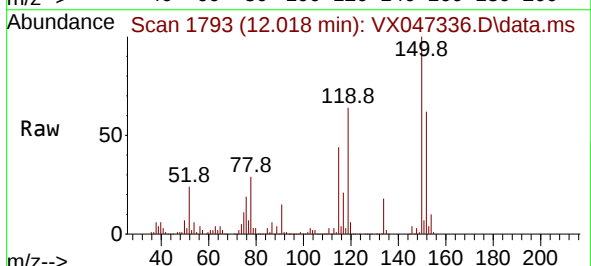
RT: 12.018 min Scan# 1793

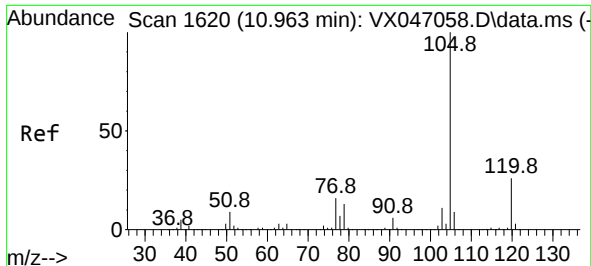
Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

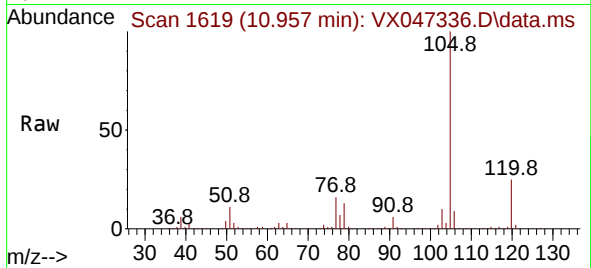
Tgt Ion:152 Resp: 163540
 Ion Ratio Lower Upper
 152 100
 115 86.5 45.6 136.7
 150 173.6 0.0 354.6





#73
Isopropylbenzene
Concen: 47.161 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

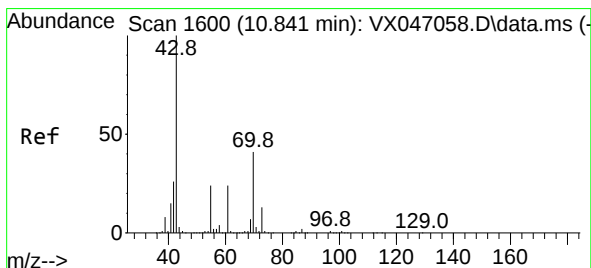
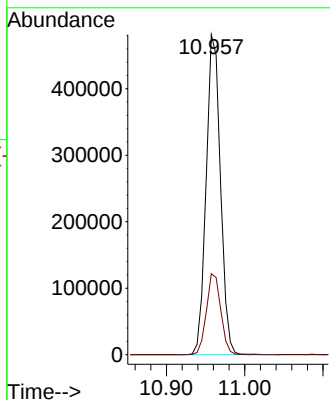
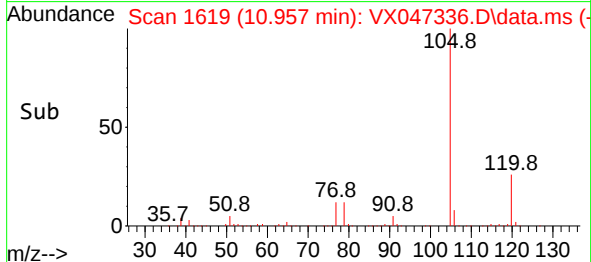
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



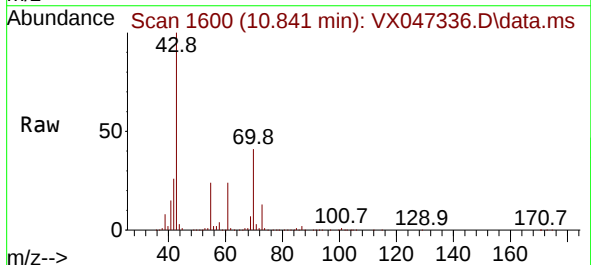
Tgt Ion:105 Resp: 60848
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.7

Manual Integrations
APPROVED

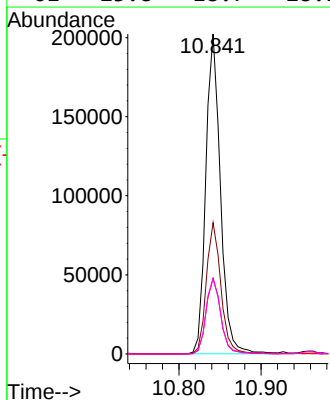
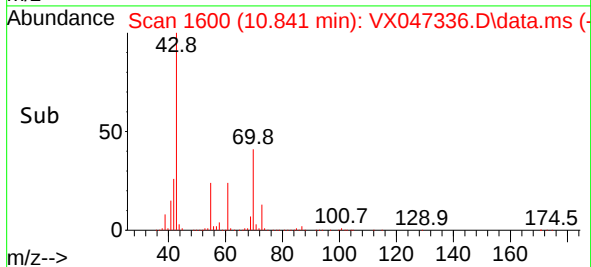
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

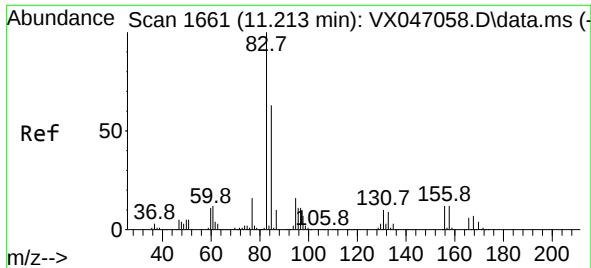


#74
N-ethyl acetate
Concen: 47.961 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



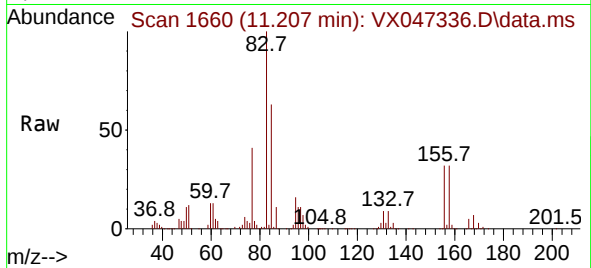
Tgt Ion: 43 Resp: 249680
Ion Ratio Lower Upper
43 100
70 41.3 32.3 48.5
55 24.0 18.9 28.3
61 23.8 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 49.925 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

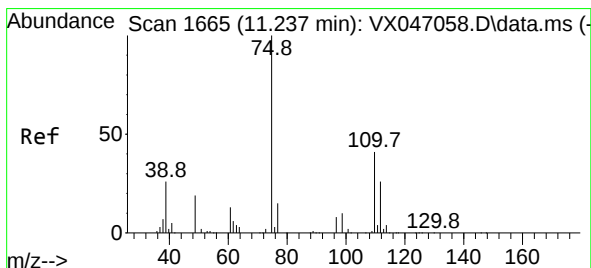
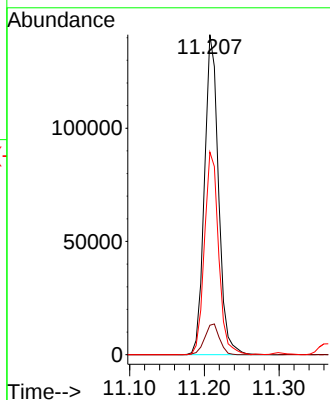
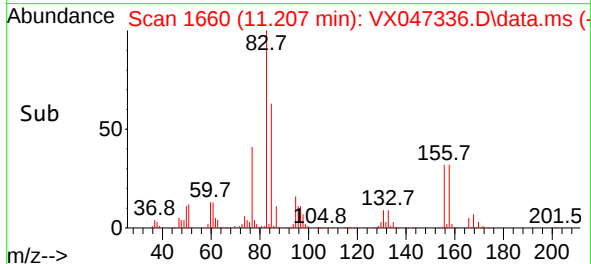
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 184000
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.0 32.0 96.2

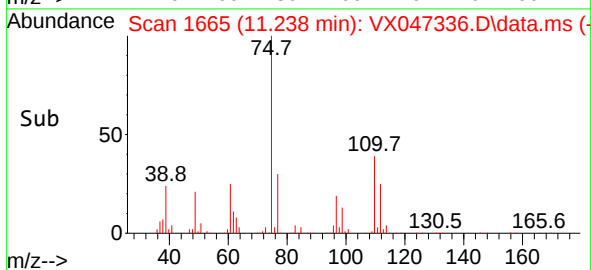
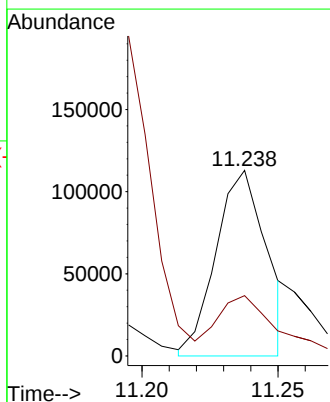
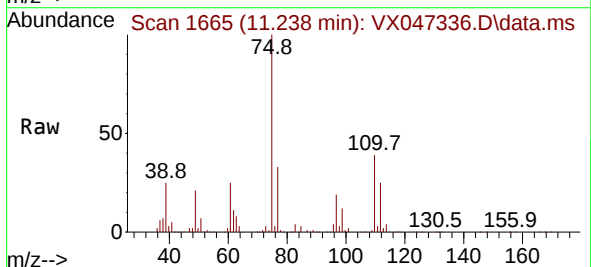
Manual Integrations
APPROVED

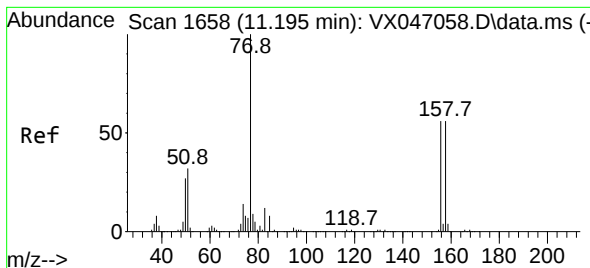
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#76
1,2,3-Trichloropropane
Concen: 48.152 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 75 Resp: 145759
Ion Ratio Lower Upper
75 100
77 39.1 21.6 65.0





#77

Bromobenzene

Concen: 47.908 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

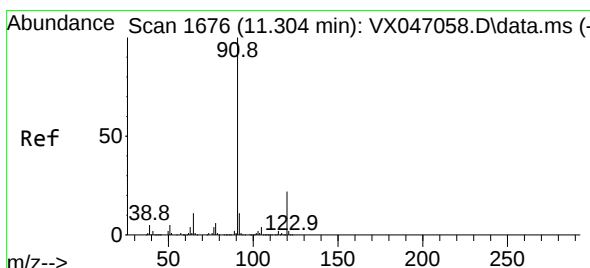
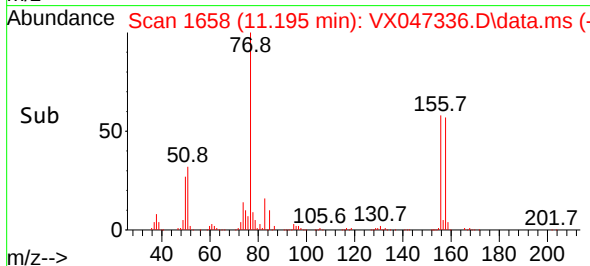
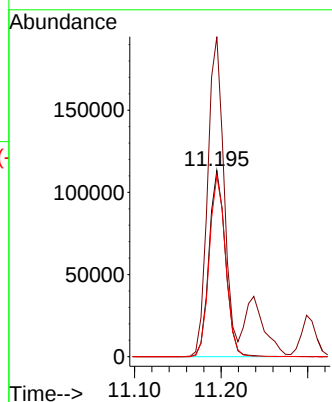
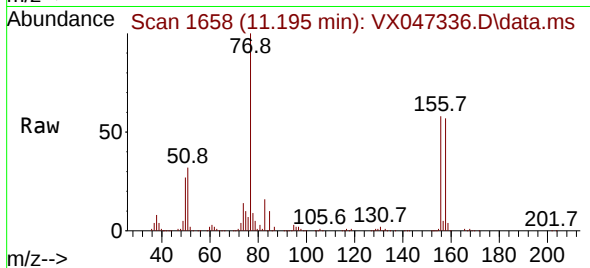
Tgt Ion:	156	Resp:	14825
Ion Ratio	Lower	Upper	
156	100		
77	171.8	87.3	261.9
158	97.5	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#78

n-propylbenzene

Concen: 46.679 ug/l

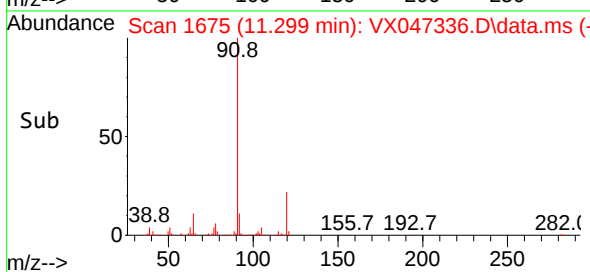
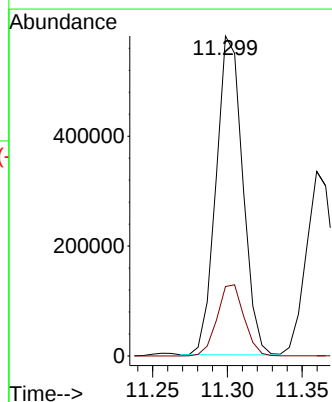
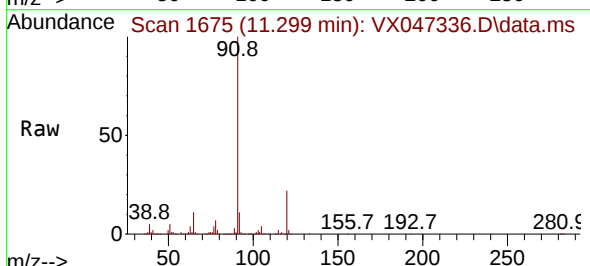
RT: 11.299 min Scan# 1675

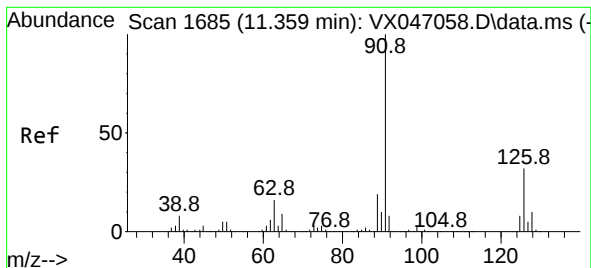
Delta R.T. -0.006 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

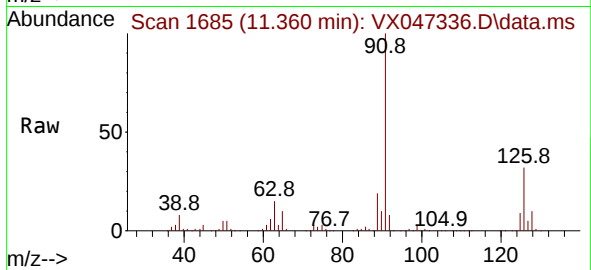
Tgt Ion:	91	Resp:	719706
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.0	33.0





#79
2-Chlorotoluene
Concen: 46.196 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

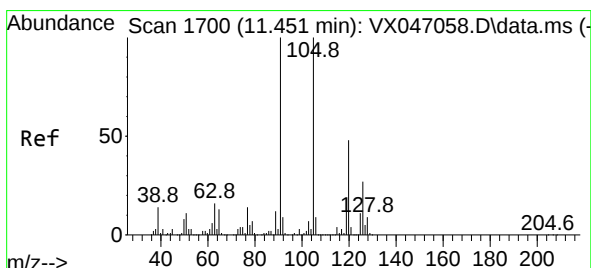
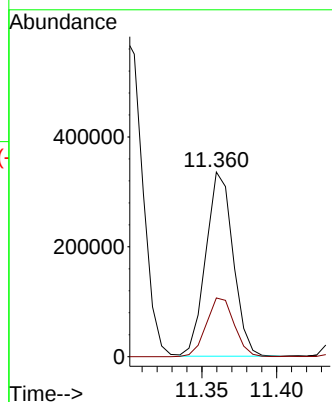
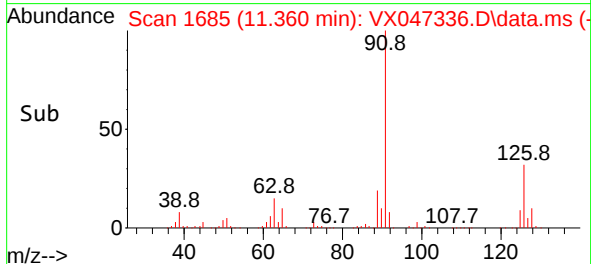
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



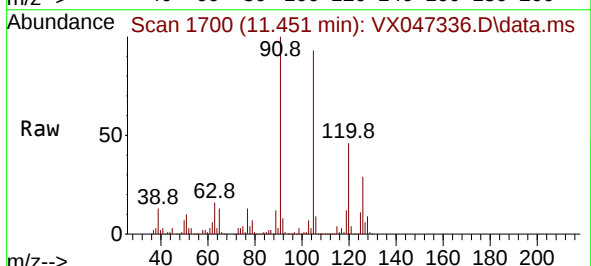
Tgt Ion: 91 Resp: 425760
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

Manual Integrations
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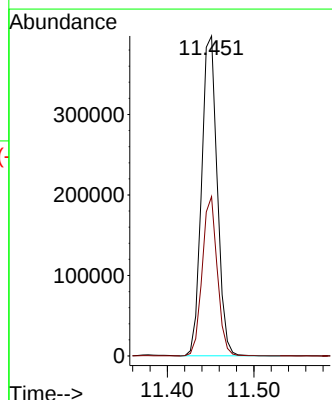
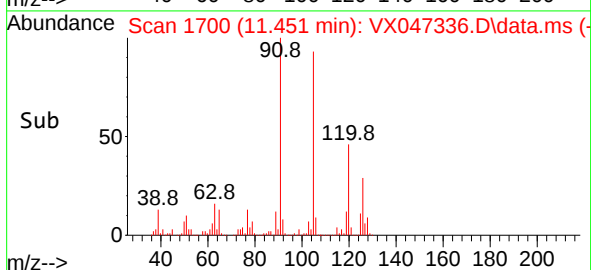
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

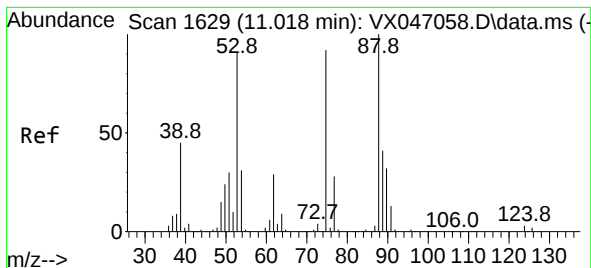


#80
1,3,5-Trimethylbenzene
Concen: 46.752 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



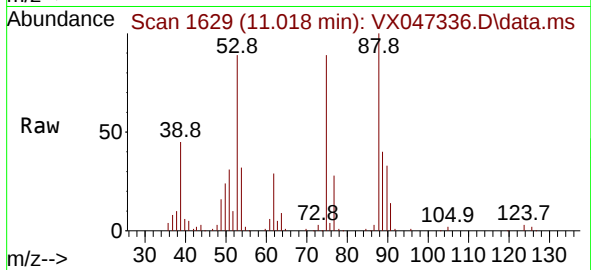
Tgt Ion:105 Resp: 498341
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 23.996 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

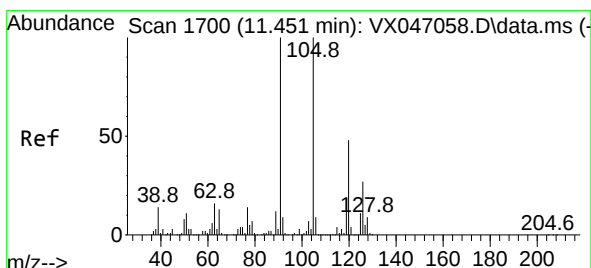
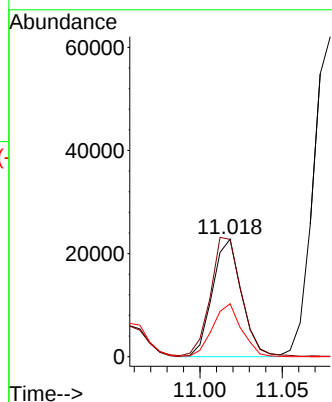
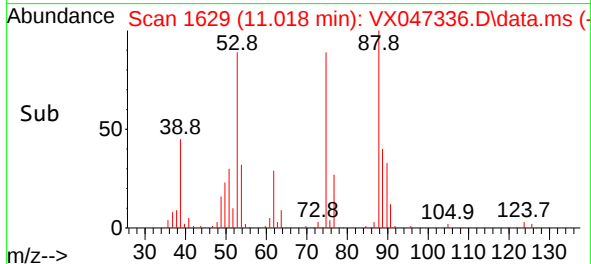
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2819
Ion Ratio Lower Upper
75 100
53 106.3 84.2 126.4
89 44.6 36.0 54.0

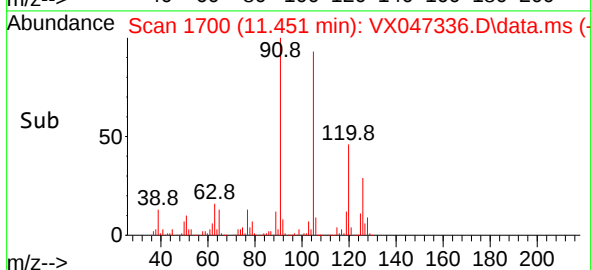
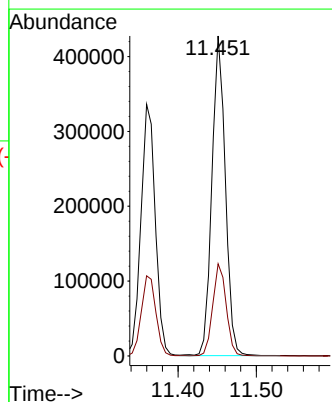
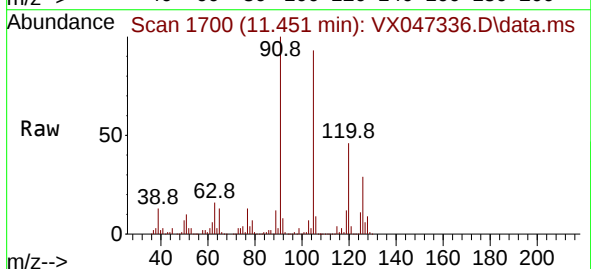
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 47.214 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

Tgt Ion: 91 Resp: 507914
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.3





#83

tert-Butylbenzene

Concen: 46.810 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 500800

Ion Ratio Lower Upper

119 100

91 58.9 29.6 88.8

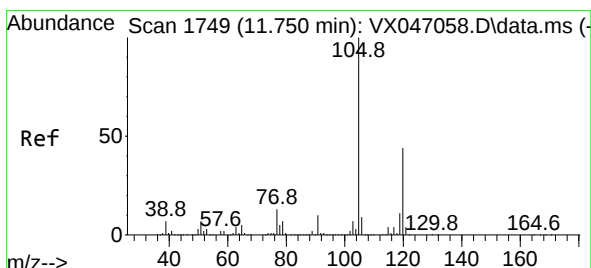
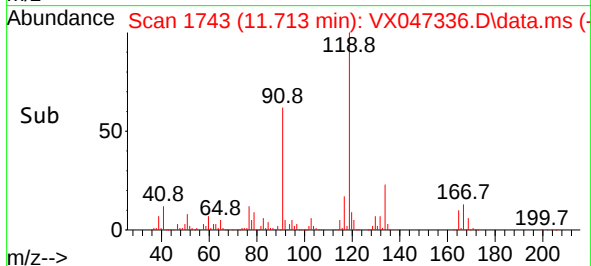
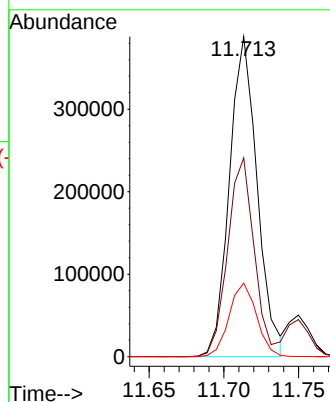
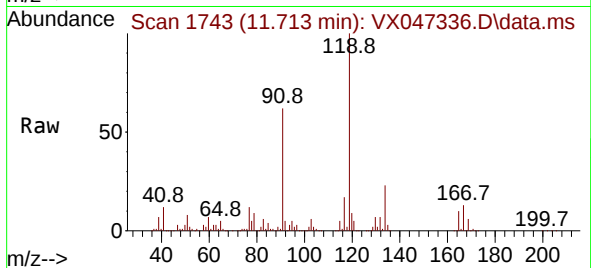
134 22.7 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#84

1,2,4-Trimethylbenzene

Concen: 47.584 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047336.D

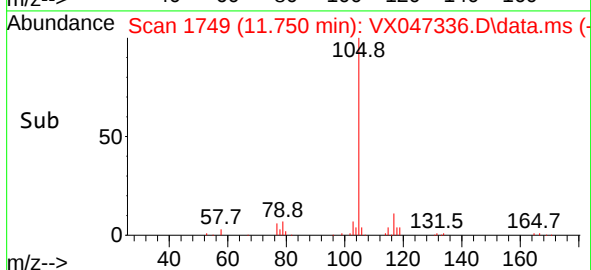
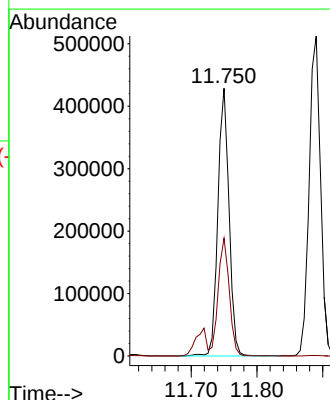
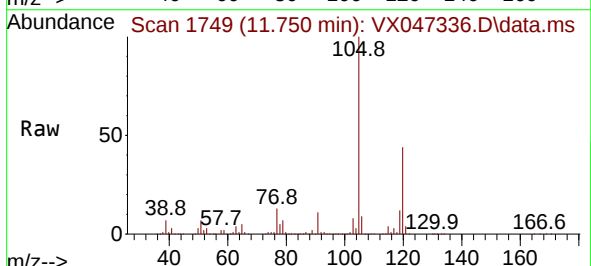
Acq: 14 Aug 2025 10:37

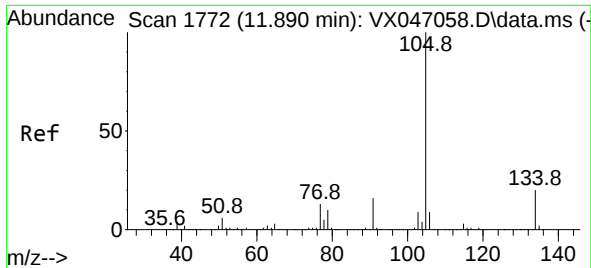
Tgt Ion:105 Resp: 505905

Ion Ratio Lower Upper

105 100

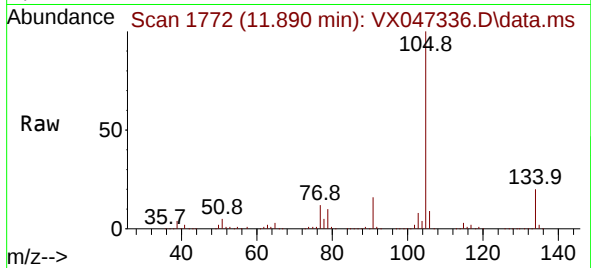
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.111 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047336.D
 Acq: 14 Aug 2025 10:37

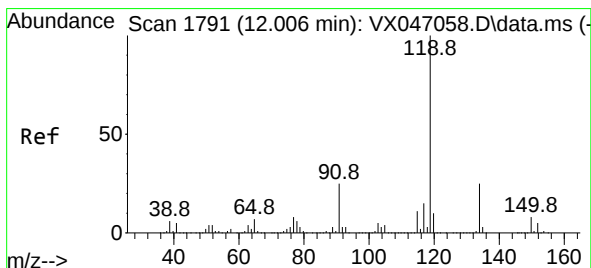
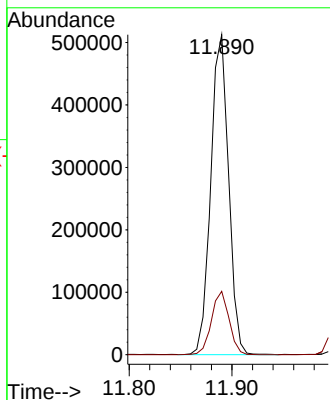
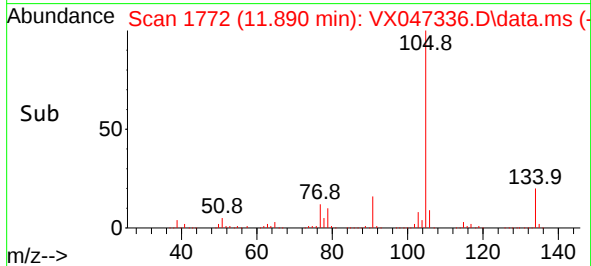
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



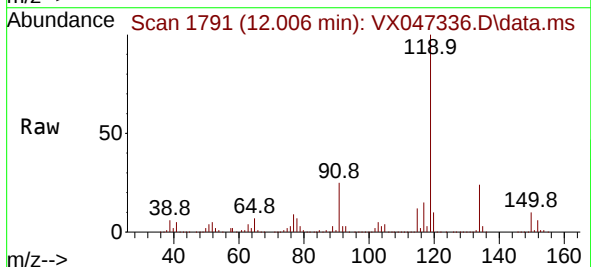
Tgt Ion:105 Resp: 61638
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations
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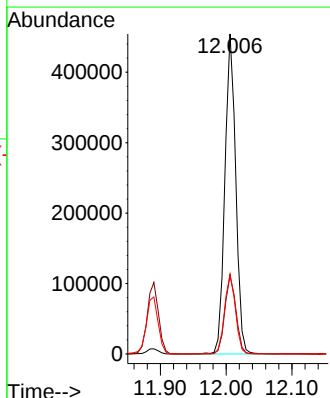
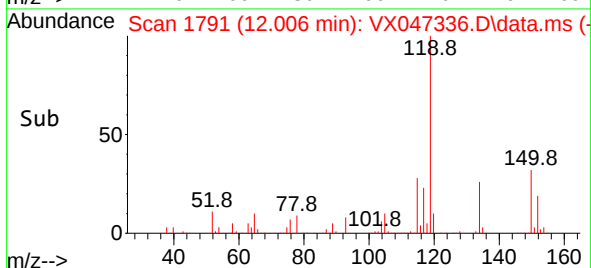
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

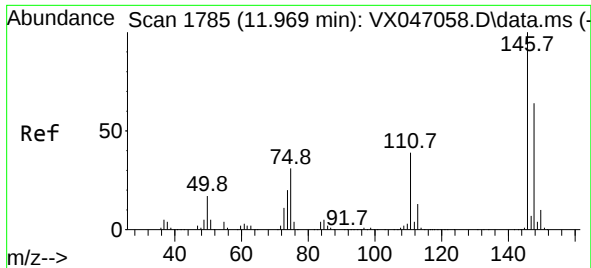


#86
 p-Isopropyltoluene
 Concen: 47.057 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047336.D
 Acq: 14 Aug 2025 10:37



Tgt Ion:119 Resp: 521639
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.918 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 27588

Ion Ratio Lower Upper

146 100

111 42.1 21.0 63.0

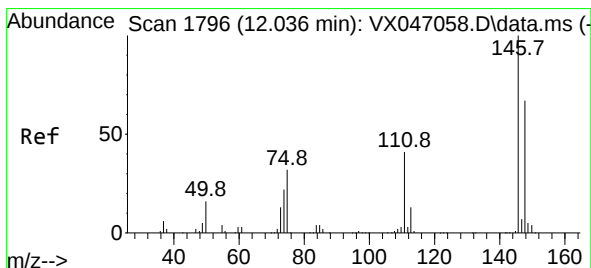
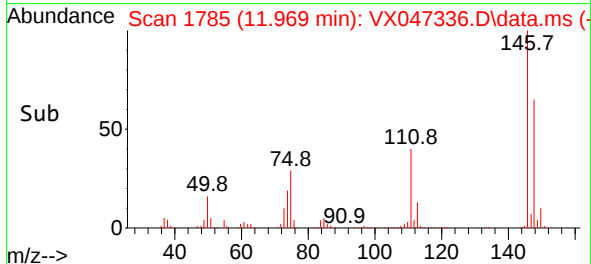
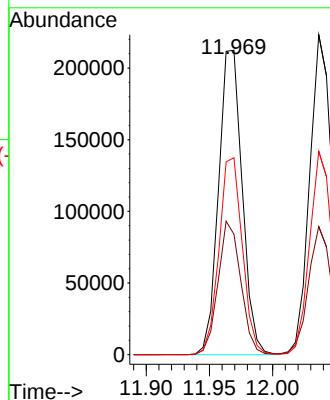
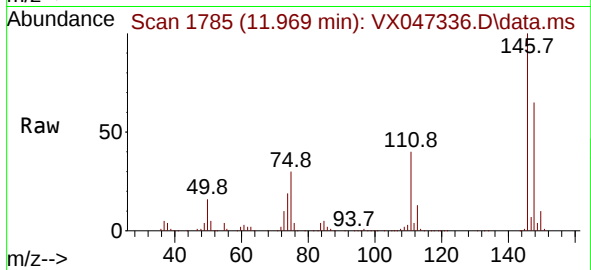
148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 46.772 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047336.D

Acq: 14 Aug 2025 10:37

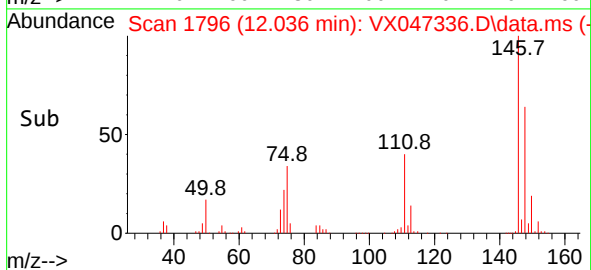
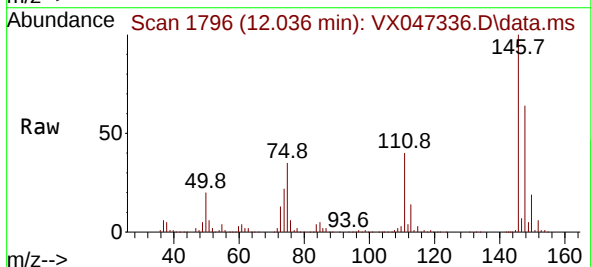
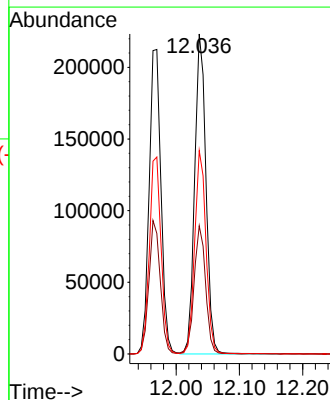
Tgt Ion:146 Resp: 278635

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

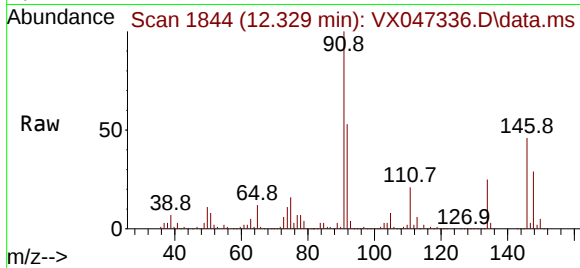
148 63.3 33.0 98.9





#89
n-Butylbenzene
Concen: 46.266 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

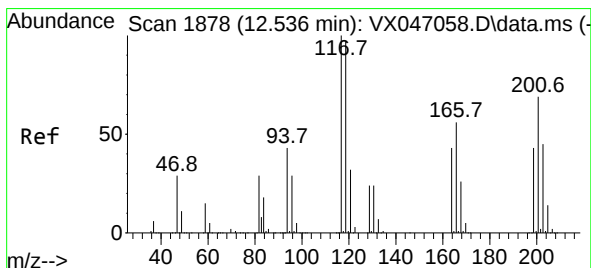
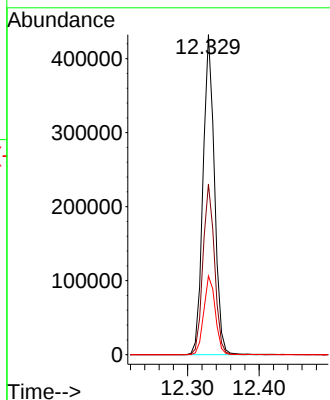
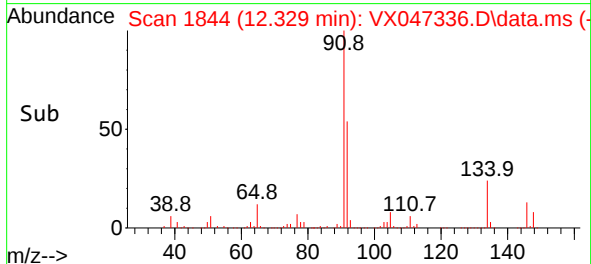
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 480960
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.5
134 24.8 12.8 38.3

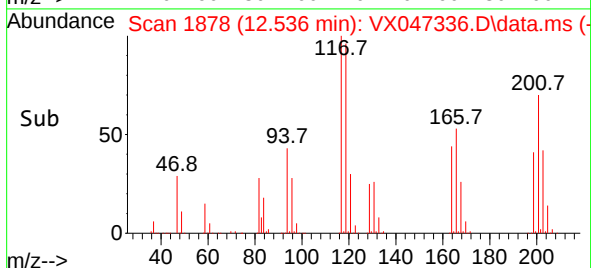
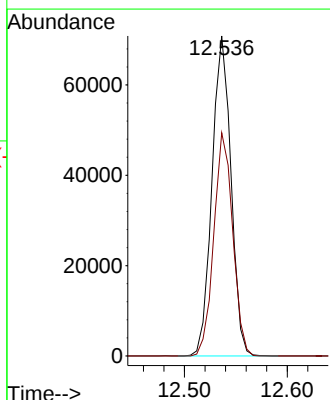
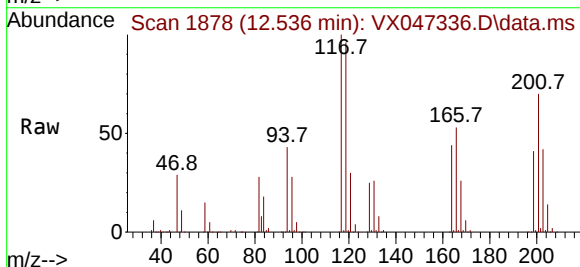
Manual Integrations
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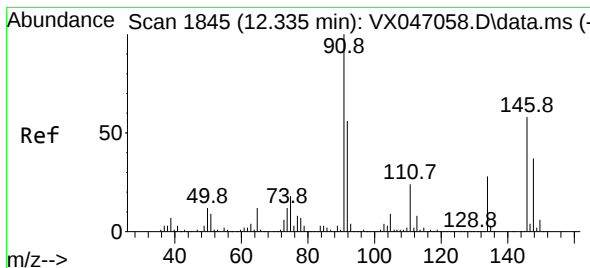
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 45.634 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

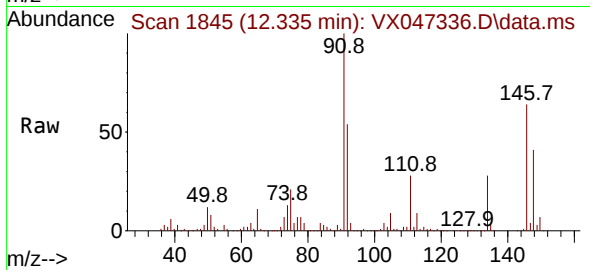
Tgt Ion:117 Resp: 90498
Ion Ratio Lower Upper
117 100
201 69.6 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 47.216 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

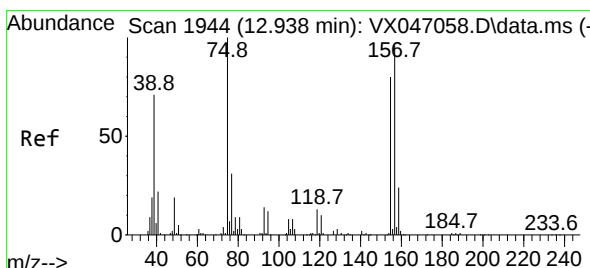
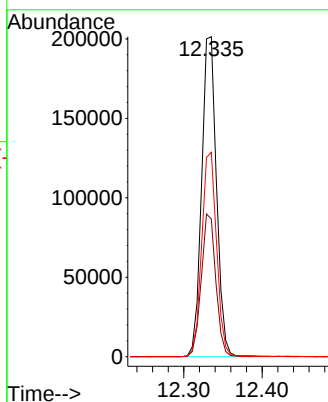
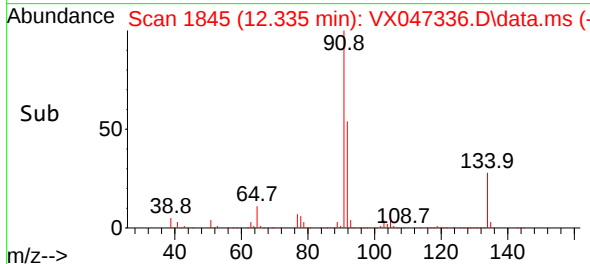
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



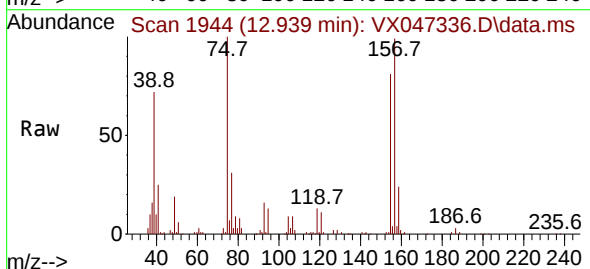
Tgt Ion:146 Resp: 26535
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 63.8 31.9 95.7

Manual Integrations
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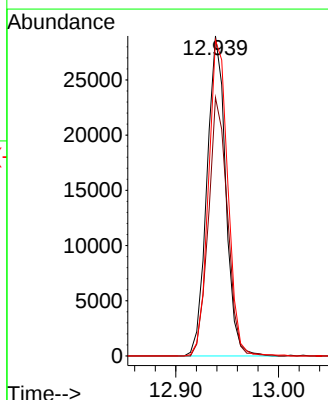
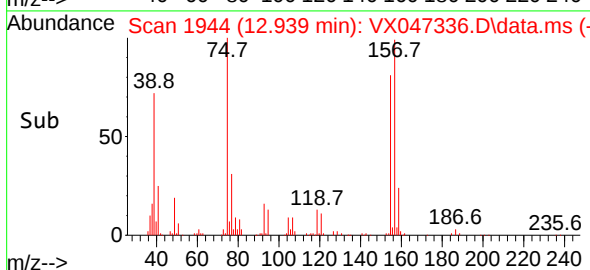
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

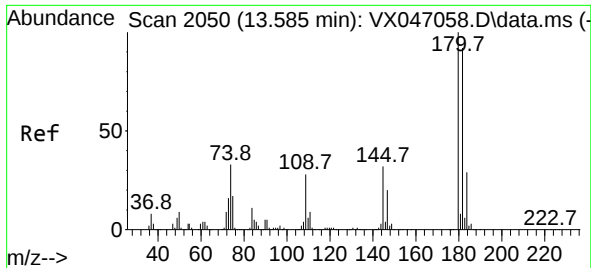


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.147 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



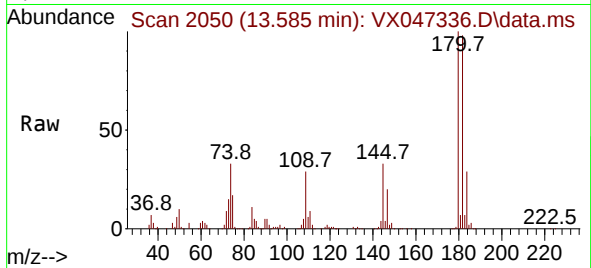
Tgt Ion: 75 Resp: 36891
Ion Ratio Lower Upper
75 100
155 81.3 41.3 124.1
157 101.4 52.8 158.3





#93
1,2,4-Trichlorobenzene
Concen: 47.747 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

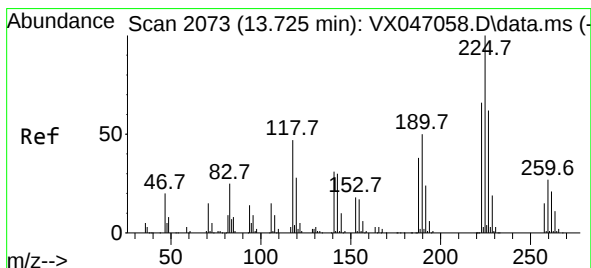
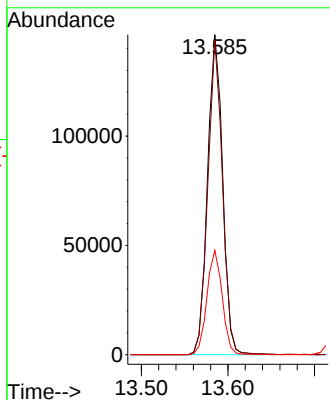
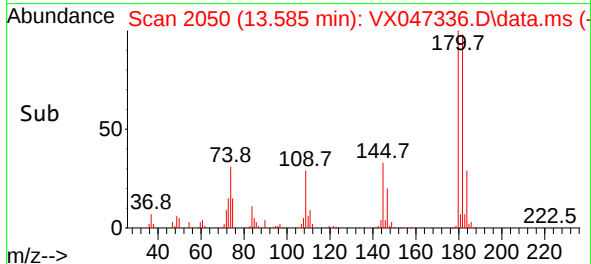
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



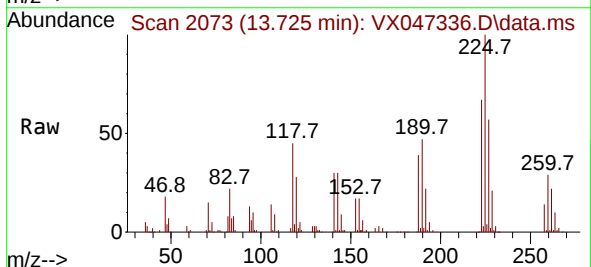
Tgt Ion:180 Resp: 177290
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 33.0 16.4 49.1

Manual Integrations
APPROVED

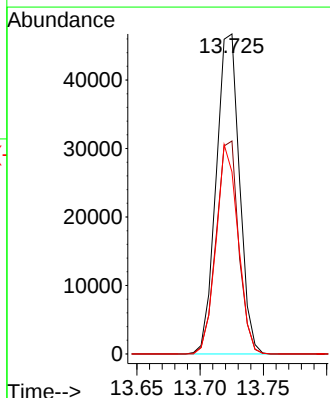
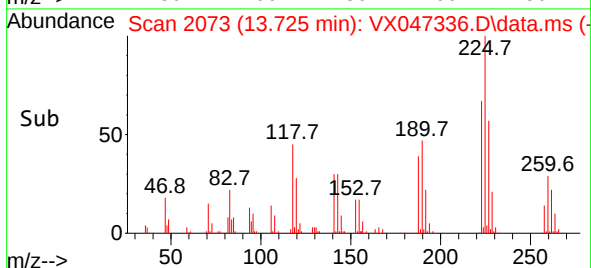
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

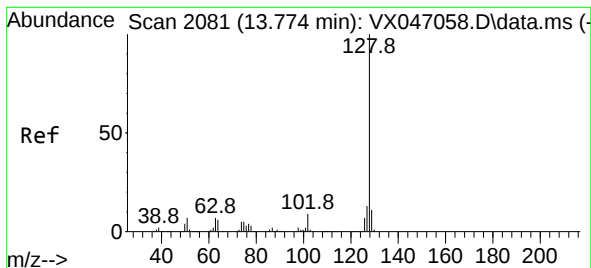


#94
Hexachlorobutadiene
Concen: 47.216 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



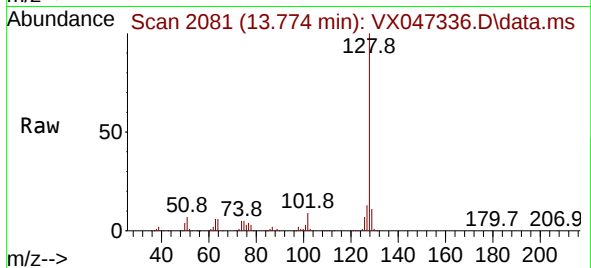
Tgt Ion:225 Resp: 59624
Ion Ratio Lower Upper
225 100
223 64.4 31.6 95.0
227 61.7 32.9 98.6





#95
Naphthalene
Concen: 50.471 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37

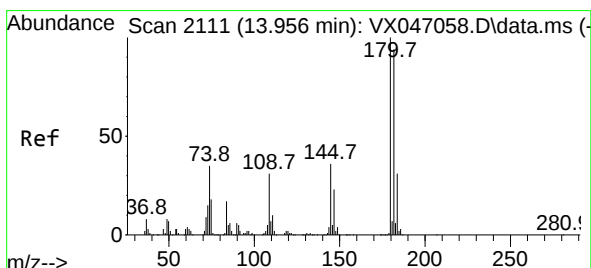
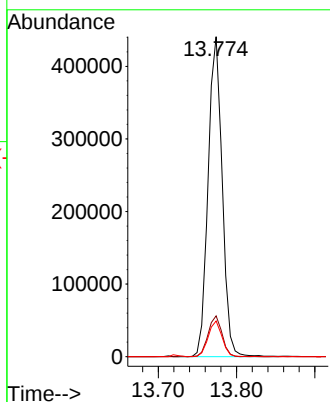
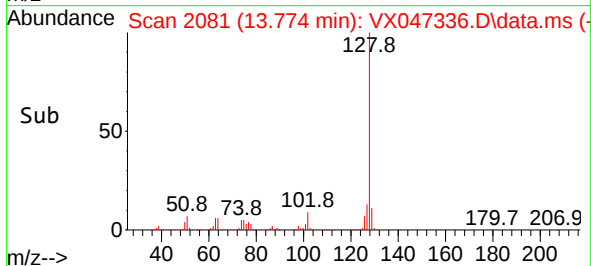
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



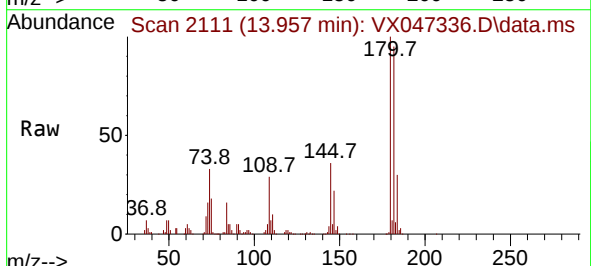
Tgt Ion:128 Resp: 54938
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.558 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047336.D
Acq: 14 Aug 2025 10:37



Tgt Ion:180 Resp: 170122
Ion Ratio Lower Upper
180 100
182 96.3 46.9 140.6
145 35.4 17.3 52.0

