

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046282.D
 Acq On : 19 May 2025 20:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 19 23:19:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80168	49.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.500%		
35) Dibromofluoromethane	5.379	113	56025	49.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	8.647	98	188018	48.096	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.079	95	73538	49.041	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68499	51.259	ug/l	97
3) Chloromethane	1.307	50	67190	51.848	ug/l	98
4) Vinyl Chloride	1.374	62	60470	50.137	ug/l	97
5) Bromomethane	1.593	94	25909	46.315	ug/l	93
6) Chloroethane	1.666	64	33879	52.618	ug/l	99
7) Trichlorofluoromethane	1.874	101	91175	51.150	ug/l	100
8) Diethyl Ether	2.130	74	30023	49.478	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	55710	50.503	ug/l	99
10) Methyl Iodide	2.441	142	67606	51.795	ug/l	100
11) Tert butyl alcohol	2.983	59	71881	314.598	ug/l	99
12) 1,1-Dichloroethene	2.307	96	52181	50.403	ug/l	99
13) Acrolein	2.239	56	86884	333.901	ug/l	98
14) Allyl chloride	2.654	41	105407	53.273	ug/l	96
15) Acrylonitrile	3.062	53	182699	279.639	ug/l	98
16) Acetone	2.386	43	182015	278.887	ug/l	100
17) Carbon Disulfide	2.502	76	115046	46.873	ug/l	99
18) Methyl Acetate	2.703	43	95138	62.819	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	200288	55.181	ug/l	98
20) Methylene Chloride	2.782	84	60370	48.270	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	53235	51.132	ug/l	98
22) Diisopropyl ether	3.764	45	208647	54.591	ug/l	92
23) Vinyl Acetate	3.721	43	923809	274.817	ug/l	100
24) 1,1-Dichloroethane	3.605	63	113221	53.187	ug/l	99
25) 2-Butanone	4.556	43	273016	288.143	ug/l	99
26) 2,2-Dichloropropane	4.465	77	70409	42.257	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	64723	51.640	ug/l	99
28) Bromochloromethane	4.898	49	49760	48.562	ug/l	99
29) Tetrahydrofuran	5.001	42	169927	286.203	ug/l	99
30) Chloroform	5.086	83	118688	53.492	ug/l	97
31) Cyclohexane	5.464	56	97778	50.405	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	102478	53.280	ug/l	99
36) 1,1-Dichloropropene	5.684	75	74735	49.247	ug/l	99
37) Ethyl Acetate	4.715	43	99356	52.992	ug/l	100
38) Carbon Tetrachloride	5.672	117	86493	50.726	ug/l	98
39) Methylcyclohexane	7.379	83	95293	48.775	ug/l	98
40) Benzene	6.031	78	226592	50.976	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56125	57.224	ug/l	99
42) 1,2-Dichloroethane	6.080	62	97929	51.046	ug/l	99
43) Isopropyl Acetate	6.336	43	158100	55.274	ug/l	100
44) Trichloroethene	7.123	130	53050	49.587	ug/l	99
45) 1,2-Dichloropropane	7.428	63	58682	53.092	ug/l	100
46) Dibromomethane	7.574	93	44525	51.075	ug/l	99
47) Bromodichloromethane	7.818	83	90047	52.445	ug/l	98
48) Methyl methacrylate	7.690	41	83517	57.173	ug/l	98
49) 1,4-Dioxane	7.659	88	33931	1223.338	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	533042	280.749	ug/l	100
52) Toluene	8.714	92	137981	50.624	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78935	51.722	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	87559	51.910	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	56340	52.423	ug/l	97
56) Ethyl methacrylate	9.116	69	97236	56.768	ug/l	98
57) 1,3-Dichloropropane	9.305	76	97811	50.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	229533	262.849	ug/l	100
59) 2-Hexanone	9.427	43	407766	290.291	ug/l	99
60) Dibromochloromethane	9.519	129	61989	52.520	ug/l	100
61) 1,2-Dibromoethane	9.604	107	58427	52.306	ug/l	98
64) Tetrachloroethene	9.269	164	46532	47.987	ug/l	97
65) Chlorobenzene	10.073	112	150664	50.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52583	51.336	ug/l	99
67) Ethyl Benzene	10.189	91	273537	51.731	ug/l	100
68) m/p-Xylenes	10.299	106	198821	102.807	ug/l	98
69) o-Xylene	10.640	106	97409	51.665	ug/l	97
70) Styrene	10.653	104	165482	53.580	ug/l	99
71) Bromoform	10.799	173	40553	52.733	ug/l #	98
73) Isopropylbenzene	10.957	105	263245	51.215	ug/l	100
74) N-amyl acetate	10.842	43	141538	55.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91894	51.017	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79650m	50.120	ug/l	
77) Bromobenzene	11.195	156	59660	49.995	ug/l	100
78) n-propylbenzene	11.299	91	303414	50.768	ug/l	100
79) 2-Chlorotoluene	11.360	91	189619	49.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221841	51.662	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24726	50.655	ug/l	99
82) 4-Chlorotoluene	11.451	91	219772	51.410	ug/l	99
83) tert-Butylbenzene	11.713	119	220434	50.963	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	226128	52.001	ug/l	100
85) sec-Butylbenzene	11.890	105	273998	51.592	ug/l	100
86) p-Isopropyltoluene	12.006	119	225516	51.444	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109281	50.178	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	109771	49.354	ug/l	99
89) n-Butylbenzene	12.329	91	199995	52.011	ug/l	100
90) Hexachloroethane	12.536	117	39515	51.165	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	111522	51.029	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22228	55.705	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64153	51.108	ug/l	99
94) Hexachlorobutadiene	13.725	225	27297	49.793	ug/l	99
95) Naphthalene	13.774	128	244370	53.080	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65754	50.768	ug/l	100

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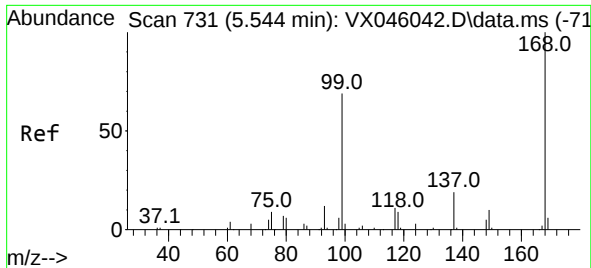
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

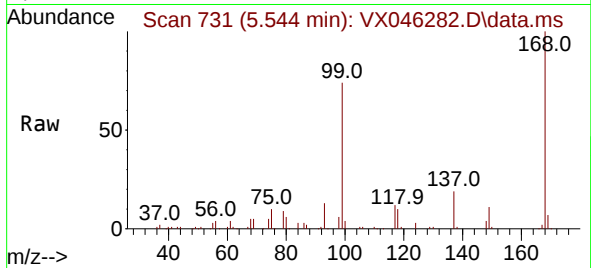
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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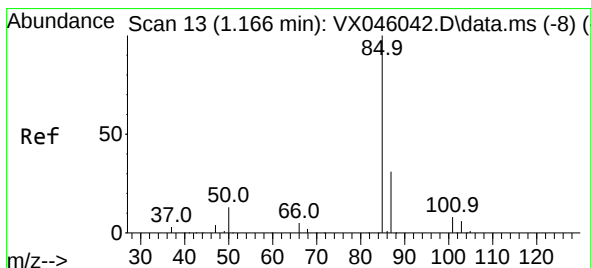
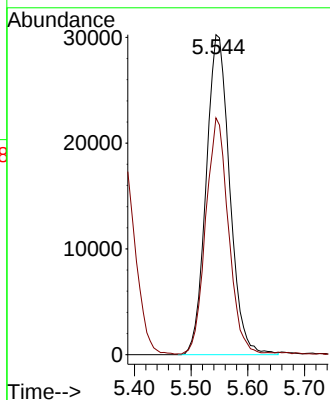
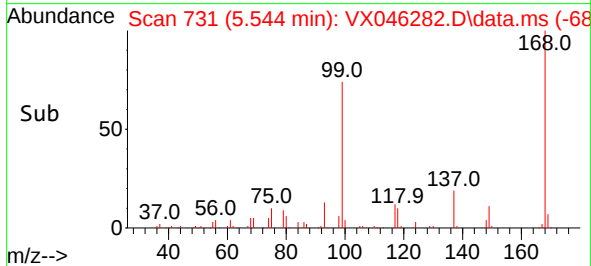
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 87310
Ion Ratio Lower Upper
168 100
99 73.8 54.9 82.3

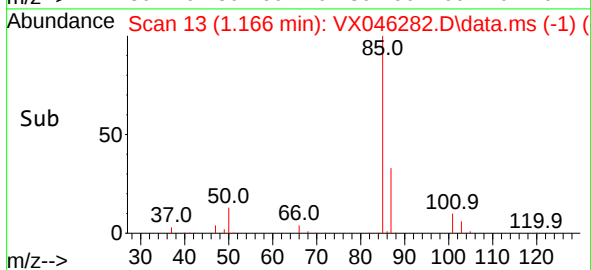
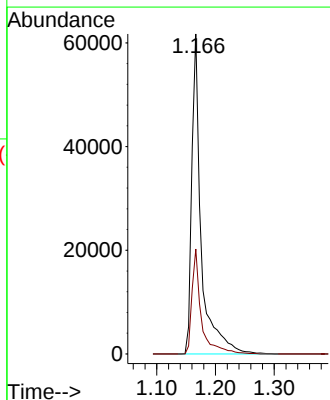
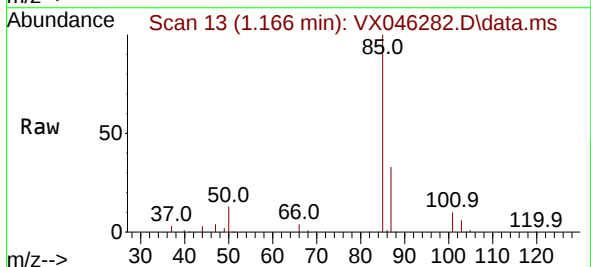
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#2
Dichlorodifluoromethane
Concen: 51.259 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion: 85 Resp: 68499
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





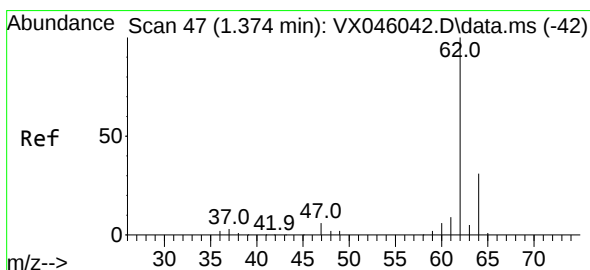
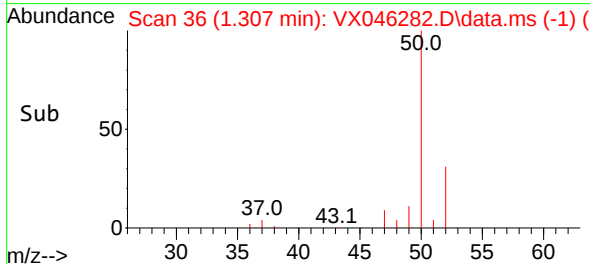
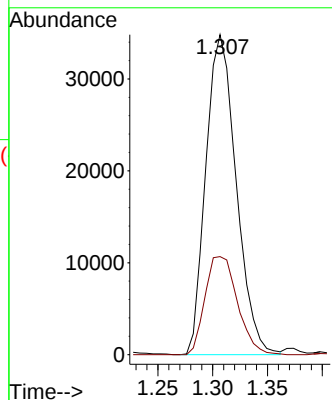
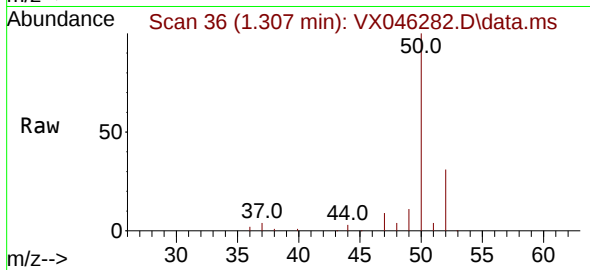
#3
Chloromethane
Concen: 51.848 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
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Tgt Ion: 50 Resp: 67190
Ion Ratio Lower Upper
50 100
52 30.7 25.4 38.2

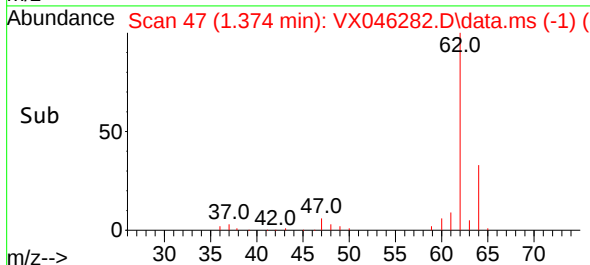
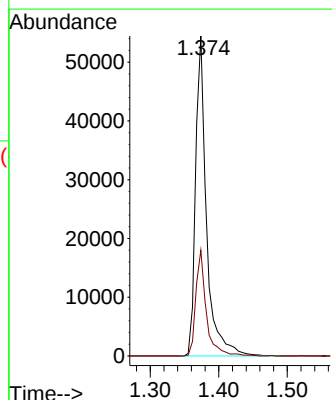
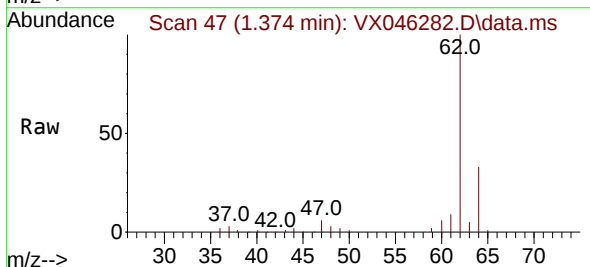
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#4
Vinyl Chloride
Concen: 50.137 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

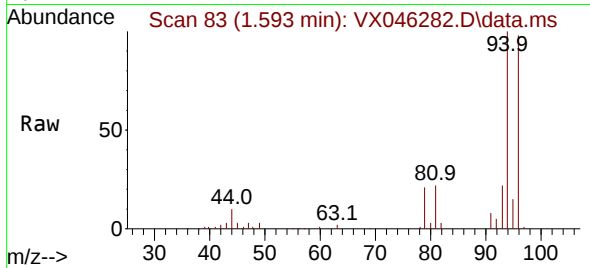
Tgt Ion: 62 Resp: 60470
Ion Ratio Lower Upper
62 100
64 33.1 25.2 37.8





#5
Bromomethane
Concen: 46.315 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

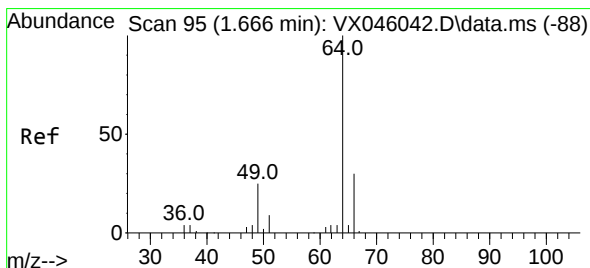
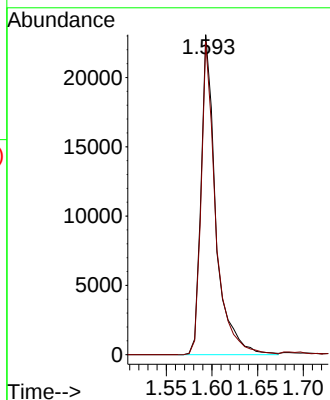
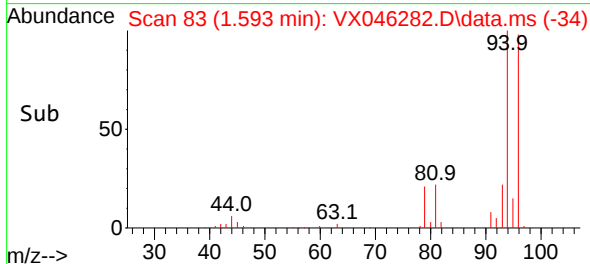
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 25909
Ion Ratio Lower Upper
94 100
96 97.8 72.8 109.2

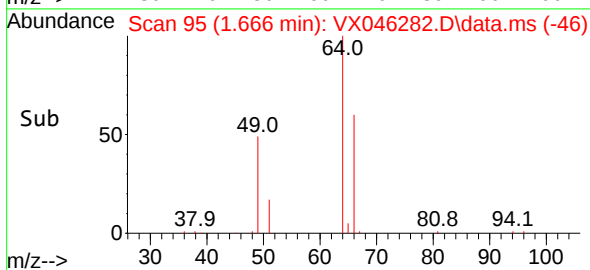
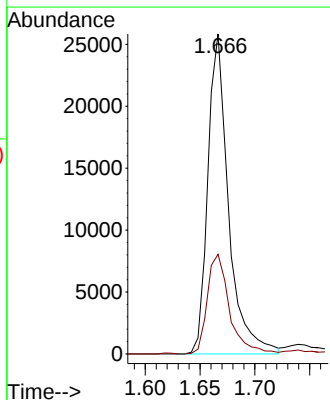
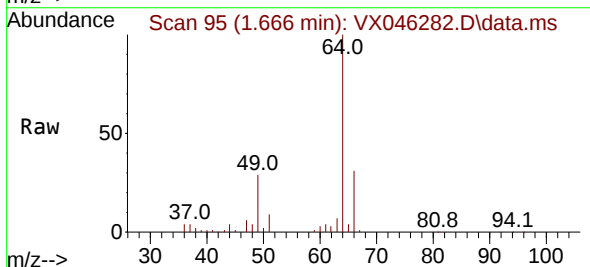
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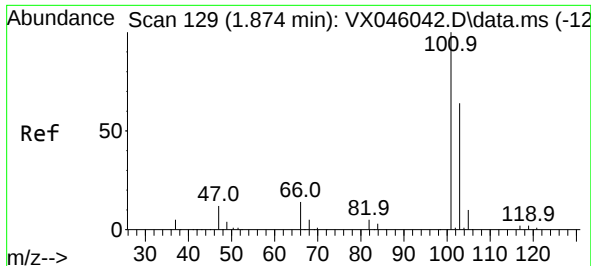
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#6
Chloroethane
Concen: 52.618 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

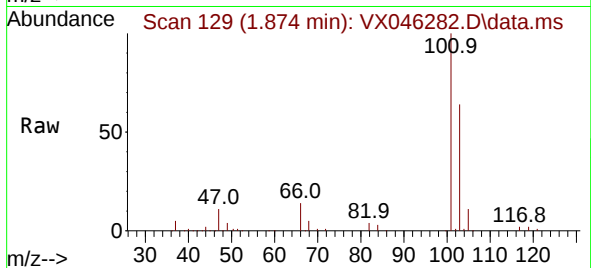
Tgt Ion: 64 Resp: 33879
Ion Ratio Lower Upper
64 100
66 31.1 24.3 36.5





#7
Trichlorofluoromethane
Concen: 51.150 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046282.D
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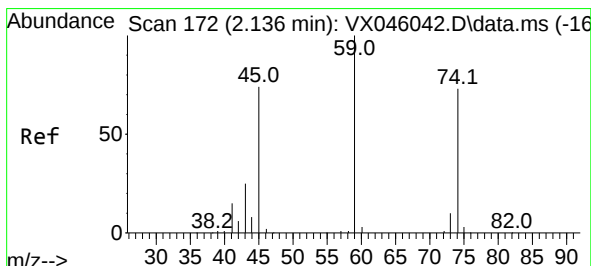
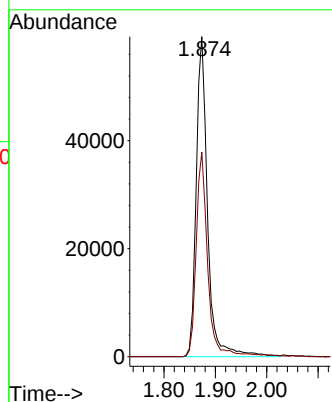
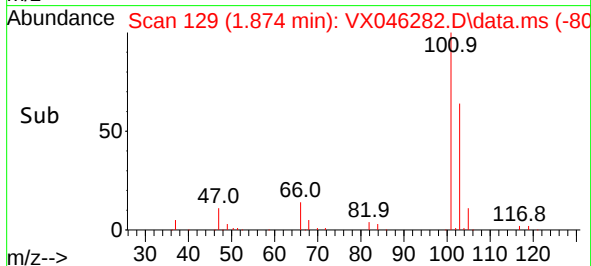
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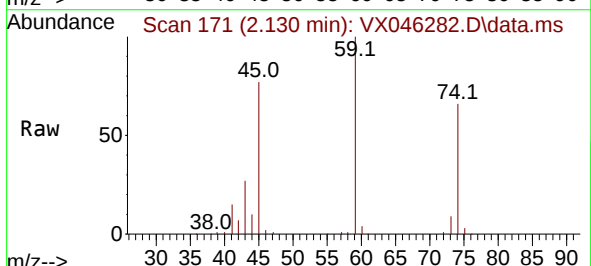
Tgt Ion:101 Resp: 9117
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

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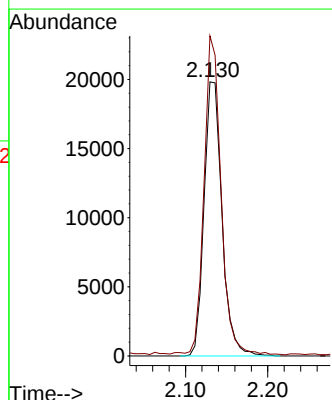
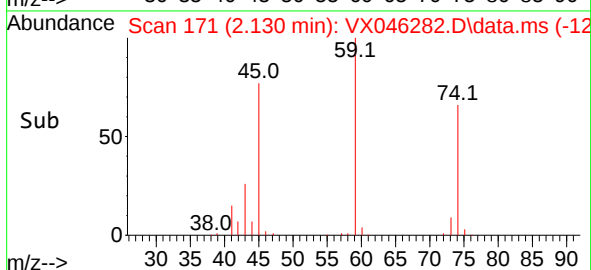
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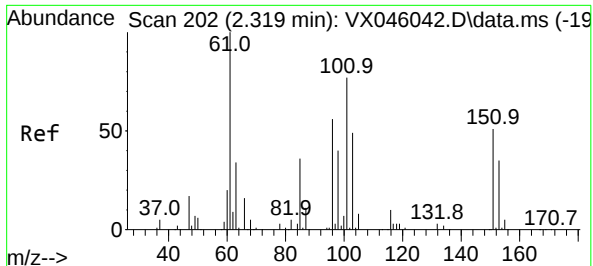


#8
Diethyl Ether
Concen: 49.478 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



Tgt Ion: 74 Resp: 30023
Ion Ratio Lower Upper
74 100
45 110.7 54.9 164.8





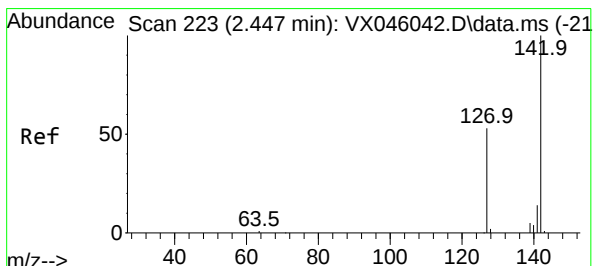
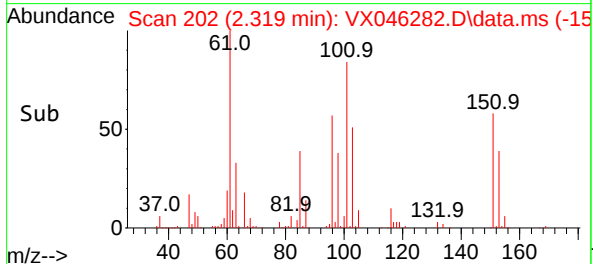
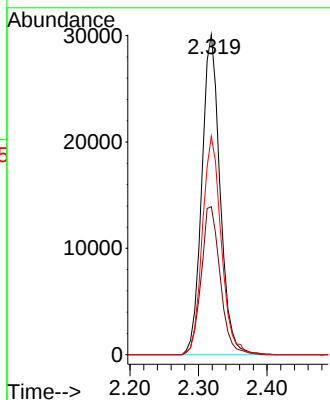
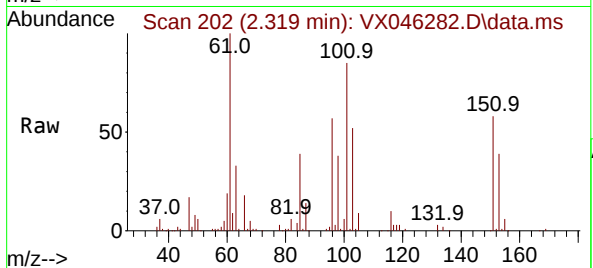
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.503 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046282.D
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Tgt Ion:101 Resp: 55710
Ion Ratio Lower Upper
101 100
85 48.2 38.6 58.0
151 70.6 55.2 82.8

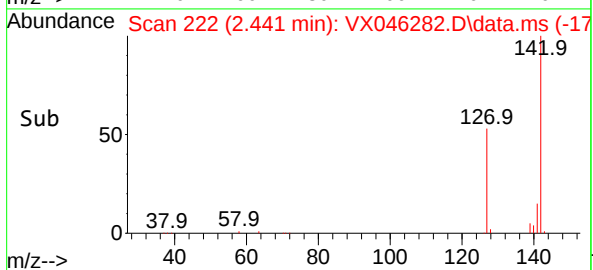
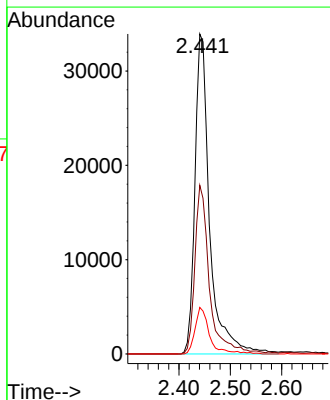
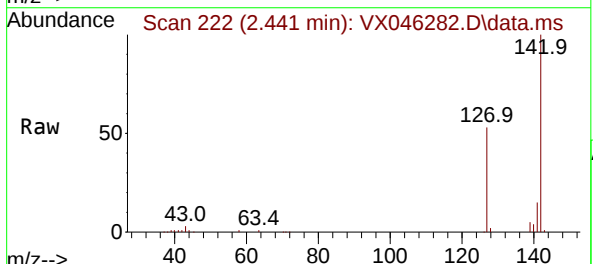
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#10
Methyl Iodide
Concen: 51.795 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

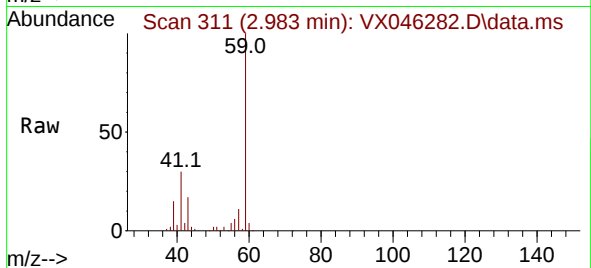
Tgt Ion:142 Resp: 67606
Ion Ratio Lower Upper
142 100
127 52.1 41.7 62.5
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 314.598 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

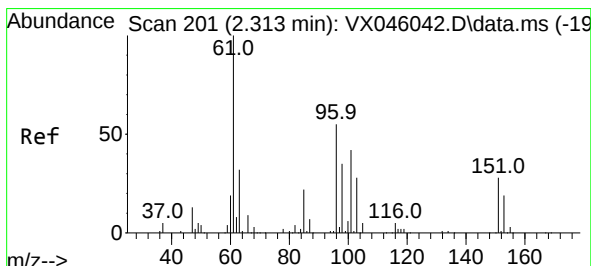
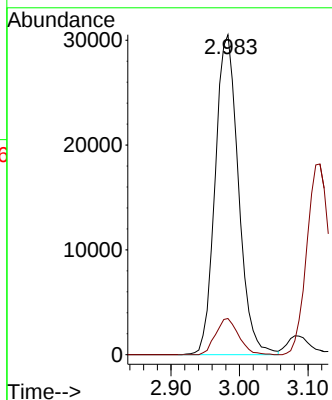
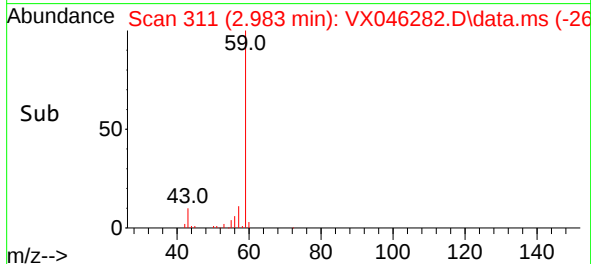
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



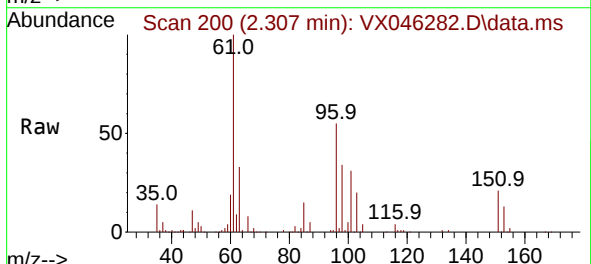
Tgt Ion: 59 Resp: 7188
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

Manual Integrations
APPROVED

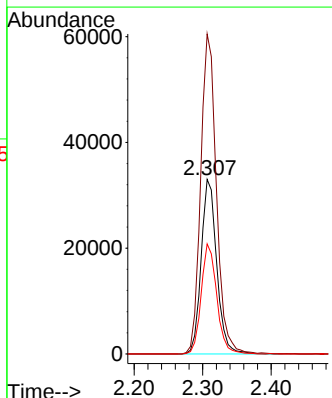
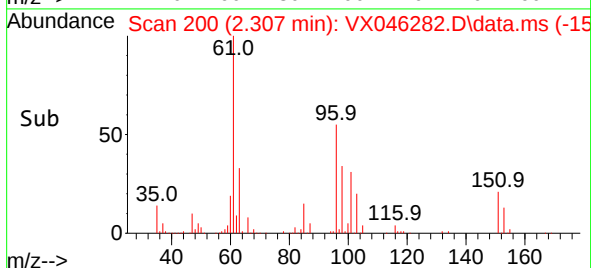
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

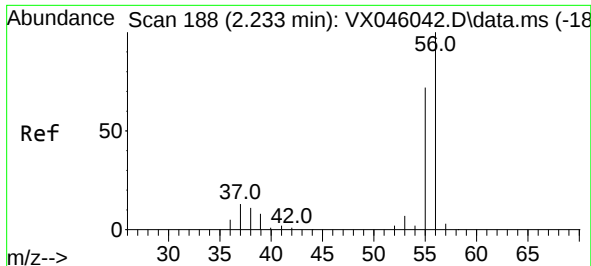


#12
1,1-Dichloroethene
Concen: 50.403 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



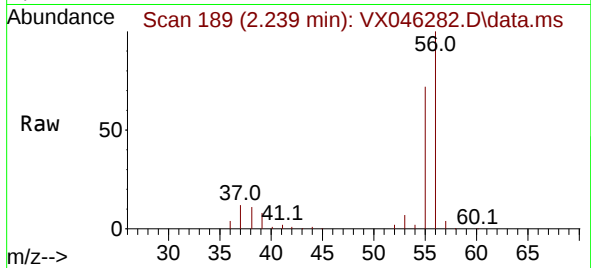
Tgt Ion: 96 Resp: 52181
Ion Ratio Lower Upper
96 100
61 183.3 146.2 219.2
98 63.1 51.0 76.6





#13
Acrolein
Concen: 333.901 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

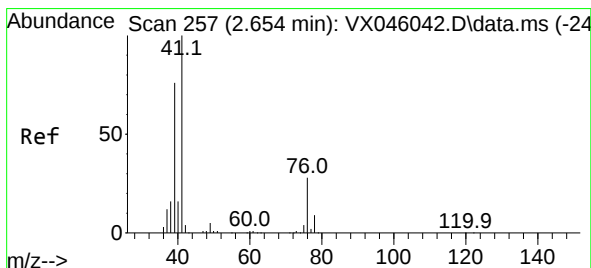
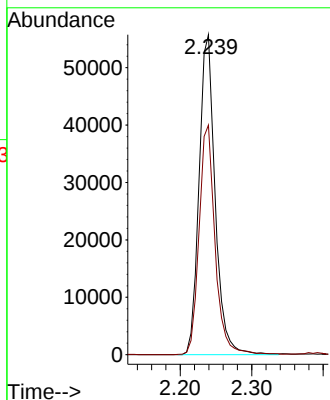
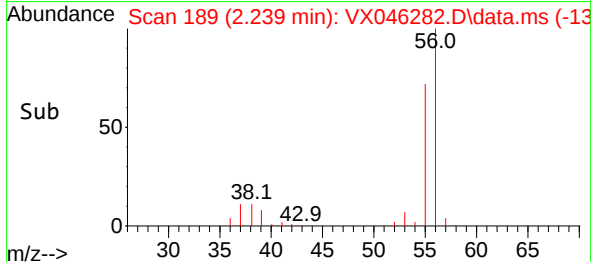
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 86884
Ion Ratio Lower Upper
56 100
55 71.8 56.2 84.4

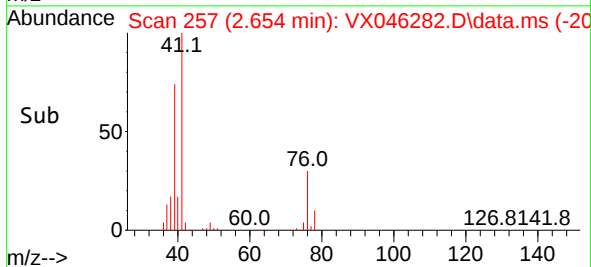
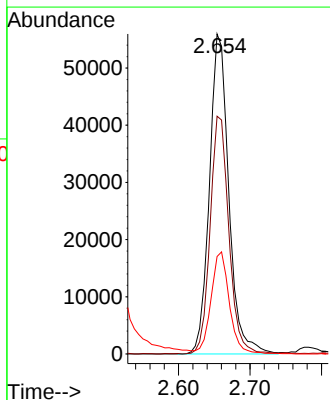
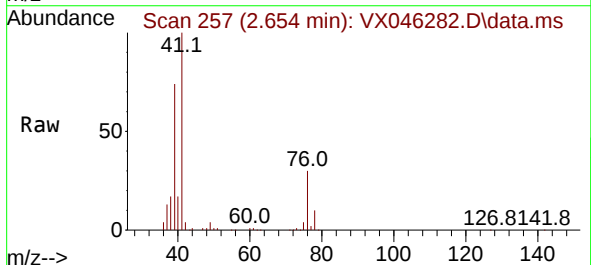
Manual Integrations
APPROVED

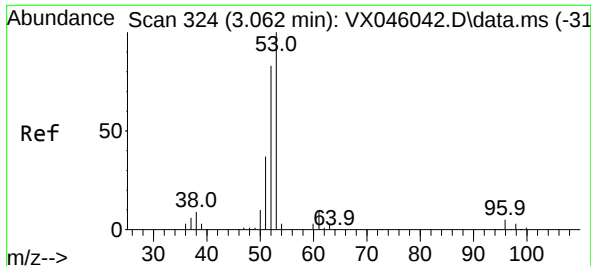
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#14
Allyl chloride
Concen: 53.273 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

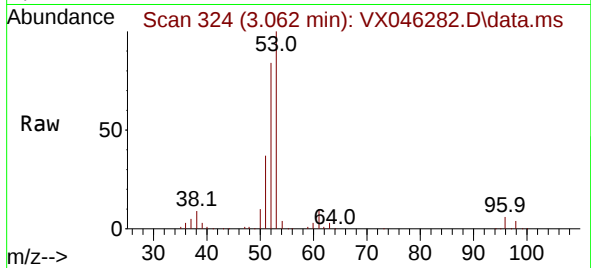
Tgt Ion: 41 Resp: 105407
Ion Ratio Lower Upper
41 100
39 71.8 60.6 90.8
76 30.4 24.9 37.3





#15
Acrylonitrile
Concen: 279.639 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

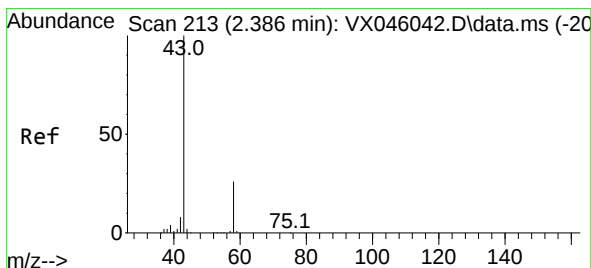
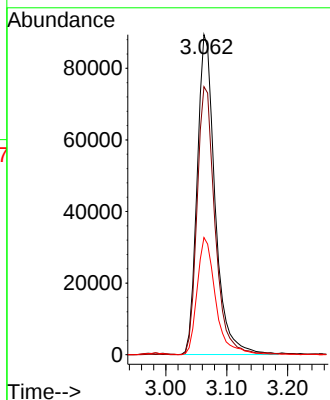
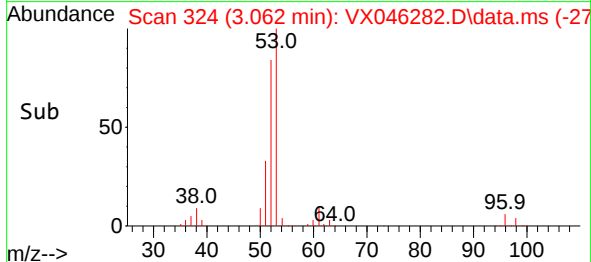
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 182699
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 38.1 29.8 44.8

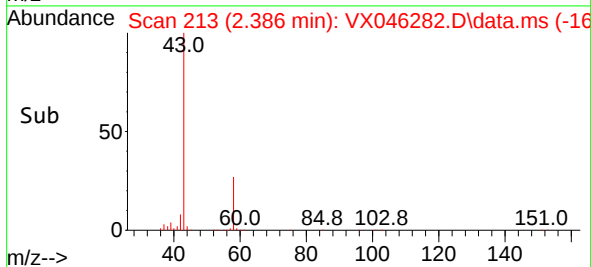
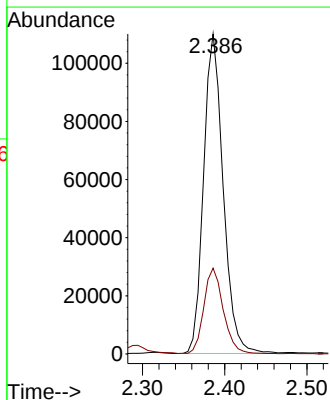
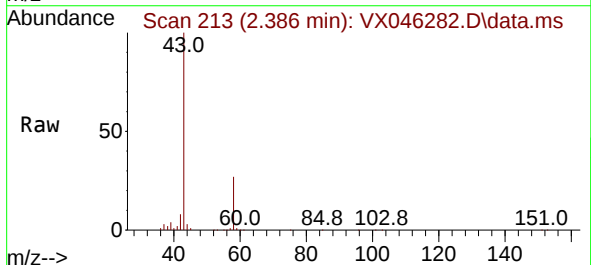
Manual Integrations
APPROVED

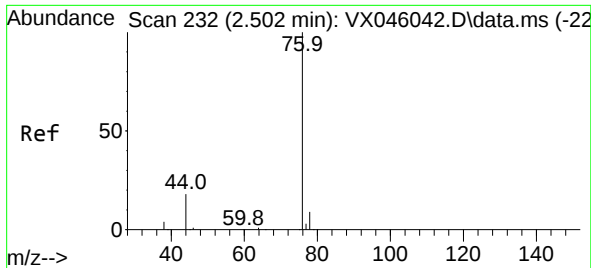
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 278.887 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion: 43 Resp: 182015
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8





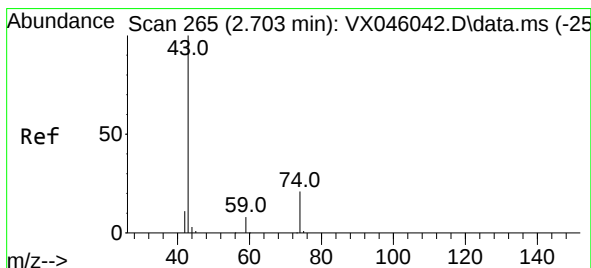
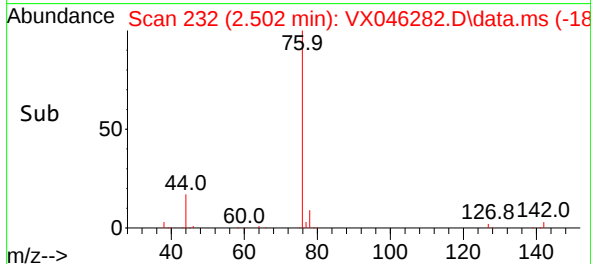
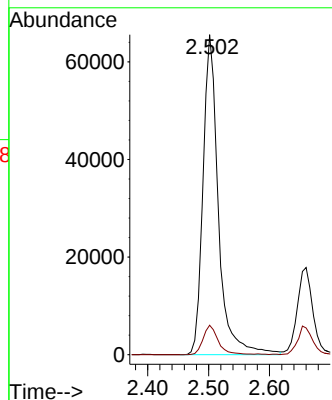
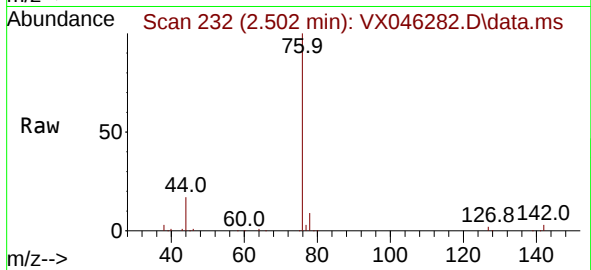
#17
Carbon Disulfide
Concen: 46.873 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 115040
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

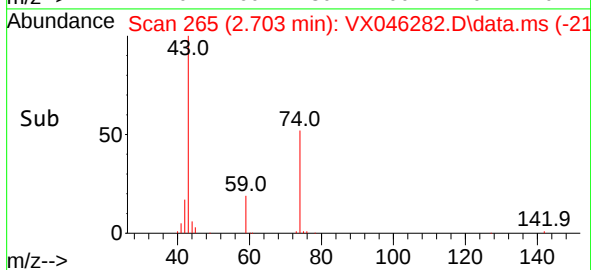
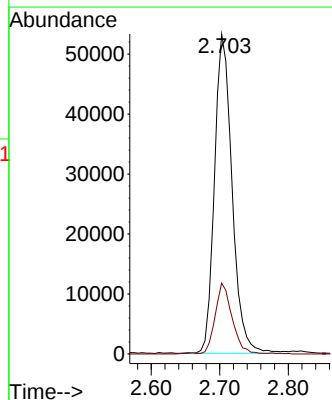
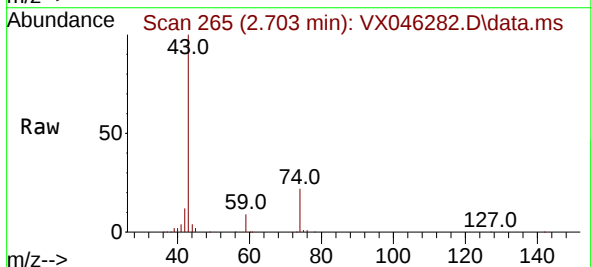
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 62.819 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

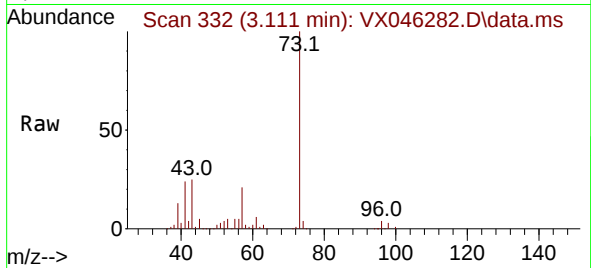
Tgt Ion: 43 Resp: 95138
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 55.181 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

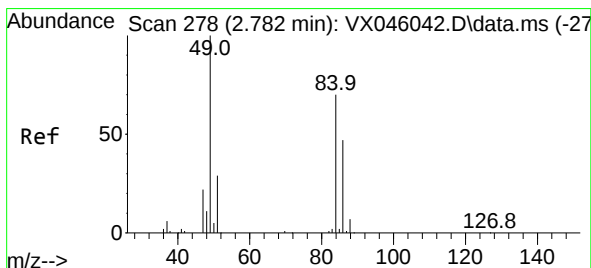
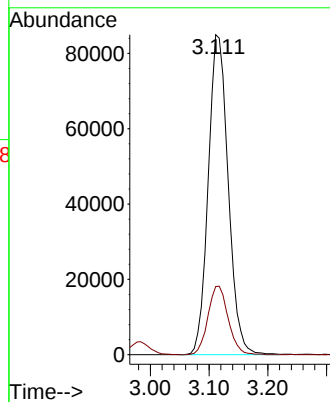
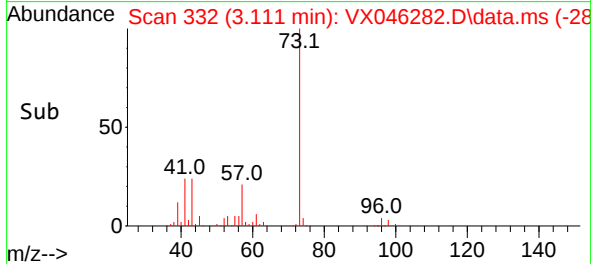
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 200288
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

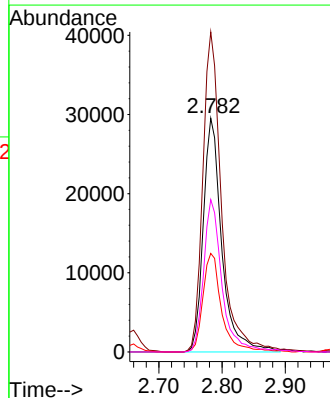
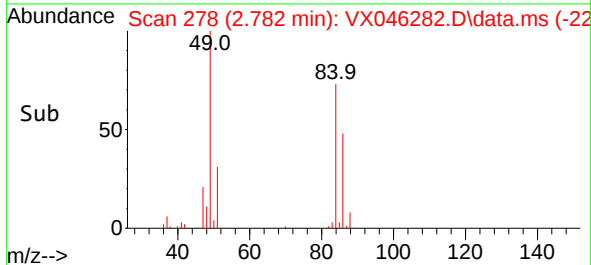
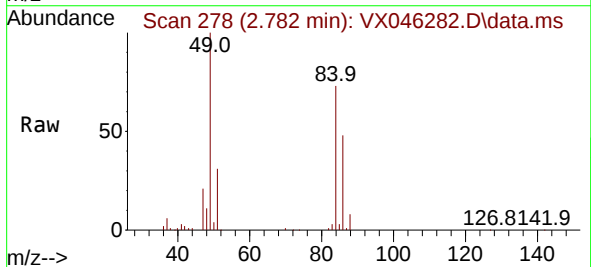
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 48.270 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

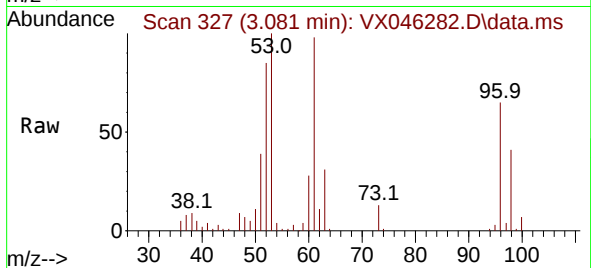
Tgt Ion: 84 Resp: 60370
Ion Ratio Lower Upper
84 100
49 136.9 113.9 170.9
51 42.2 33.5 50.3
86 65.2 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 51.132 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

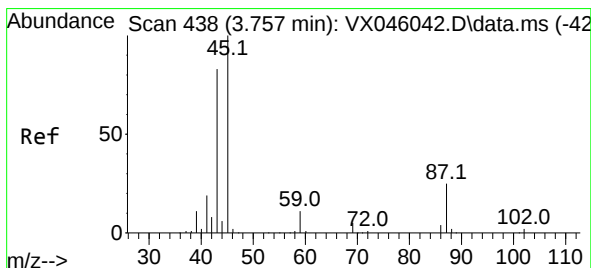
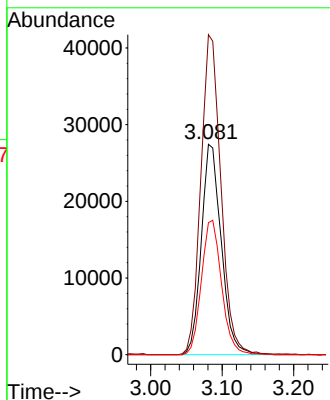
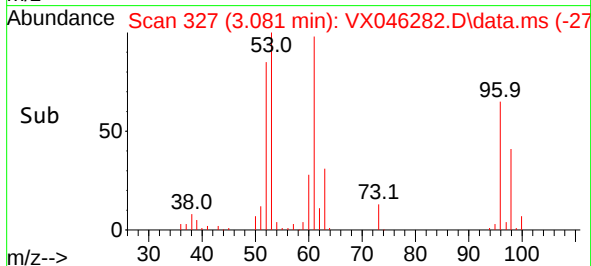
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 53235
Ion Ratio Lower Upper
96 100
61 152.1 119.5 179.3
98 62.7 50.0 75.0

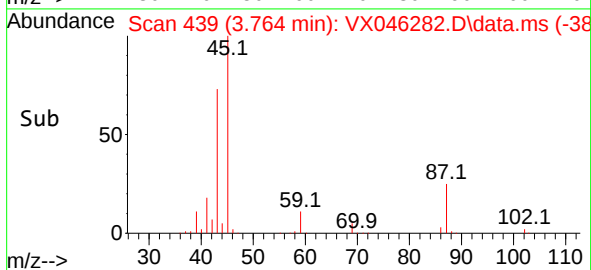
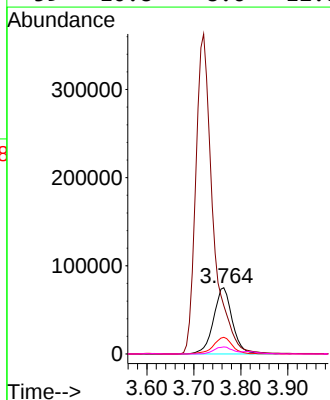
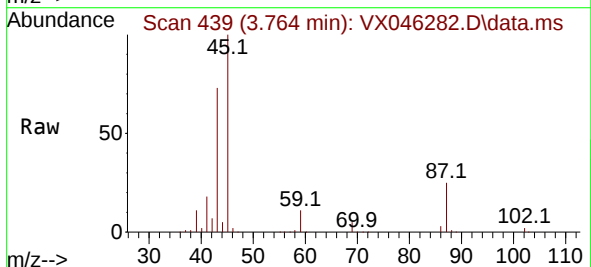
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#22
Diisopropyl ether
Concen: 54.591 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

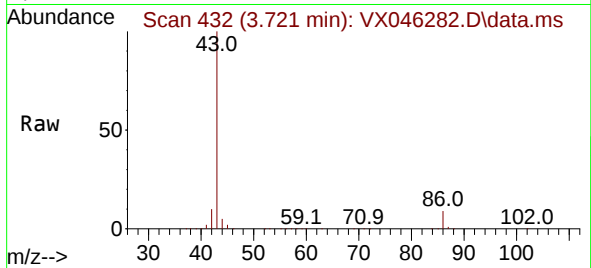
Tgt Ion: 45 Resp: 208647
Ion Ratio Lower Upper
45 100
43 72.9 66.6 100.0
87 25.2 19.8 29.6
59 10.8 8.6 12.8





#23
 Vinyl Acetate
 Concen: 274.817 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52

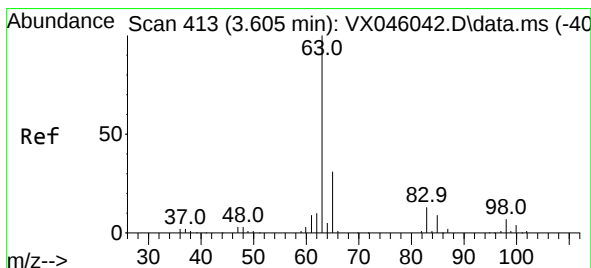
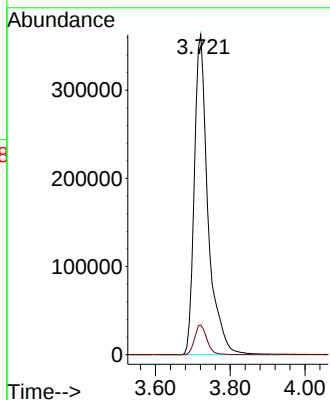
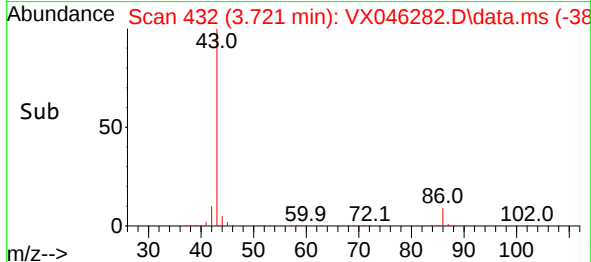
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



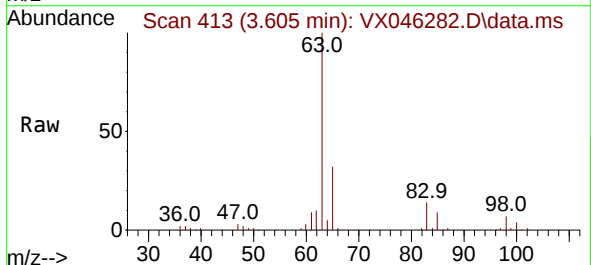
Tgt Ion: 43 Resp: 923809
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

Manual Integrations
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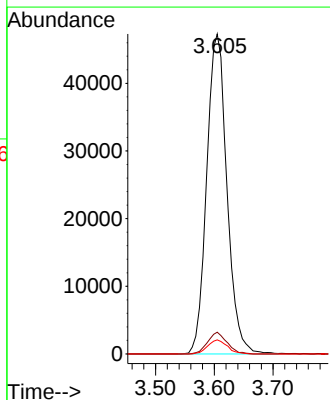
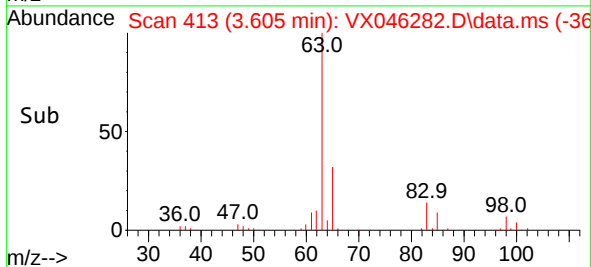
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

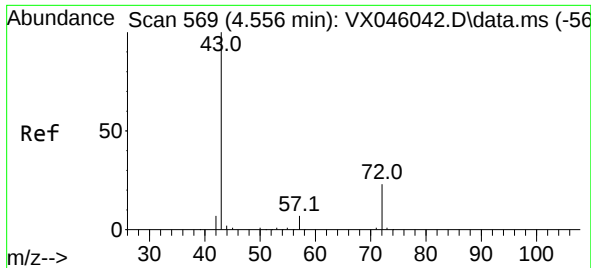


#24
 1,1-Dichloroethane
 Concen: 53.187 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52



Tgt Ion: 63 Resp: 113221
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.4 2.1 6.3





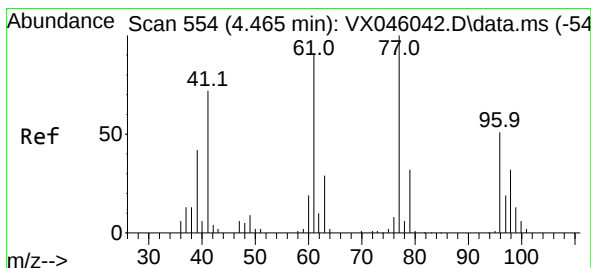
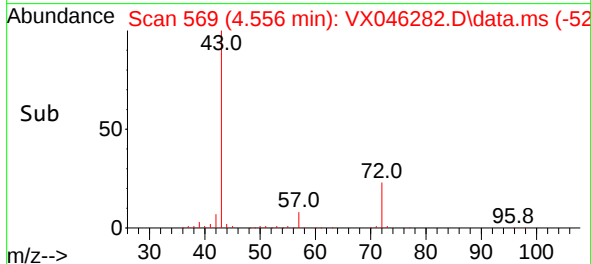
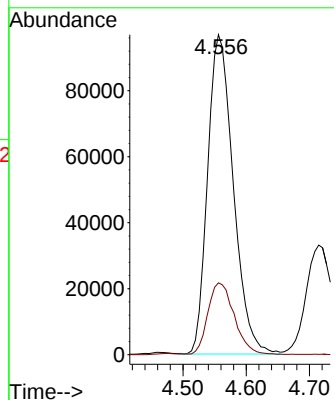
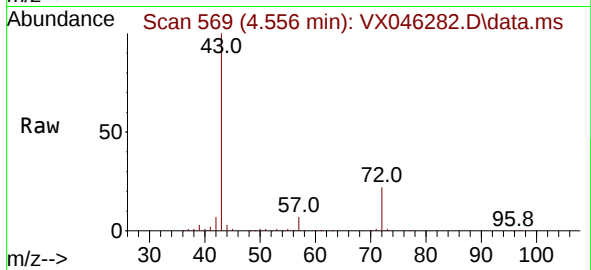
#25
2-Butanone
Concen: 288.143 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 273010
Ion Ratio Lower Upper
43 100
72 22.3 18.4 27.6

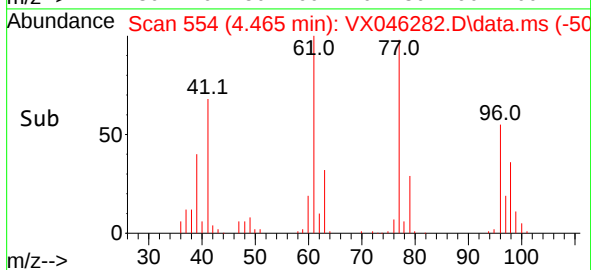
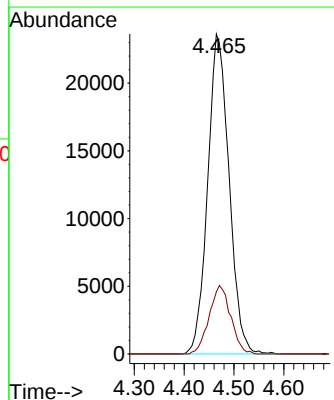
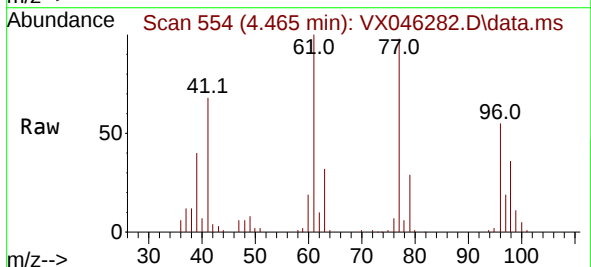
Manual Integrations
APPROVED

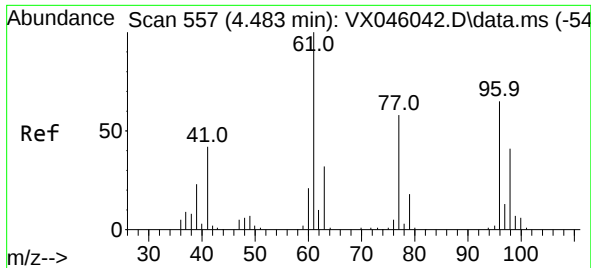
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 42.257 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion: 77 Resp: 70409
Ion Ratio Lower Upper
77 100
97 21.5 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 51.640 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6472

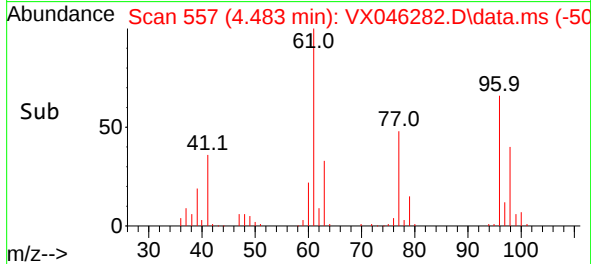
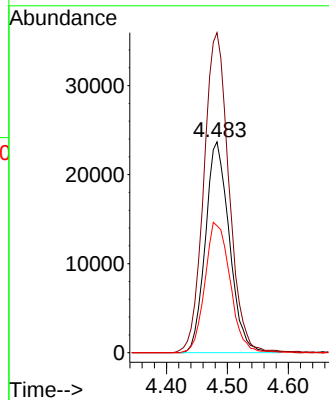
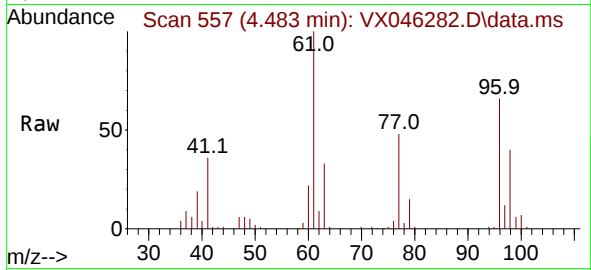
Ion	Ratio	Lower	Upper
96	100		
61	159.2	0.0	322.8
98	65.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#28

Bromochloromethane

Concen: 48.562 ug/l

RT: 4.898 min Scan# 625

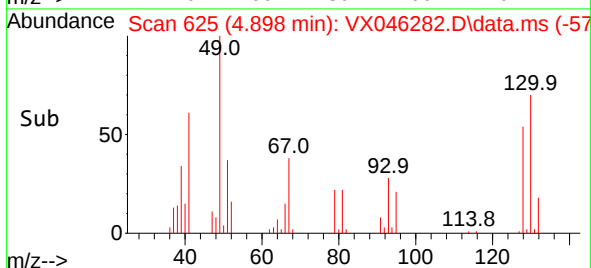
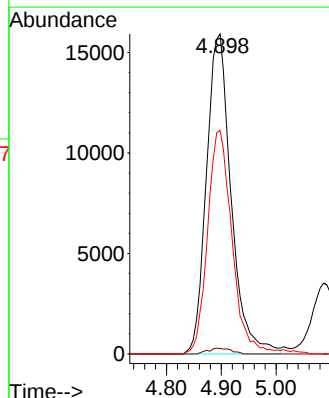
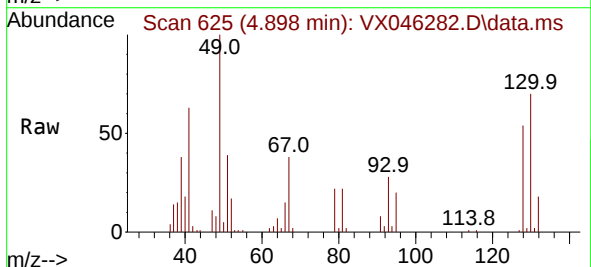
Delta R.T. 0.000 min

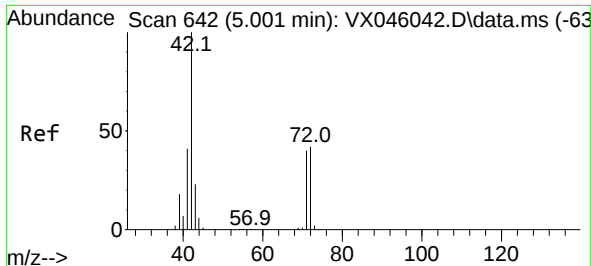
Lab File: VX046282.D

Acq: 19 May 2025 20:52

Tgt Ion: 49 Resp: 49760

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	69.7	56.2	84.2





#29

Tetrahydrofuran

Concen: 286.203 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 16992

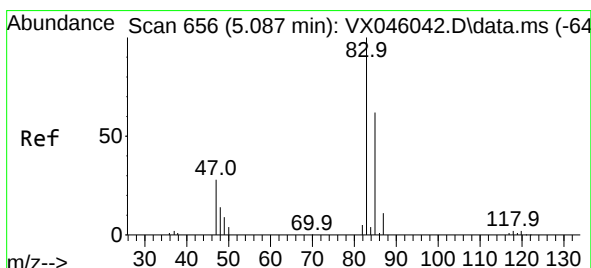
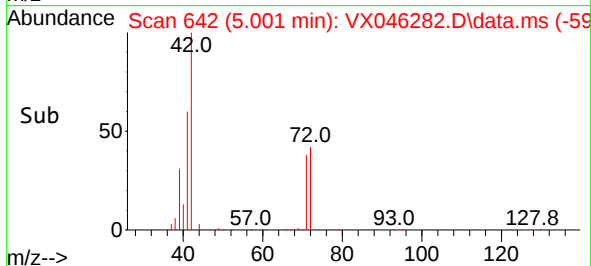
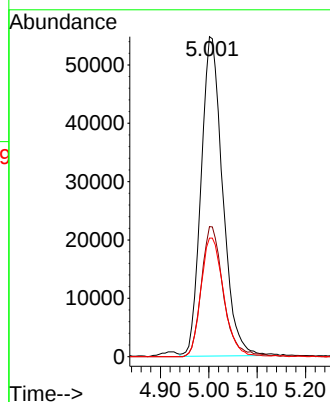
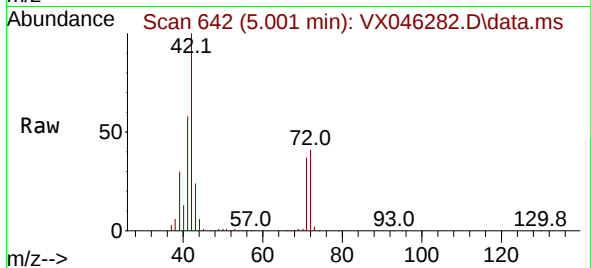
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.7	50.5
71	39.0	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 53.492 ug/l

RT: 5.086 min Scan# 656

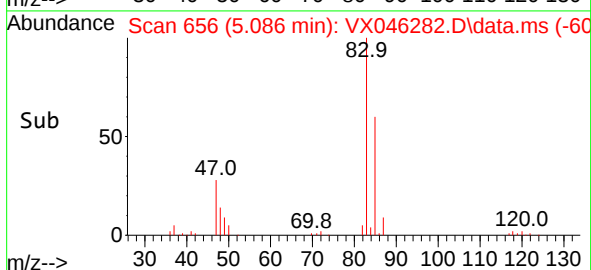
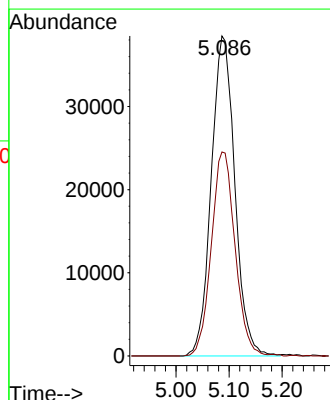
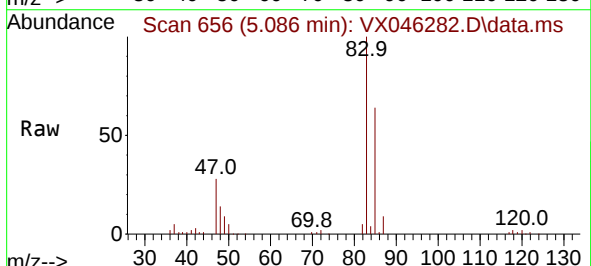
Delta R.T. -0.000 min

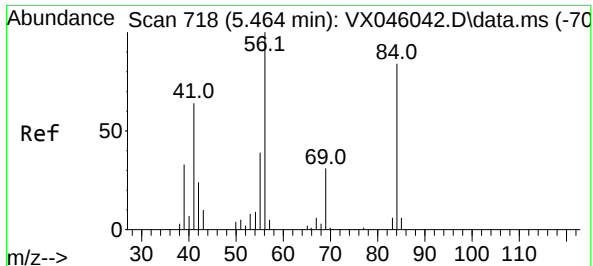
Lab File: VX046282.D

Acq: 19 May 2025 20:52

Tgt Ion: 83 Resp: 118688

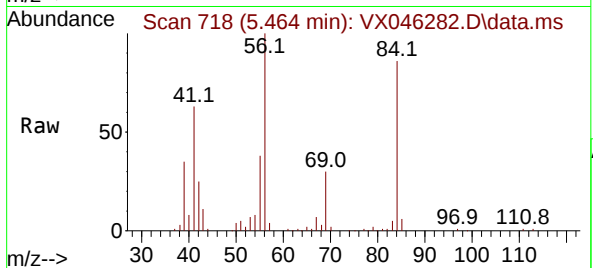
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.3	73.9





#31
Cyclohexane
Concen: 50.405 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

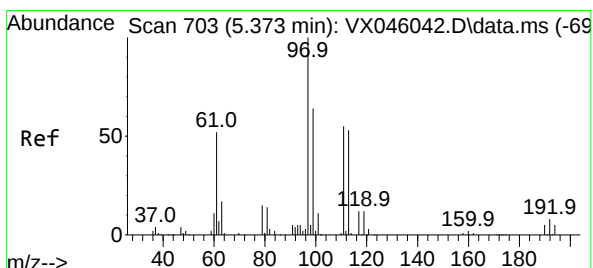
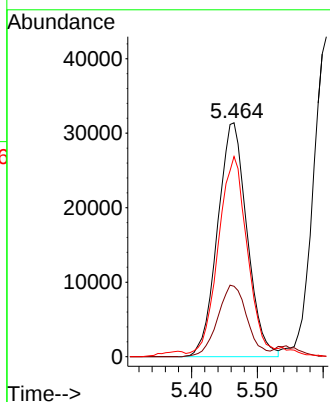
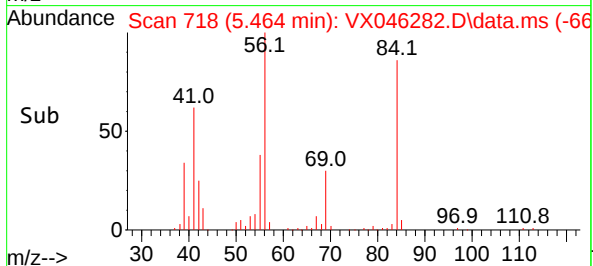
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 97778
Ion Ratio Lower Upper
56 100
69 30.1 24.4 36.6
84 83.3 66.9 100.3

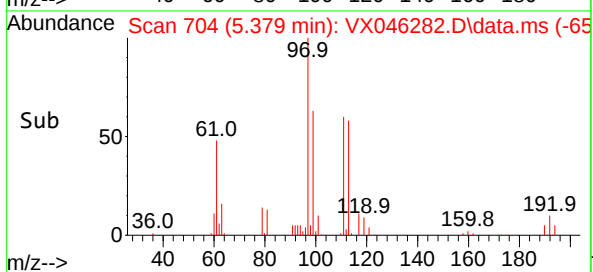
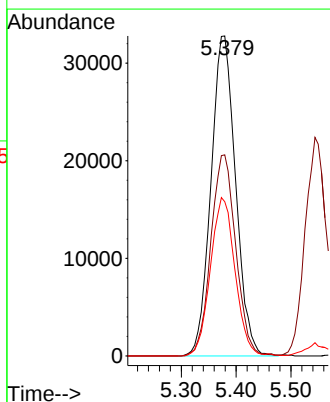
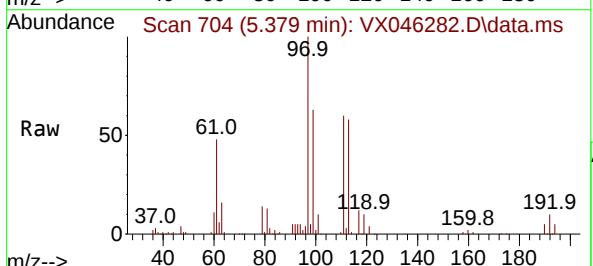
Manual Integrations
APPROVED

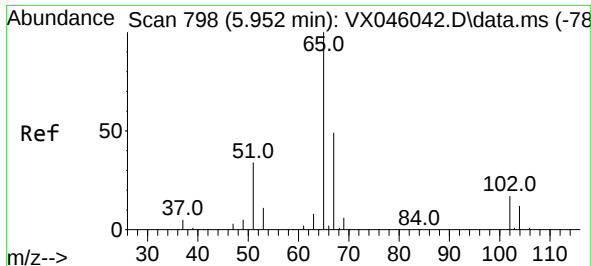
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#32
1,1,1-Trichloroethane
Concen: 53.280 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

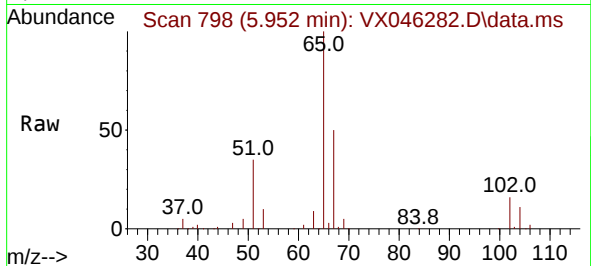
Tgt Ion: 97 Resp: 102478
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 49.3 40.1 60.1





#33
 1,2-Dichloroethane-d4
 Concen: 49.251 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52

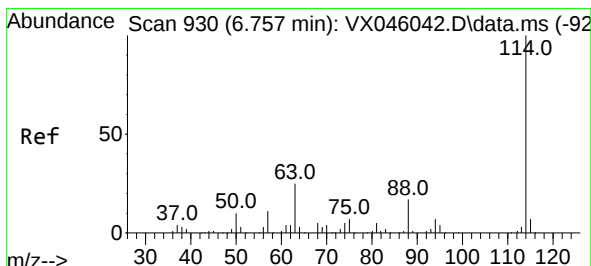
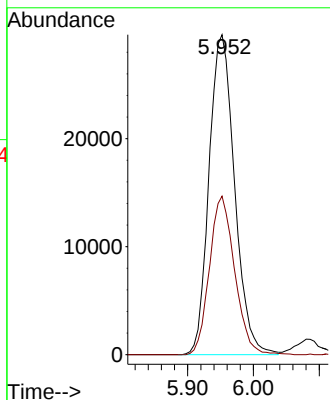
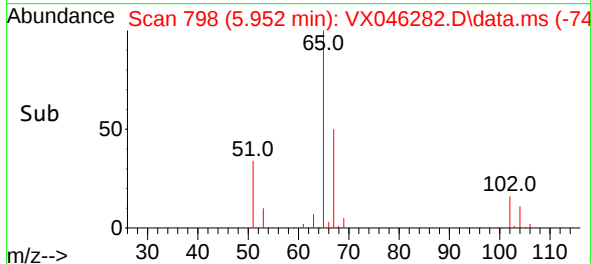
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



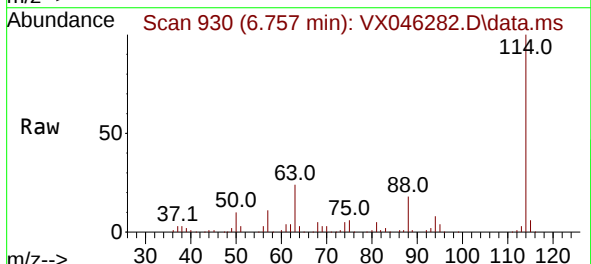
Tgt Ion: 65 Resp: 80168
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0

Manual Integrations
 APPROVED

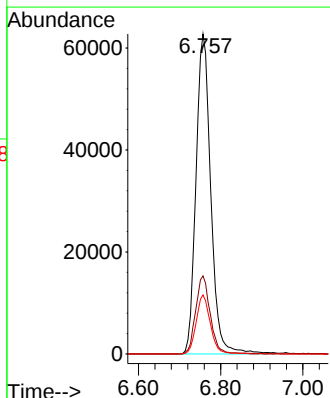
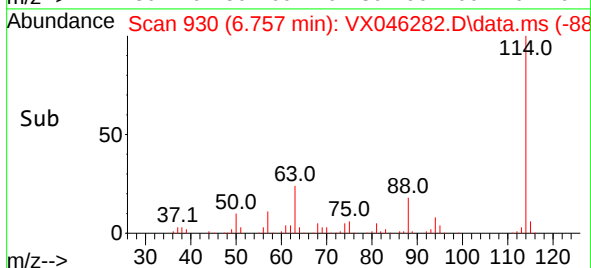
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

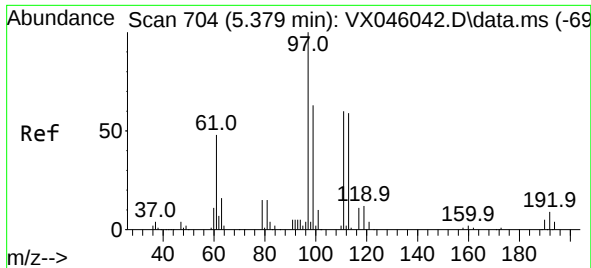


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52



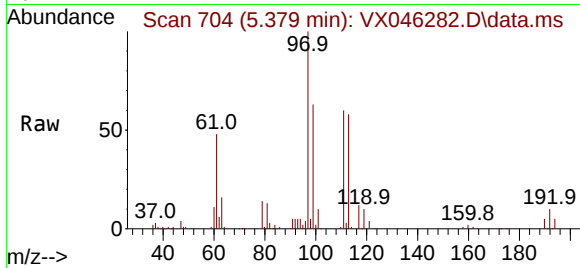
Tgt Ion:114 Resp: 156847
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 18.5 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 49.603 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52

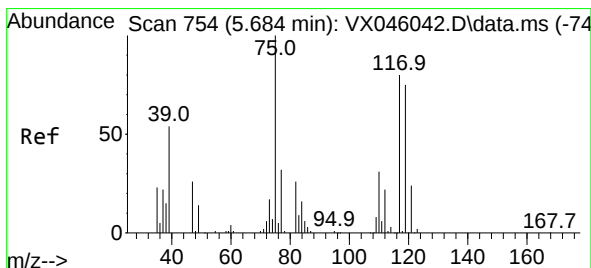
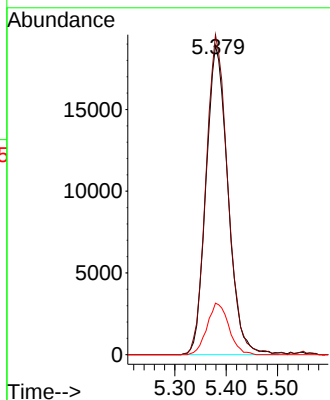
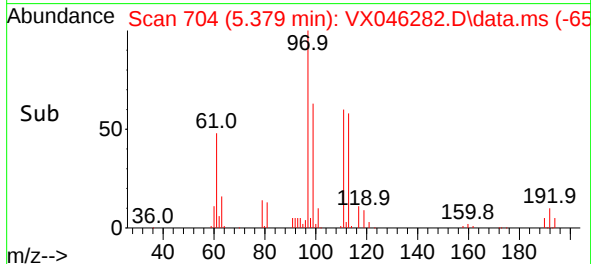
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 113 Resp: 5602
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.1 124.7
 192 16.5 13.3 19.9

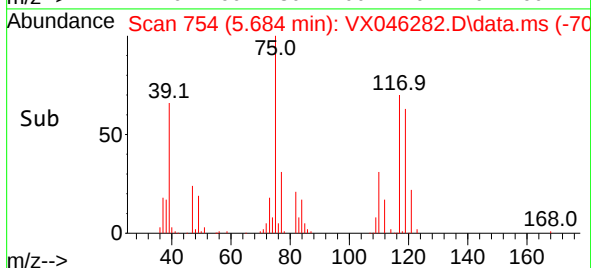
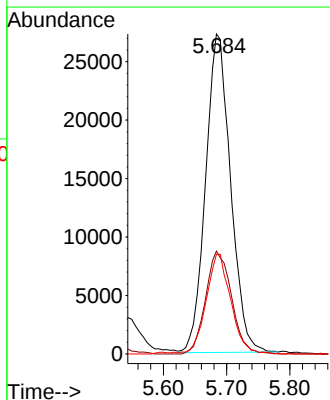
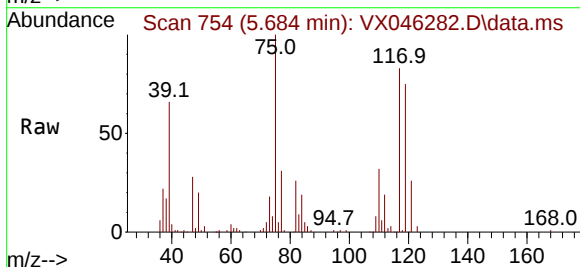
Manual Integrations
 APPROVED

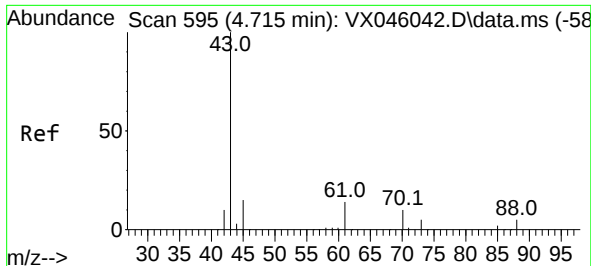
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#36
 1,1-Dichloropropene
 Concen: 49.247 ug/l
 RT: 5.684 min Scan# 754
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52

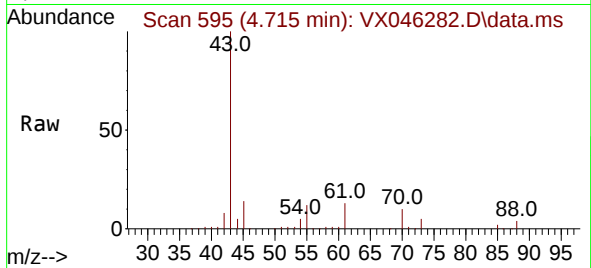
Tgt Ion: 75 Resp: 74735
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.3 48.9
 77 31.1 24.3 36.5





#37
Ethyl Acetate
Concen: 52.992 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

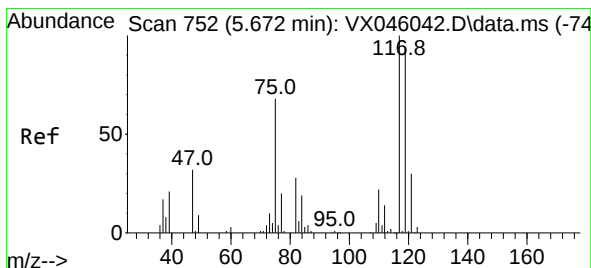
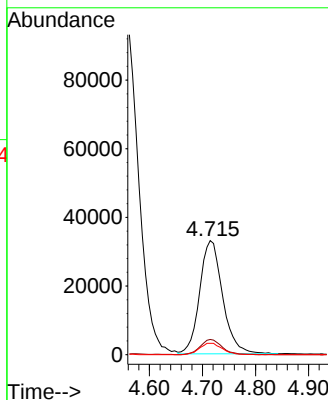
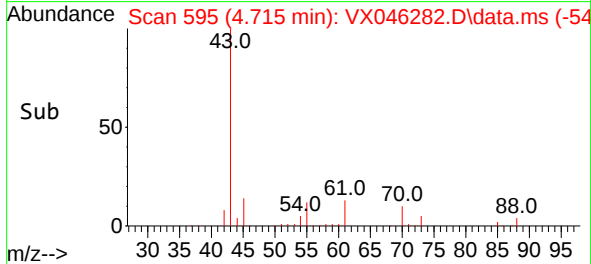
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 99350
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 10.0 7.9 11.9

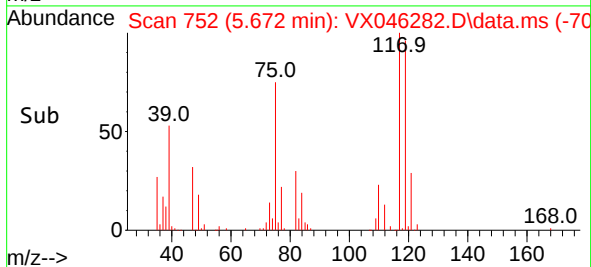
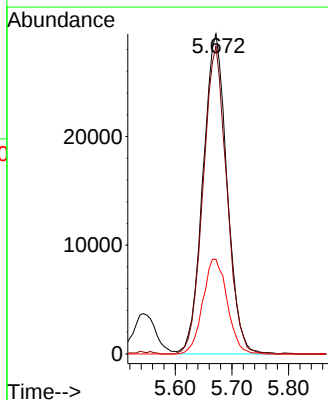
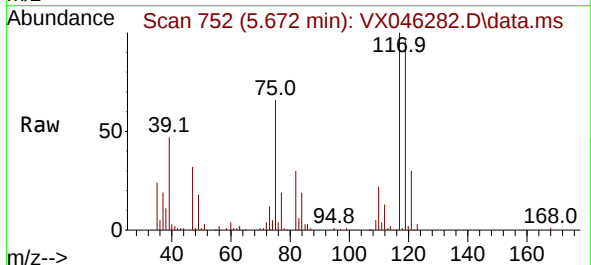
Manual Integrations
APPROVED

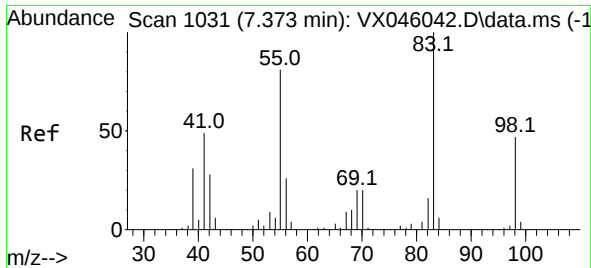
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#38
Carbon Tetrachloride
Concen: 50.726 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

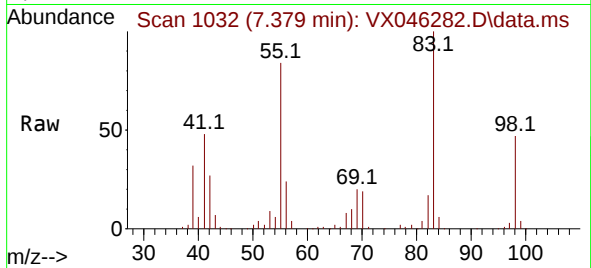
Tgt Ion:117 Resp: 86493
Ion Ratio Lower Upper
117 100
119 96.1 75.2 112.8
121 29.6 24.2 36.4





#39
Methylcyclohexane
Concen: 48.775 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

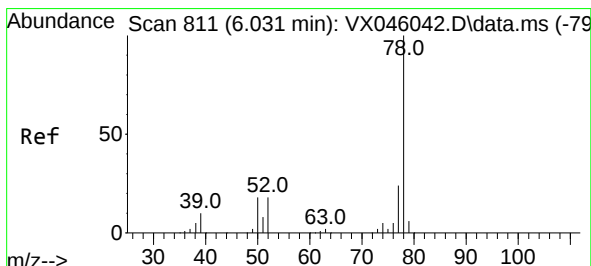
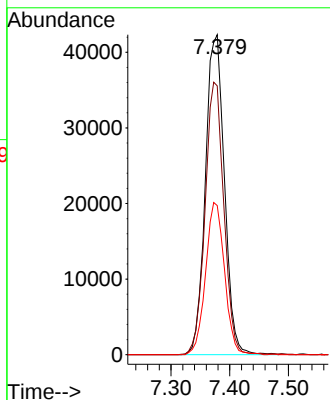
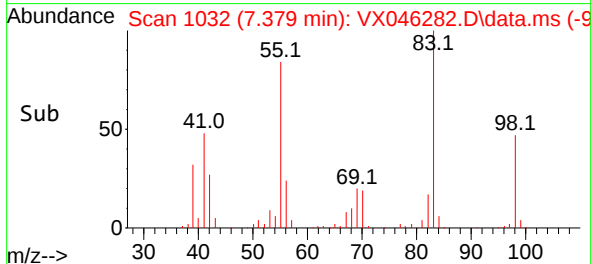
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9529
Ion Ratio Lower Upper
83 100
55 84.0 64.7 97.1
98 46.6 37.4 56.2

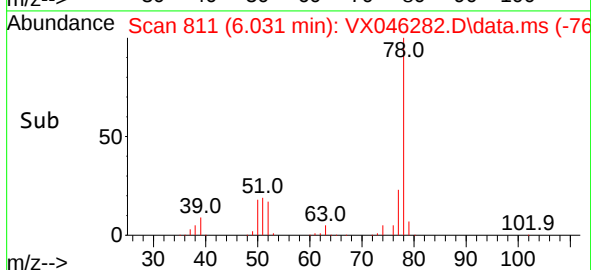
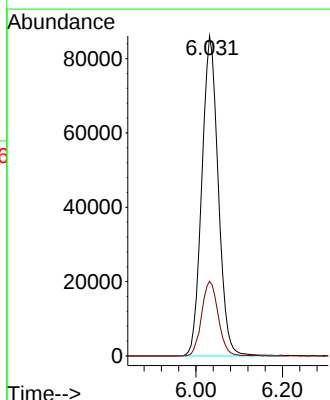
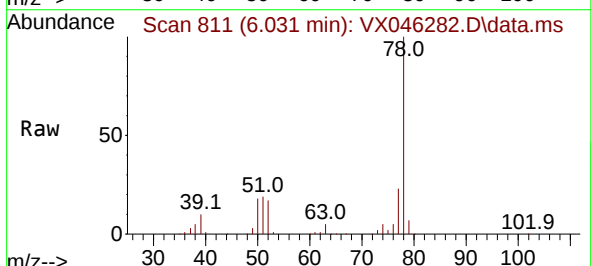
Manual Integrations
APPROVED

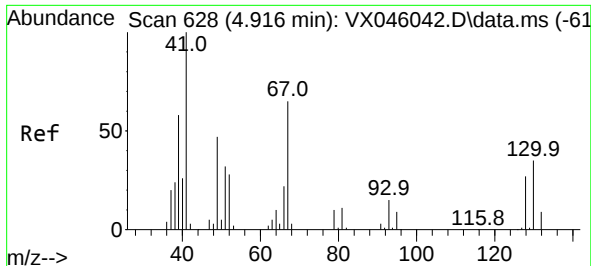
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 50.976 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

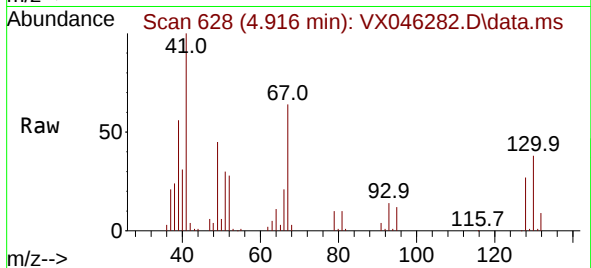
Tgt Ion: 78 Resp: 226592
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 57.224 ug/l
RT: 4.916 min Scan# 612
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

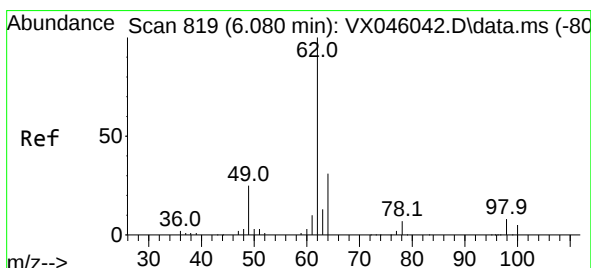
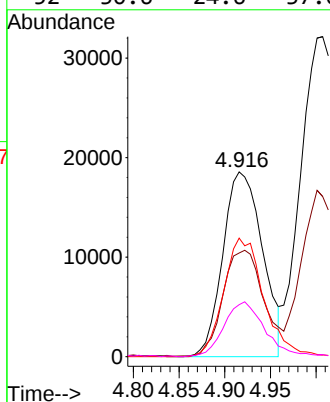
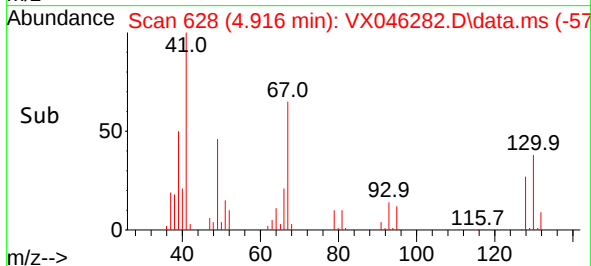
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 56129
Ion Ratio Lower Upper
41 100
39 59.2 47.2 70.8
67 65.2 50.7 76.1
52 30.6 24.6 37.0

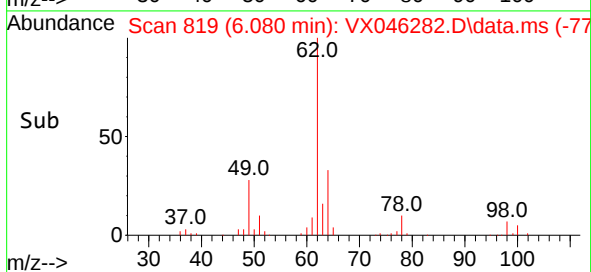
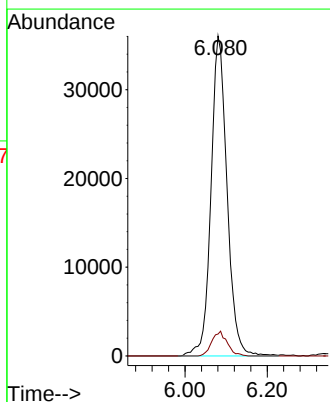
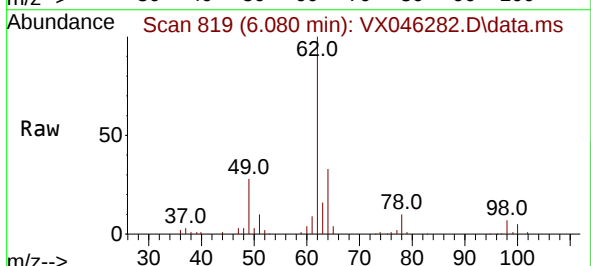
Manual Integrations
APPROVED

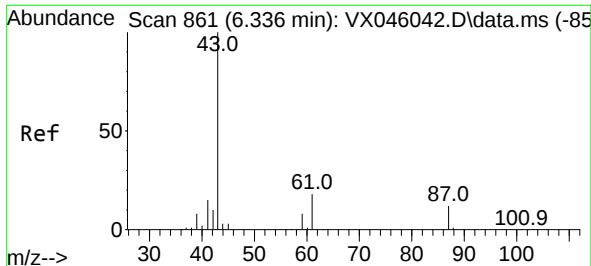
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#42
1,2-Dichloroethane
Concen: 51.046 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

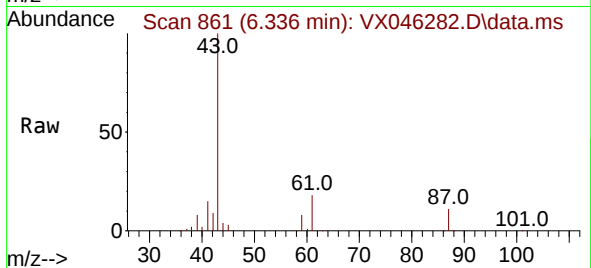
Tgt Ion: 62 Resp: 97929
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 55.274 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

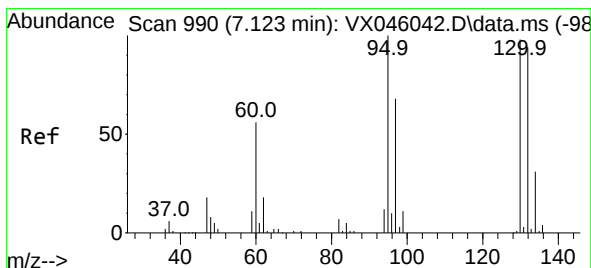
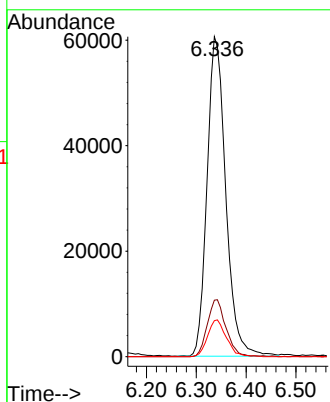
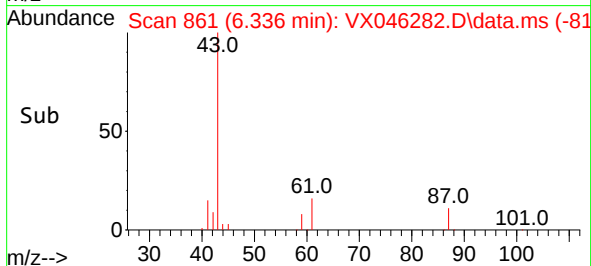
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 158100
Ion Ratio Lower Upper
43 100
61 17.8 14.3 21.5
87 11.6 9.5 14.3

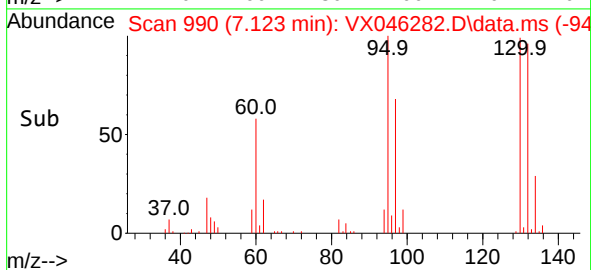
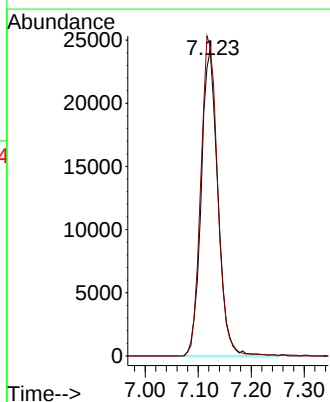
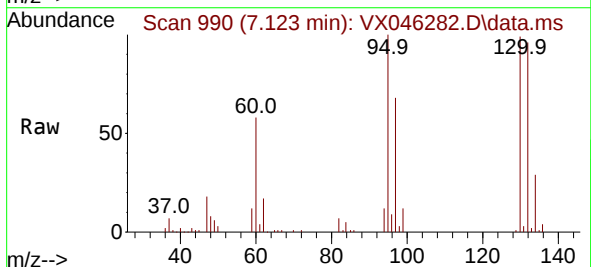
Manual Integrations
APPROVED

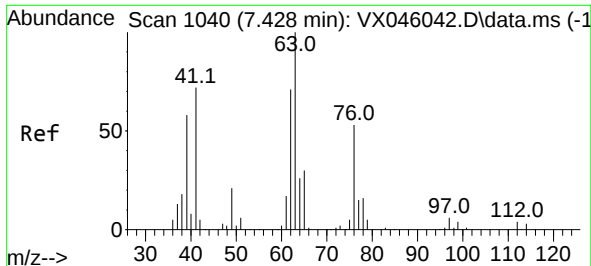
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#44
Trichloroethene
Concen: 49.587 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion:130 Resp: 53050
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.2





#45

1,2-Dichloropropane

Concen: 53.092 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5868

Ion Ratio Lower Upper

63 100

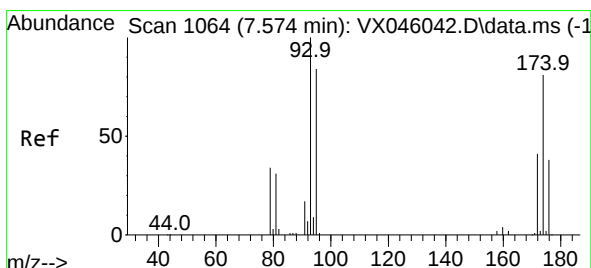
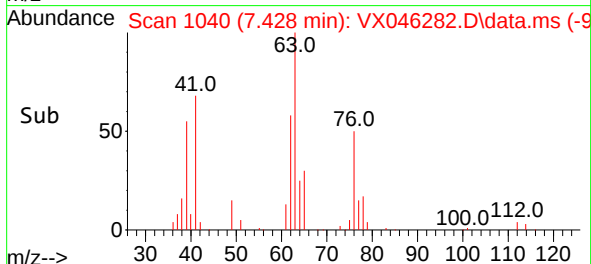
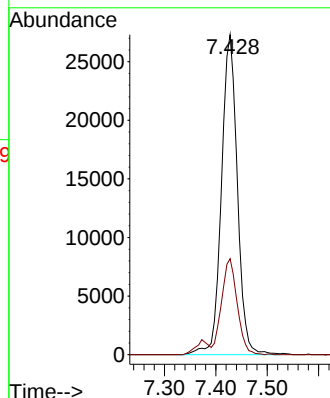
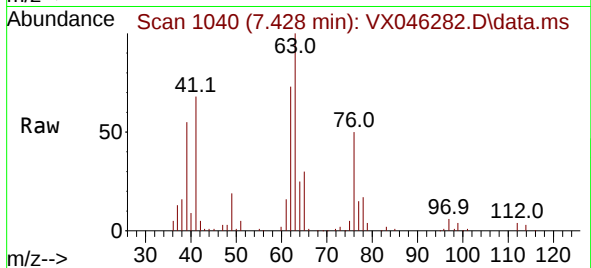
65 30.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#46

Dibromomethane

Concen: 51.075 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

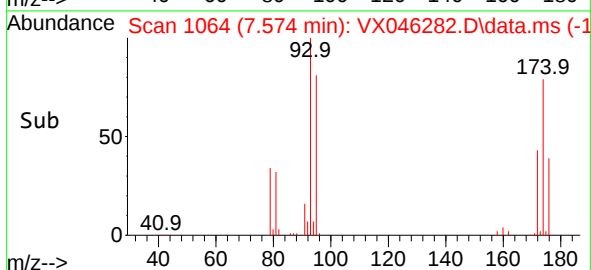
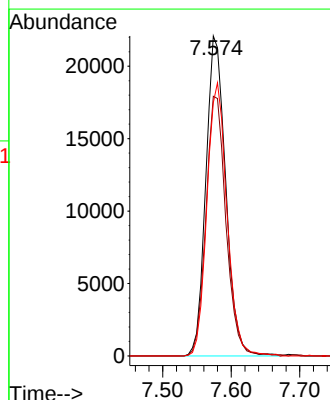
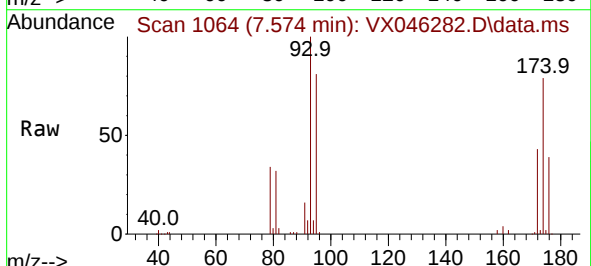
Tgt Ion: 93 Resp: 44525

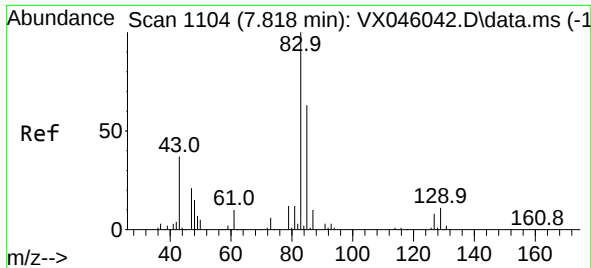
Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

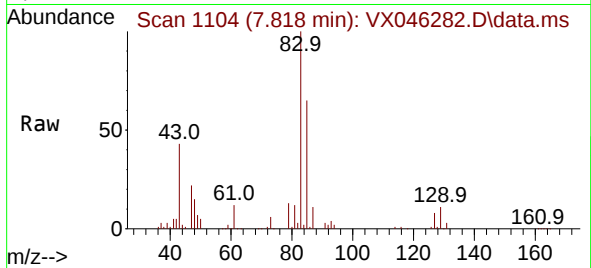
174 86.1 68.2 102.2





#47
Bromodichloromethane
Concen: 52.445 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

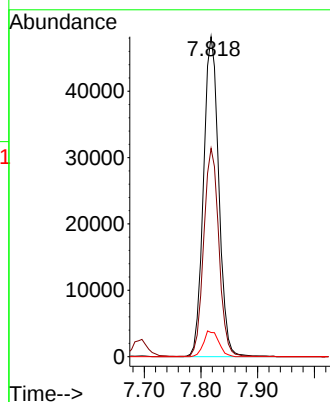
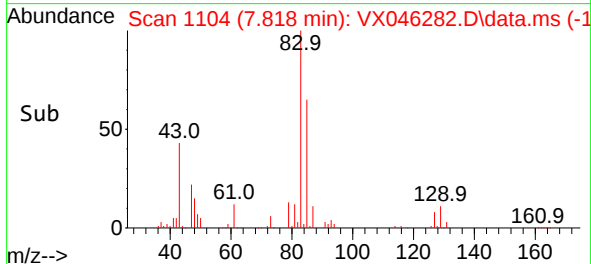
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9004
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 7.6 6.5 9.7

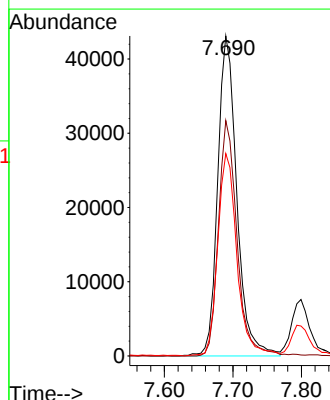
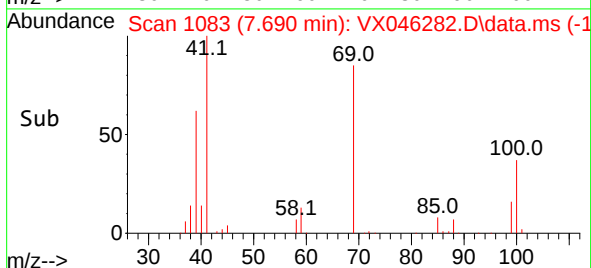
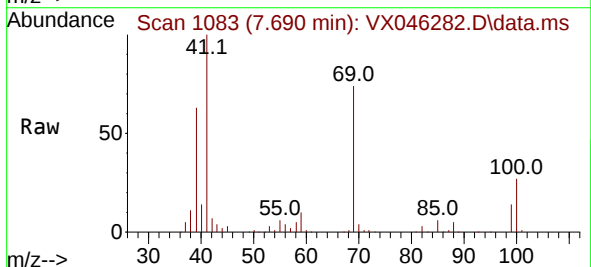
Manual Integrations
APPROVED

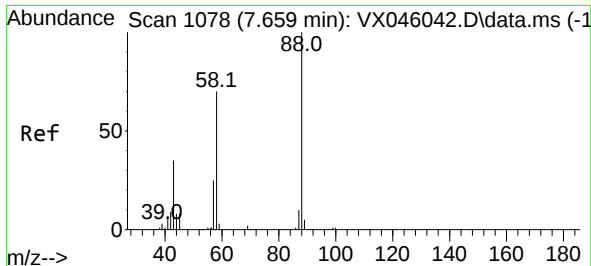
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#48
Methyl methacrylate
Concen: 57.173 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

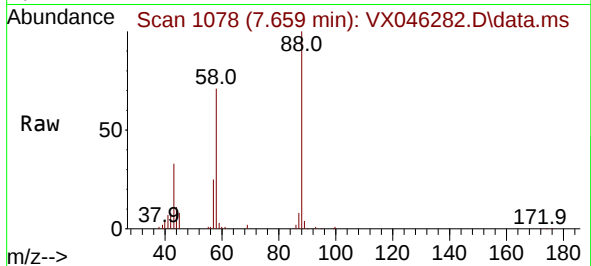
Tgt Ion: 41 Resp: 83517
Ion Ratio Lower Upper
41 100
69 71.2 58.5 87.7
39 63.6 51.7 77.5





#49
1,4-Dioxane
Concen: 1223.338 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

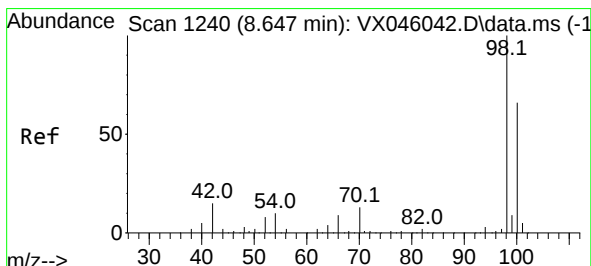
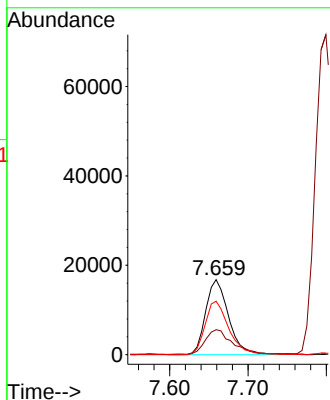
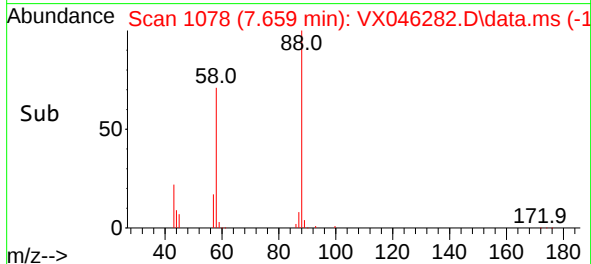
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3393
Ion Ratio Lower Upper
88 100
43 39.1 33.4 50.2
58 74.0 58.6 88.0

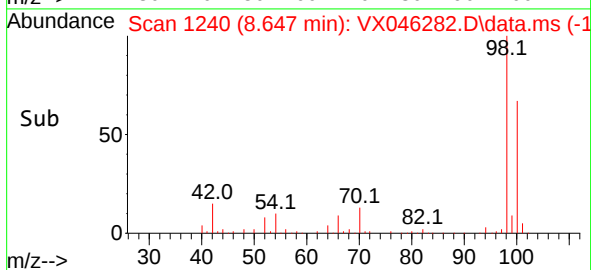
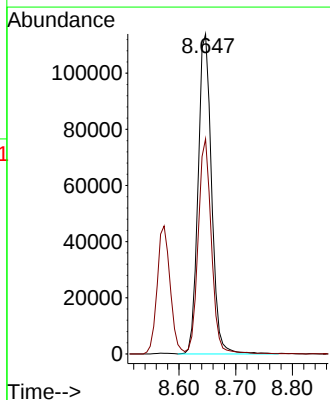
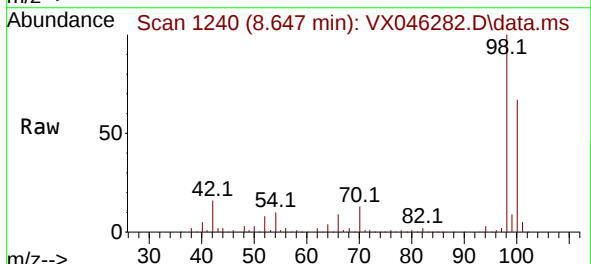
Manual Integrations
APPROVED

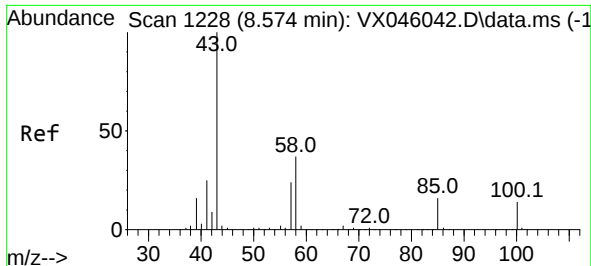
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 48.096 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion: 98 Resp: 188018
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 280.749 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

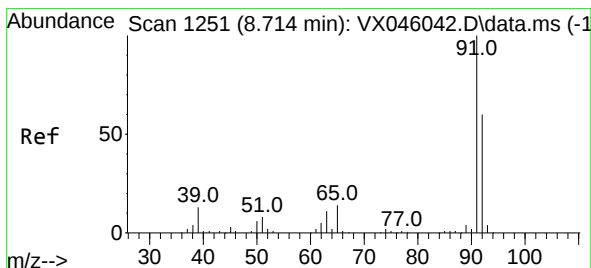
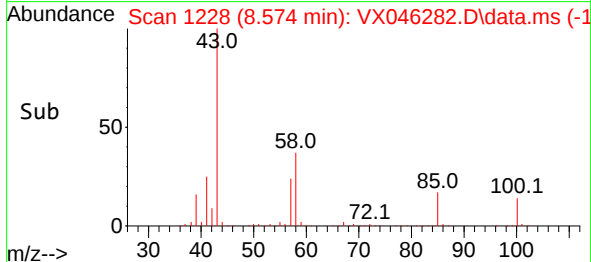
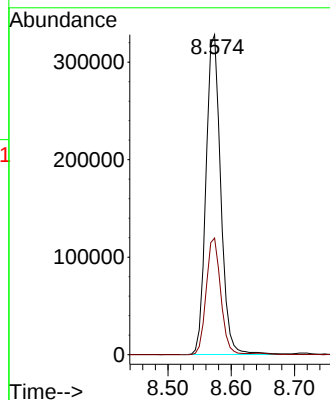
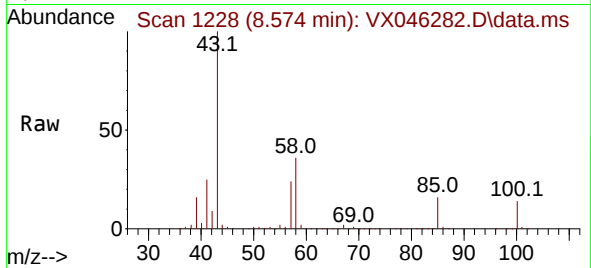
VSTDCCC050EC

Tgt Ion: 43 Resp: 53304
Ion Ratio Lower Upper
43 100
58 36.0 28.9 43.3

Manual Integrations

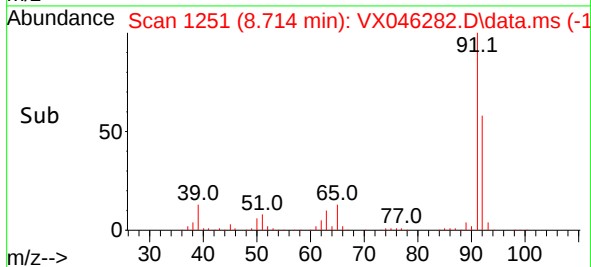
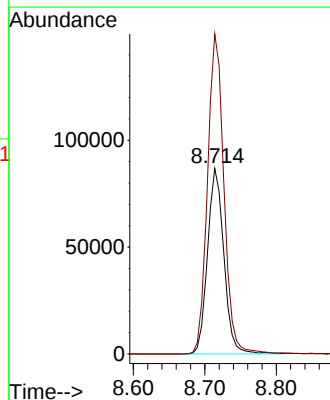
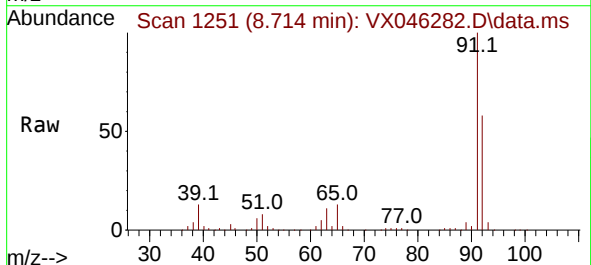
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 50.624 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion: 92 Resp: 137981
Ion Ratio Lower Upper
92 100
91 173.6 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 51.722 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

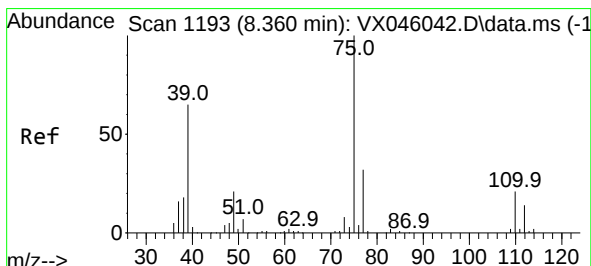
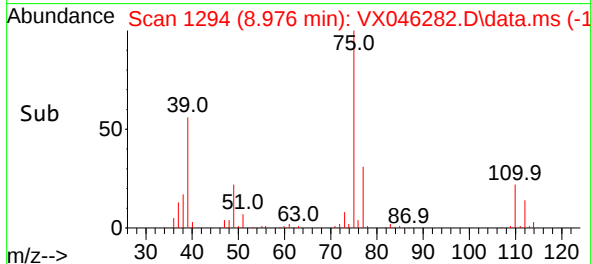
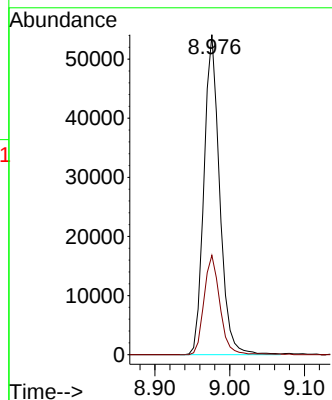
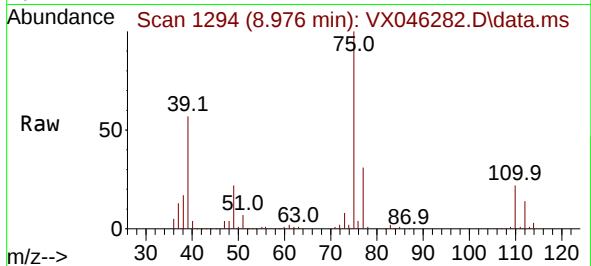
VSTDCCC050EC

Tgt Ion: 75 Resp: 78938
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6

Manual Integrations

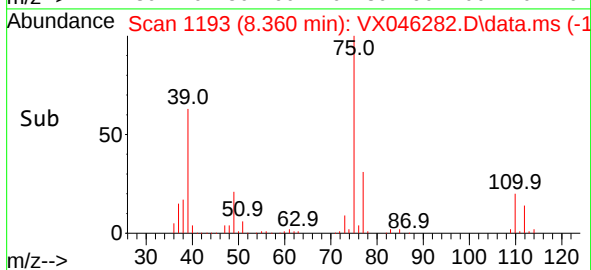
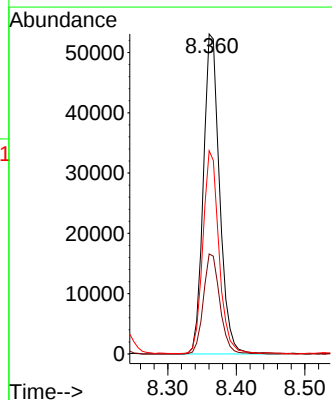
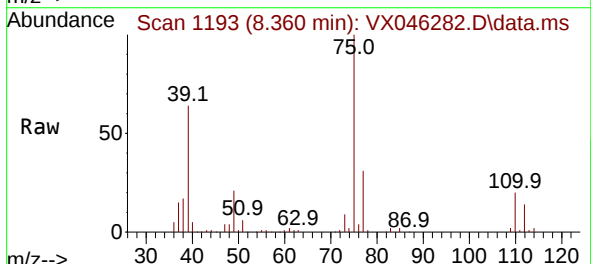
APPROVED

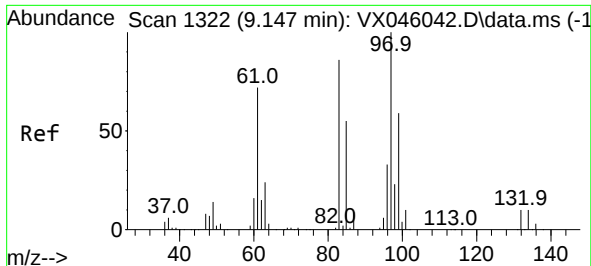
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#54
cis-1,3-Dichloropropene
Concen: 51.910 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion: 75 Resp: 87559
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 63.3 52.2 78.4





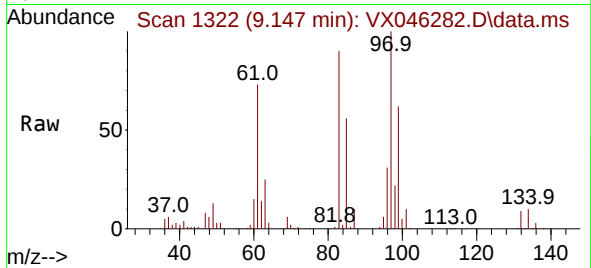
#55
1,1,2-Trichloroethane
Concen: 52.423 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



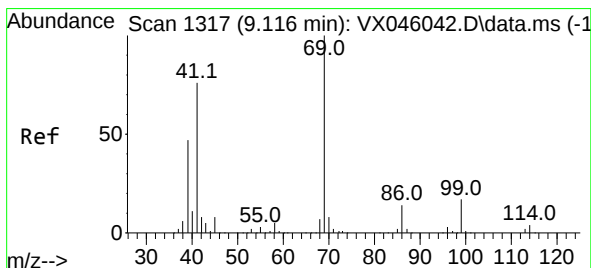
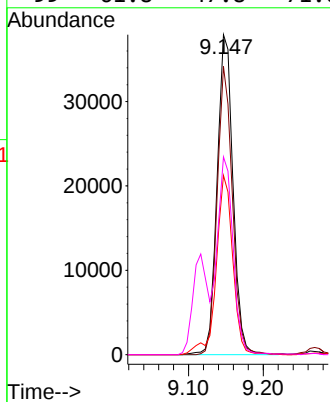
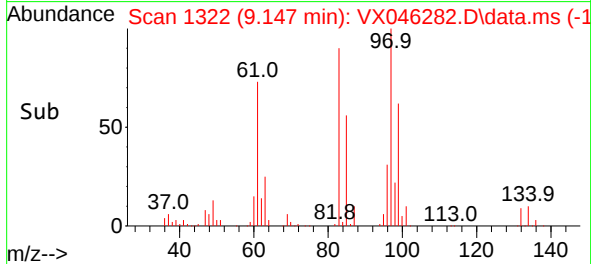
Tgt Ion: 97 Resp: 56340
Ion Ratio Lower Upper
97 100
83 90.1 69.0 103.6
85 56.0 44.3 66.5
99 61.8 47.8 71.6

Manual Integrations

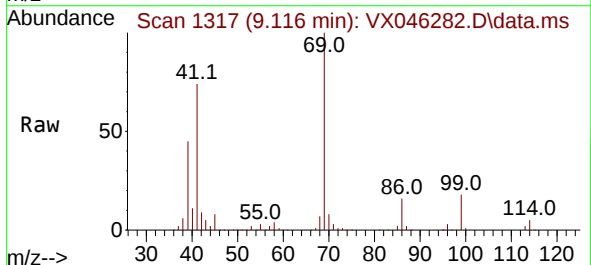
APPROVED

Reviewed By :John Carlone 05/21/2025

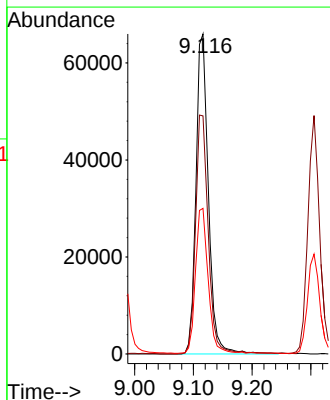
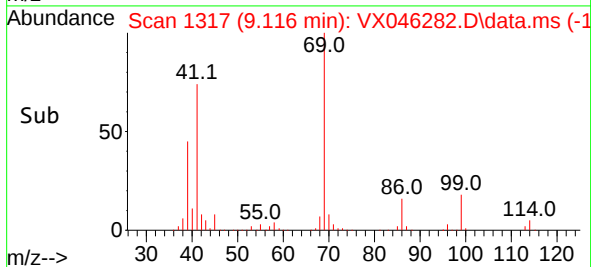
Supervised By :Mahesh Dadoda 05/21/2025

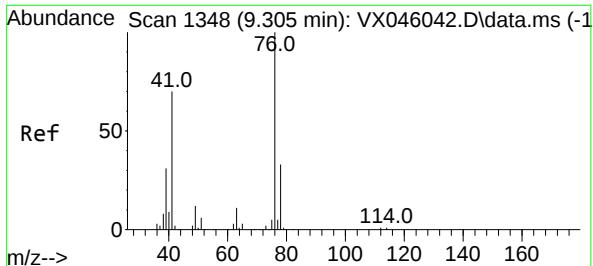


#56
Ethyl methacrylate
Concen: 56.768 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



Tgt Ion: 69 Resp: 97236
Ion Ratio Lower Upper
69 100
41 76.9 60.8 91.2
39 46.9 39.0 58.6





#57

1,3-Dichloropropane

Concen: 50.676 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9781

Ion Ratio Lower Upper

76 100

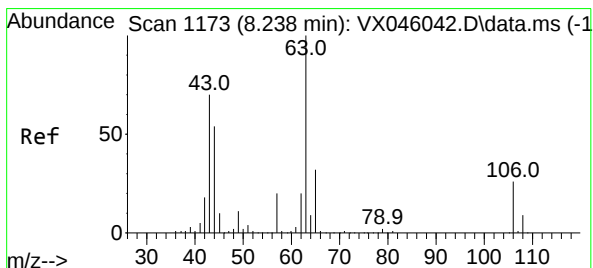
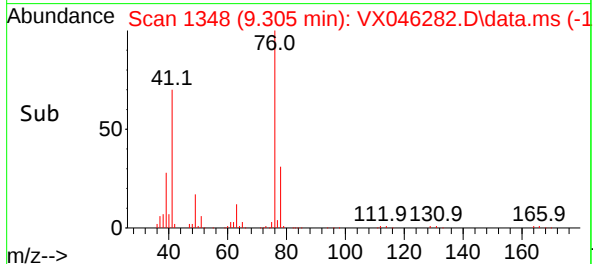
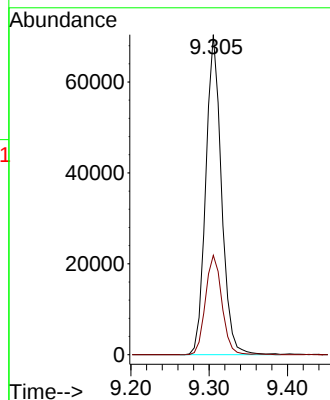
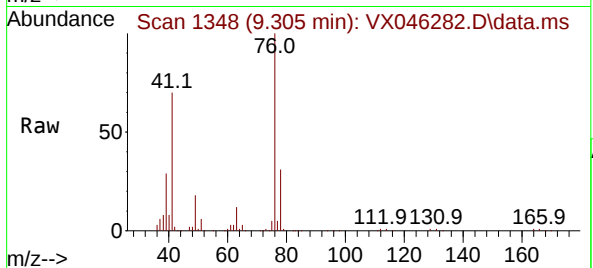
78 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 262.849 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046282.D

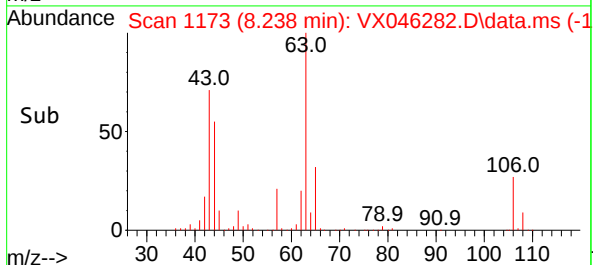
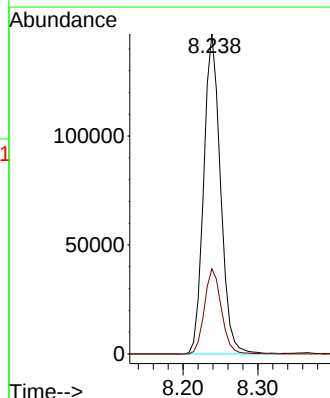
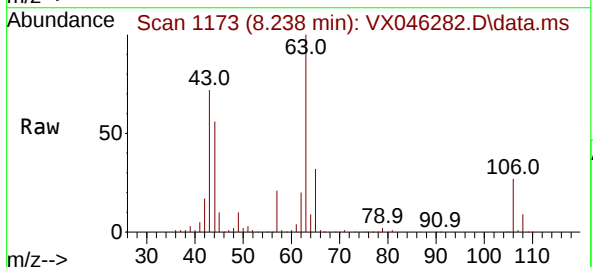
Acq: 19 May 2025 20:52

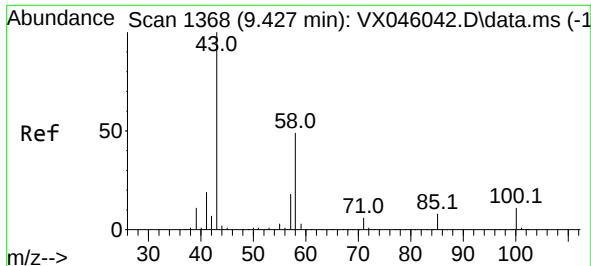
Tgt Ion: 63 Resp: 229533

Ion Ratio Lower Upper

63 100

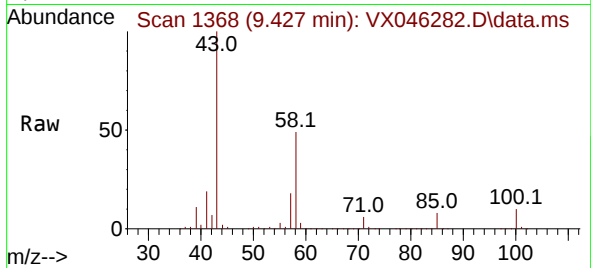
106 26.8 21.5 32.3





#59
2-Hexanone
Concen: 290.291 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

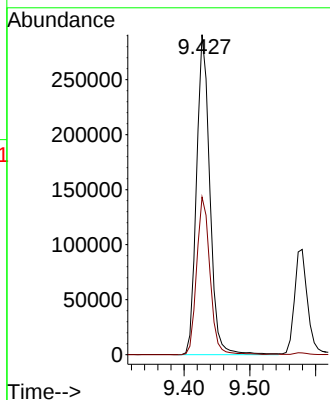
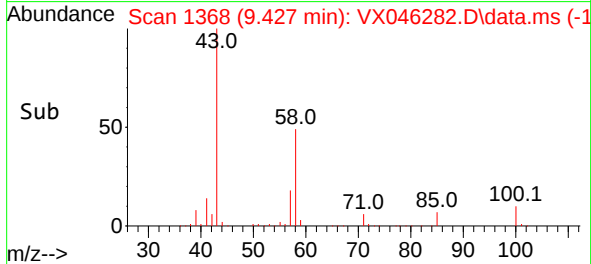
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 407760
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

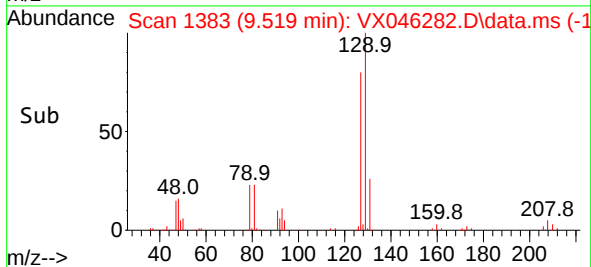
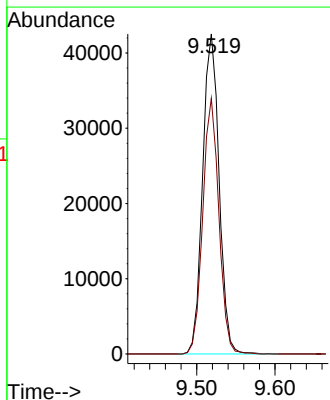
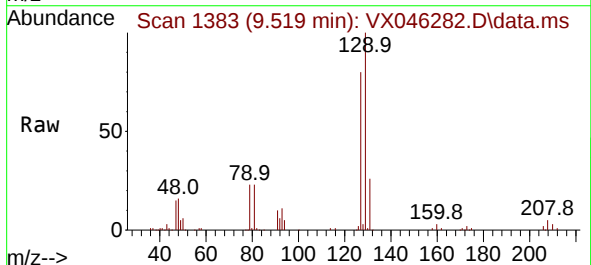
Manual Integrations
APPROVED

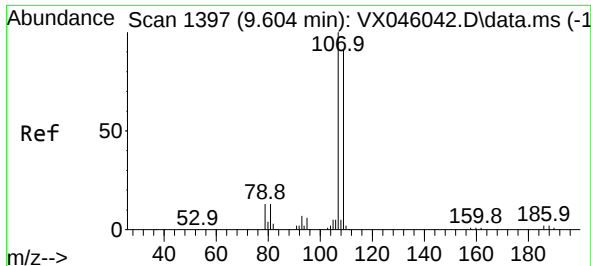
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
Dibromochloromethane
Concen: 52.520 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

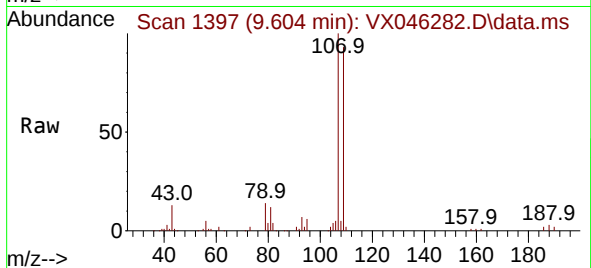
Tgt Ion:129 Resp: 61989
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.8





#61
1,2-Dibromoethane
Concen: 52.306 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

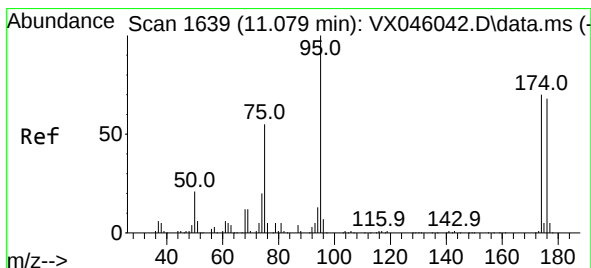
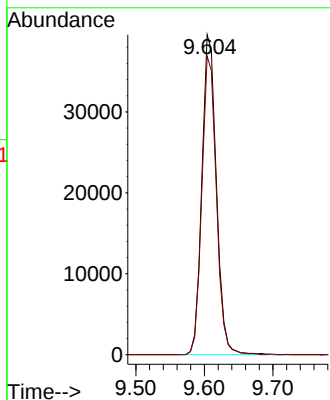
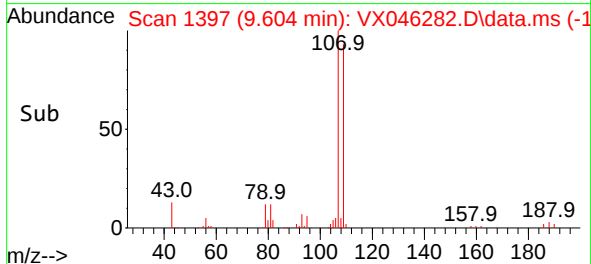
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5842
Ion Ratio Lower Upper
107 100
109 93.3 73.3 109.9

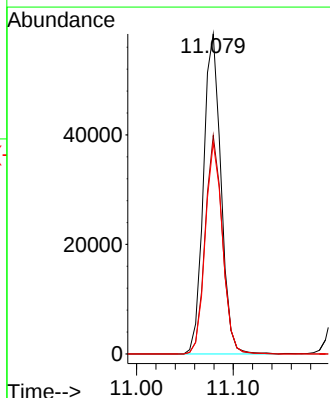
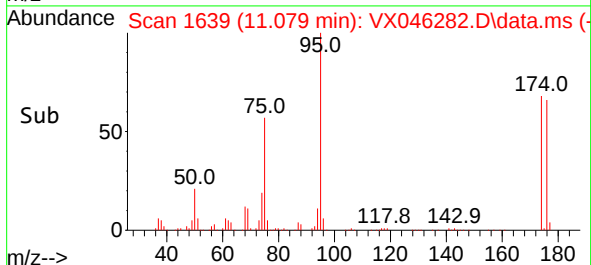
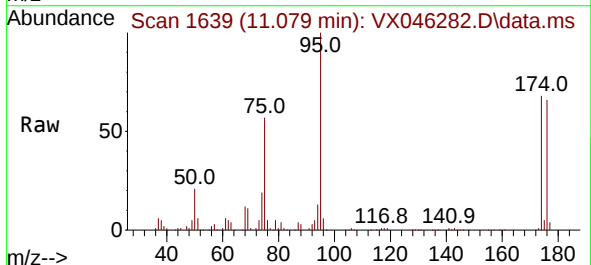
Manual Integrations
APPROVED

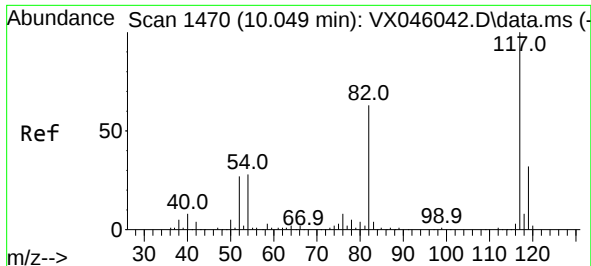
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 49.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

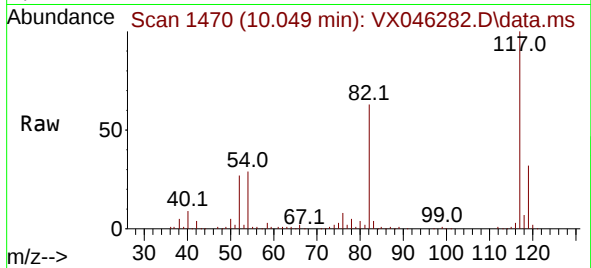
Tgt Ion: 95 Resp: 73538
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 65.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

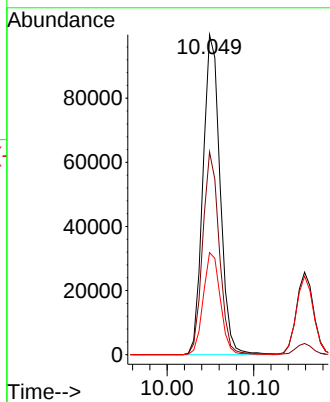
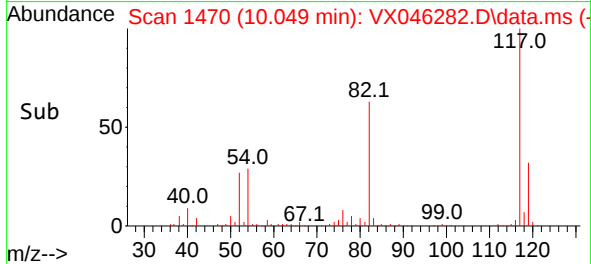
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 137050
Ion Ratio Lower Upper
117 100
82 63.4 50.6 76.0
119 31.9 25.8 38.6

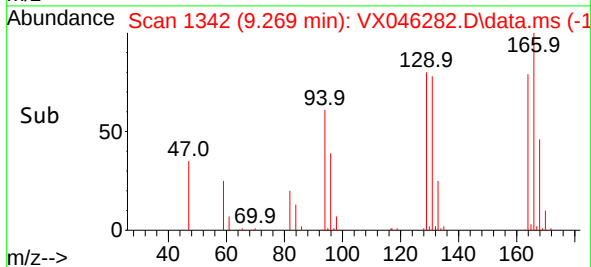
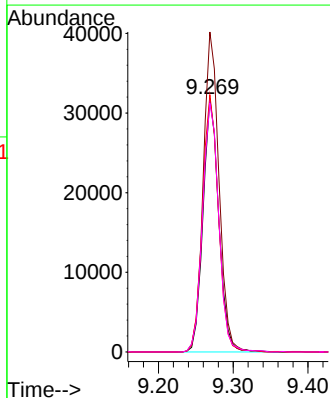
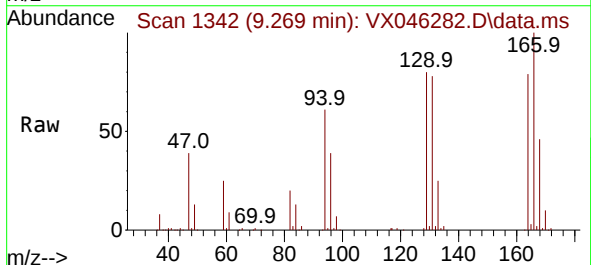
Manual Integrations
APPROVED

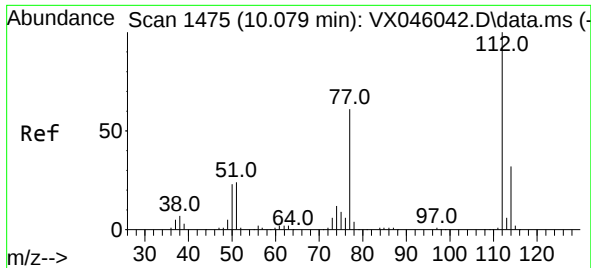
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#64
Tetrachloroethene
Concen: 47.987 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion:164 Resp: 46532
Ion Ratio Lower Upper
164 100
166 126.2 105.0 157.6
129 101.4 83.5 125.3
131 98.1 76.5 114.7





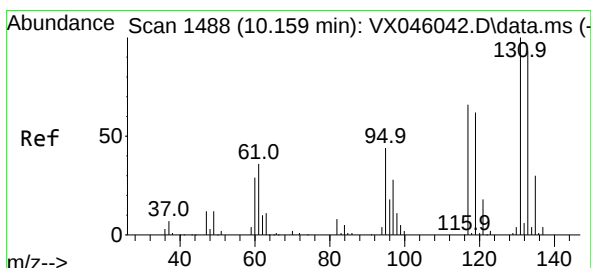
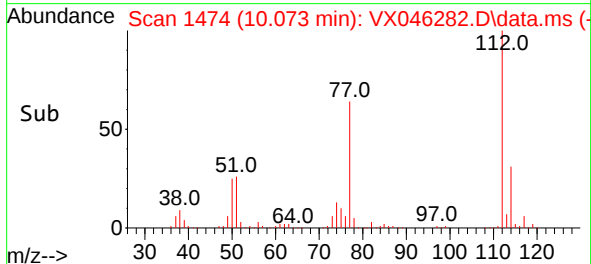
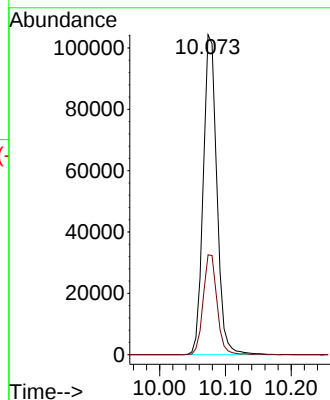
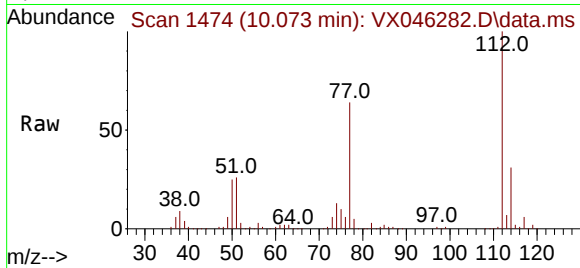
#65
Chlorobenzene
Concen: 50.227 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 150664
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

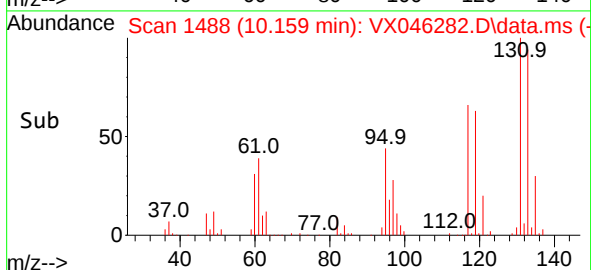
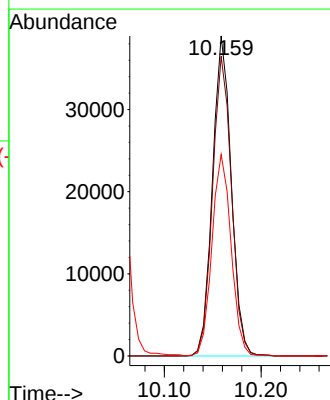
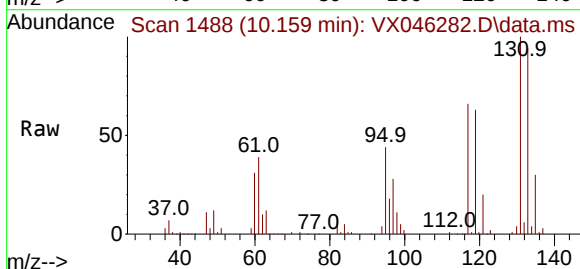
Manual Integrations
APPROVED

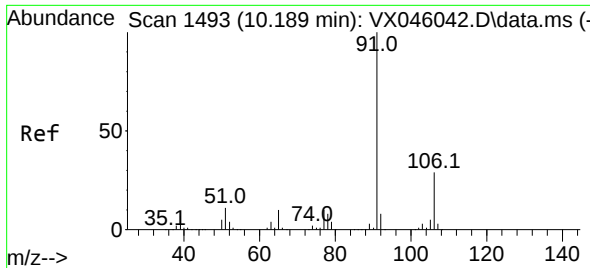
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.336 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

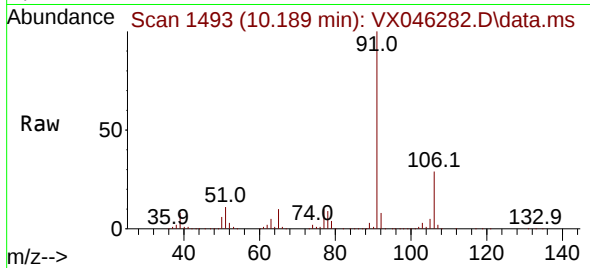
Tgt Ion:131 Resp: 52583
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 64.2 31.6 95.0





#67
Ethyl Benzene
Concen: 51.731 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

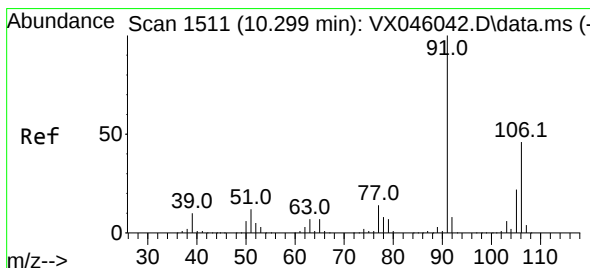
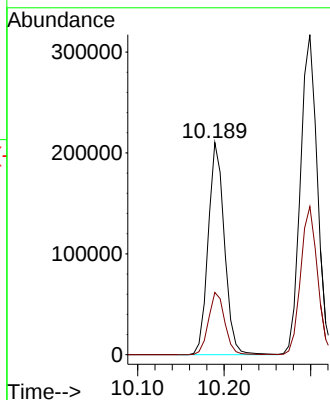
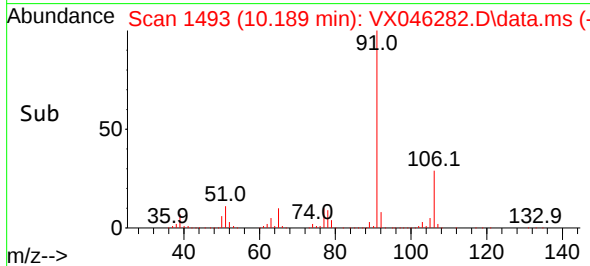
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



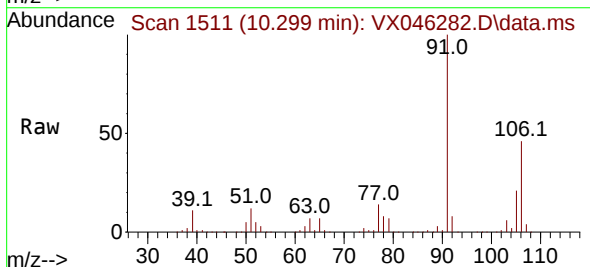
Tgt Ion: 91 Resp: 27353
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

Manual Integrations
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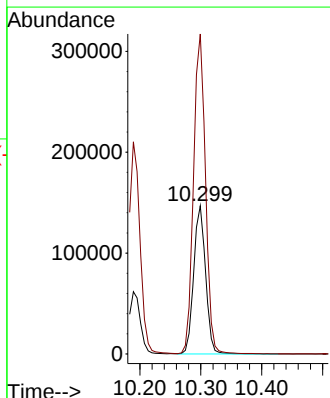
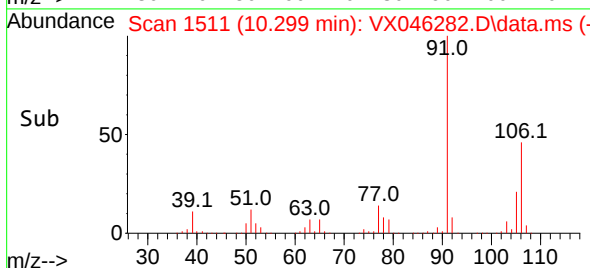
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

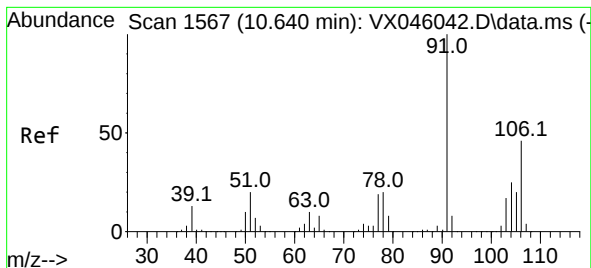


#68
m/p-Xylenes
Concen: 102.807 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



Tgt Ion:106 Resp: 198821
Ion Ratio Lower Upper
106 100
91 217.8 171.2 256.8





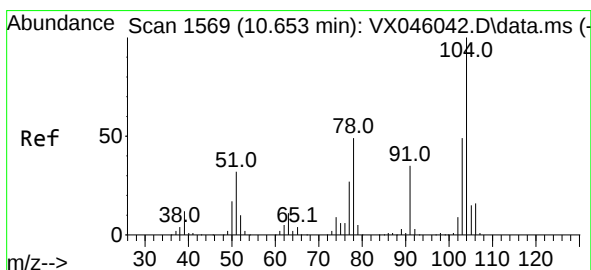
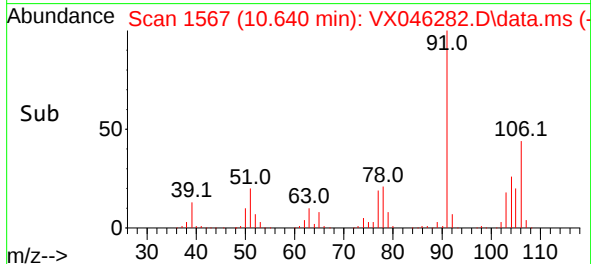
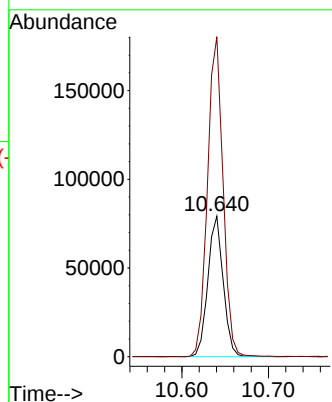
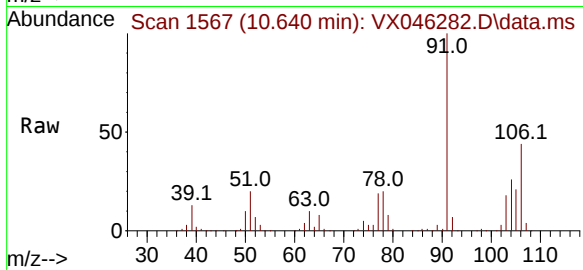
#69
o-Xylene
Concen: 51.665 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 97409
Ion Ratio Lower Upper
106 100
91 231.1 112.7 338.1

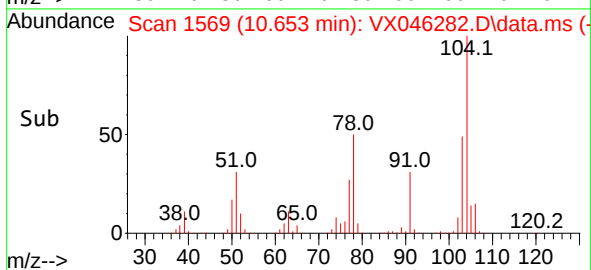
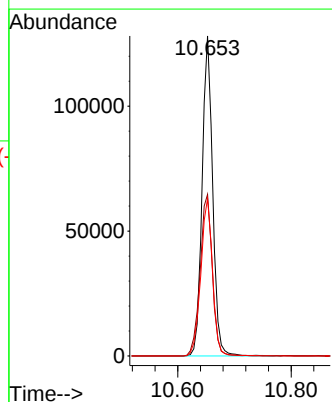
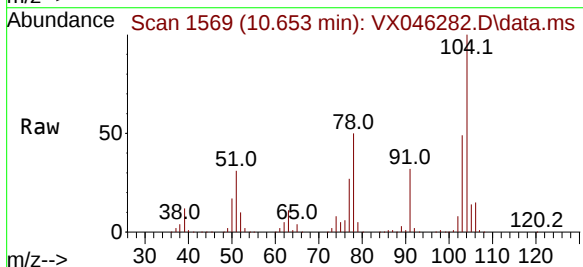
Manual Integrations
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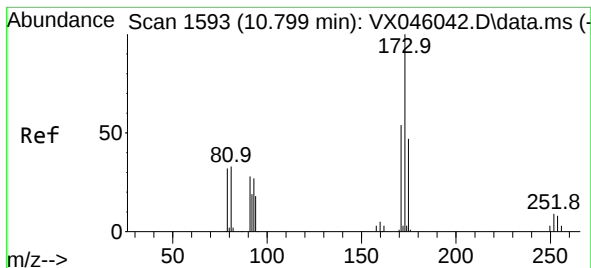
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 53.580 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion:104 Resp: 165482
Ion Ratio Lower Upper
104 100
78 58.1 45.7 68.5
103 54.9 43.7 65.5





#71

Bromoform

Concen: 52.733 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

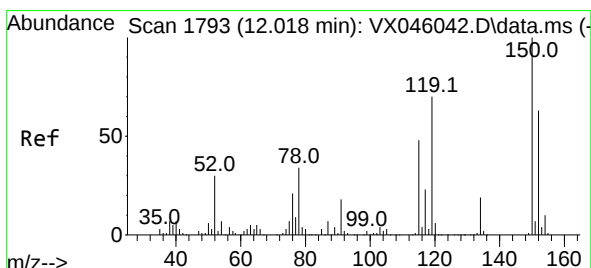
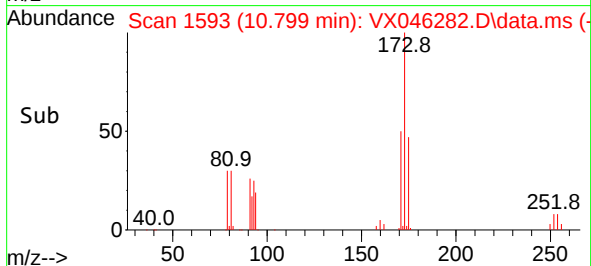
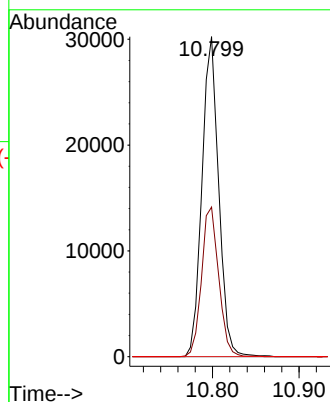
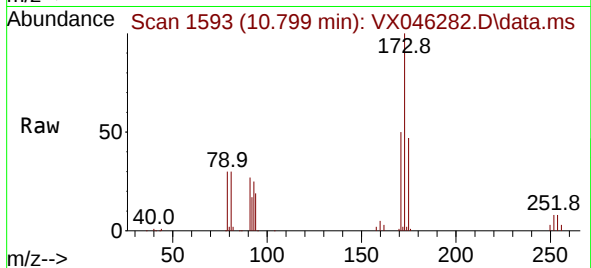
Tgt Ion:173	Resp: 4055
Ion Ratio	Lower Upper
173 100	
175 48.0	23.4 70.0
254 0.0	0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

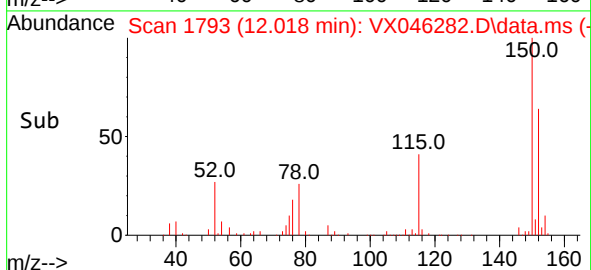
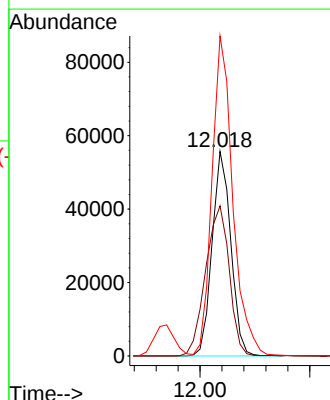
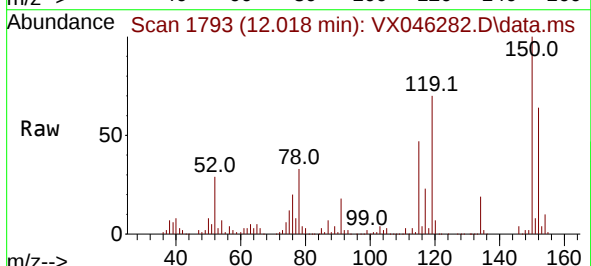
RT: 12.018 min Scan# 1793

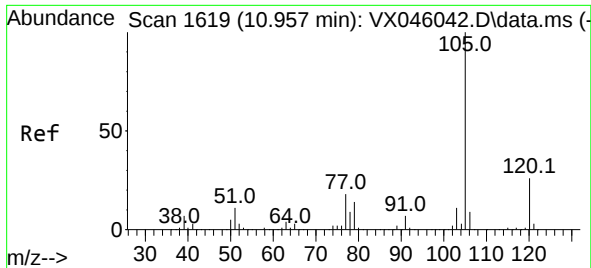
Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

Tgt Ion:152	Resp: 66022
Ion Ratio	Lower Upper
152 100	
115 92.7	46.9 140.7
150 173.6	0.0 351.0





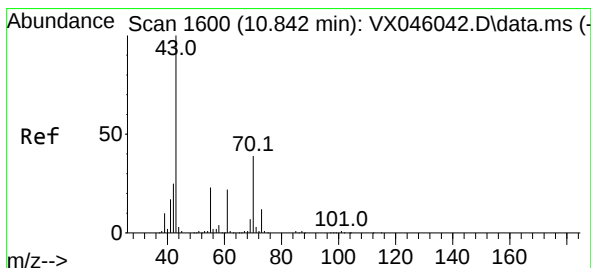
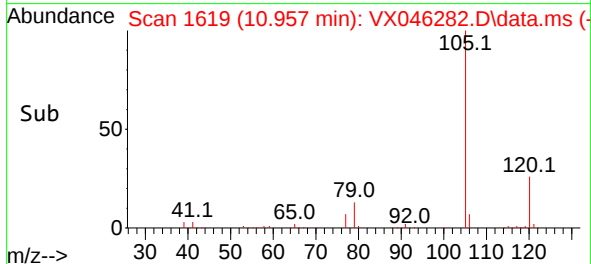
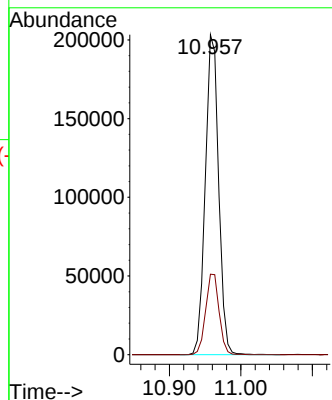
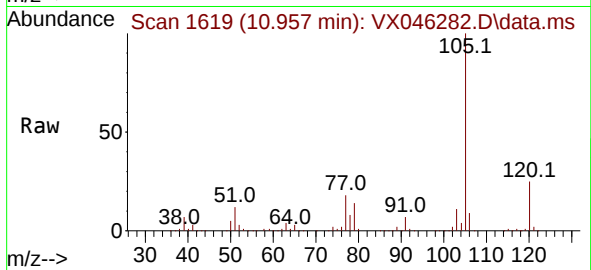
#73
Isopropylbenzene
Concen: 51.215 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 263245
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

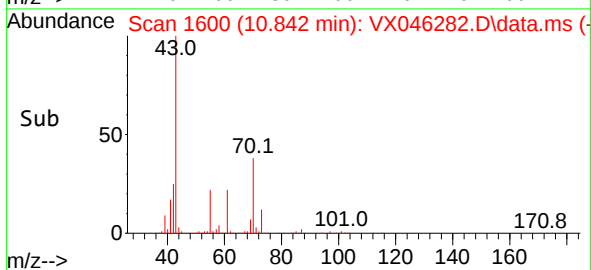
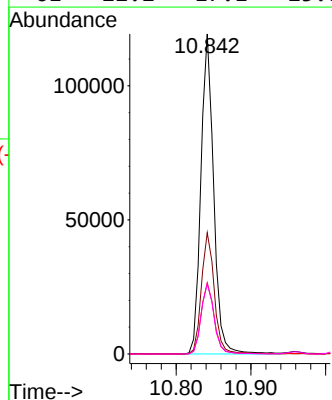
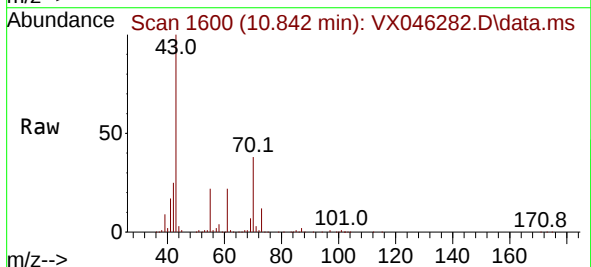
Manual Integrations
APPROVED

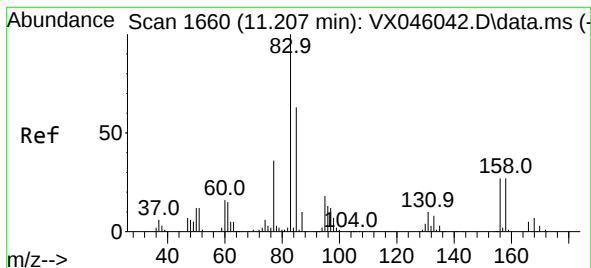
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#74
N-ethyl acetate
Concen: 55.726 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion: 43 Resp: 141538
Ion Ratio Lower Upper
43 100
70 38.4 30.9 46.3
55 22.9 18.7 28.1
61 22.2 17.1 25.7





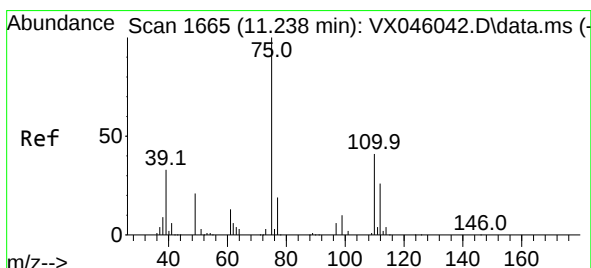
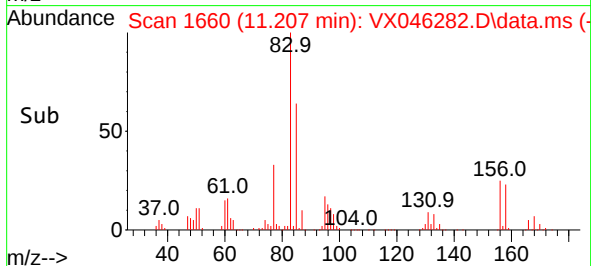
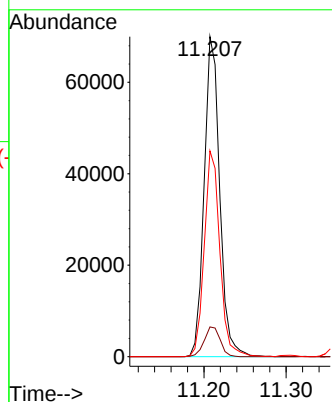
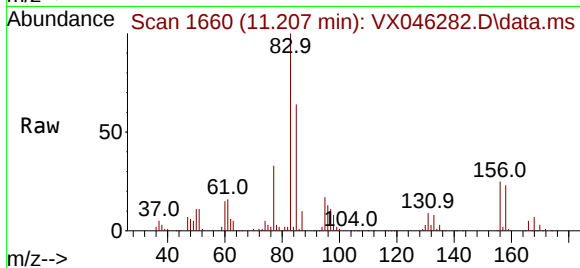
#75
1,1,2,2-Tetrachloroethane
Concen: 51.017 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 91894
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.4 31.9 95.7

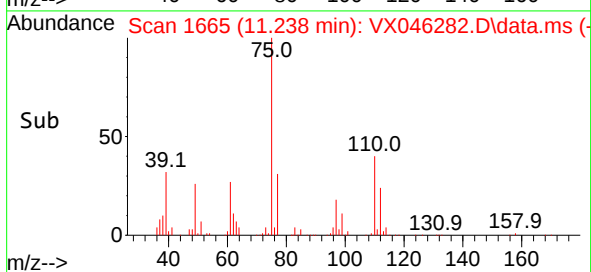
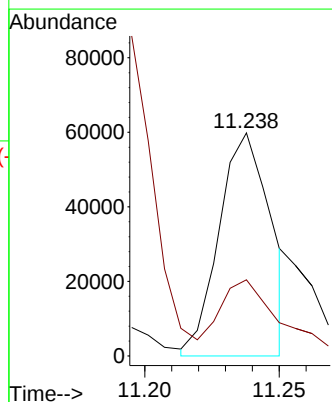
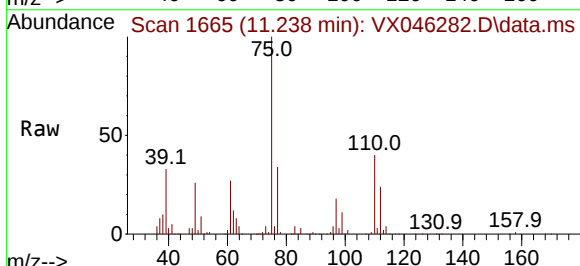
Manual Integrations
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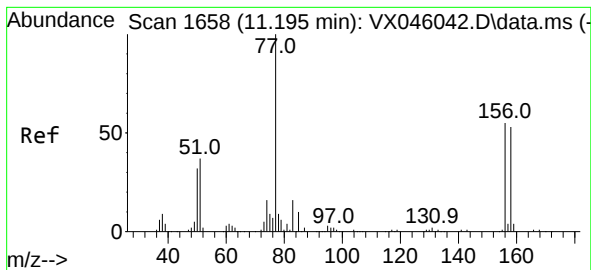
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#76
1,2,3-Trichloropropane
Concen: 50.120 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

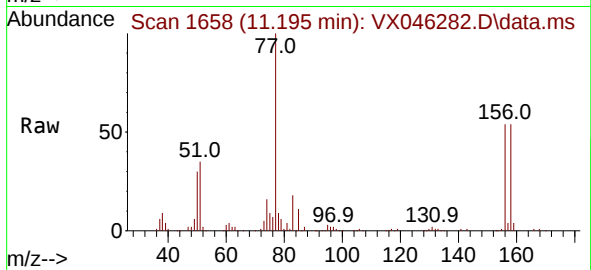
Tgt Ion: 75 Resp: 79650
Ion Ratio Lower Upper
75 100
77 40.6 20.5 61.5





#77
Bromobenzene
Concen: 49.995 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

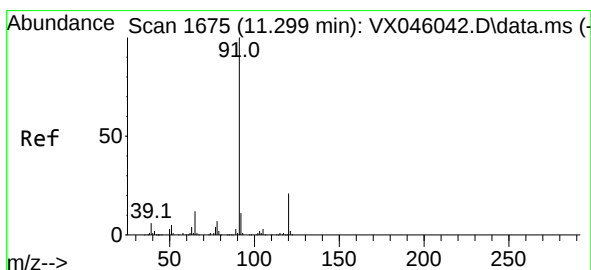
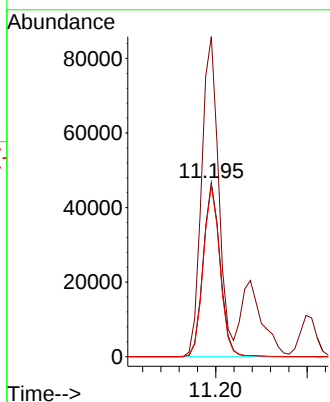
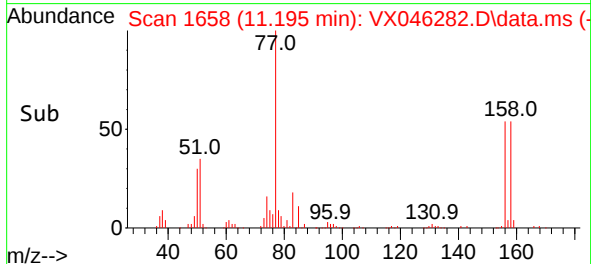
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



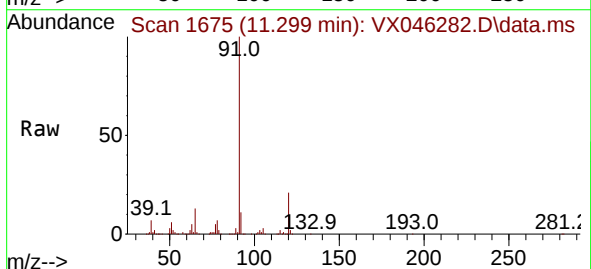
Tgt Ion:156 Resp: 59660
Ion Ratio Lower Upper
156 100
77 186.2 92.8 278.3
158 97.6 48.8 146.3

Manual Integrations
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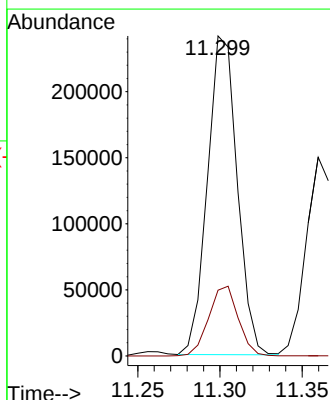
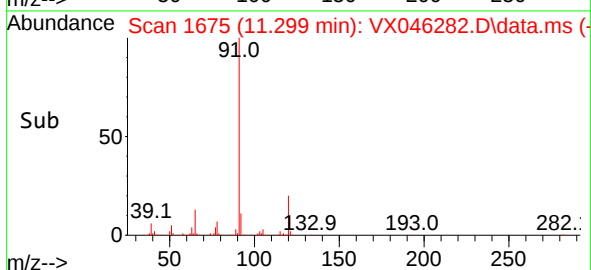
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#78
n-propylbenzene
Concen: 50.768 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



Tgt Ion: 91 Resp: 303414
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





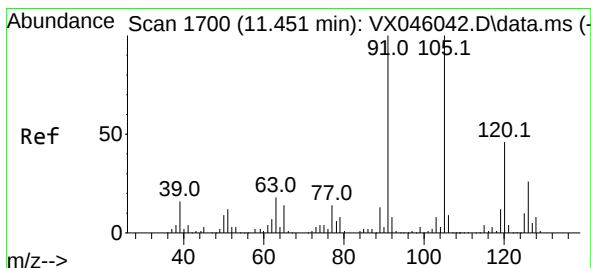
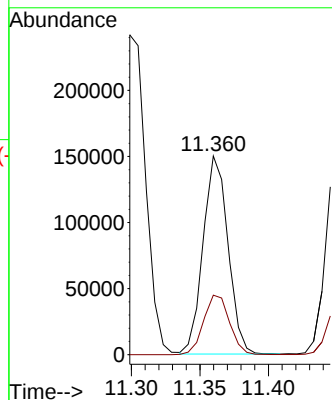
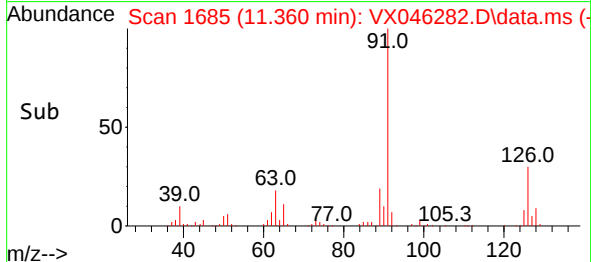
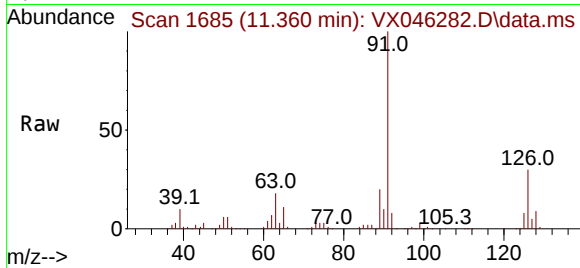
#79
2-Chlorotoluene
Concen: 49.189 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 189619
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.7

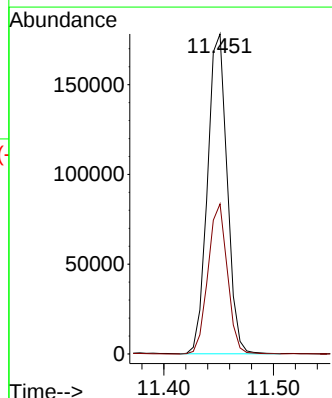
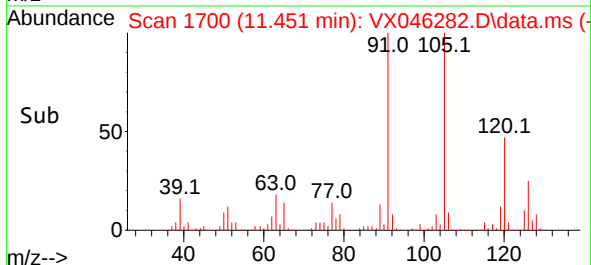
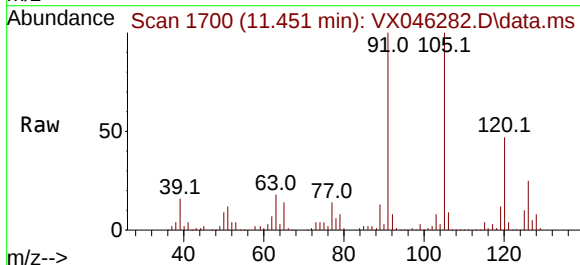
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

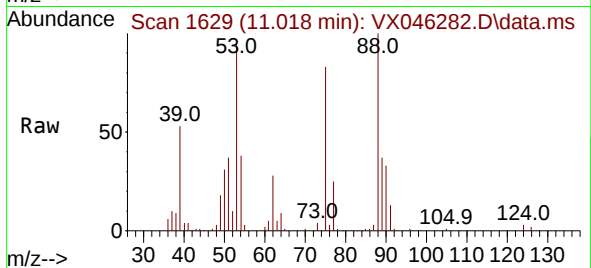
Tgt Ion:105 Resp: 221841
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.655 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

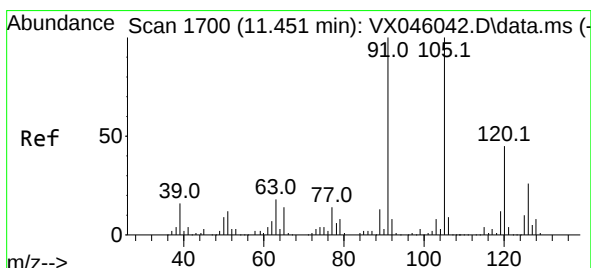
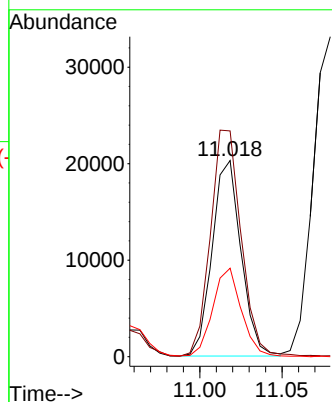
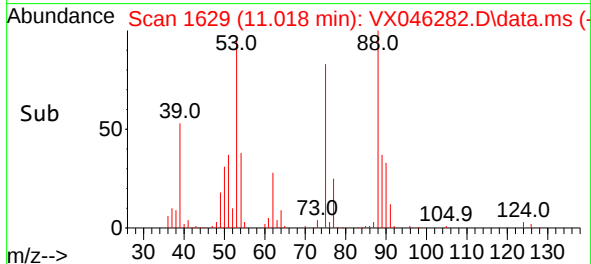
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24720
Ion Ratio Lower Upper
75 100
53 124.5 100.5 150.7
89 45.3 37.0 55.6

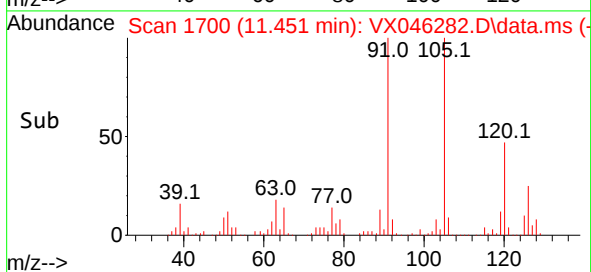
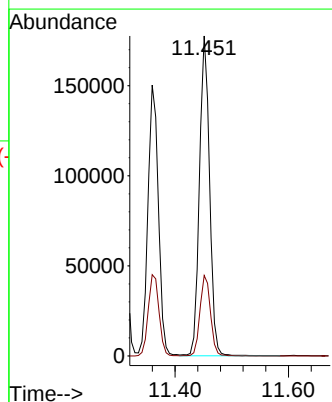
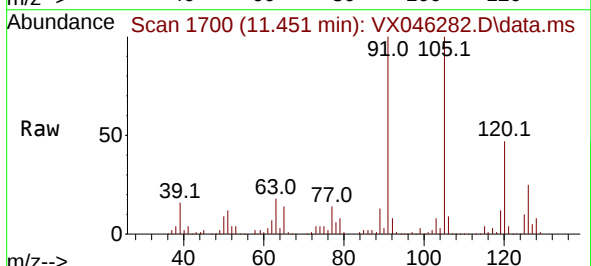
Manual Integrations
APPROVED

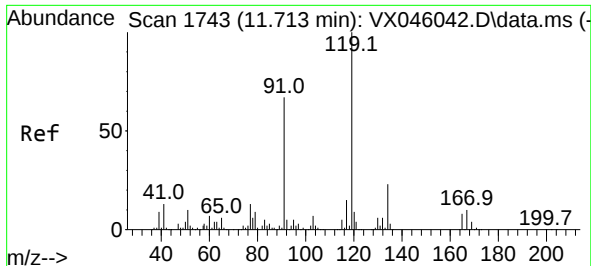
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#82
4-Chlorotoluene
Concen: 51.410 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

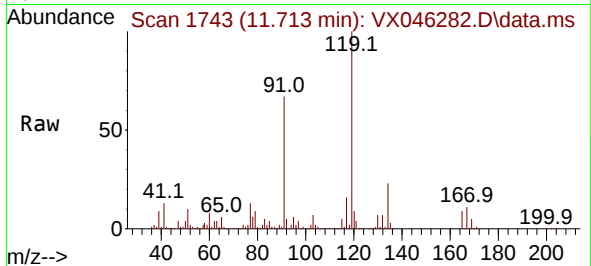
Tgt Ion: 91 Resp: 219772
Ion Ratio Lower Upper
91 100
126 26.2 13.3 39.8





#83
tert-Butylbenzene
Concen: 50.963 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

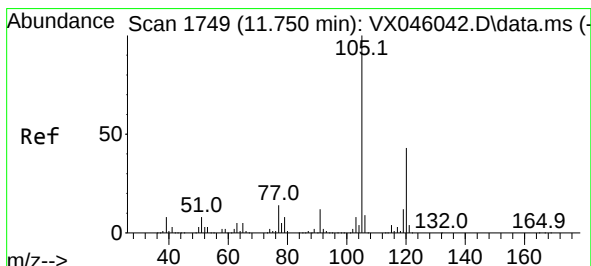
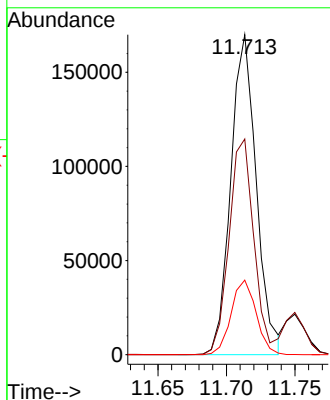
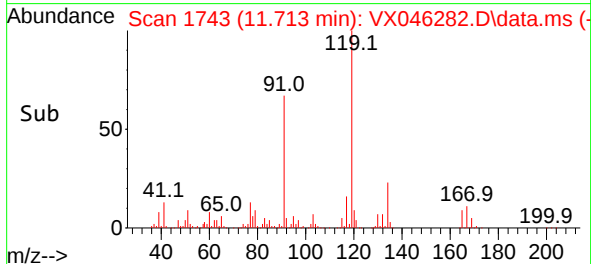
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



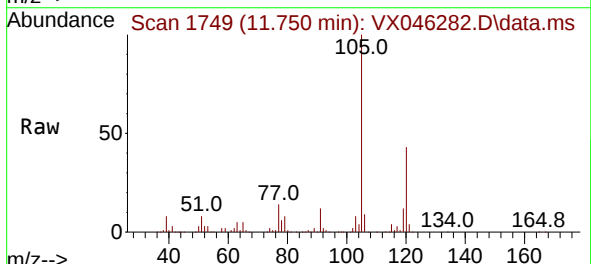
Tgt Ion:119 Resp: 220434
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.7
134 22.9 11.4 34.1

Manual Integrations
APPROVED

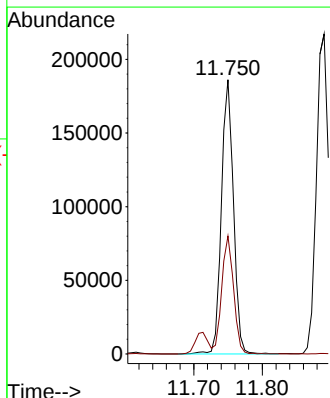
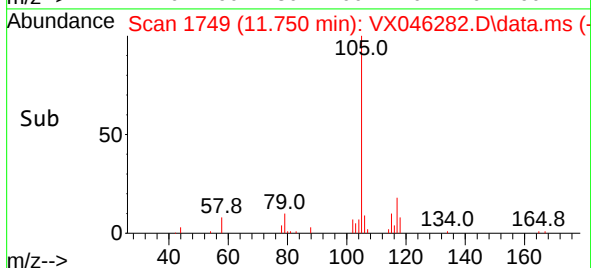
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

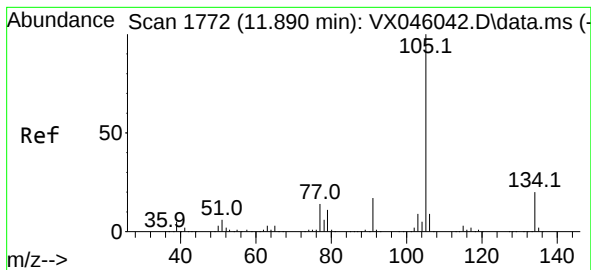


#84
1,2,4-Trimethylbenzene
Concen: 52.001 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



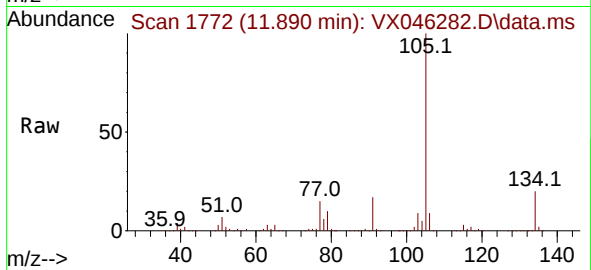
Tgt Ion:105 Resp: 226128
Ion Ratio Lower Upper
105 100
120 42.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.592 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52

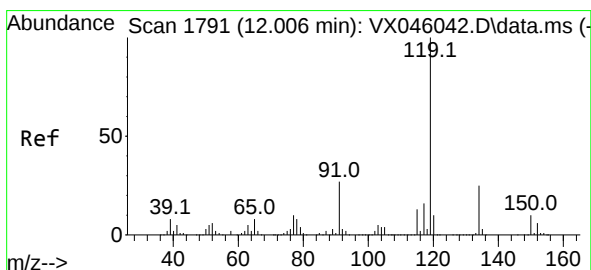
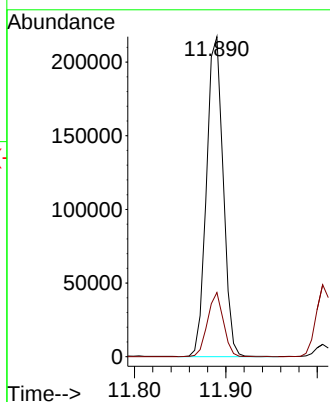
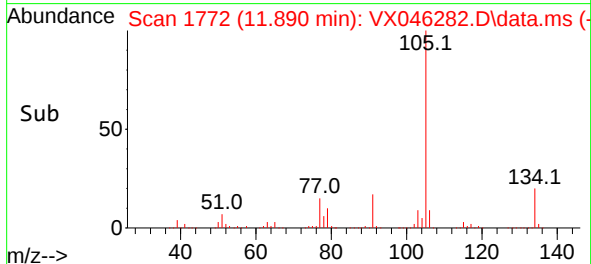
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



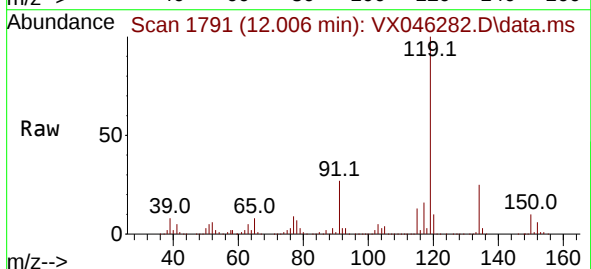
Tgt Ion:105 Resp: 273998
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

Manual Integrations
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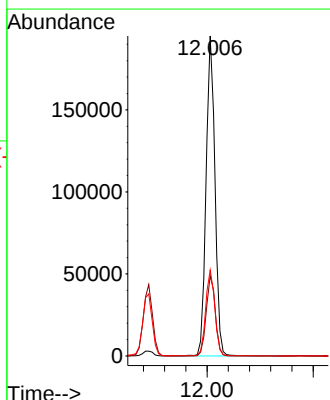
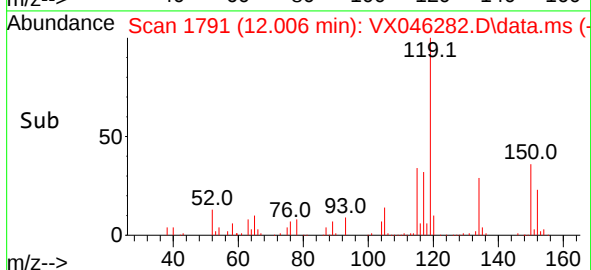
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#86
 p-Isopropyltoluene
 Concen: 51.444 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046282.D
 Acq: 19 May 2025 20:52



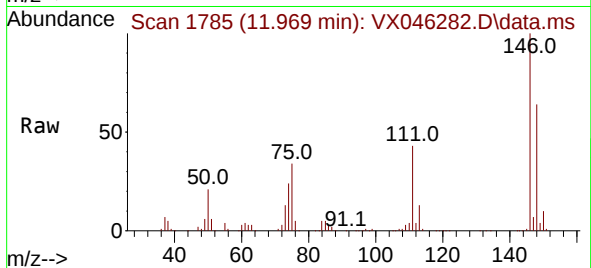
Tgt Ion:119 Resp: 225516
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 27.4 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 50.178 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

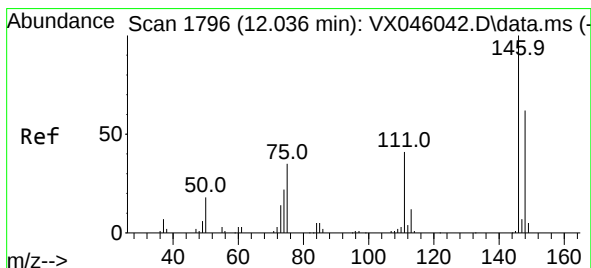
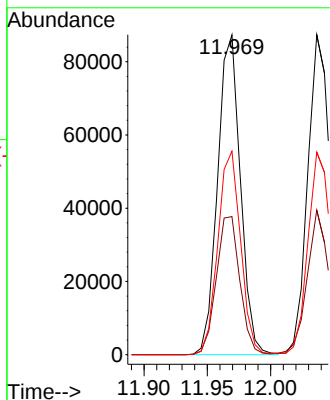
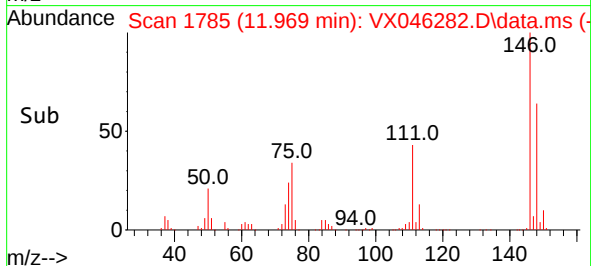
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



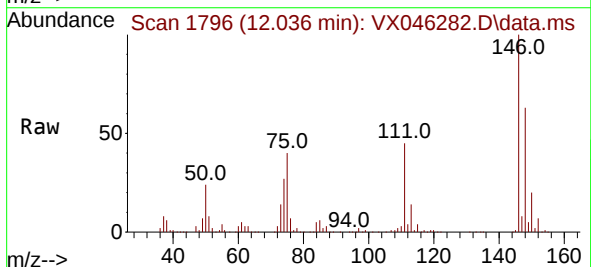
Tgt Ion:146 Resp: 10928
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 63.5 32.1 96.5

Manual Integrations
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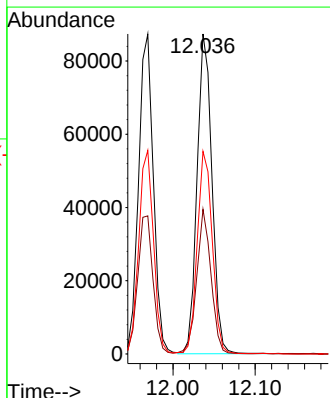
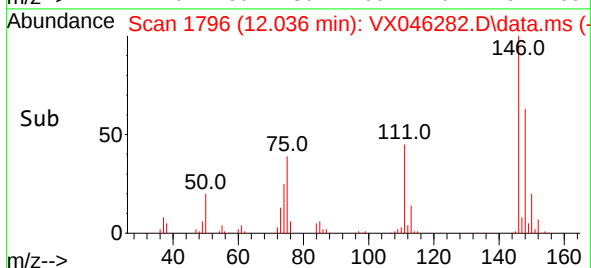
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#88
1,4-Dichlorobenzene
Concen: 49.354 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



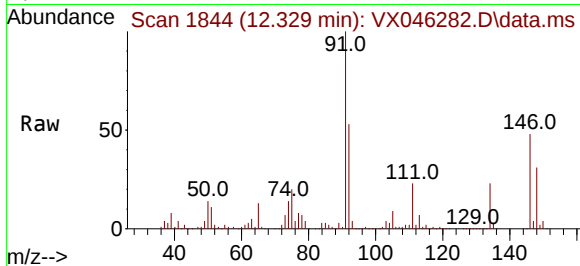
Tgt Ion:146 Resp: 109771
Ion Ratio Lower Upper
146 100
111 43.4 21.3 63.9
148 64.3 31.9 95.5





#89
n-Butylbenzene
Concen: 52.011 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

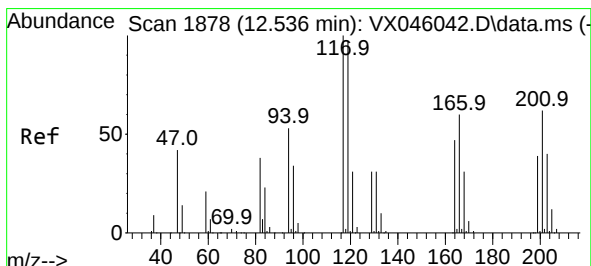
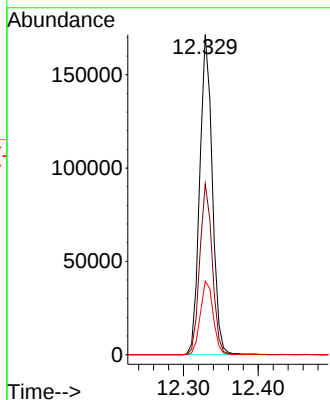
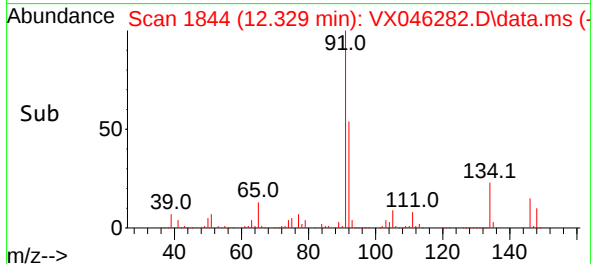
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 199999
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 23.6 11.8 35.3

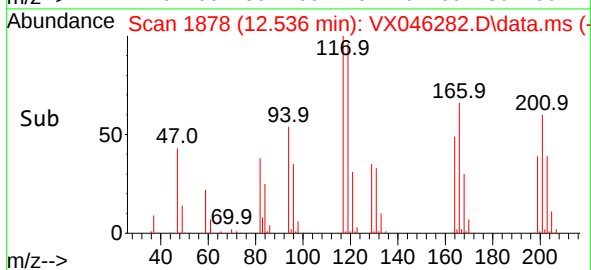
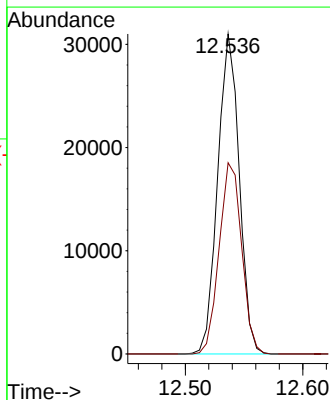
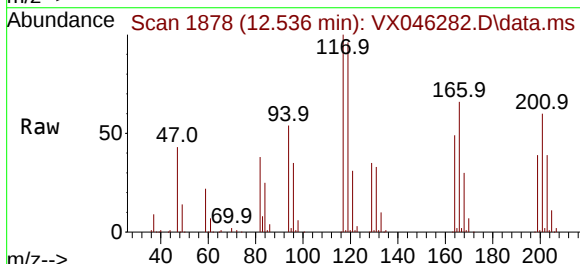
Manual Integrations
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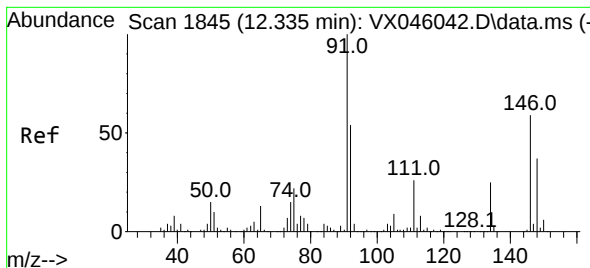
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#90
Hexachloroethane
Concen: 51.165 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

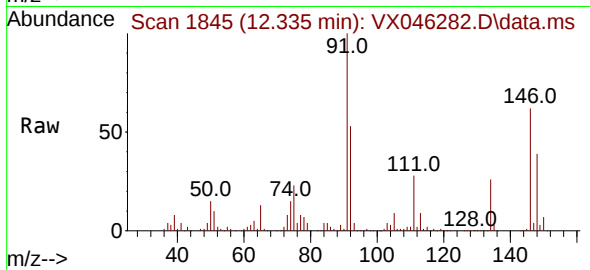
Tgt Ion:117 Resp: 39515
Ion Ratio Lower Upper
117 100
201 62.5 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 51.029 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

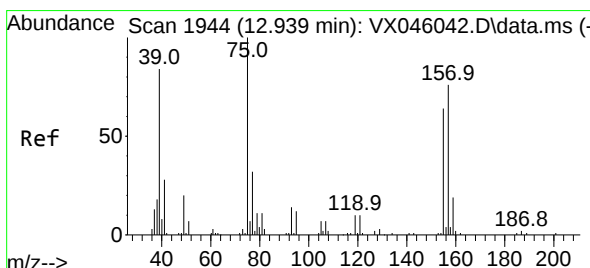
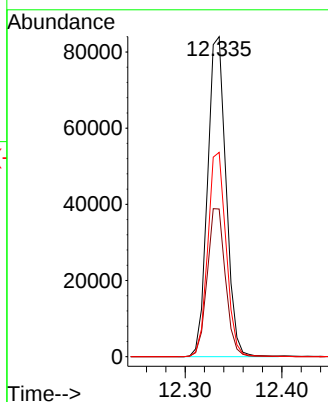
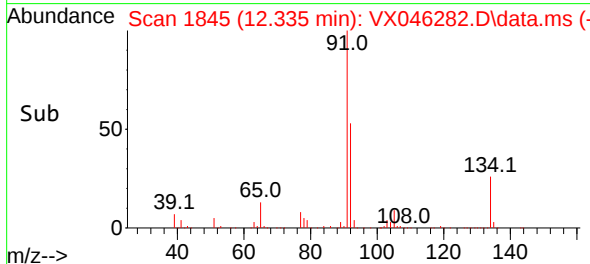
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



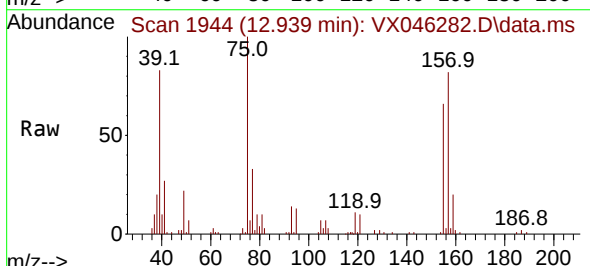
Tgt Ion:146 Resp: 11152
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.3
148 63.3 31.6 94.8

Manual Integrations
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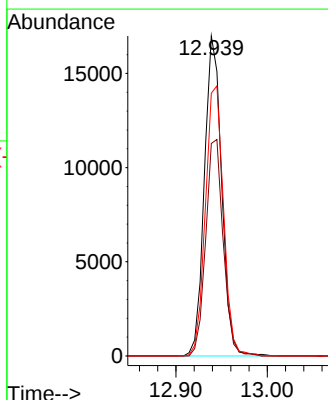
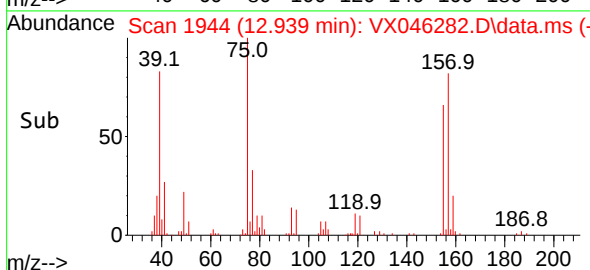
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

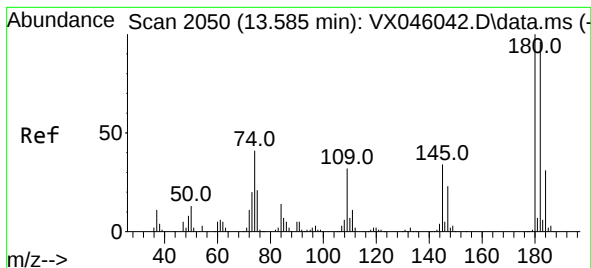


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.705 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52



Tgt Ion: 75 Resp: 22228
Ion Ratio Lower Upper
75 100
155 68.7 34.9 104.8
157 88.3 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 51.108 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

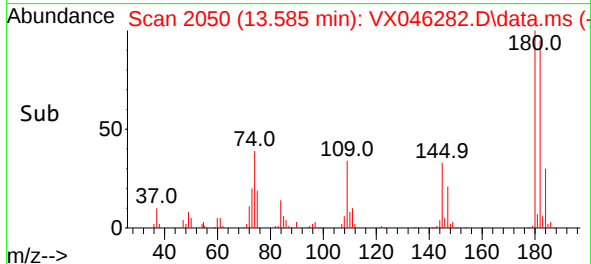
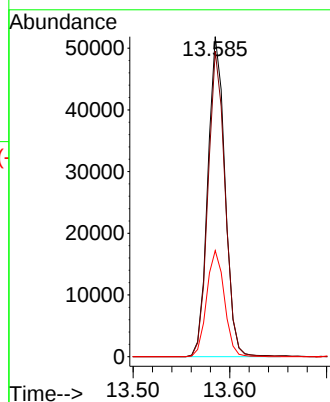
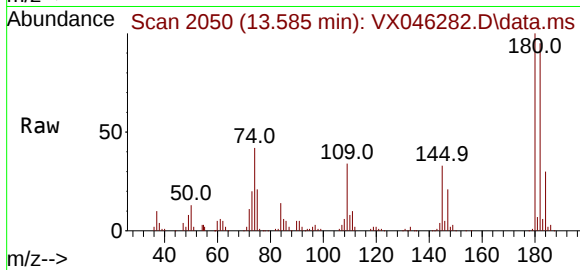
Tgt Ion:180	Resp: 6415
Ion Ratio	Lower Upper
180 100	
182 95.0	47.9 143.8
145 34.1	17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#94

Hexachlorobutadiene

Concen: 49.793 ug/l

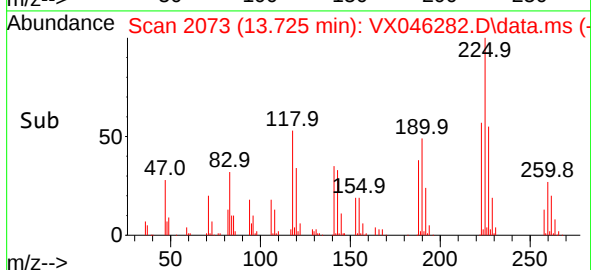
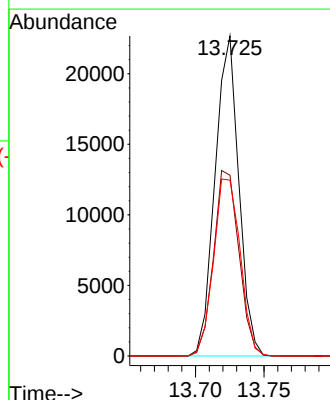
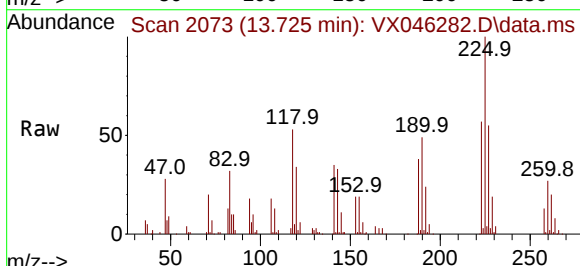
RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX046282.D

Acq: 19 May 2025 20:52

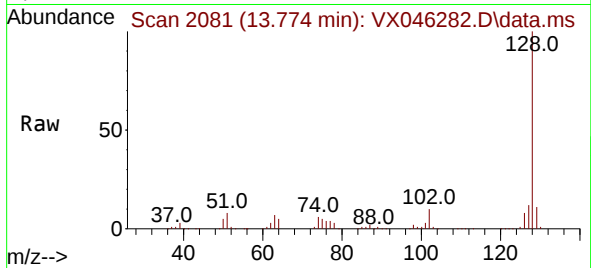
Tgt Ion:225	Resp: 27297
Ion Ratio	Lower Upper
225 100	
223 62.0	30.8 92.4
227 62.1	30.9 92.7





#95
Naphthalene
Concen: 53.080 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

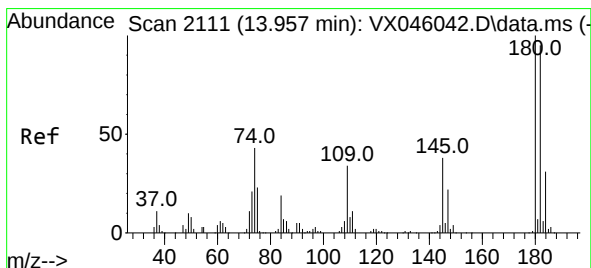
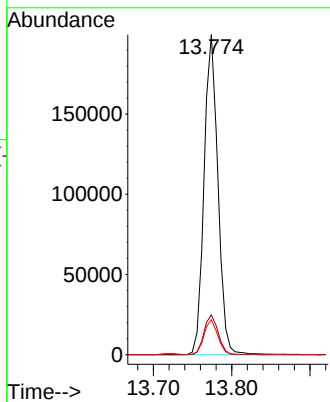
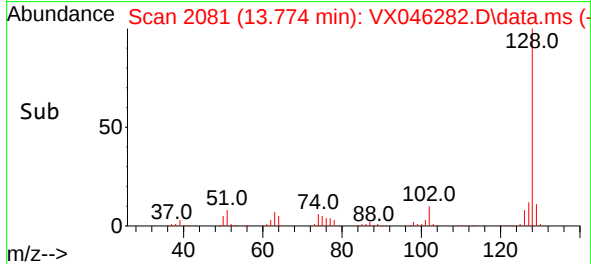
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 244370
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
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#96
1,2,3-Trichlorobenzene
Concen: 50.768 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046282.D
Acq: 19 May 2025 20:52

Tgt Ion:180 Resp: 65754
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 36.4 18.1 54.3

