

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038913.D
 Acq On : 16 Jul 2025 17:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 17 06:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	403474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	663961	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	650524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	403239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	232448	47.152	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.300%
35) Dibromofluoromethane	4.503	113	216166	47.752	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.500%
50) Toluene-d8	7.236	98	631461	46.148	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.300%
62) 4-Bromofluorobenzene	10.001	95	293790	53.298	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	143703	40.535	ug/l	100
3) Chloromethane	1.230	50	140792	36.777	ug/l	100
4) Vinyl Chloride	1.294	62	179825	41.041	ug/l	100
5) Bromomethane	1.487	94	135492	41.241	ug/l	97
6) Chloroethane	1.555	64	129760	44.307	ug/l	98
7) Trichlorofluoromethane	1.722	101	356667	46.006	ug/l	100
8) Diethyl Ether	1.918	74	137031	49.151	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	220136	47.488	ug/l	99
10) Methyl Iodide	2.195	142	254286	47.780	ug/l	99
11) Tert butyl alcohol	2.571	59	341033	300.481	ug/l	99
12) 1,1-Dichloroethene	2.082	96	184630	43.711	ug/l	99
13) Acrolein	2.011	56	41947	255.572	ug/l	99
14) Allyl chloride	2.359	41	334127	49.653	ug/l	97
15) Acrylonitrile	2.674	53	807381	277.989	ug/l	99
16) Acetone	2.117	43	657227	308.093	ug/l	99
17) Carbon Disulfide	2.249	76	285835	32.434	ug/l	99
18) Methyl Acetate	2.378	43	473076	65.546	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	841748	53.151	ug/l	99
20) Methylene Chloride	2.455	84	241646	44.652	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	196275	43.673	ug/l	97
22) Diisopropyl ether	3.217	45	761867	56.662	ug/l	94
23) Vinyl Acetate	3.188	43	2861172	271.384	ug/l	99
24) 1,1-Dichloroethane	3.117	63	447302	50.797	ug/l	99
25) 2-Butanone	3.866	43	963549	315.136	ug/l	99
26) 2,2-Dichloropropane	3.812	77	357451	46.364	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	261679	50.707	ug/l	99
28) Bromochloromethane	4.149	49	197244	57.870	ug/l	99
29) Tetrahydrofuran	4.239	42	614979	305.174	ug/l	97
30) Chloroform	4.278	83	499972	51.500	ug/l	100
31) Cyclohexane	4.584	56	253197	43.807	ug/l	95
32) 1,1,1-Trichloroethane	4.516	97	425178	50.195	ug/l	99
36) 1,1-Dichloropropene	4.744	75	252082	48.454	ug/l	99
37) Ethyl Acetate	3.979	43	348380	56.874	ug/l	99
38) Carbon Tetrachloride	4.735	117	328677	47.561	ug/l	97
39) Methylcyclohexane	6.050	83	272365	44.369	ug/l	98
40) Benzene	5.008	78	879254	49.854	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	170136	60.520	ug/l	99
42) 1,2-Dichloroethane	5.040	62	342193	50.903	ug/l	100
43) Isopropyl Acetate	5.194	43	532689	54.987	ug/l	99
44) Trichloroethene	5.831	130	213981	46.431	ug/l	98
45) 1,2-Dichloropropane	6.091	63	251145	53.908	ug/l	99
46) Dibromomethane	6.227	93	182885	50.736	ug/l	99
47) Bromodichloromethane	6.426	83	408338	53.377	ug/l	100
48) Methyl methacrylate	6.297	41	254388	60.507	ug/l	99
49) 1,4-Dioxane	6.291	88	109376	1207.453	ug/l	100
51) 4-Methyl-2-Pentanone	7.149	43	2040967	309.406	ug/l	100
52) Toluene	7.310	92	586390	52.779	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	373425	53.947	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	393872	52.637	ug/l	99
55) 1,1,2-Trichloroethane	7.763	97	286873	54.019	ug/l	99
56) Ethyl methacrylate	7.715	69	397908	63.053	ug/l	99
57) 1,3-Dichloropropane	7.934	76	439250	55.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	1244530	326.785	ug/l	99
59) 2-Hexanone	8.066	43	1528648	311.308	ug/l	100
60) Dibromochloromethane	8.169	129	336464	53.801	ug/l	98
61) 1,2-Dibromoethane	8.275	107	280752	52.476	ug/l	97
64) Tetrachloroethene	7.899	164	192312	45.076	ug/l	95
65) Chlorobenzene	8.805	112	701902	49.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	283607	50.032	ug/l	100
67) Ethyl Benzene	8.937	91	1146358	54.314	ug/l	100
68) m/p-Xylenes	9.062	106	914505	111.289	ug/l	99
69) o-Xylene	9.471	106	435769	56.185	ug/l	97
70) Styrene	9.487	104	813633	59.355	ug/l	99
71) Bromoform	9.654	173	243308	52.806	ug/l #	98
73) Isopropylbenzene	9.857	105	1262922	52.416	ug/l	99
74) N-amyl acetate	9.725	43	488849	55.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	498231	49.369	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	368887	49.203	ug/l	81
77) Bromobenzene	10.143	156	306765	48.536	ug/l	99
78) n-propylbenzene	10.278	91	1492678	53.007	ug/l	100
79) 2-Chlorotoluene	10.349	91	903760	50.465	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1085695	53.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	157880	51.389	ug/l	94
82) 4-Chlorotoluene	10.464	91	1069070	53.403	ug/l	99
83) tert-Butylbenzene	10.789	119	1116444	52.409	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1095692	54.804	ug/l	99
85) sec-Butylbenzene	11.014	105	1454035	53.479	ug/l	100
86) p-Isopropyltoluene	11.168	119	1229571	53.266	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	625804	48.509	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	644467	45.924	ug/l	99
89) n-Butylbenzene	11.580	91	1153906	54.757	ug/l	99
90) Hexachloroethane	11.821	117	260148	47.383	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	611552	48.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	112194	49.171	ug/l	95
93) 1,2,4-Trichlorobenzene	13.184	180	394958	53.427	ug/l	99
94) Hexachlorobutadiene	13.371	225	183839	48.291	ug/l	99
95) Naphthalene	13.426	128	1444849	59.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	417730	54.517	ug/l	99

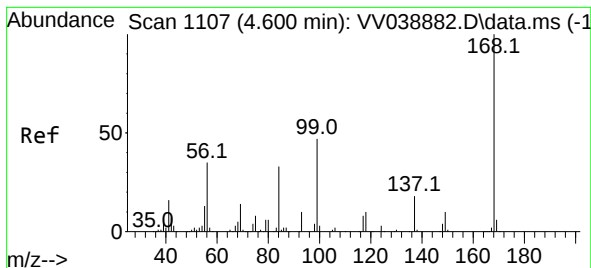
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

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: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

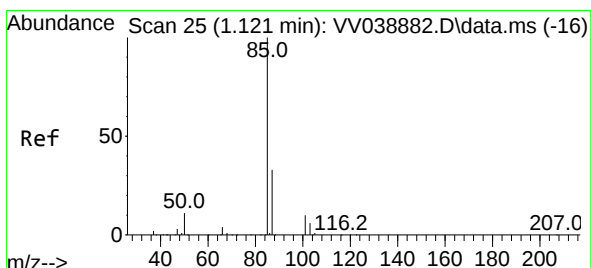
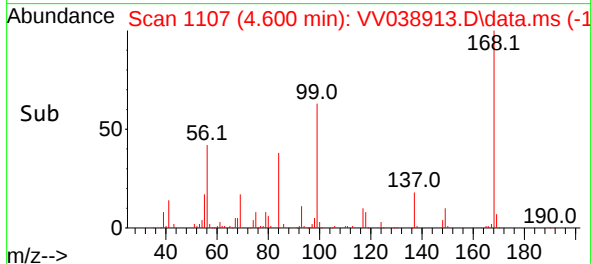
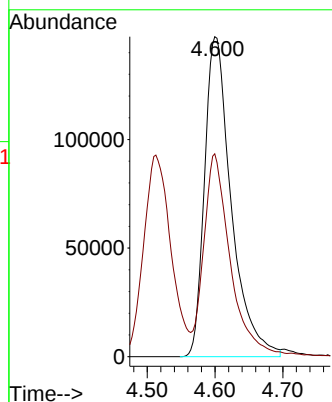
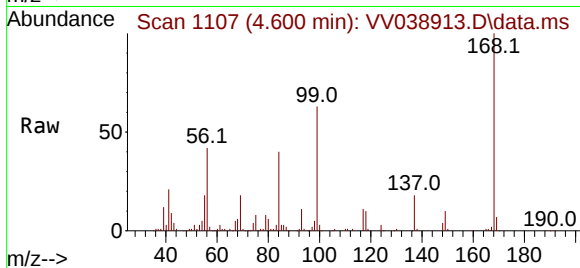
VSTDCCC050EC

Tgt Ion:168 Resp: 403474

Ion Ratio Lower Upper

168 100

99 61.9 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 40.535 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038913.D

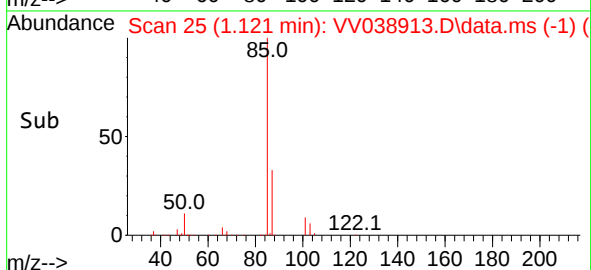
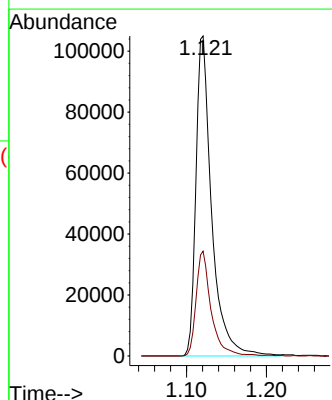
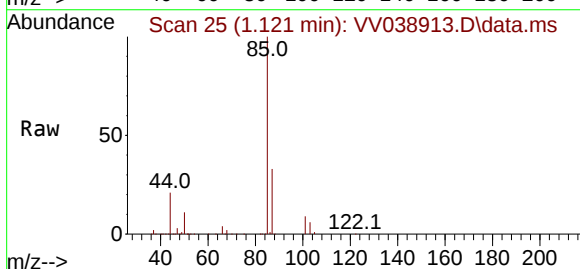
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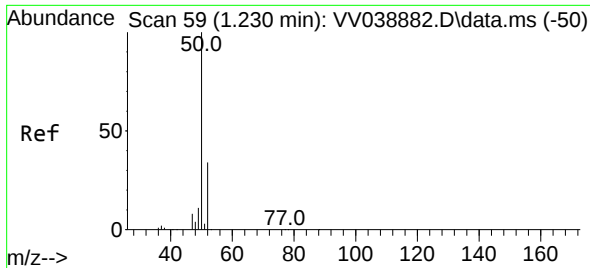
Tgt Ion: 85 Resp: 143703

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8

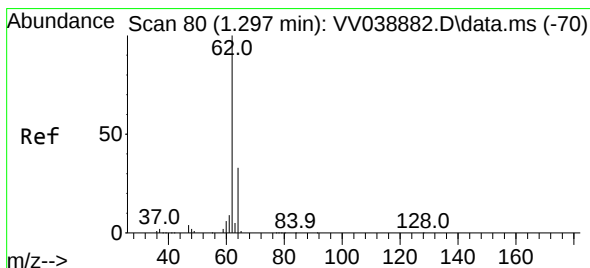
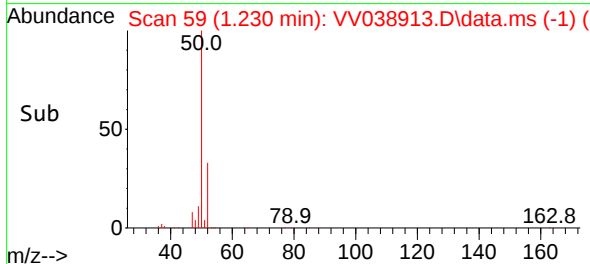
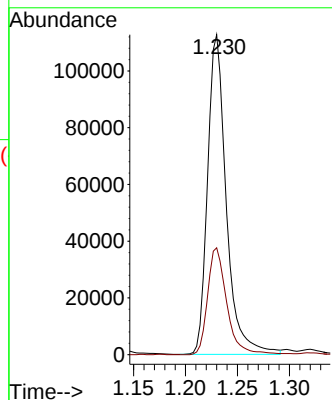
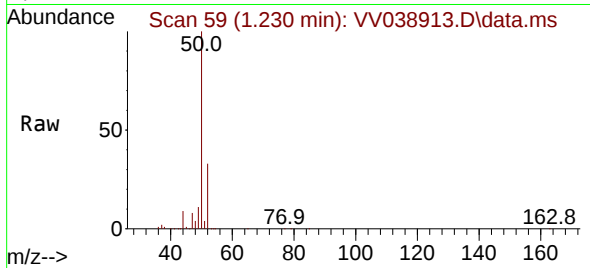




#3
Chloromethane
Concen: 36.777 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

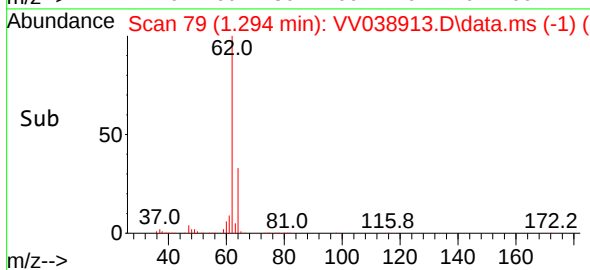
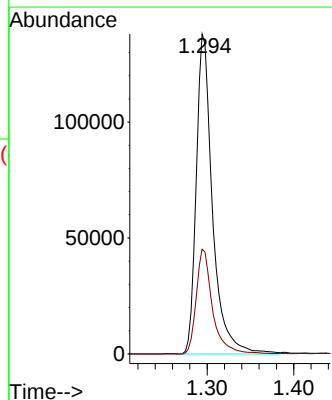
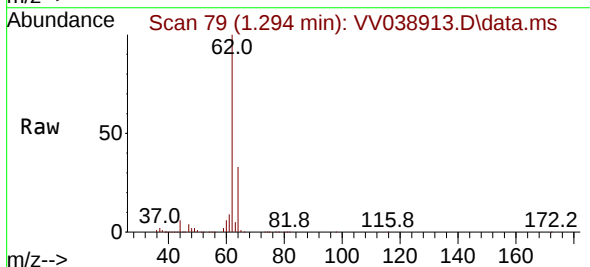
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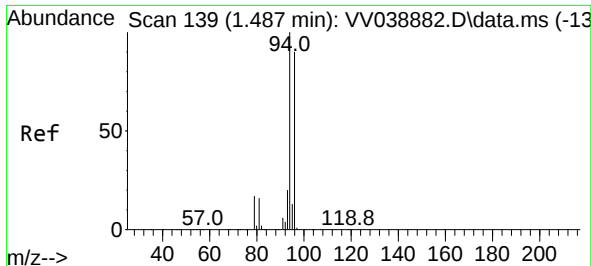
Tgt Ion: 50 Resp: 140792
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3



#4
Vinyl Chloride
Concen: 41.041 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 62 Resp: 179825
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

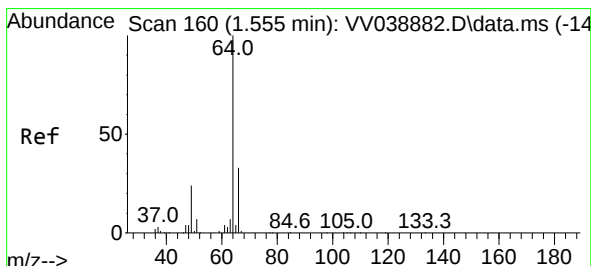
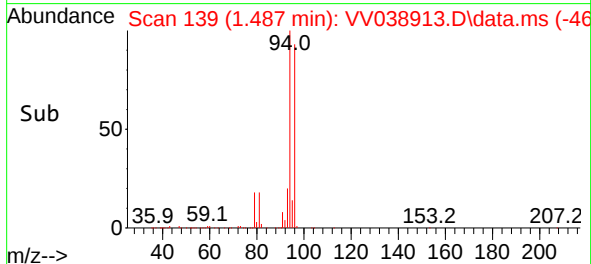
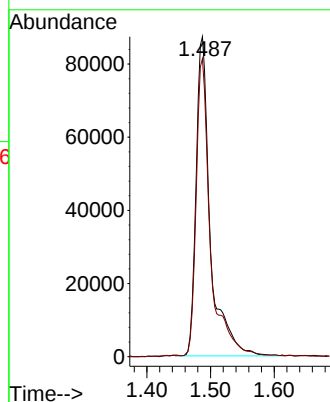
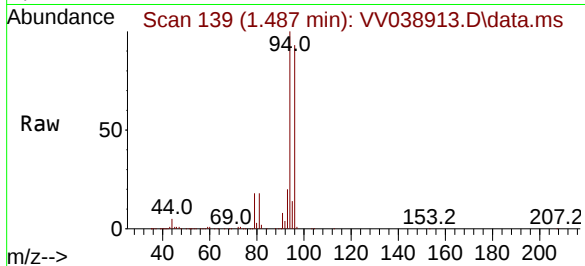




#5
Bromomethane
Concen: 41.241 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

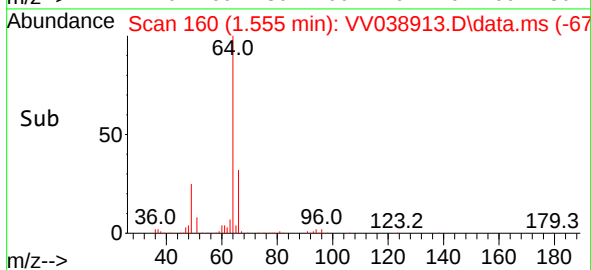
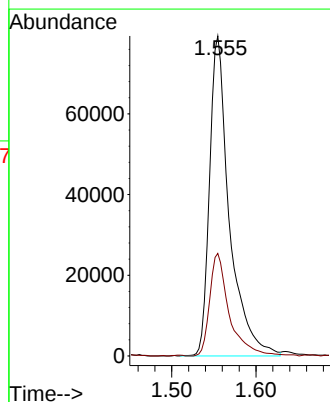
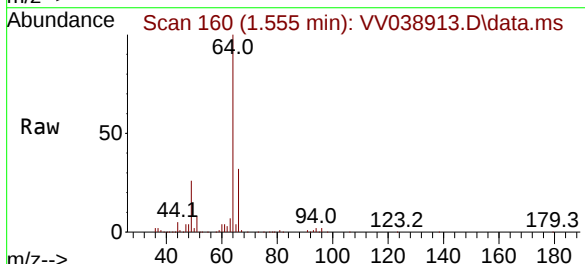
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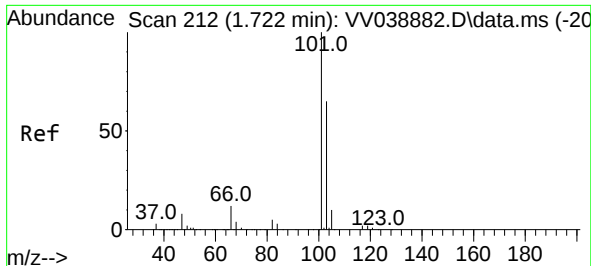
Tgt Ion: 94 Resp: 135492
Ion Ratio Lower Upper
94 100
96 93.0 71.9 107.9



#6
Chloroethane
Concen: 44.307 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 64 Resp: 129760
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.2

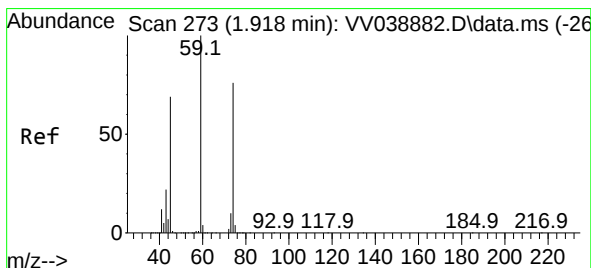
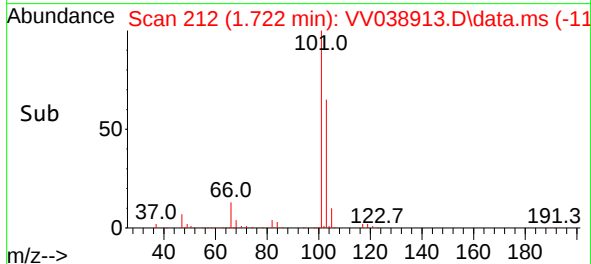
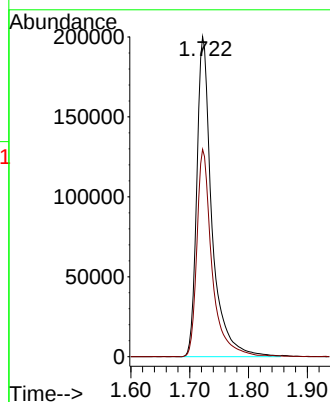
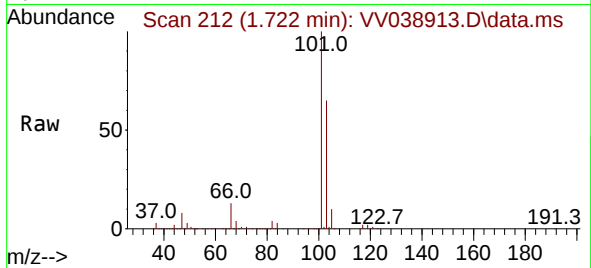




#7
 Trichlorofluoromethane
 Concen: 46.006 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

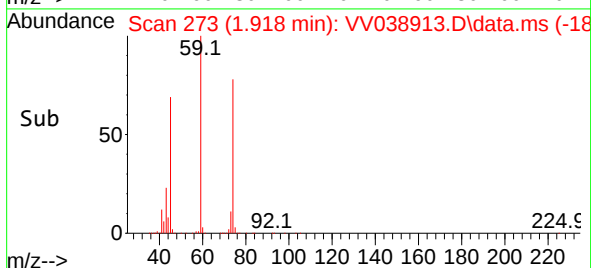
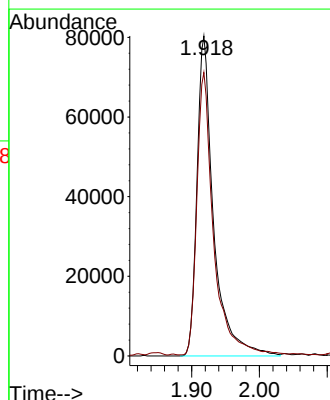
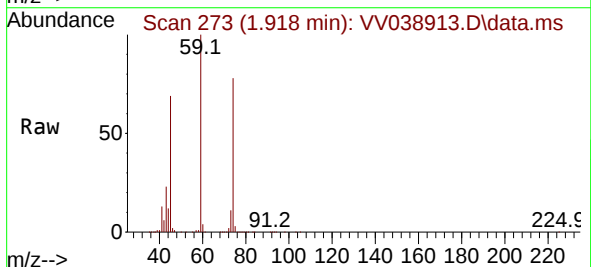
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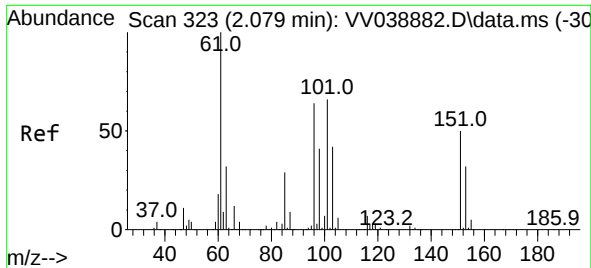
Tgt Ion:101 Resp: 356667
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6



#8
 Diethyl Ether
 Concen: 49.151 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion: 74 Resp: 137031
 Ion Ratio Lower Upper
 74 100
 45 88.7 45.5 136.5

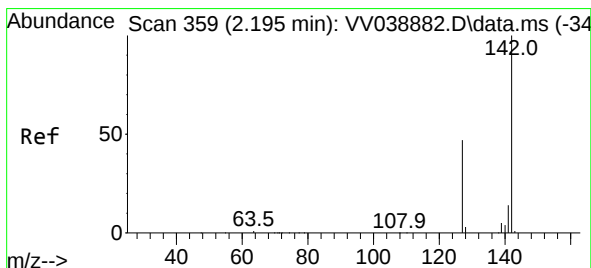
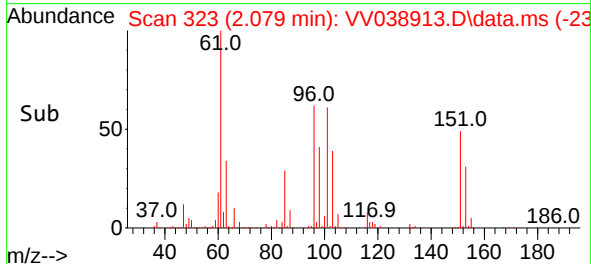
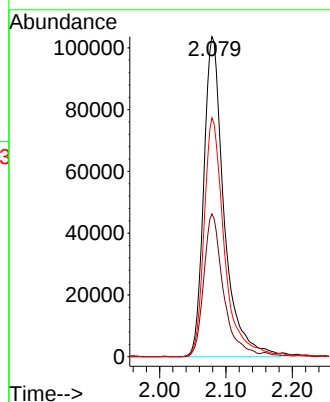
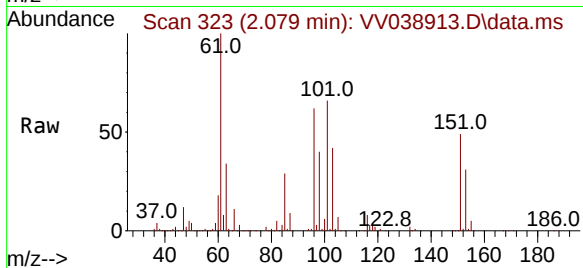




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.488 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038913.D
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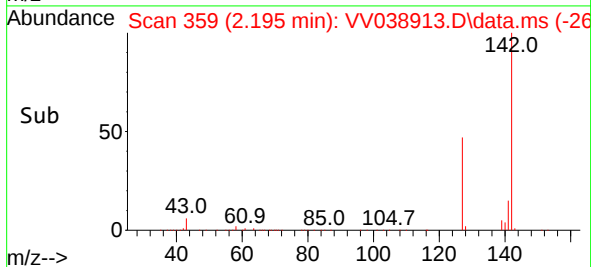
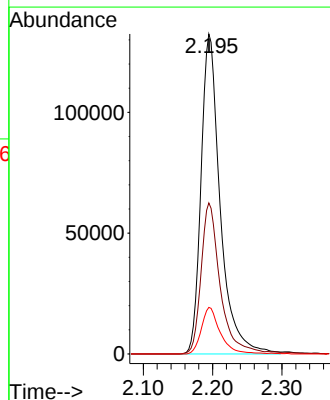
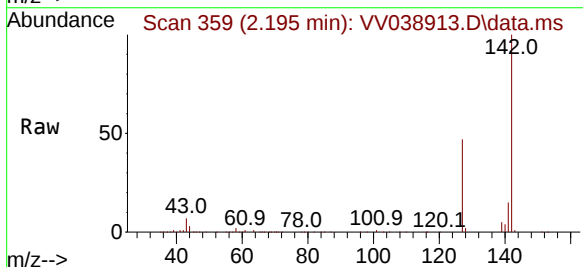
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

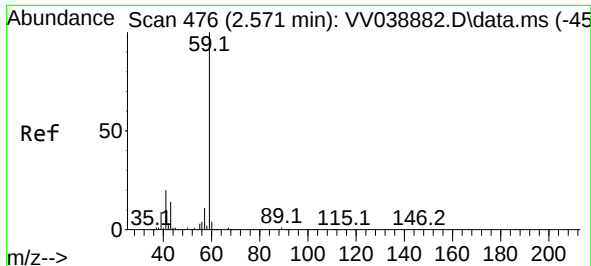
Tgt Ion:101 Resp: 220136
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.6
151 74.2 60.1 90.1



#10
Methyl Iodide
Concen: 47.780 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion:142 Resp: 254286
Ion Ratio Lower Upper
142 100
127 47.4 37.3 55.9
141 14.3 11.2 16.8

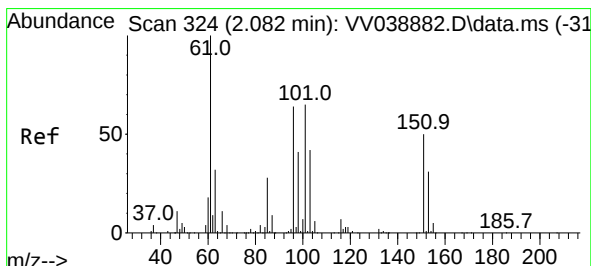
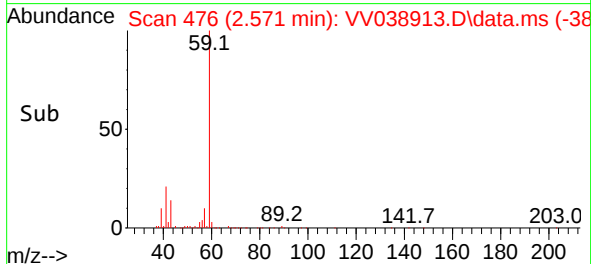
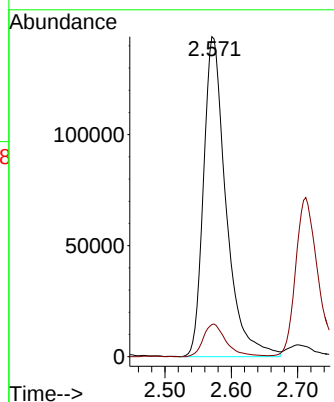
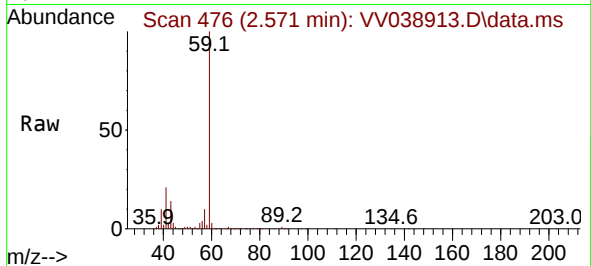




#11
Tert butyl alcohol
Concen: 300.481 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

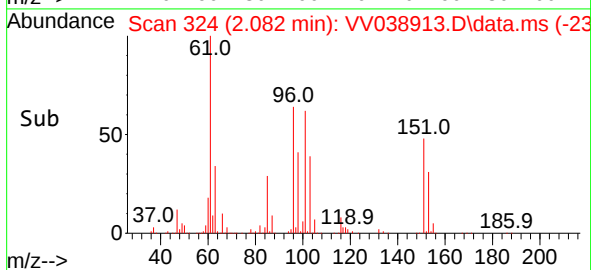
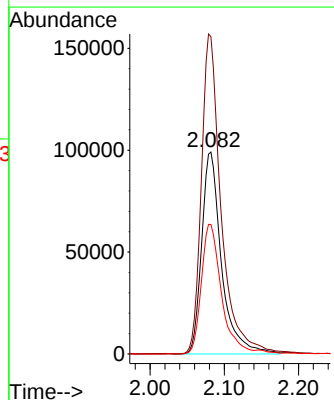
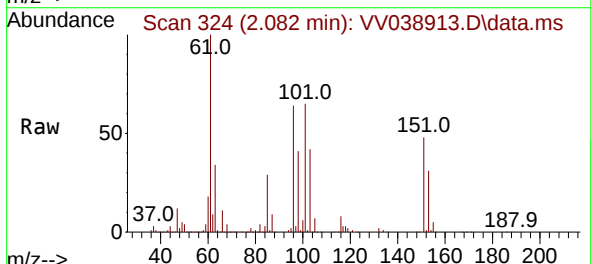
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

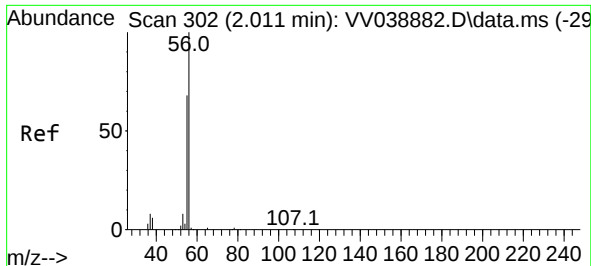
Tgt Ion: 59 Resp: 341033
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 43.711 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 96 Resp: 184630
Ion Ratio Lower Upper
96 100
61 156.9 124.1 186.1
98 64.1 50.6 75.8

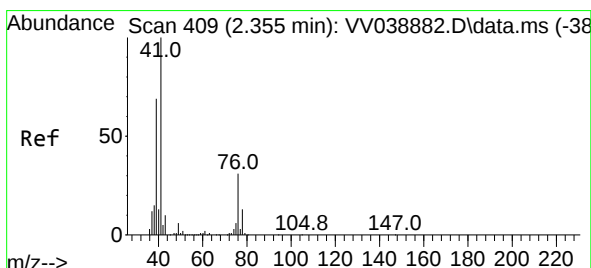
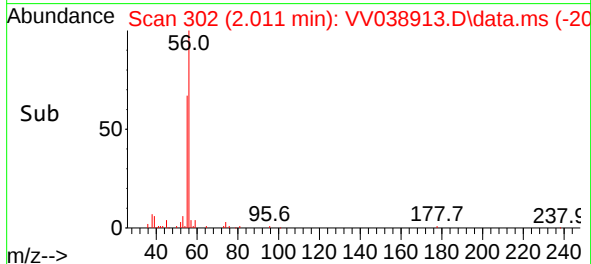
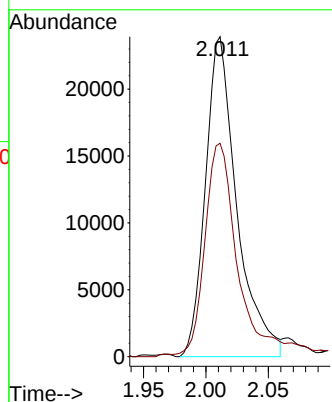
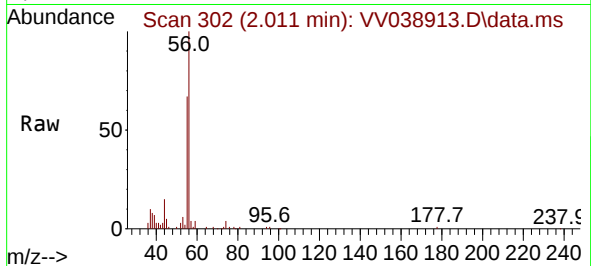




#13
Acrolein
Concen: 255.572 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

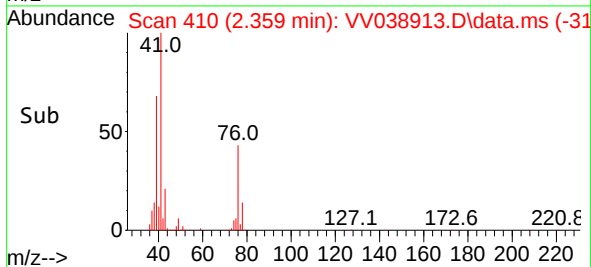
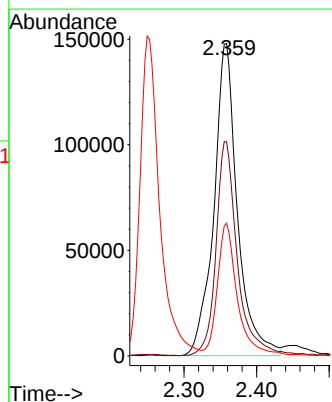
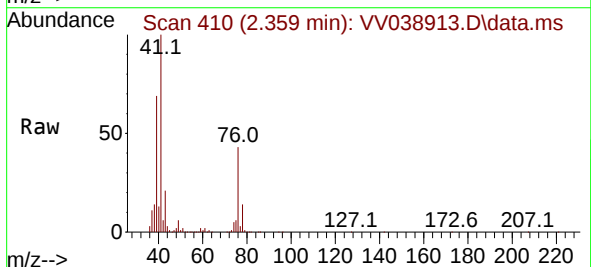
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

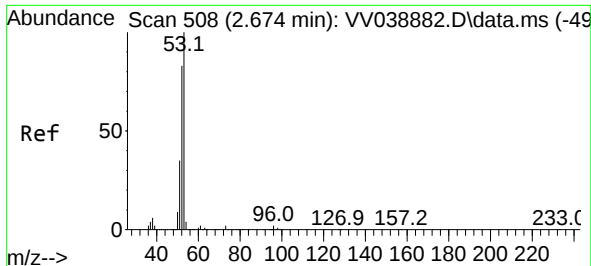
Tgt Ion: 56 Resp: 41947
Ion Ratio Lower Upper
56 100
55 71.7 56.7 85.1



#14
Allyl chloride
Concen: 49.653 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 41 Resp: 334127
Ion Ratio Lower Upper
41 100
39 62.1 50.6 76.0
76 35.0 30.4 45.6

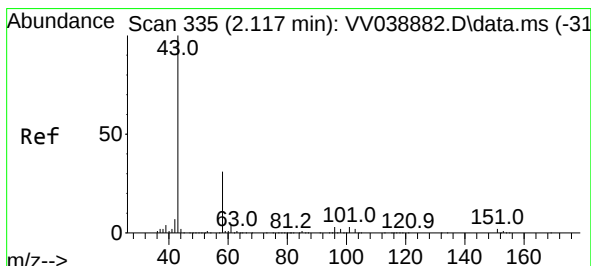
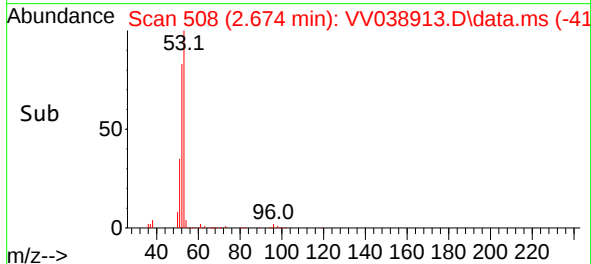
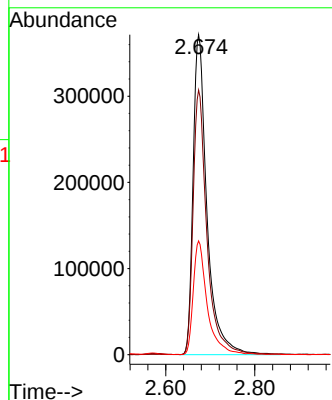
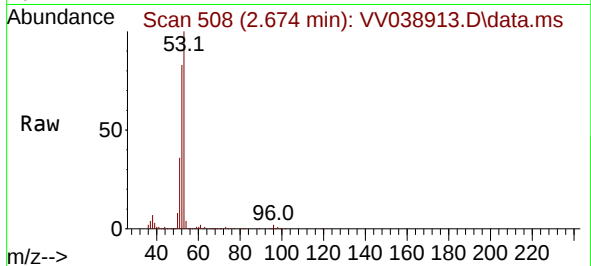




#15
Acrylonitrile
Concen: 277.989 ug/l
RT: 2.674 min Scan# 508
Delta R.T. -0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

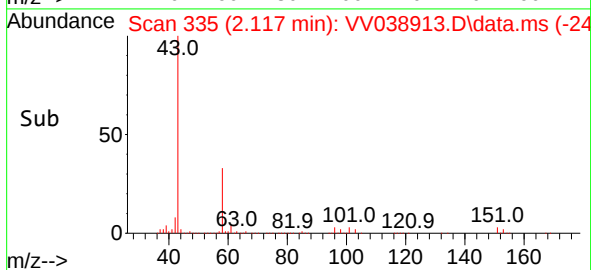
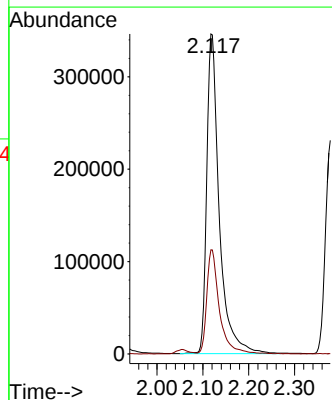
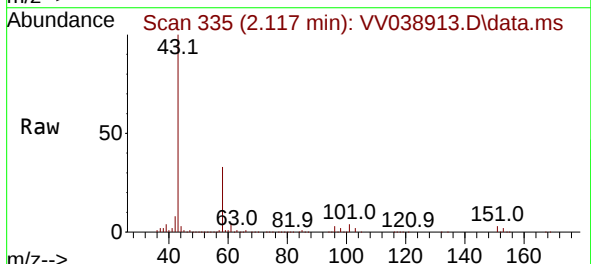
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

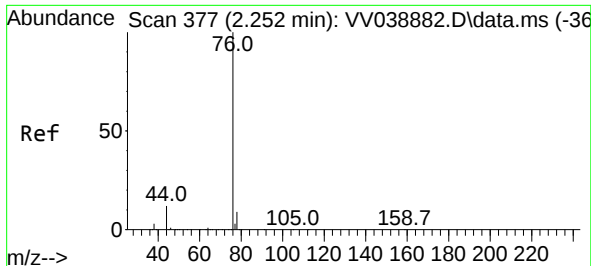
Tgt Ion: 53 Resp: 807381
Ion Ratio Lower Upper
53 100
52 81.9 66.6 99.8
51 35.6 28.7 43.1



#16
Acetone
Concen: 308.093 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 43 Resp: 657227
Ion Ratio Lower Upper
43 100
58 32.5 25.8 38.6

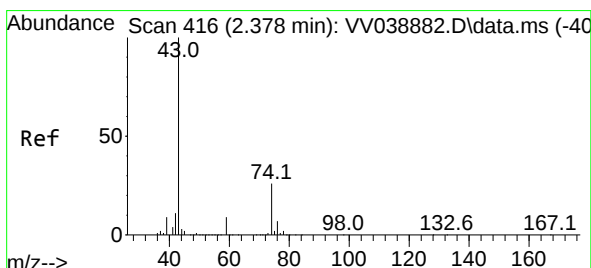
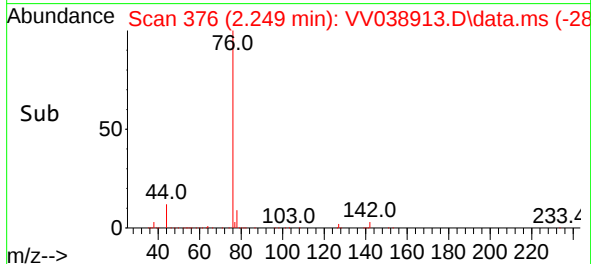
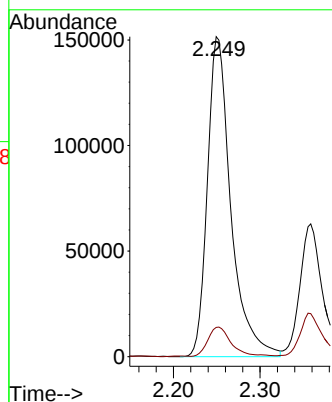
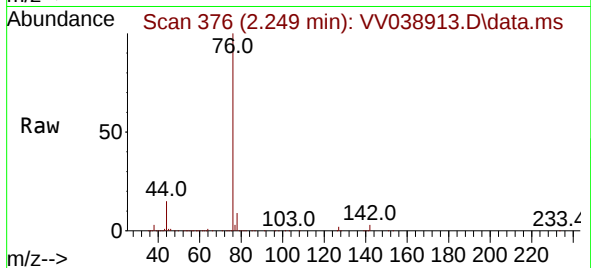




#17
Carbon Disulfide
Concen: 32.434 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

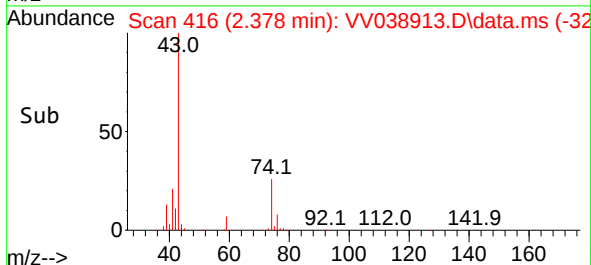
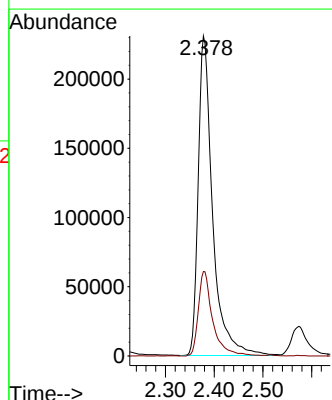
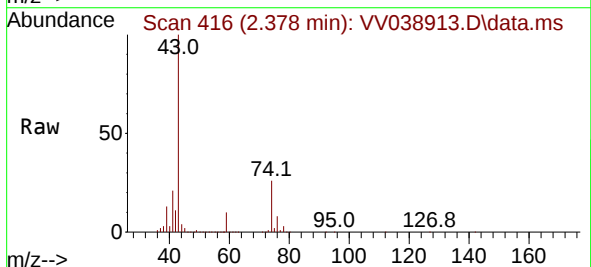
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

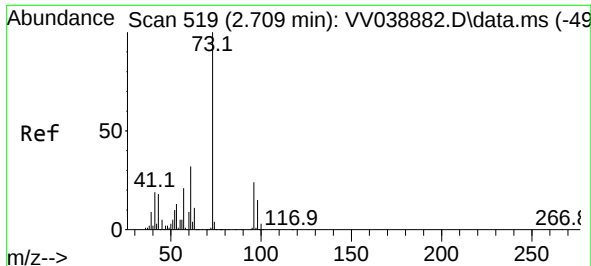
Tgt Ion: 76 Resp: 285835
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 65.546 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 43 Resp: 473076
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7

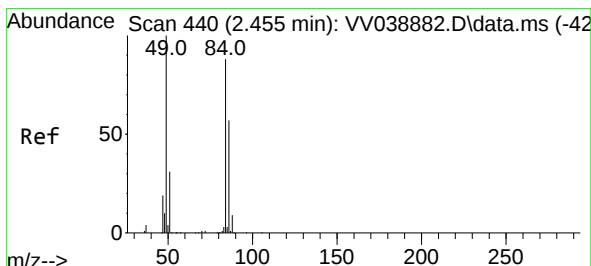
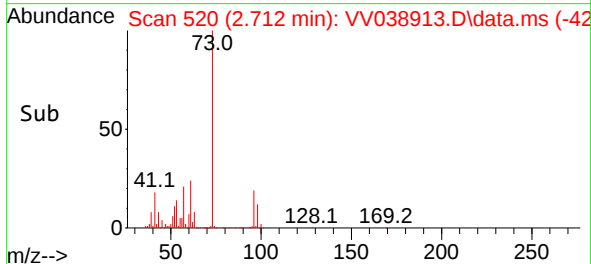
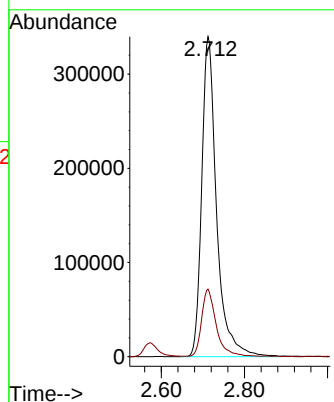
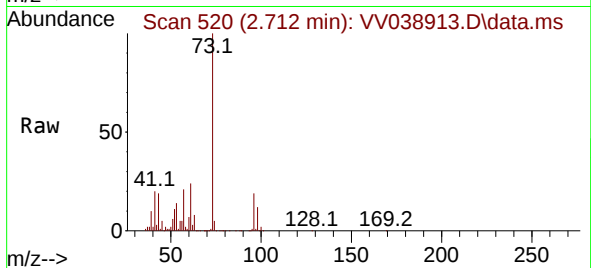




#19
Methyl tert-butyl Ether
Concen: 53.151 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

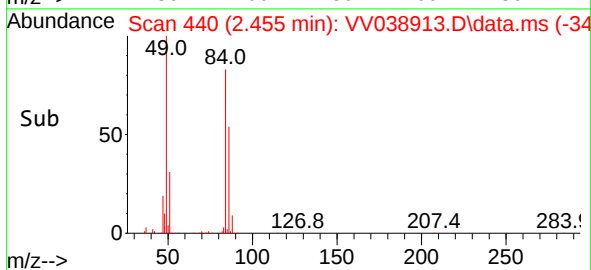
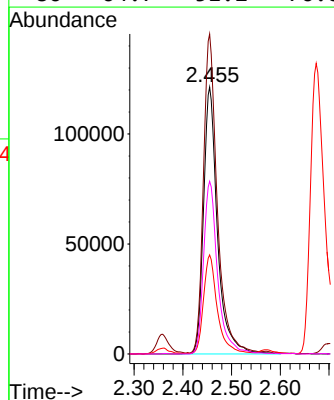
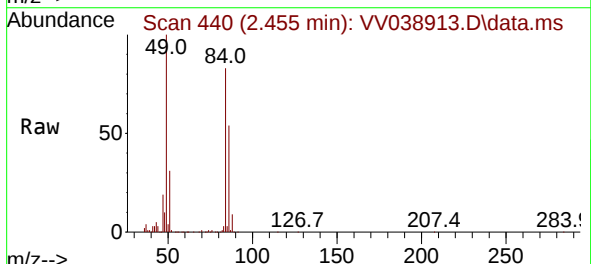
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

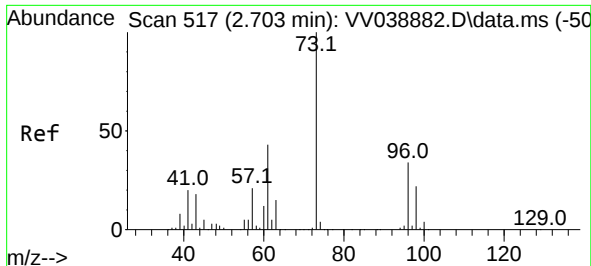
Tgt Ion: 73 Resp: 841748
Ion Ratio Lower Upper
73 100
57 21.1 16.5 24.7



#20
Methylene Chloride
Concen: 44.652 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 84 Resp: 241646
Ion Ratio Lower Upper
84 100
49 119.5 90.5 135.7
51 36.8 27.8 41.6
86 64.7 51.2 76.8

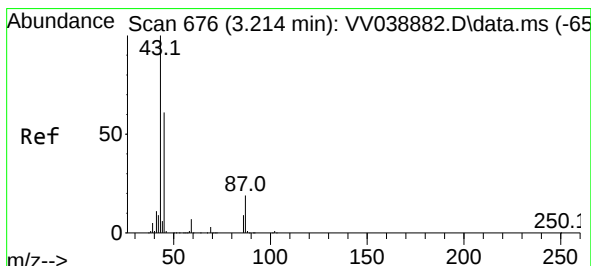
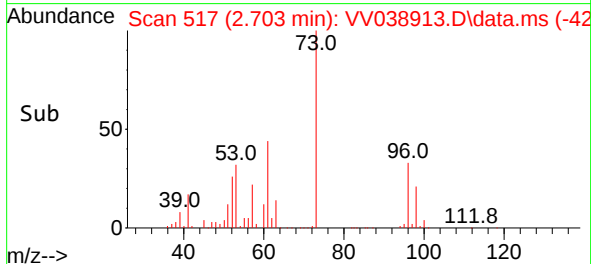
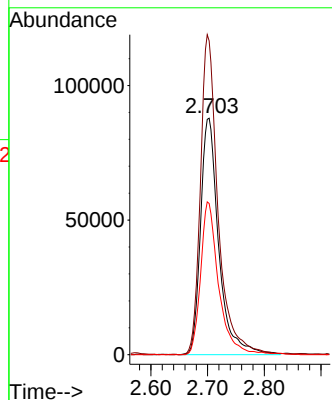
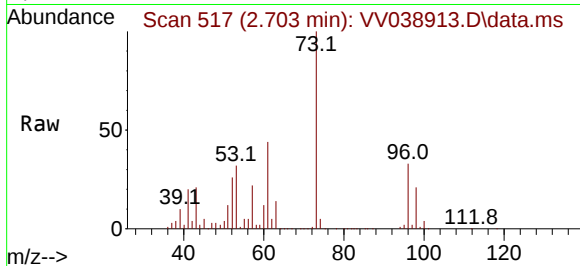




#21
trans-1,2-Dichloroethene
Concen: 43.673 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

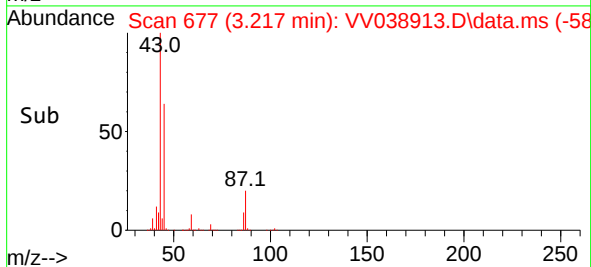
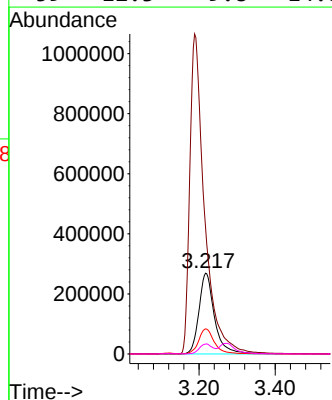
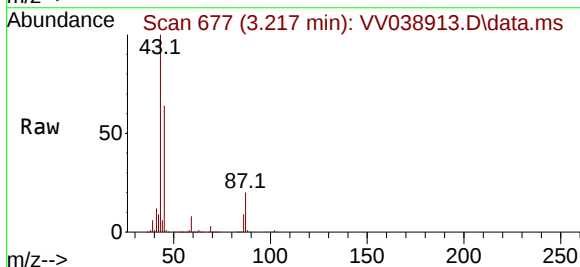
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

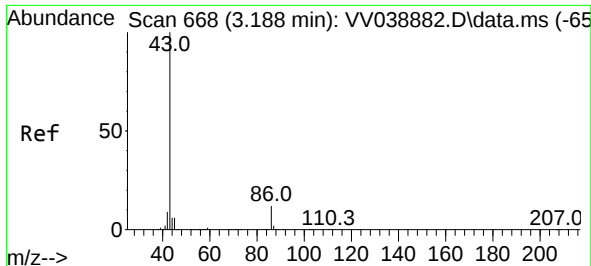
Tgt Ion: 96 Resp: 196275
Ion Ratio Lower Upper
96 100
61 132.7 102.0 153.0
98 64.0 51.0 76.6



#22
Diisopropyl ether
Concen: 56.662 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 45 Resp: 761867
Ion Ratio Lower Upper
45 100
43 155.2 132.1 198.1
87 31.0 25.0 37.4
59 12.3 9.8 14.8

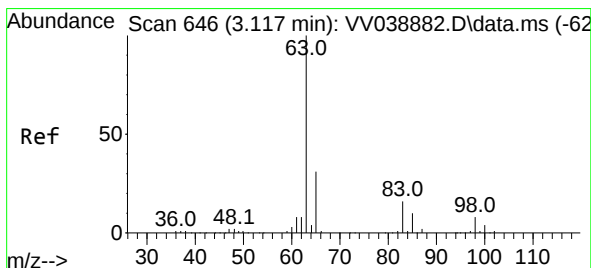
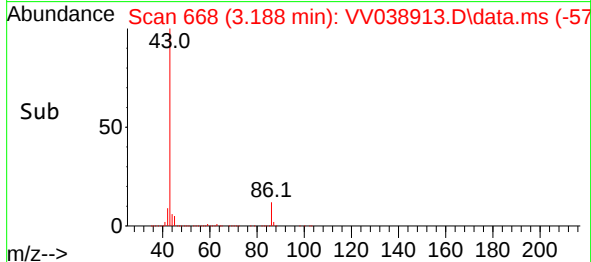
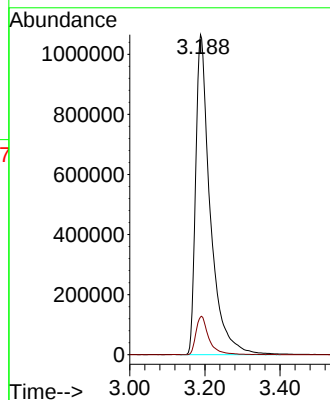
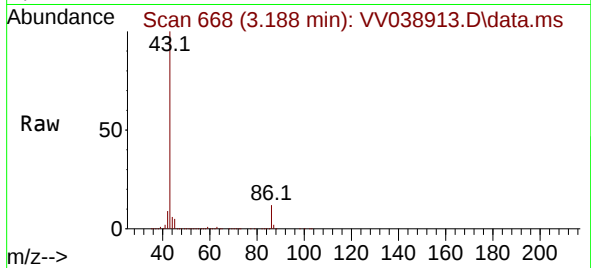




#23
 Vinyl Acetate
 Concen: 271.384 ug/l
 RT: 3.188 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

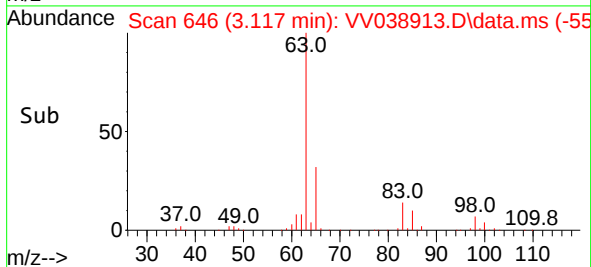
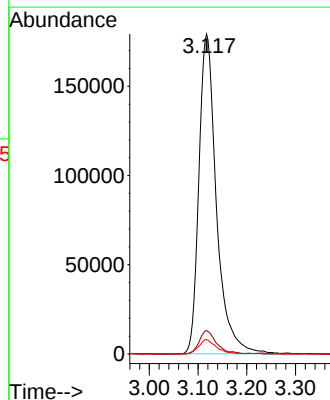
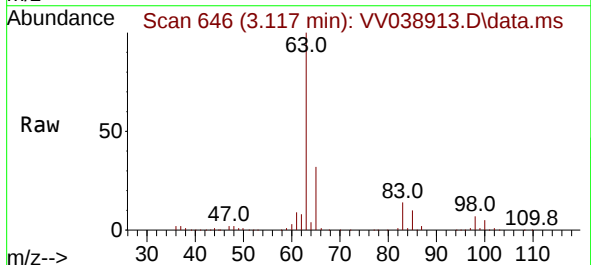
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

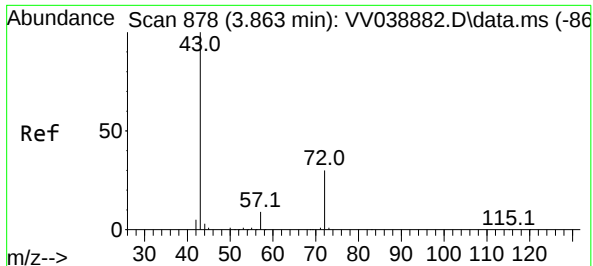
Tgt Ion: 43 Resp: 2861172
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 50.797 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion: 63 Resp: 447302
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.5 2.2 6.6

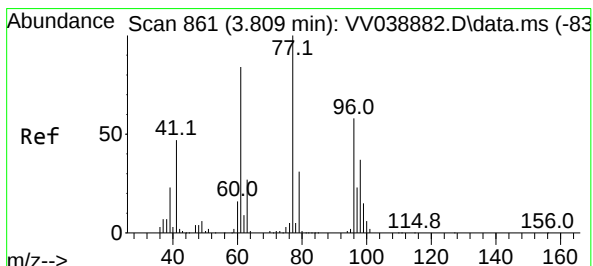
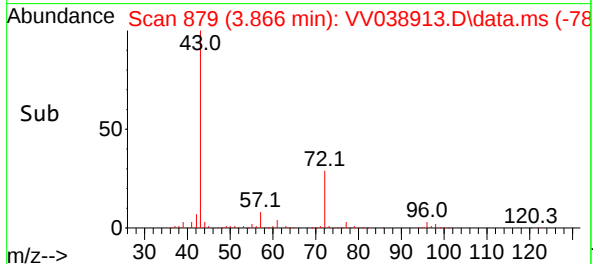
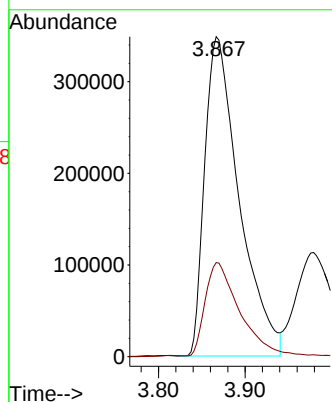
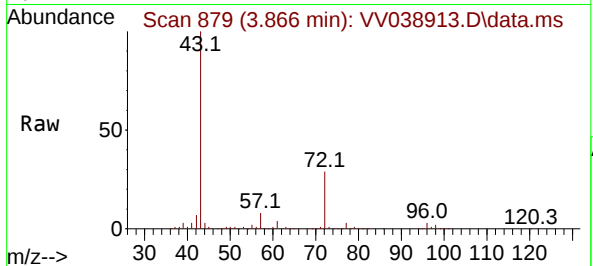




#25
2-Butanone
Concen: 315.136 ug/l
RT: 3.866 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

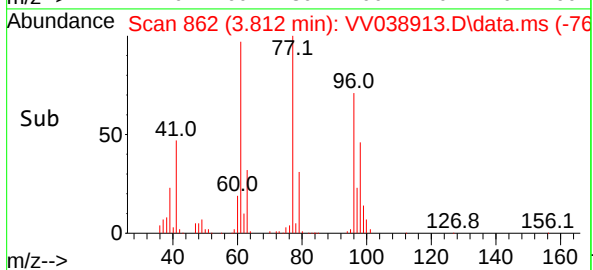
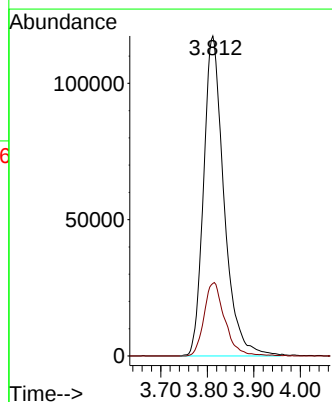
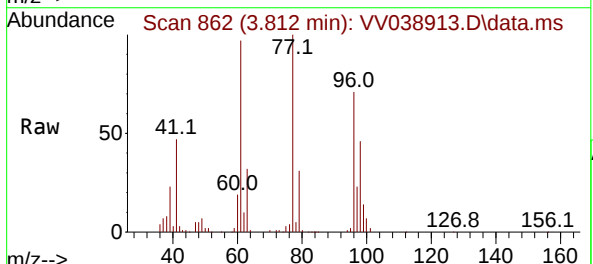
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

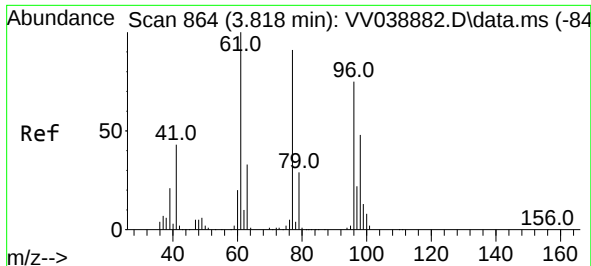
Tgt Ion: 43 Resp: 963549
Ion Ratio Lower Upper
43 100
72 29.2 23.9 35.9



#26
2,2-Dichloropropane
Concen: 46.364 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 77 Resp: 357451
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2

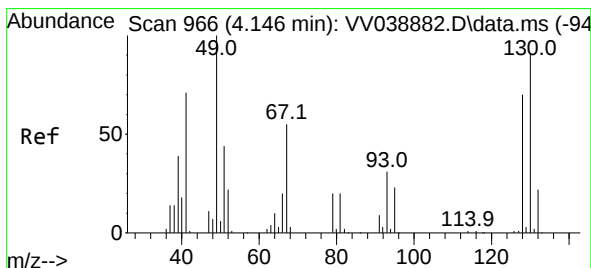
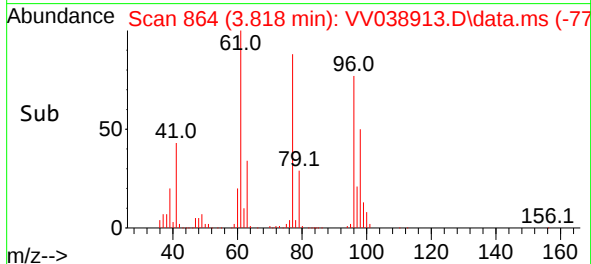
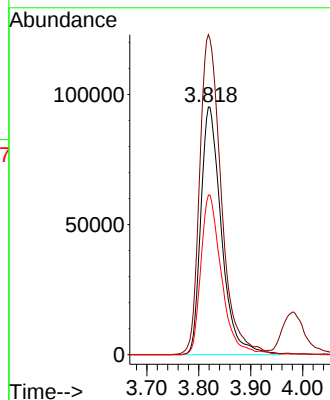
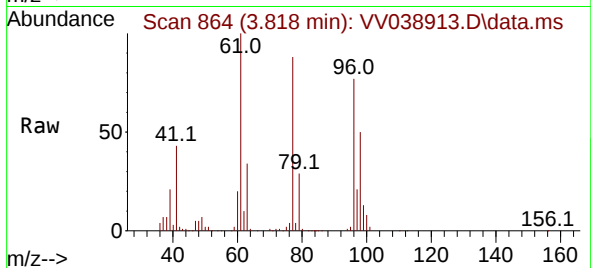




#27
 cis-1,2-Dichloroethene
 Concen: 50.707 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

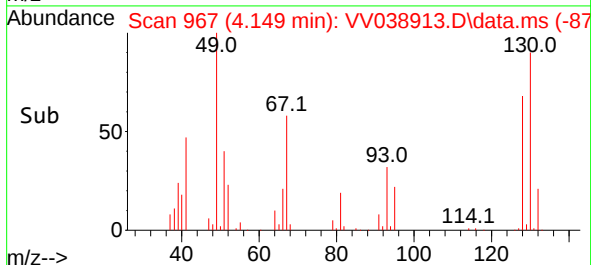
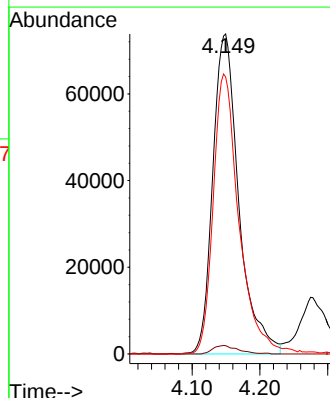
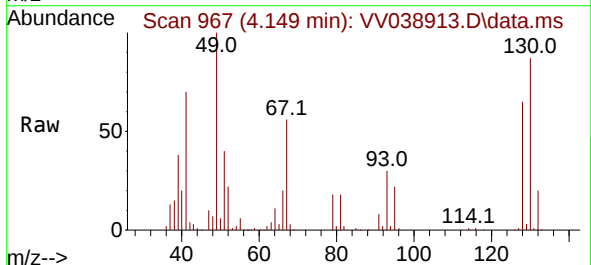
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

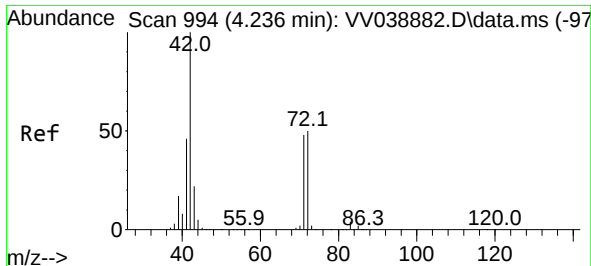
Tgt Ion: 96 Resp: 261679
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 275.0
 98 63.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 57.870 ug/l
 RT: 4.149 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion: 49 Resp: 197244
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 86.6 70.1 105.1





#29

Tetrahydrofuran

Concen: 305.174 ug/l

RT: 4.239 min Scan# 994

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

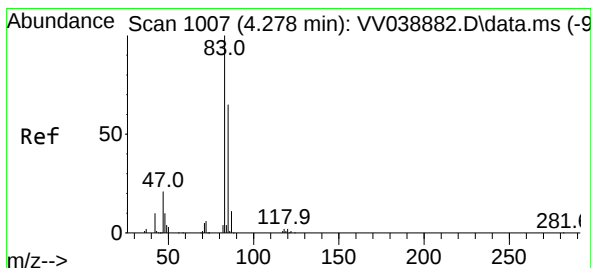
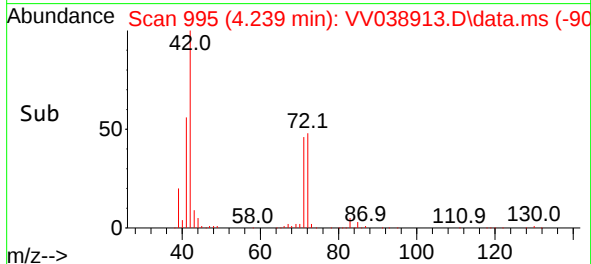
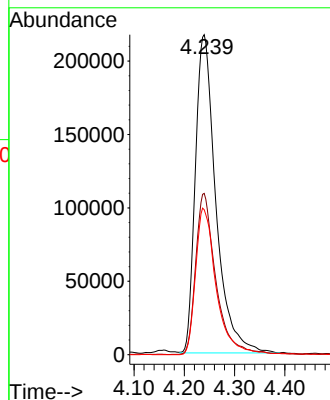
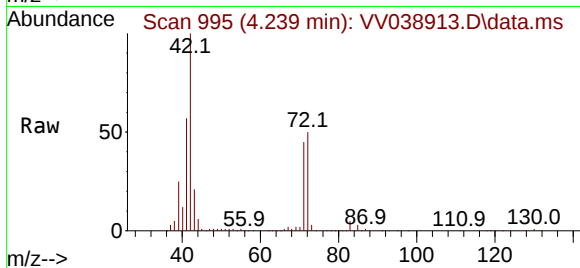
Tgt Ion: 42 Resp: 614979

Ion Ratio Lower Upper

42 100

72 49.8 41.6 62.4

71 46.5 38.4 57.6



#30

Chloroform

Concen: 51.500 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038913.D

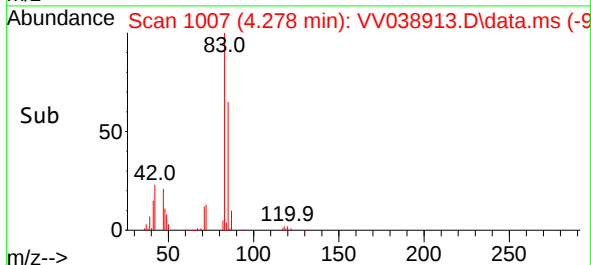
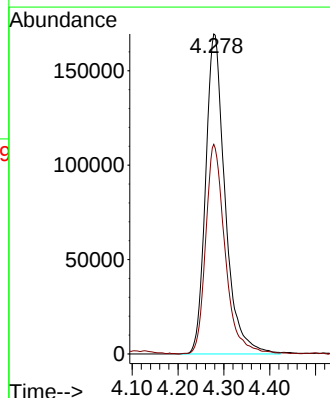
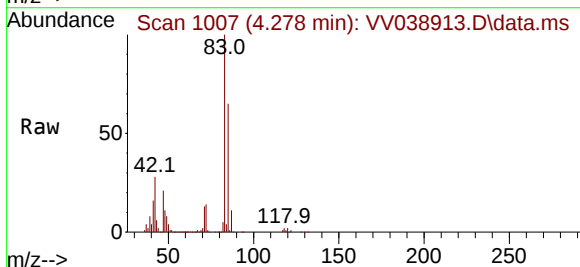
Acq: 16 Jul 2025 17:30

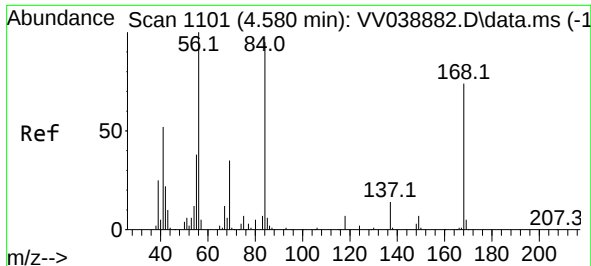
Tgt Ion: 83 Resp: 499972

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

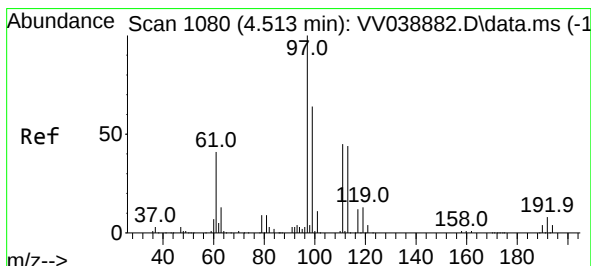
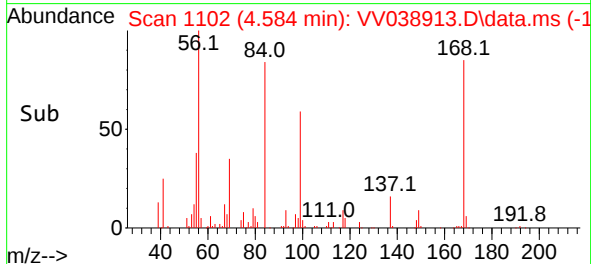
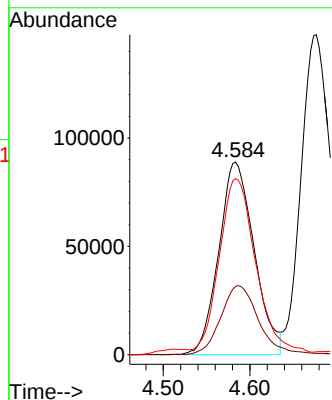
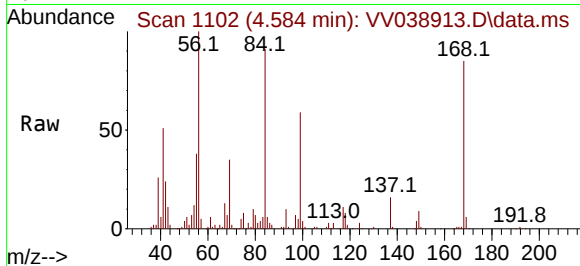




#31
Cyclohexane
Concen: 43.807 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

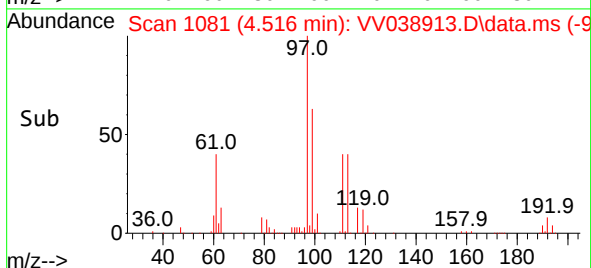
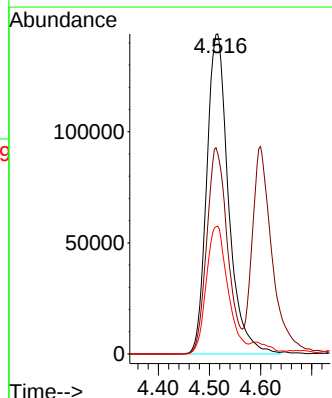
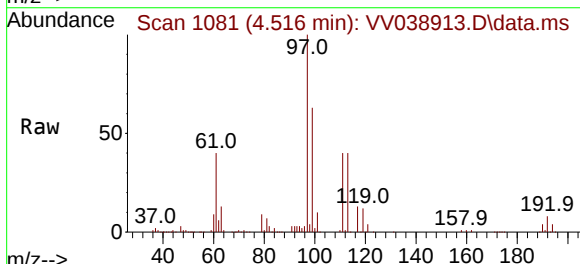
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

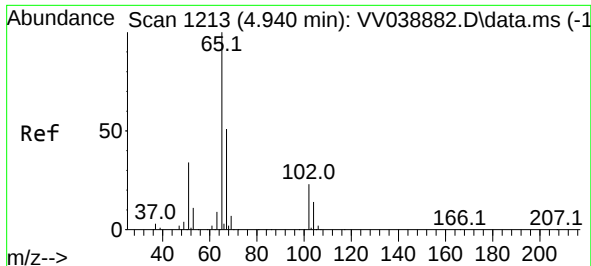
Tgt Ion: 56 Resp: 253197
Ion Ratio Lower Upper
56 100
69 35.2 28.2 42.2
84 88.7 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 50.195 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 97 Resp: 425178
Ion Ratio Lower Upper
97 100
99 61.4 50.1 75.1
61 40.0 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 47.152 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

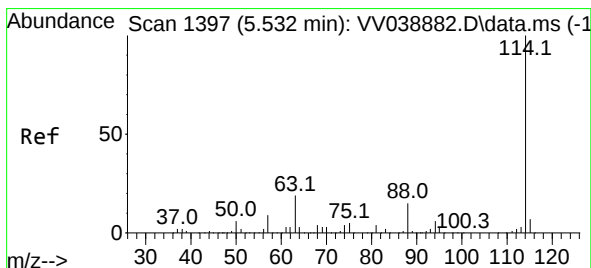
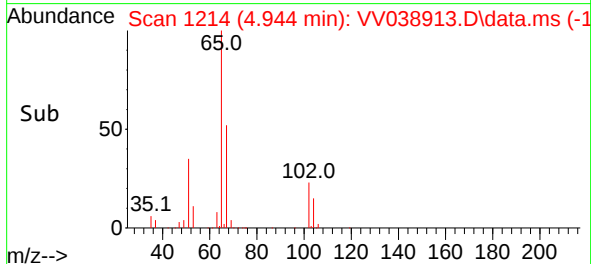
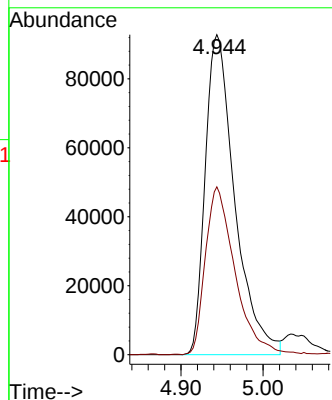
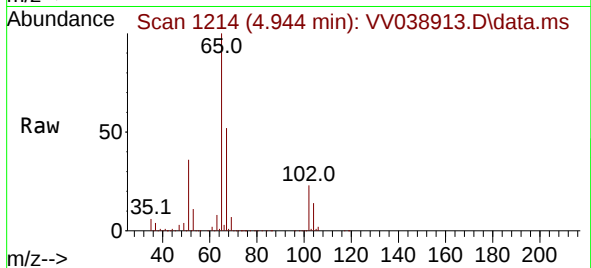
VSTDCCC050EC

Tgt Ion: 65 Resp: 232448

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

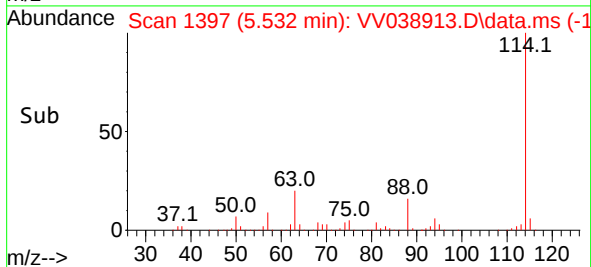
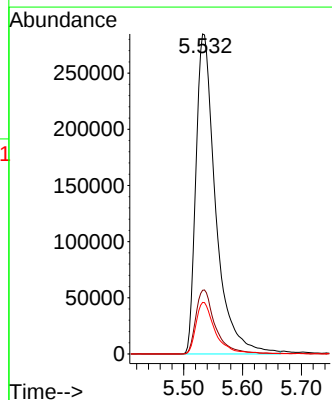
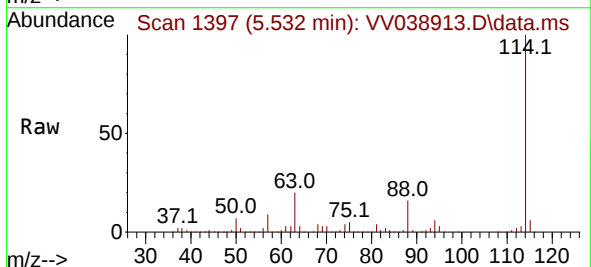
Tgt Ion: 114 Resp: 663961

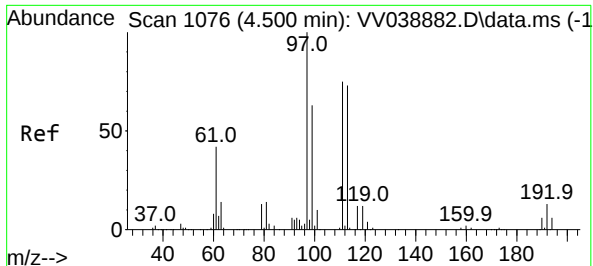
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.2

88 16.1 0.0 30.8

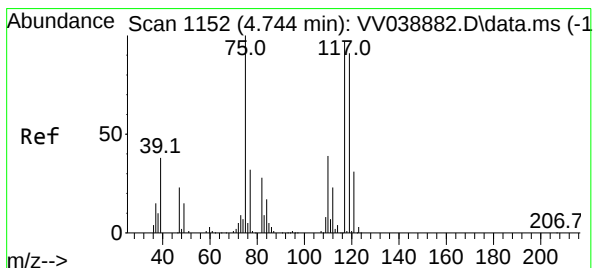
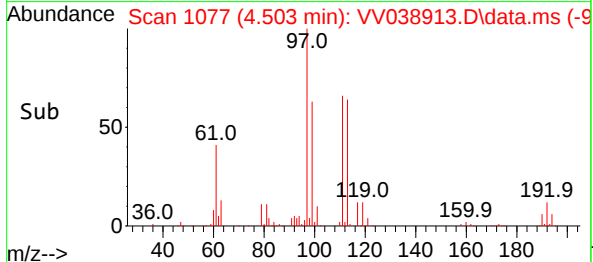
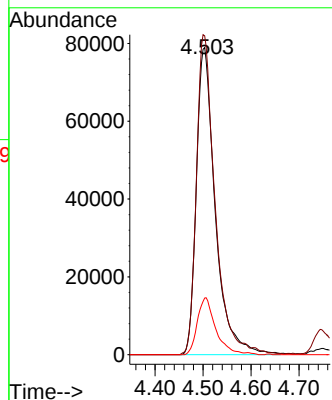
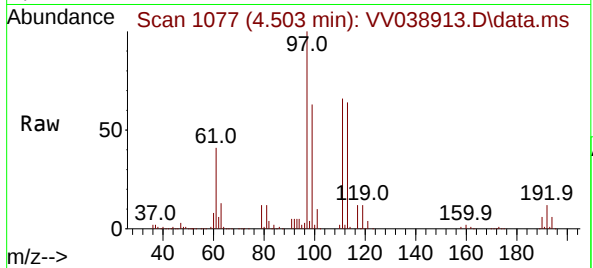




#35
 Dibromofluoromethane
 Concen: 47.752 ug/l
 RT: 4.503 min Scan# 1076
 Delta R.T. 0.003 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

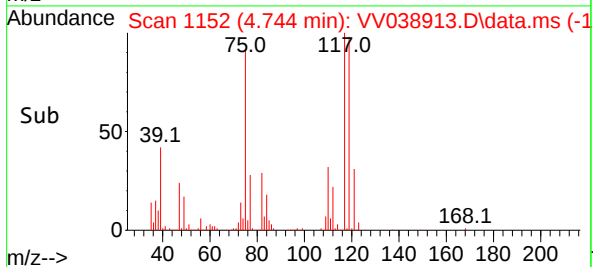
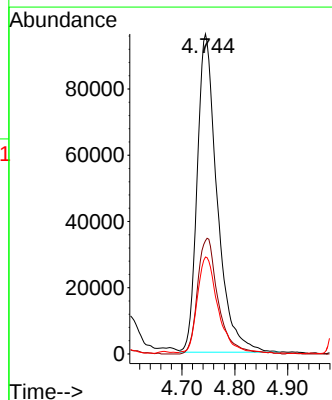
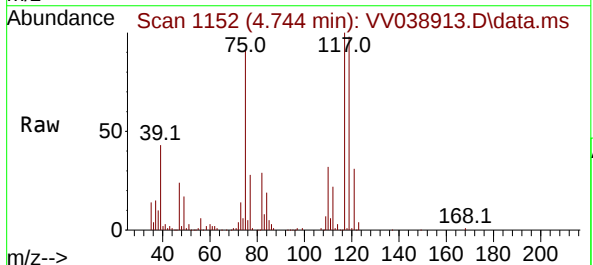
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

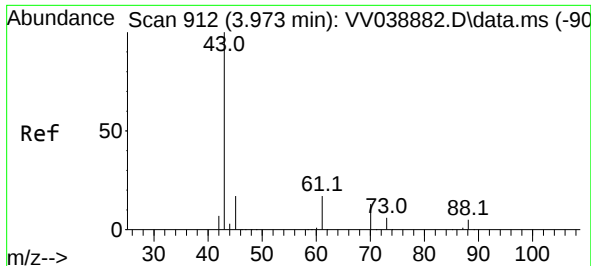
Tgt Ion:113 Resp: 216166
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.3 124.9
 192 17.9 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 48.454 ug/l
 RT: 4.744 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion: 75 Resp: 252082
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.8 56.3
 77 31.6 24.2 36.4

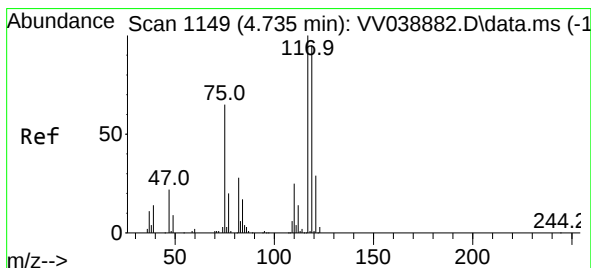
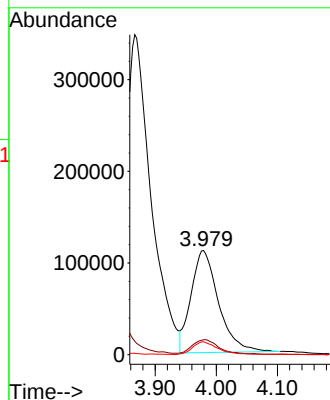
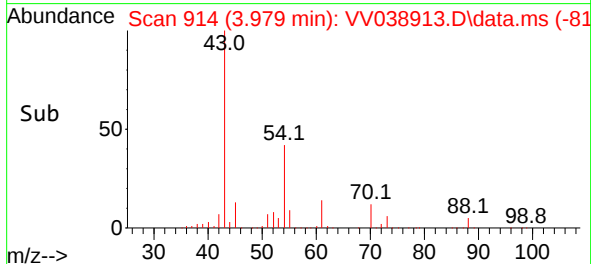
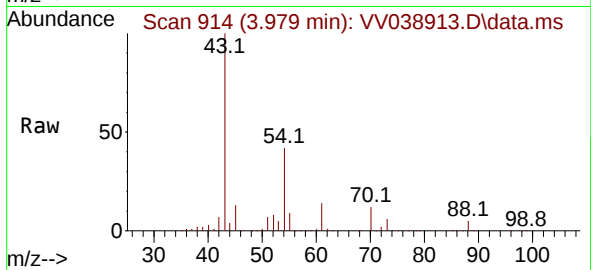




#37
Ethyl Acetate
Concen: 56.874 ug/l
RT: 3.979 min Scan# 912
Delta R.T. 0.006 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

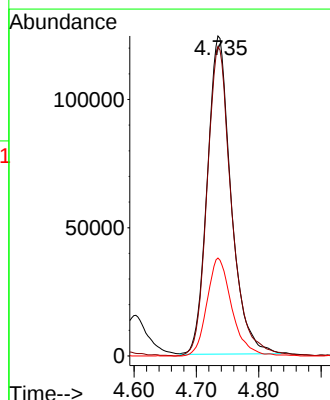
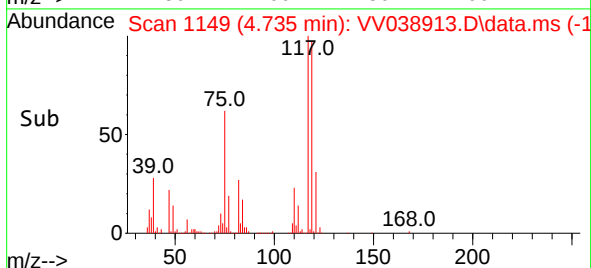
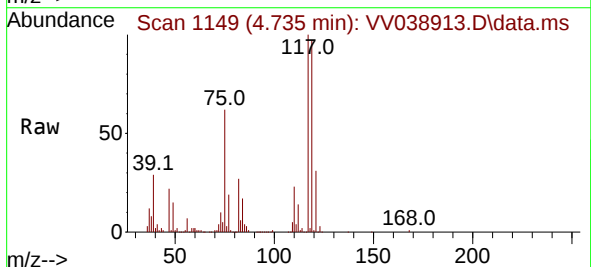
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

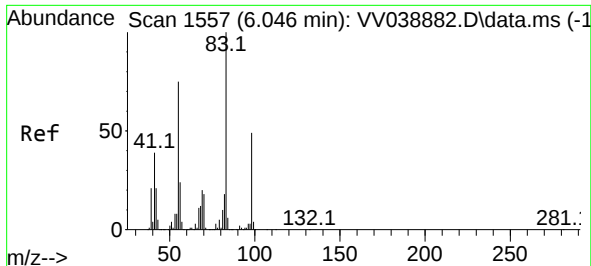
Tgt Ion: 43 Resp: 348380
Ion Ratio Lower Upper
43 100
61 13.0 11.1 16.7
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 47.561 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 117 Resp: 328677
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0
121 30.8 23.1 34.7





#39

Methylcyclohexane

Concen: 44.369 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

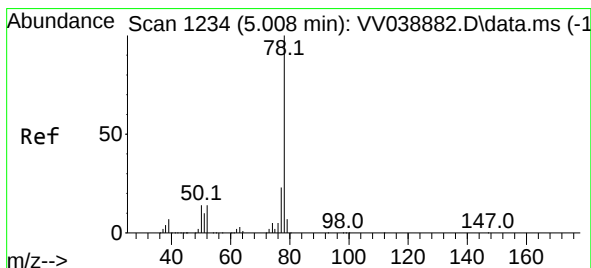
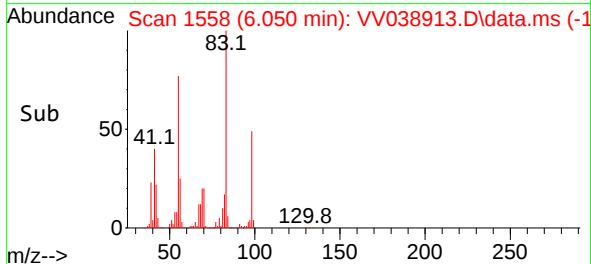
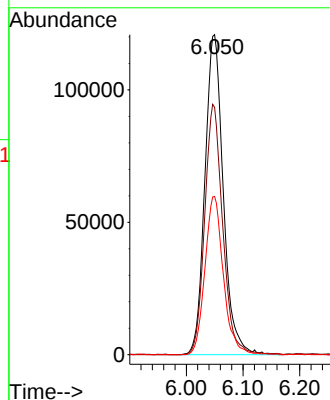
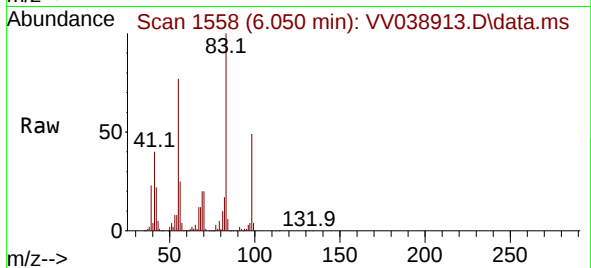
Tgt Ion: 83 Resp: 272365

Ion Ratio Lower Upper

83 100

55 77.3 60.0 90.0

98 49.5 39.0 58.6



#40

Benzene

Concen: 49.854 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038913.D

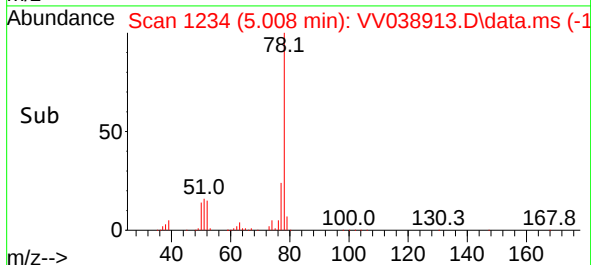
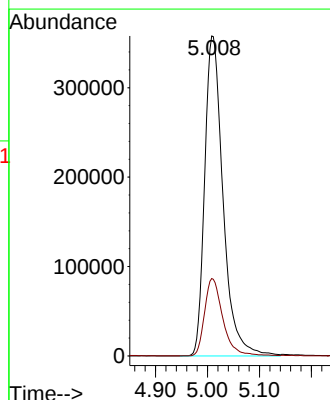
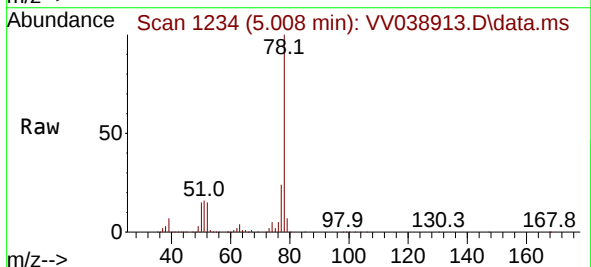
Acq: 16 Jul 2025 17:30

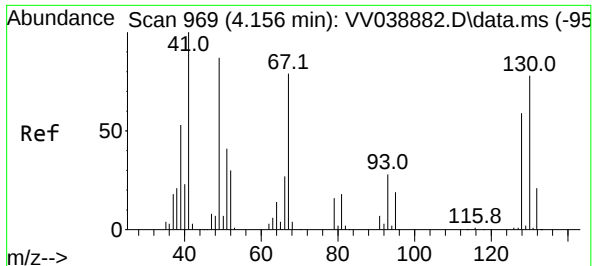
Tgt Ion: 78 Resp: 879254

Ion Ratio Lower Upper

78 100

77 24.1 18.6 28.0

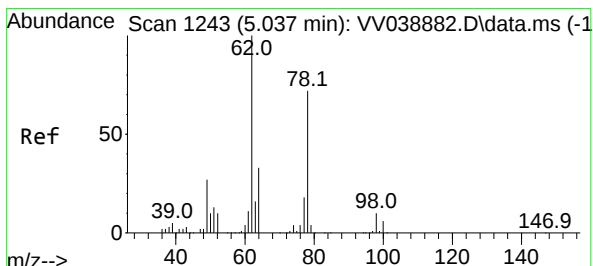
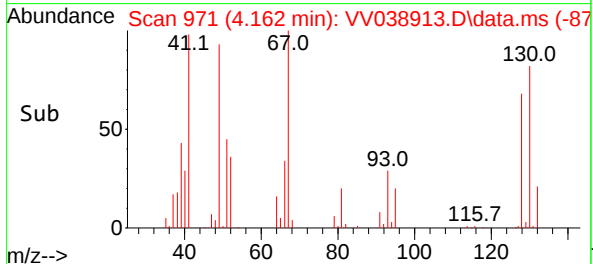
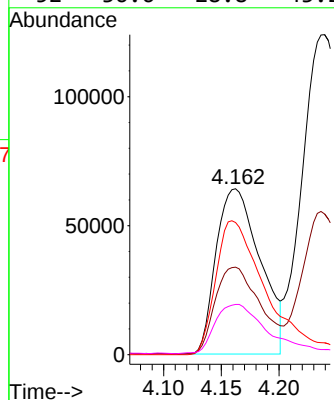
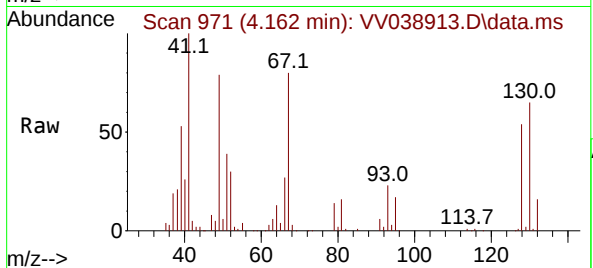




#41
Methacrylonitrile
Concen: 60.520 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

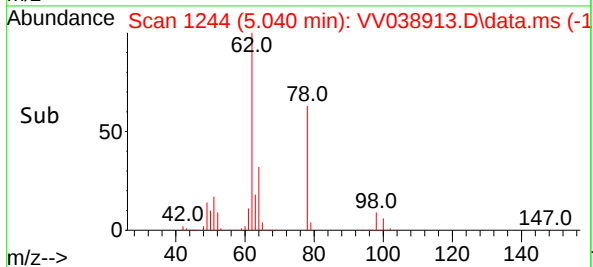
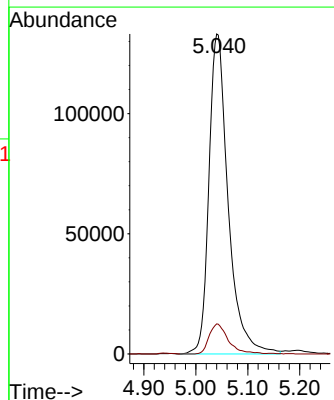
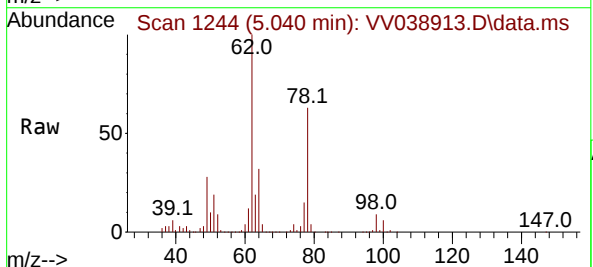
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

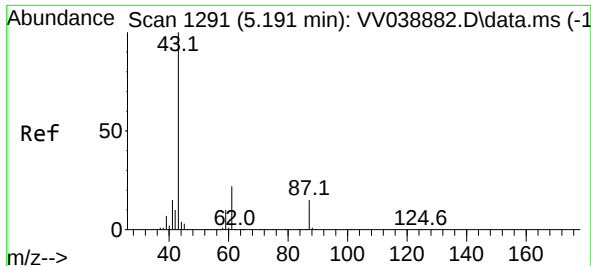
Tgt Ion: 41 Resp: 170136
Ion Ratio Lower Upper
41 100
39 54.6 42.0 63.0
67 95.4 76.2 114.2
52 36.6 28.8 43.2



#42
1,2-Dichloroethane
Concen: 50.903 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 62 Resp: 342193
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

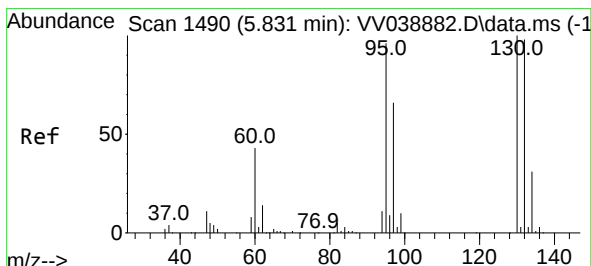
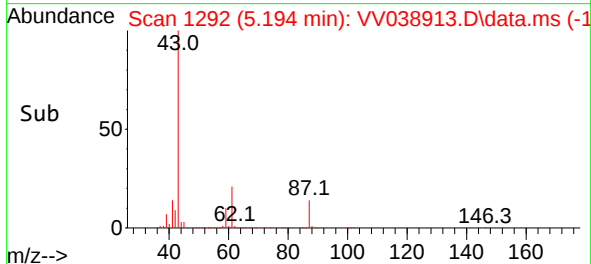
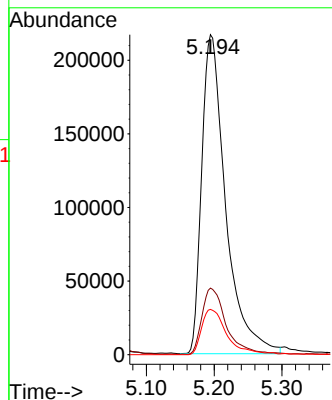
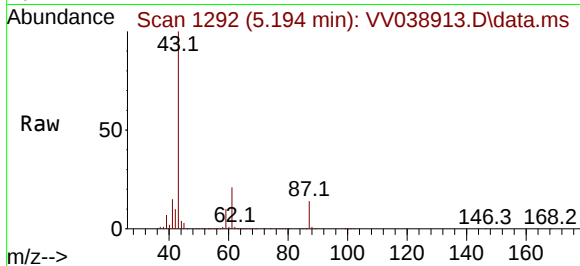




#43
Isopropyl Acetate
Concen: 54.987 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

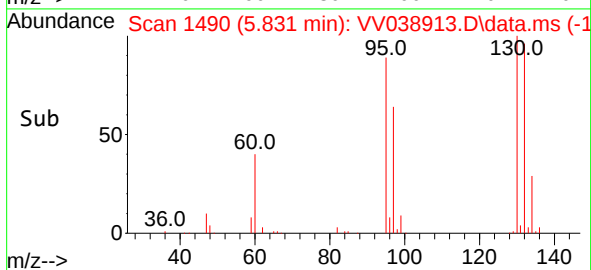
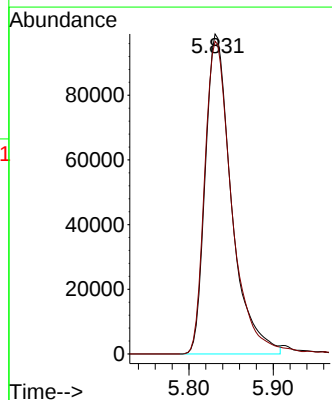
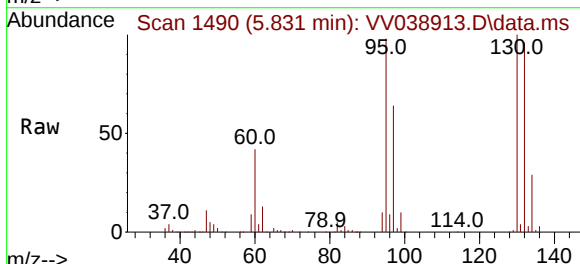
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

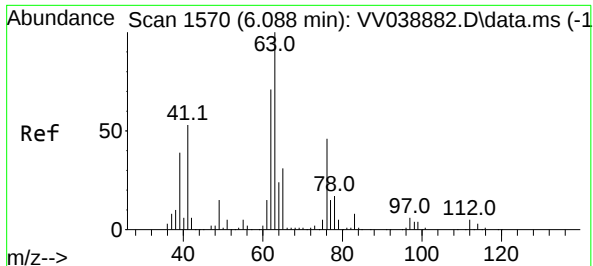
Tgt Ion: 43 Resp: 532689
Ion Ratio Lower Upper
43 100
61 20.8 17.1 25.7
87 14.7 12.2 18.4



#44
Trichloroethene
Concen: 46.431 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion:130 Resp: 213981
Ion Ratio Lower Upper
130 100
95 97.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 53.908 ug/l

RT: 6.091 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

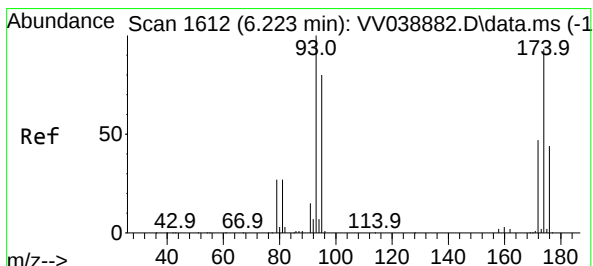
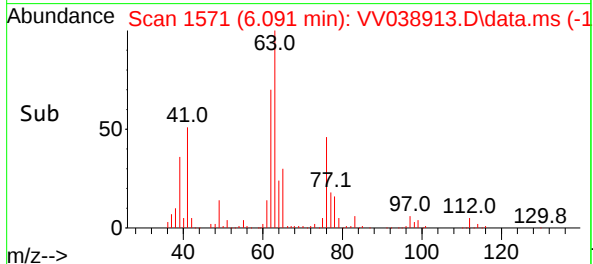
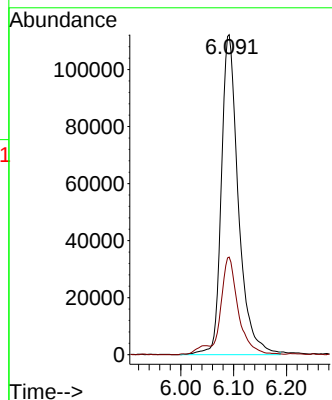
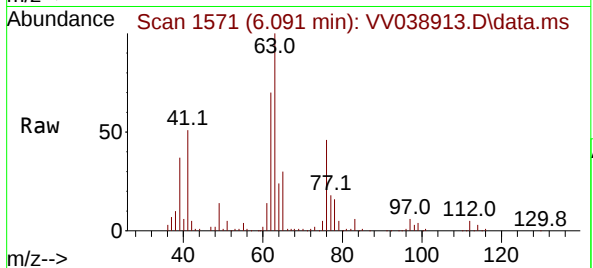
VSTDCCC050EC

Tgt Ion: 63 Resp: 251145

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 50.736 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

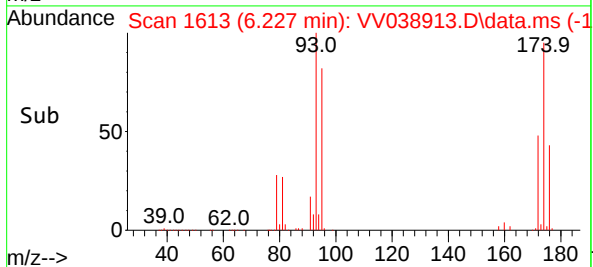
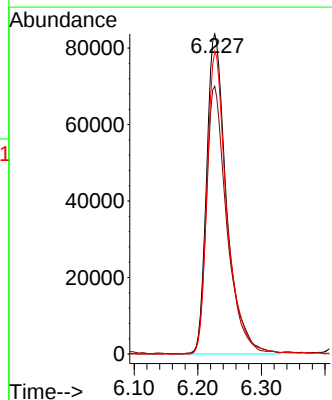
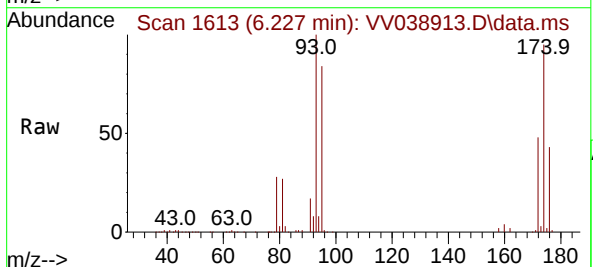
Tgt Ion: 93 Resp: 182885

Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

174 93.8 75.3 112.9

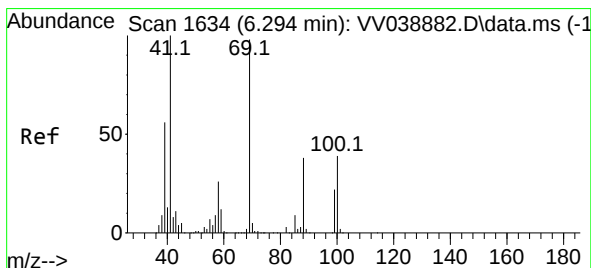
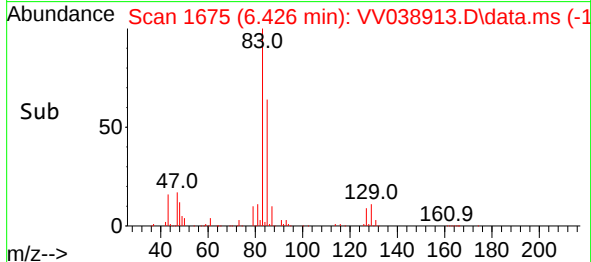
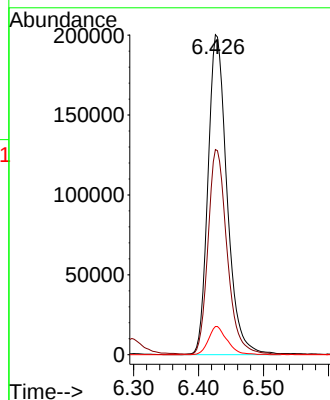
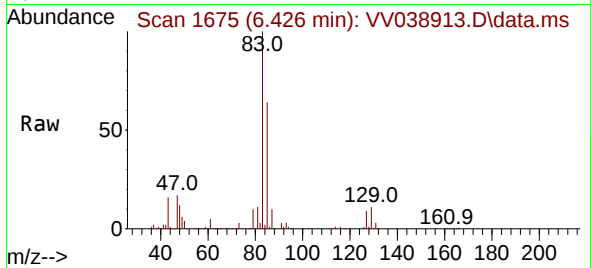




#47
Bromodichloromethane
Concen: 53.377 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

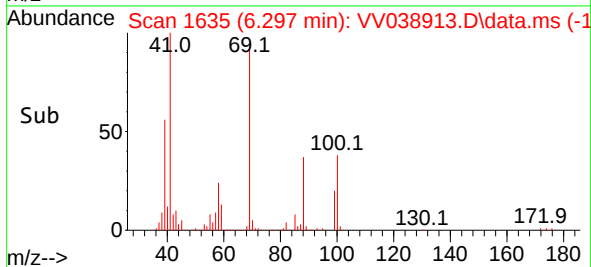
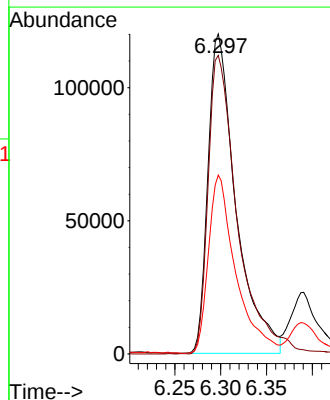
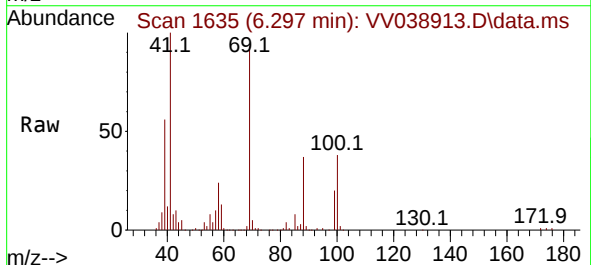
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

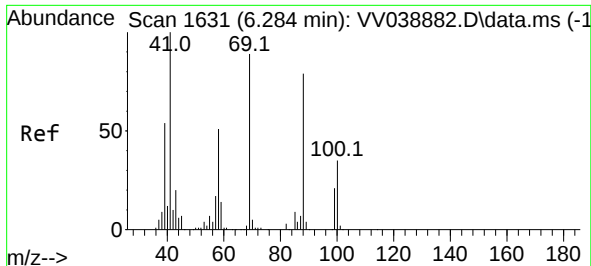
Tgt Ion: 83 Resp: 408338
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 60.507 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 41 Resp: 254388
Ion Ratio Lower Upper
41 100
69 98.9 79.4 119.2
39 54.3 44.0 66.0





#49

1,4-Dioxane

Concen: 1207.453 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

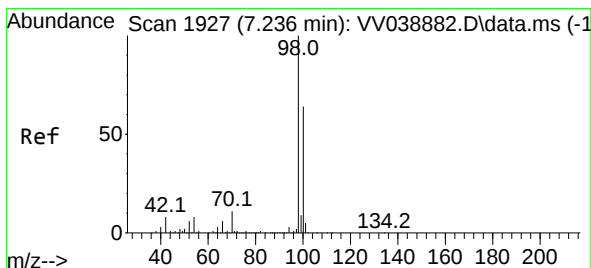
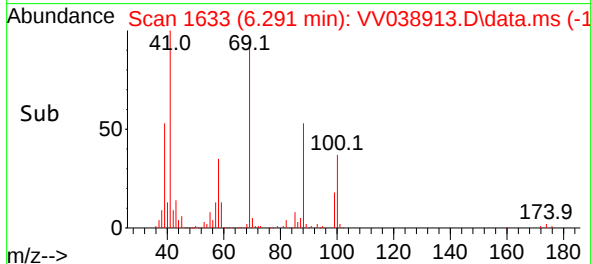
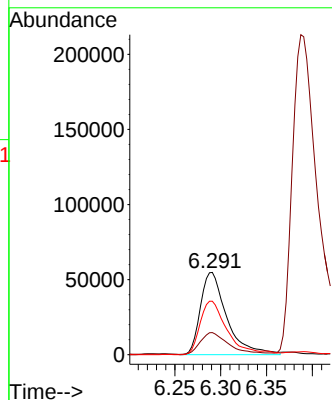
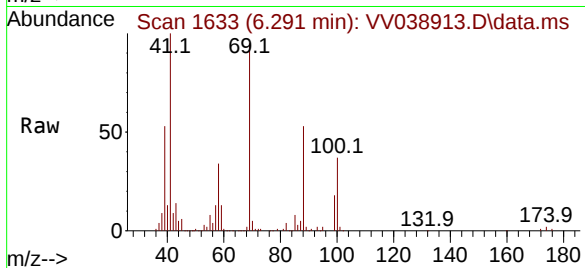
Tgt Ion: 88 Resp: 109376

Ion Ratio Lower Upper

88 100

43 28.6 23.0 34.4

58 67.2 53.8 80.6



#50

Toluene-d8

Concen: 46.148 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038913.D

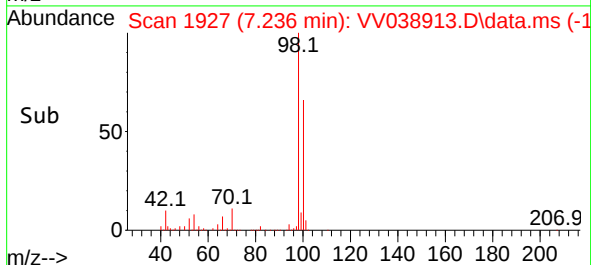
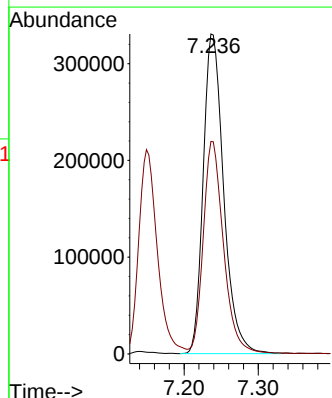
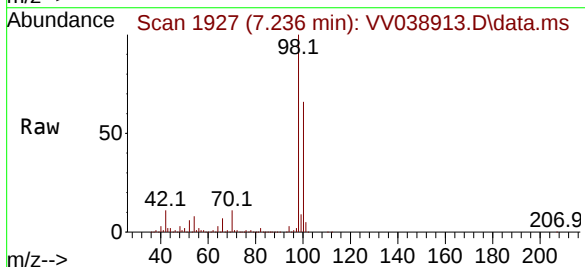
Acq: 16 Jul 2025 17:30

Tgt Ion: 98 Resp: 631461

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3

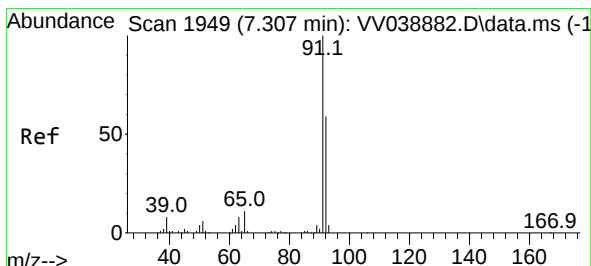
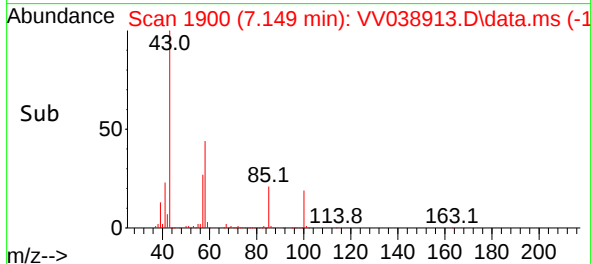
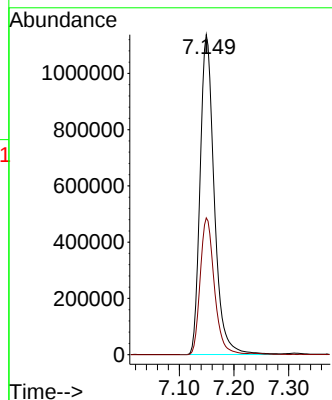
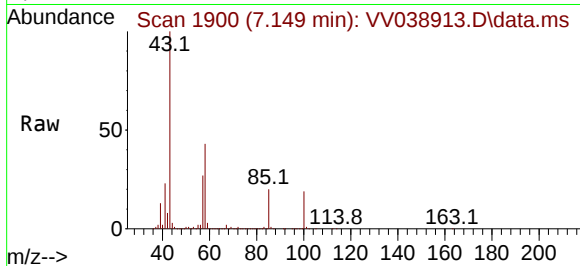




#51
4-Methyl-2-Pentanone
Concen: 309.406 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

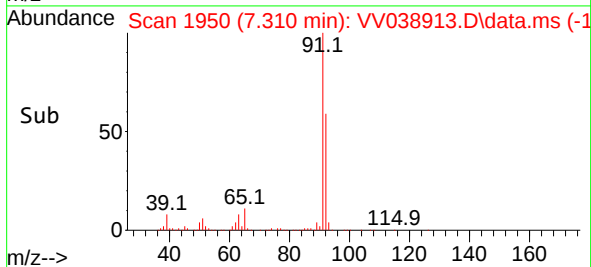
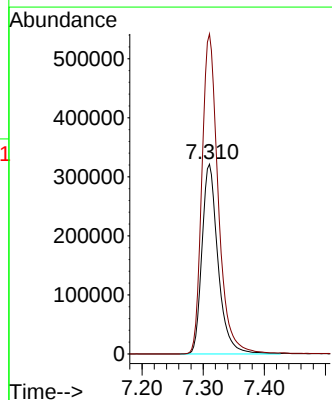
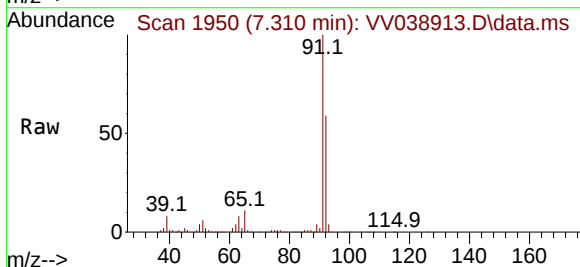
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

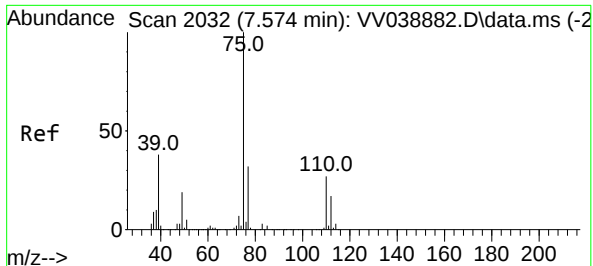
Tgt Ion: 43 Resp: 2040967
Ion Ratio Lower Upper
43 100
58 42.8 34.5 51.7



#52
Toluene
Concen: 52.779 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 92 Resp: 586390
Ion Ratio Lower Upper
92 100
91 171.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 53.947 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

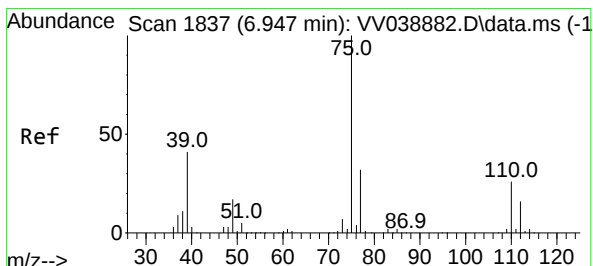
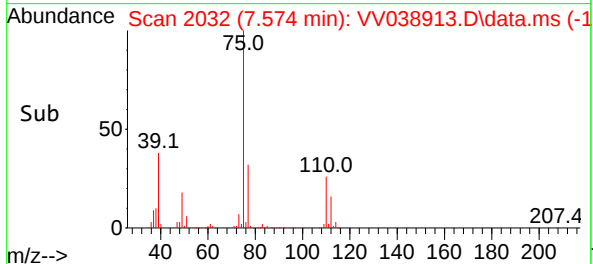
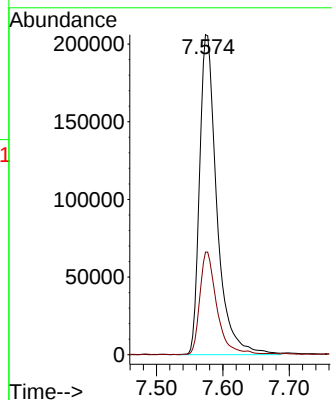
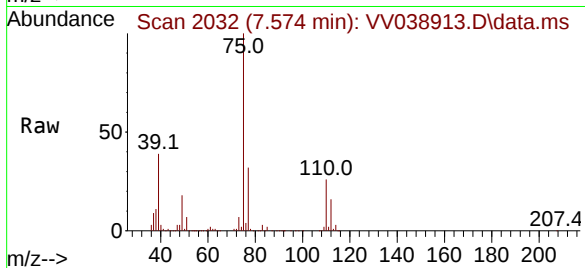
VSTDCCC050EC

Tgt Ion: 75 Resp: 373425

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 52.637 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

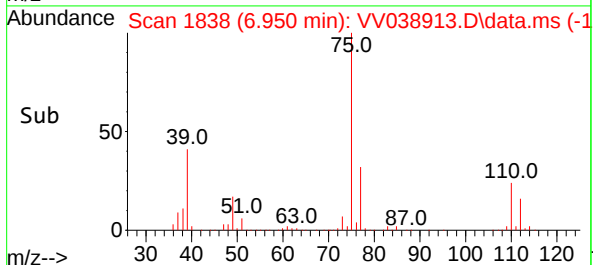
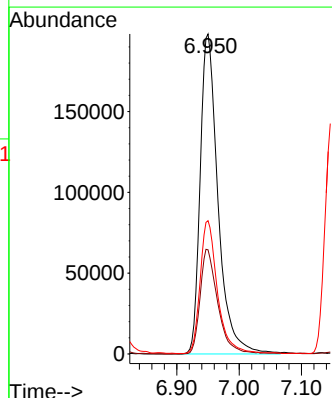
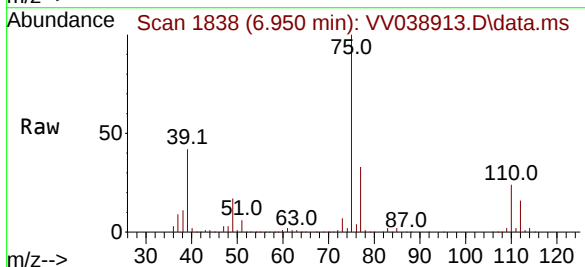
Tgt Ion: 75 Resp: 393872

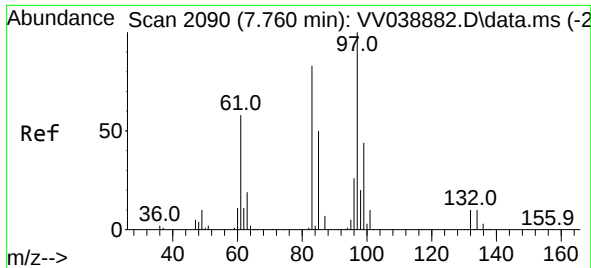
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 41.5 33.1 49.7



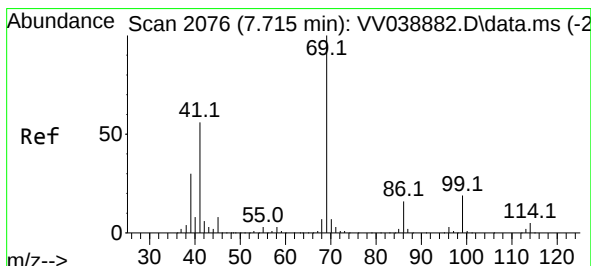
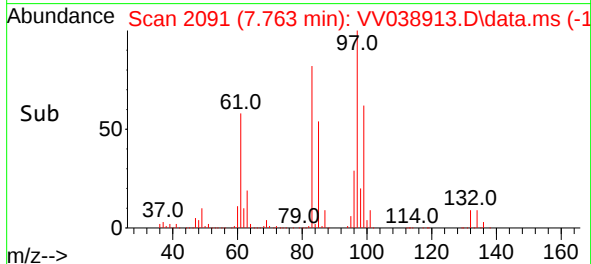
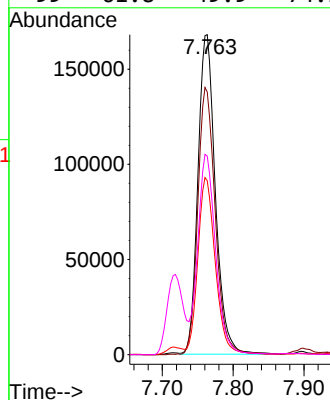
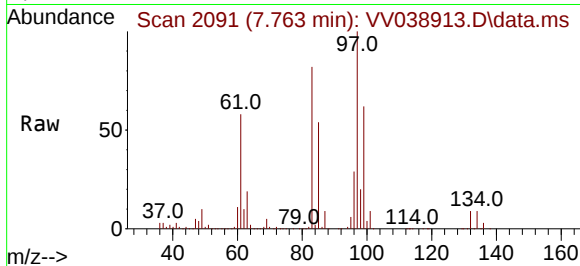


#55
 1,1,2-Trichloroethane
 Concen: 54.019 ug/l
 RT: 7.763 min Scan# 2090
 Delta R.T. 0.003 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 286873

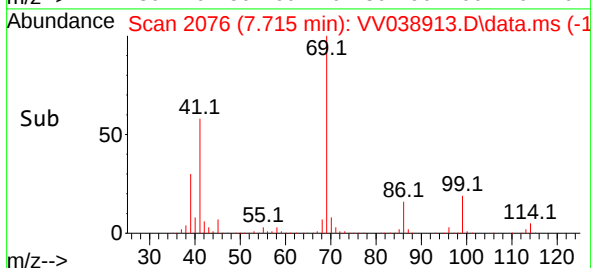
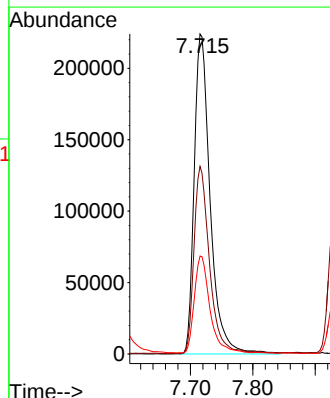
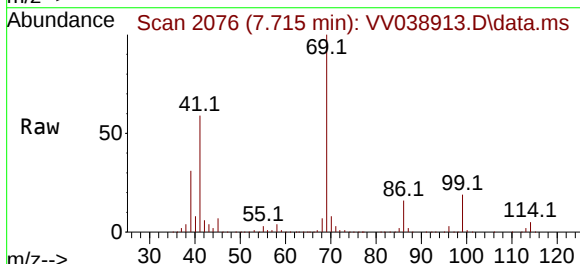
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.2	99.4
85	54.2	41.4	62.2
99	61.8	49.9	74.9

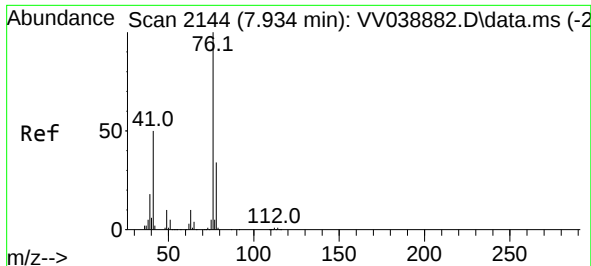


#56
 Ethyl methacrylate
 Concen: 63.053 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion: 69 Resp: 397908

Ion	Ratio	Lower	Upper
69	100		
41	56.6	45.7	68.5
39	29.3	23.8	35.8

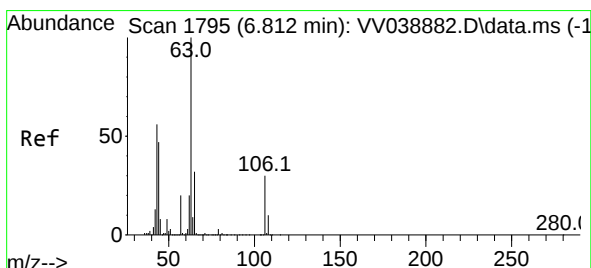
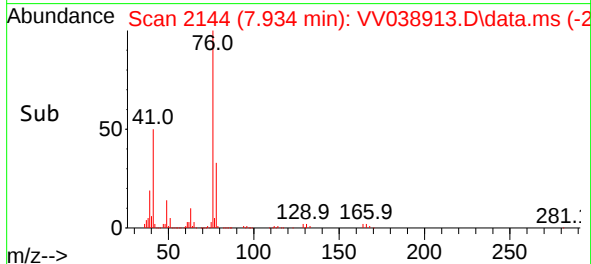
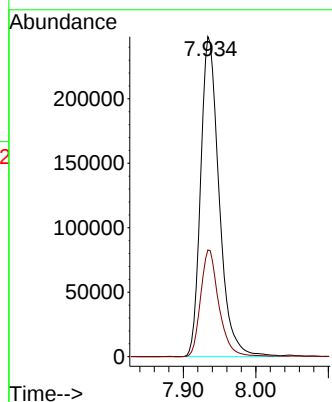
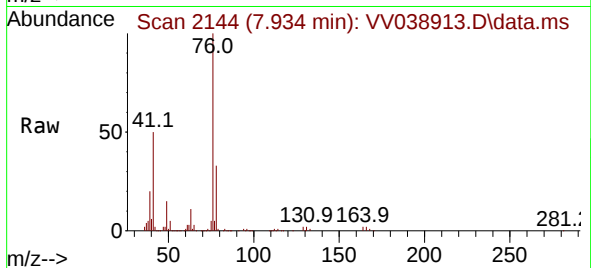




#57
1,3-Dichloropropane
Concen: 55.164 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

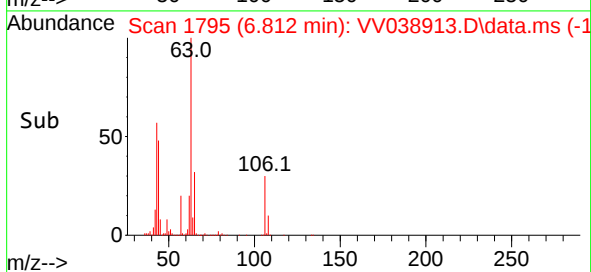
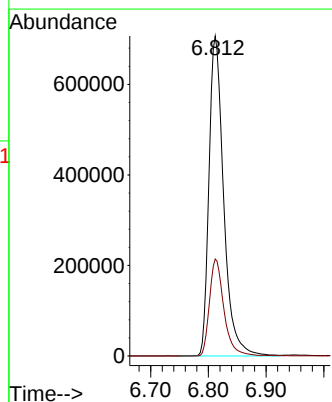
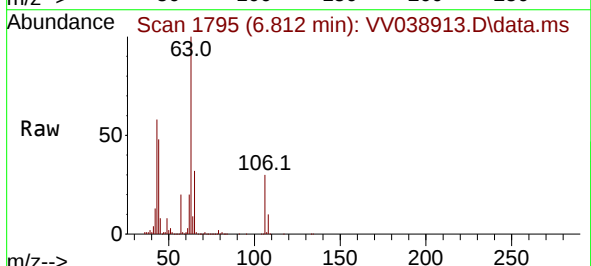
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

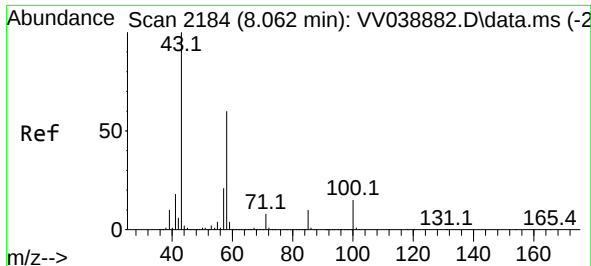
Tgt Ion: 76 Resp: 439250
Ion Ratio Lower Upper
76 100
78 33.0 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 326.785 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 63 Resp: 1244530
Ion Ratio Lower Upper
63 100
106 29.8 24.1 36.1

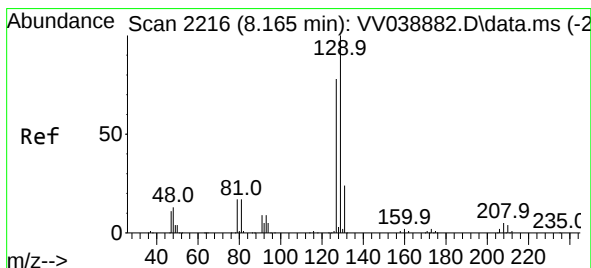
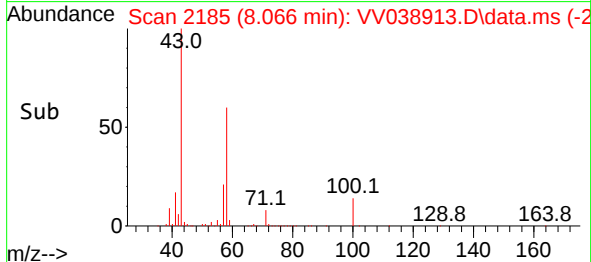
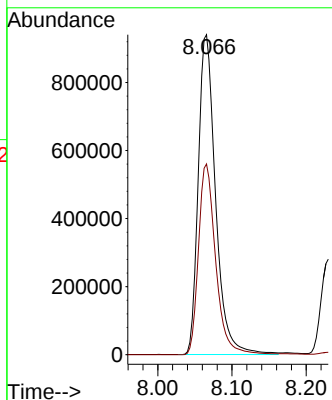
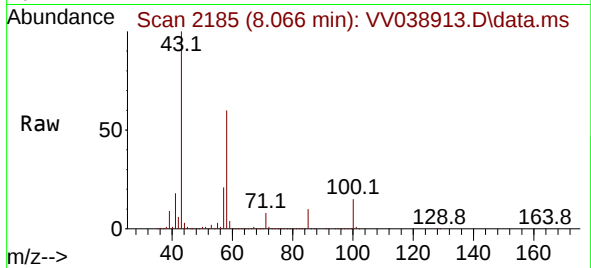




#59
2-Hexanone
Concen: 311.308 ug/l
RT: 8.066 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

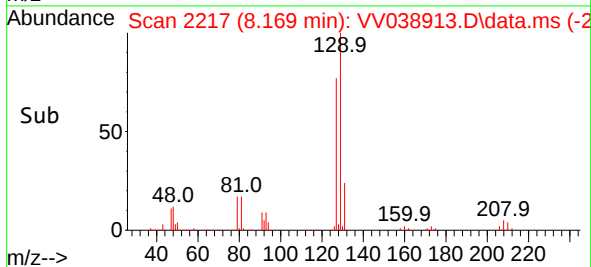
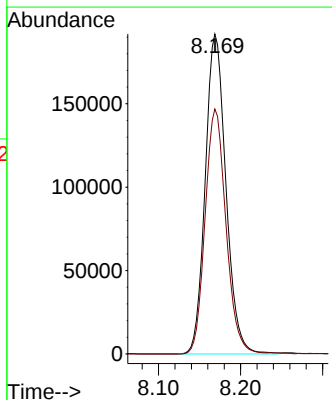
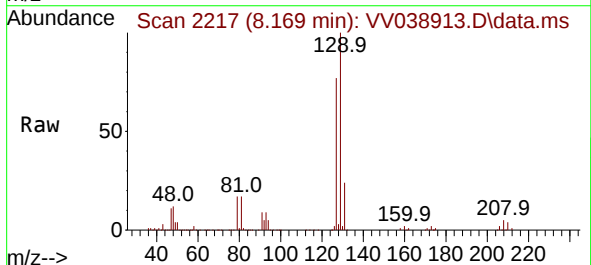
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

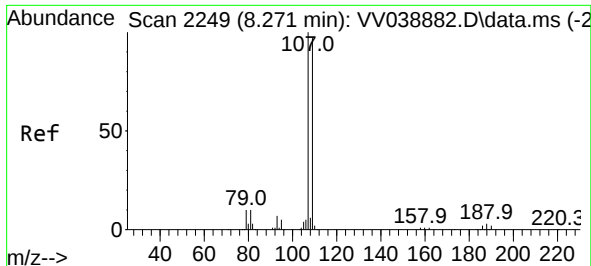
Tgt Ion: 43 Resp: 1528648
Ion Ratio Lower Upper
43 100
58 59.1 29.6 88.8



#60
Dibromochloromethane
Concen: 53.801 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 129 Resp: 336464
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.2

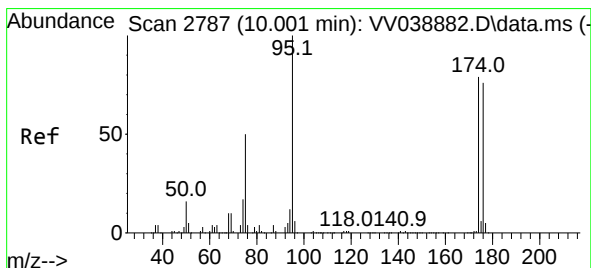
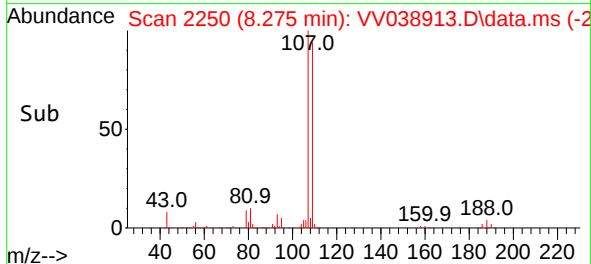
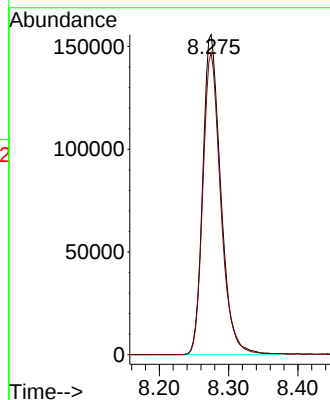
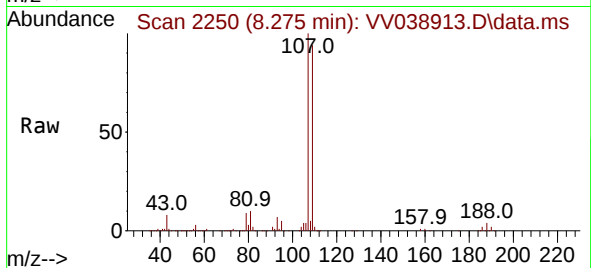




#61
1,2-Dibromoethane
Concen: 52.476 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

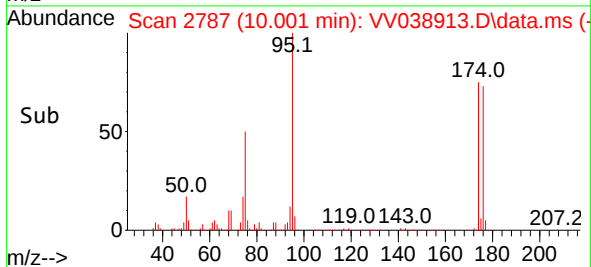
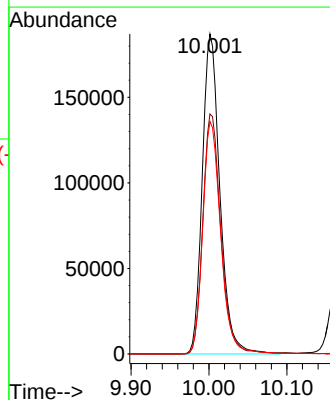
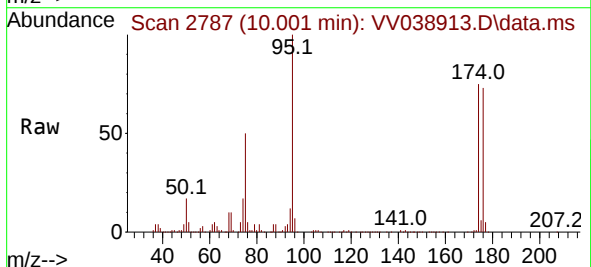
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MSVOA_V
ClientSampleId :
VSTDCCC050EC

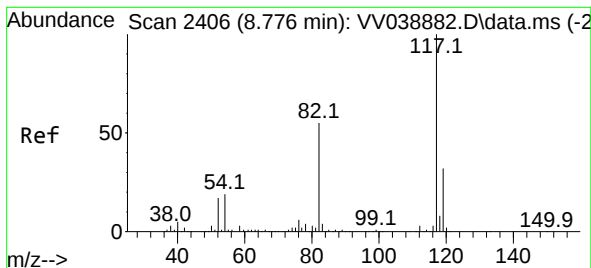
Tgt Ion:107 Resp: 280752
Ion Ratio Lower Upper
107 100
109 93.5 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 53.298 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 95 Resp: 293790
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.0
176 73.9 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

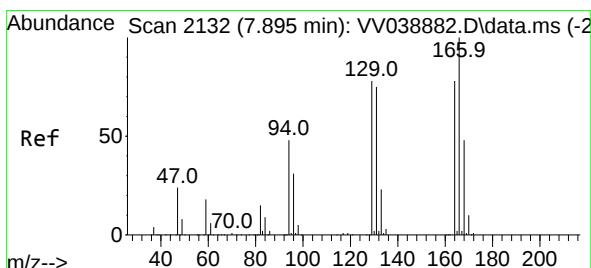
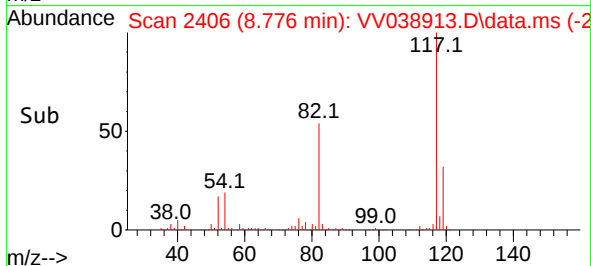
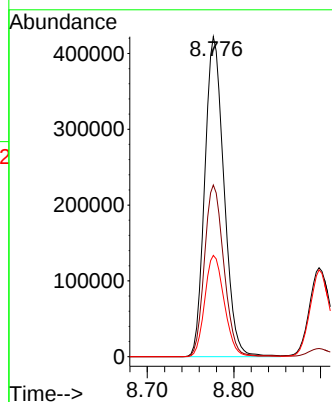
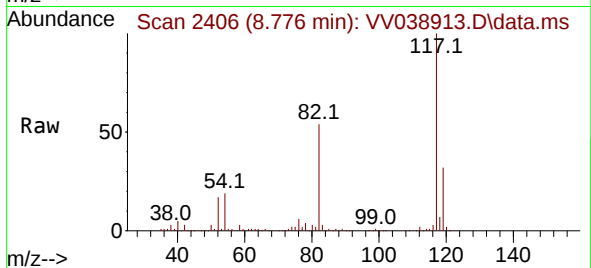
Tgt Ion:117 Resp: 650524

Ion Ratio Lower Upper

117 100

82 53.7 43.7 65.5

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 45.076 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Tgt Ion:164 Resp: 192312

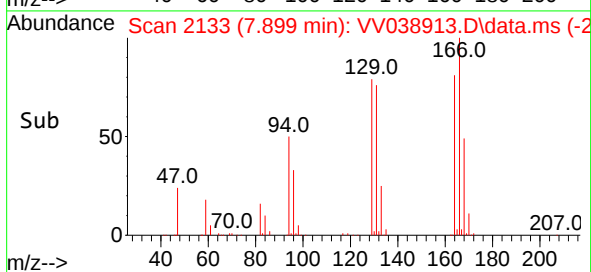
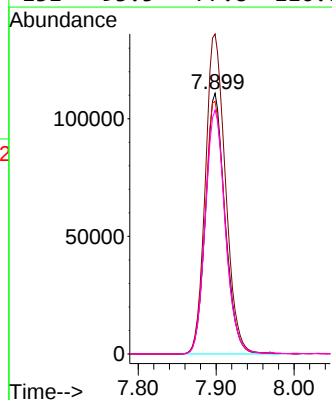
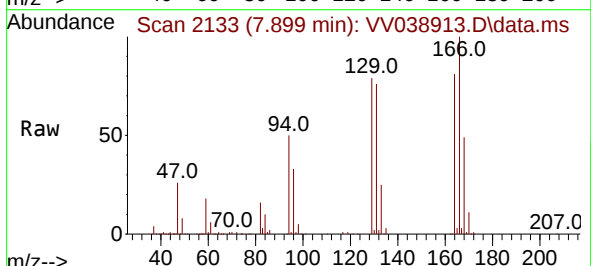
Ion Ratio Lower Upper

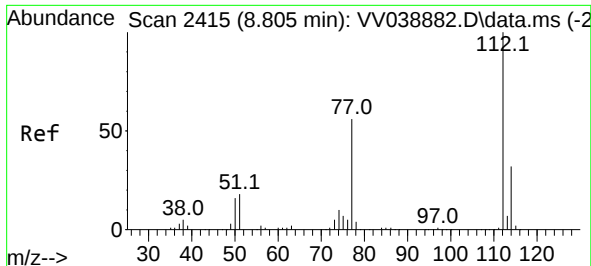
164 100

166 122.8 103.2 154.8

129 96.9 81.0 121.4

131 93.5 77.8 116.8

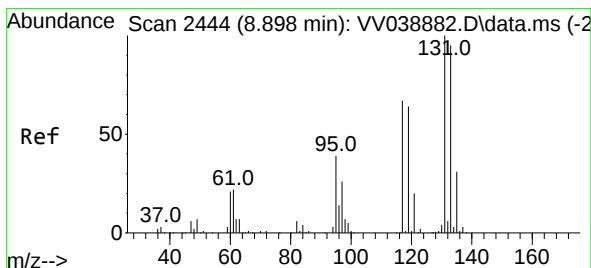
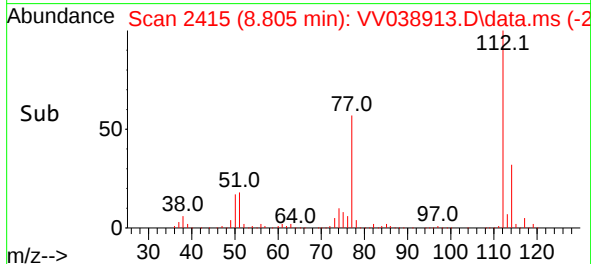
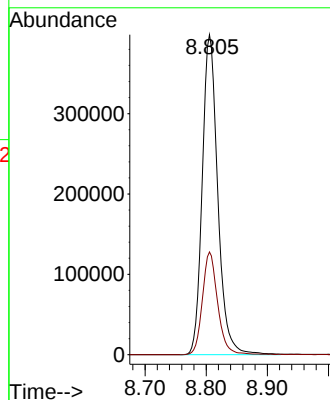
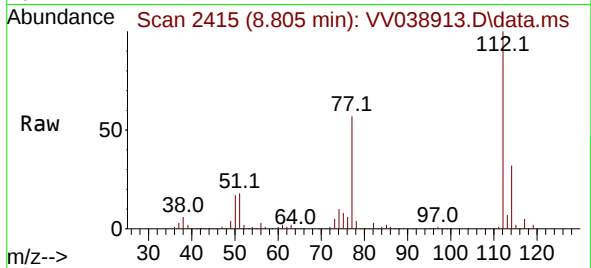




#65
Chlorobenzene
Concen: 49.381 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

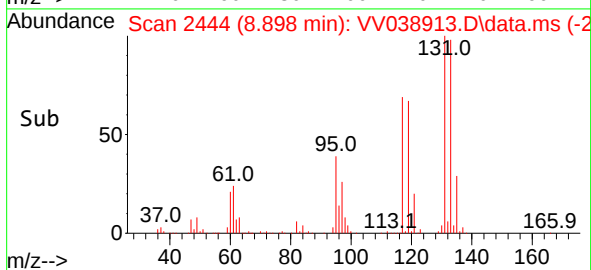
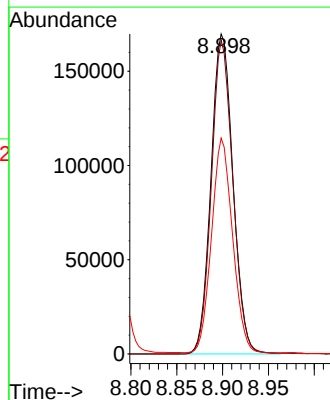
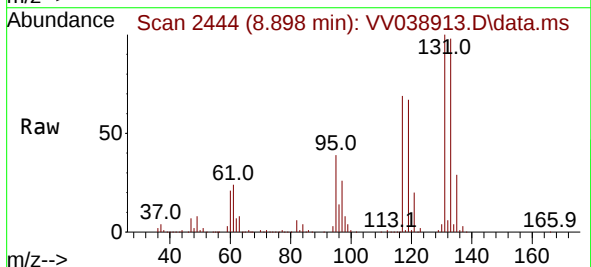
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

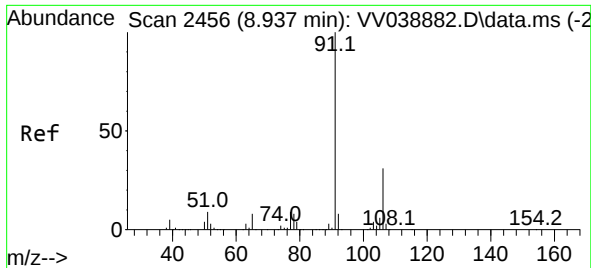
Tgt Ion:112 Resp: 701902
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.032 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion:131 Resp: 283607
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 64.8 32.0 96.2

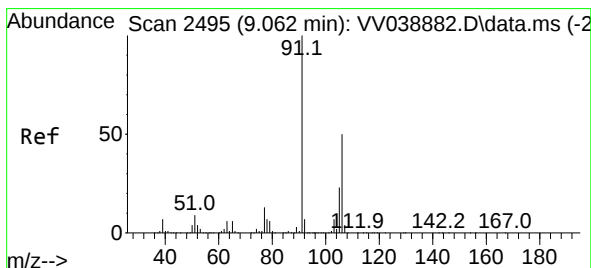
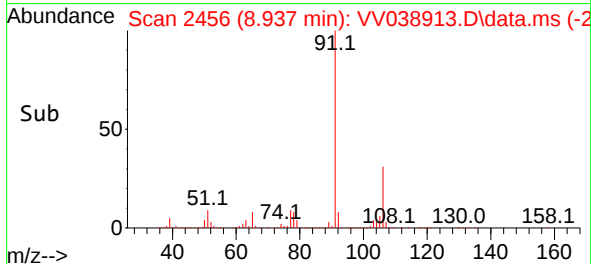
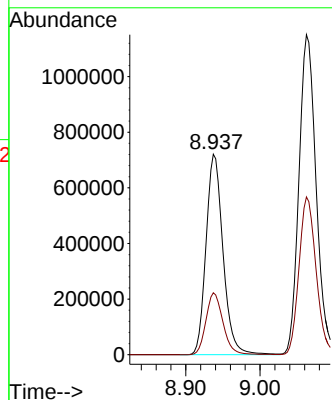
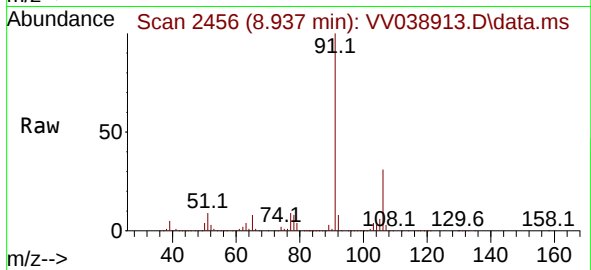




#67
Ethyl Benzene
Concen: 54.314 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

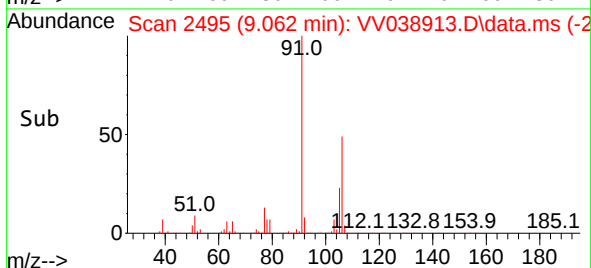
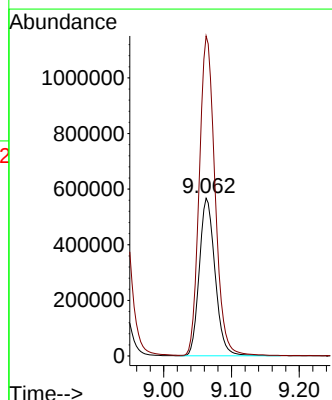
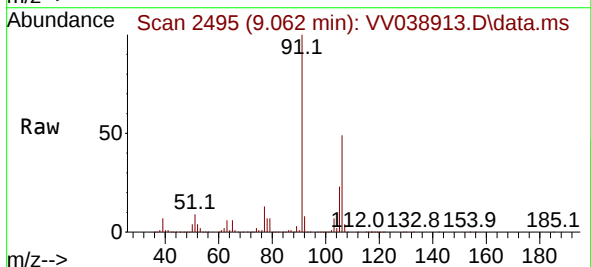
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

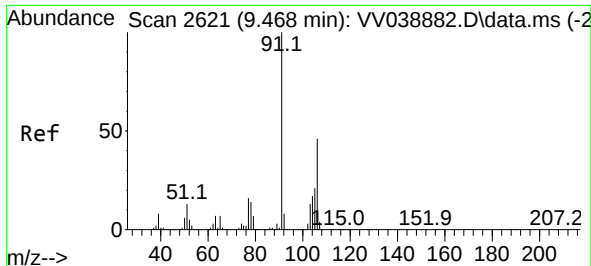
Tgt Ion: 91 Resp: 1146358
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2



#68
m/p-Xylenes
Concen: 111.289 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion:106 Resp: 914505
Ion Ratio Lower Upper
106 100
91 203.2 161.0 241.6

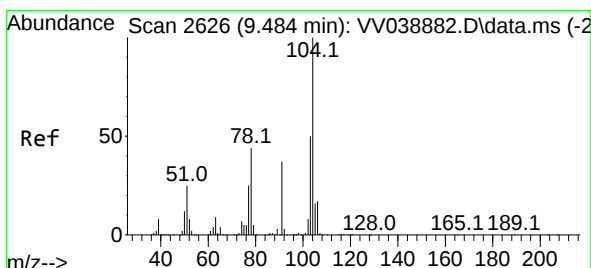
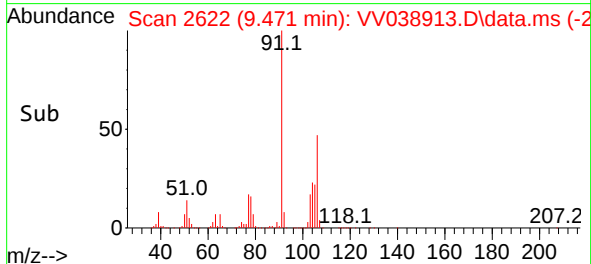
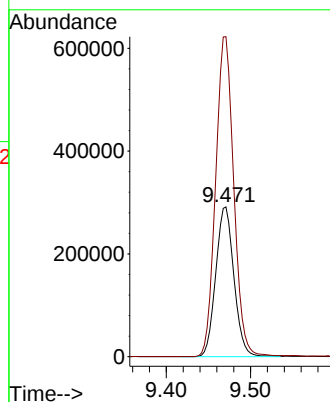
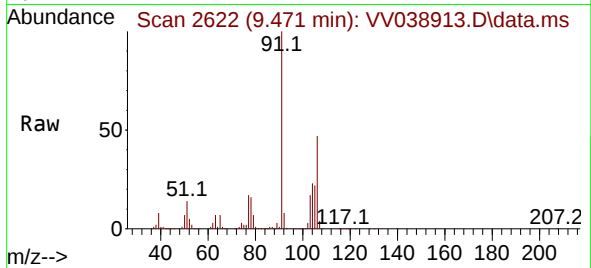




#69
o-Xylene
Concen: 56.185 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

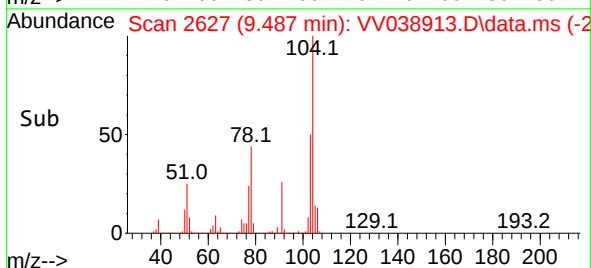
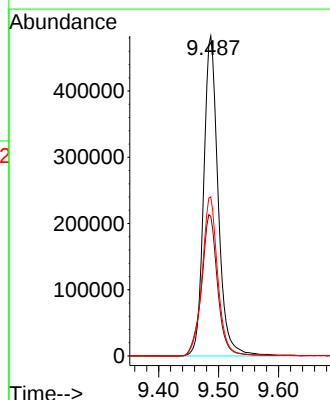
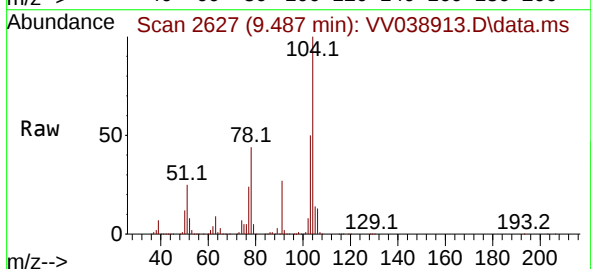
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

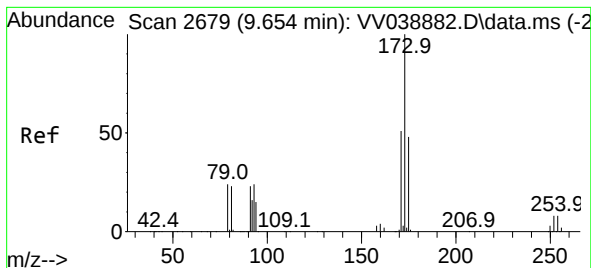
Tgt Ion:106 Resp: 435769
Ion Ratio Lower Upper
106 100
91 213.1 108.9 326.6



#70
Styrene
Concen: 59.355 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion:104 Resp: 813633
Ion Ratio Lower Upper
104 100
78 48.9 39.9 59.9
103 54.0 43.4 65.2





#71

Bromoform

Concen: 52.806 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

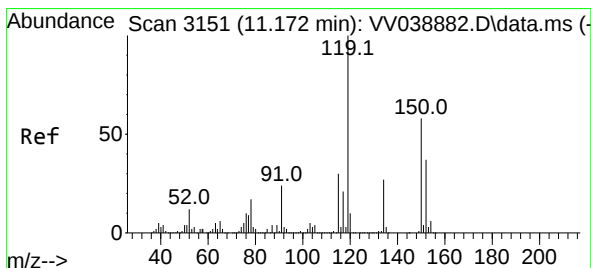
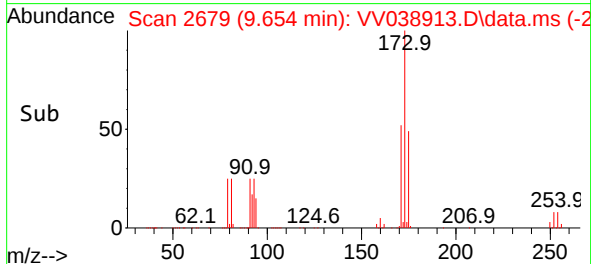
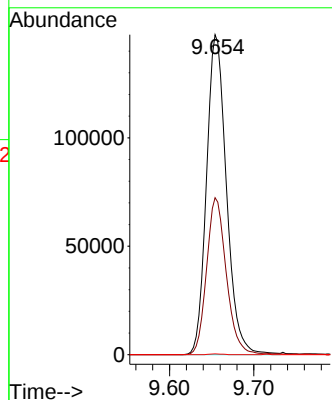
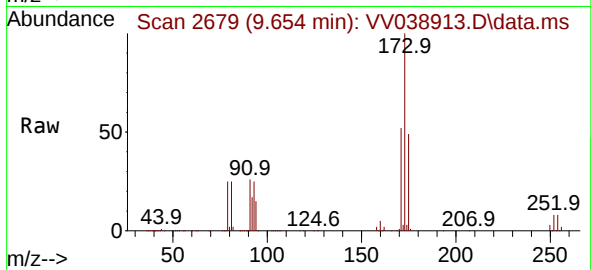
Tgt Ion:173 Resp: 243308

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

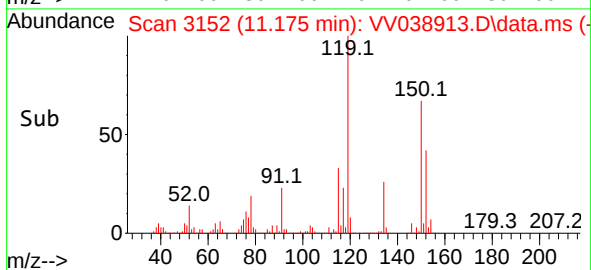
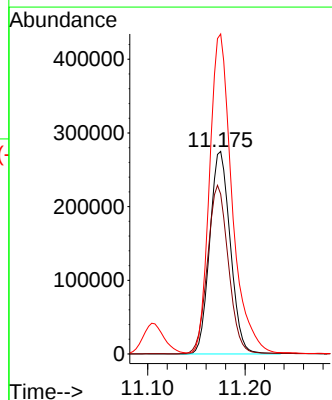
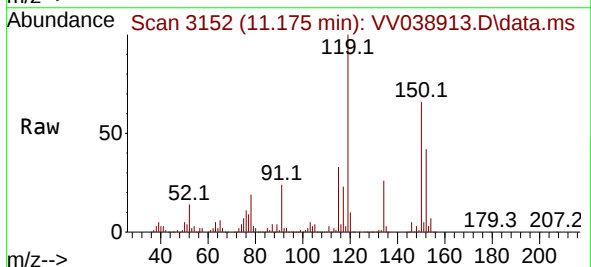
Tgt Ion:152 Resp: 403239

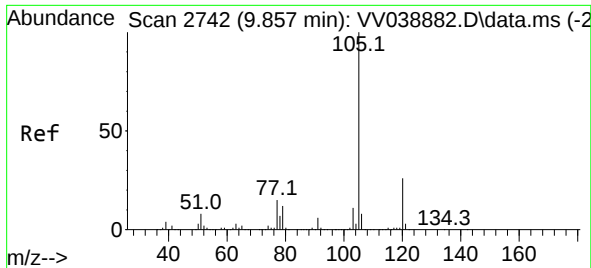
Ion Ratio Lower Upper

152 100

115 84.7 41.8 125.4

150 172.9 0.0 342.4

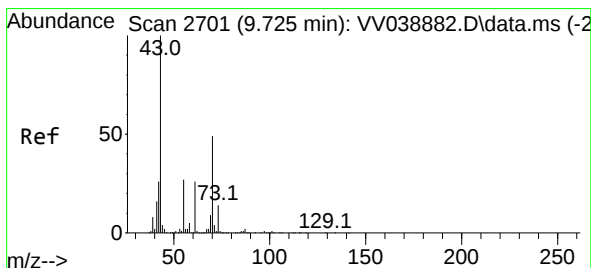
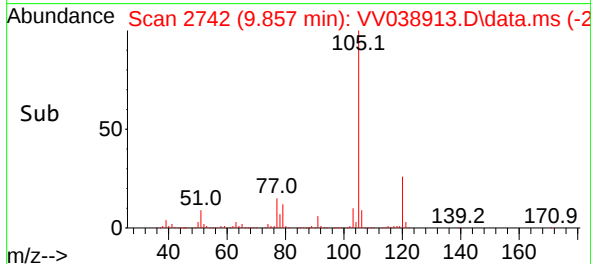
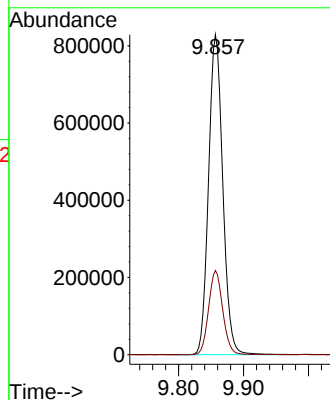
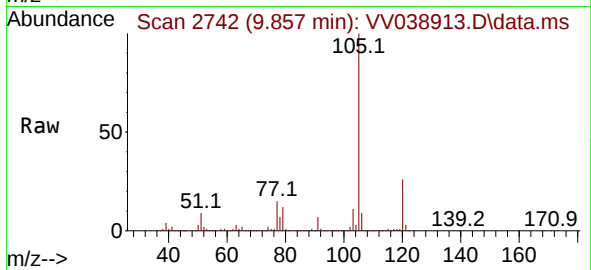




#73
Isopropylbenzene
Concen: 52.416 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

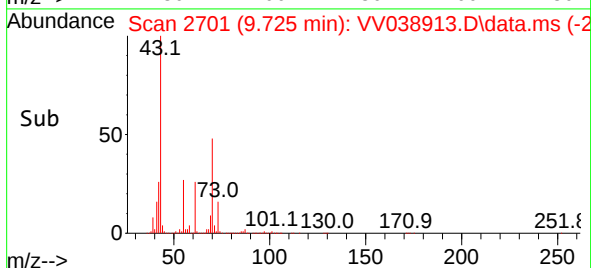
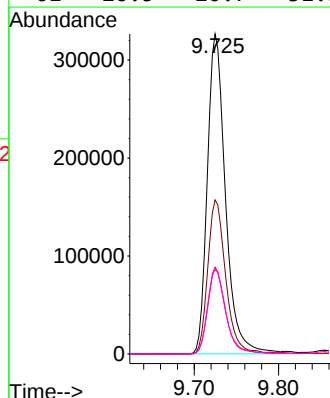
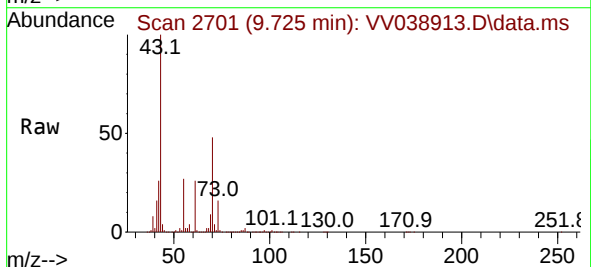
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

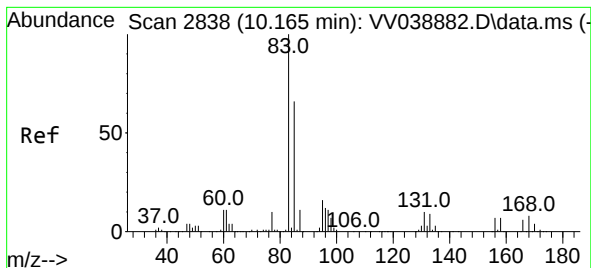
Tgt Ion:105 Resp: 1262922
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7



#74
N-ethyl acetate
Concen: 55.387 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 43 Resp: 488849
Ion Ratio Lower Upper
43 100
70 48.0 38.6 58.0
55 27.1 21.8 32.8
61 26.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.369 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

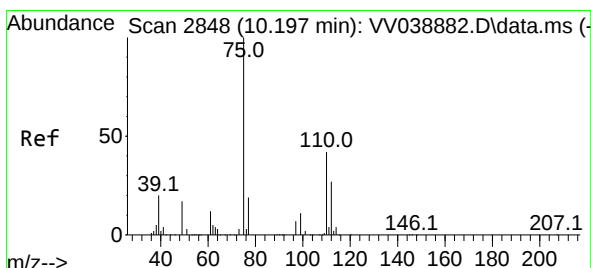
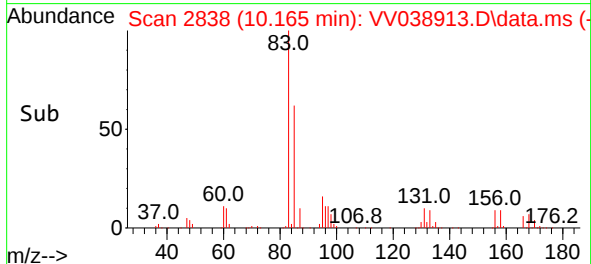
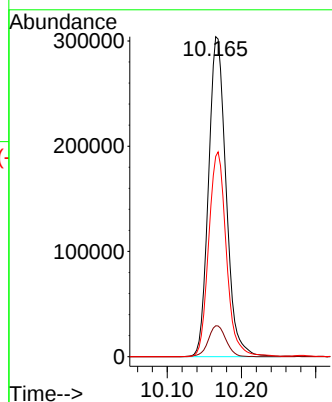
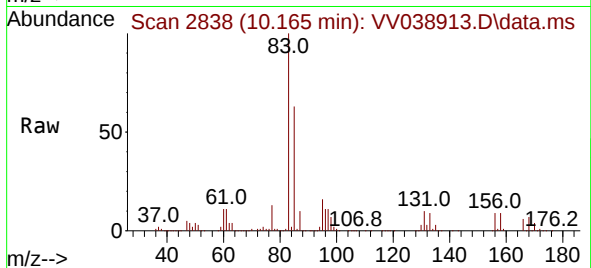
Tgt Ion: 83 Resp: 498231

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 64.4 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 49.203 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038913.D

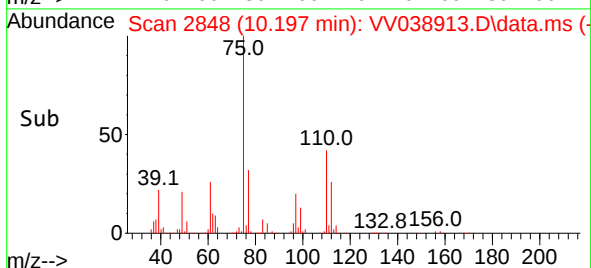
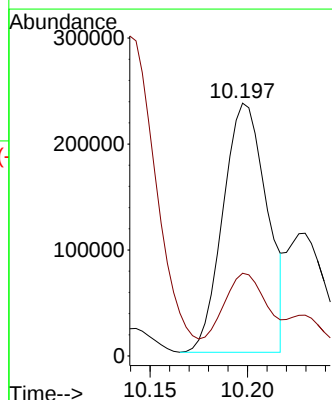
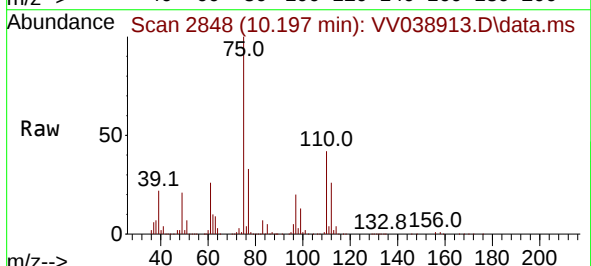
Acq: 16 Jul 2025 17:30

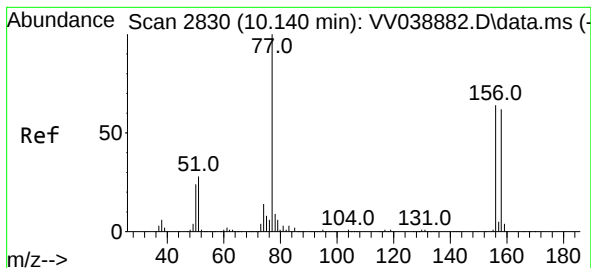
Tgt Ion: 75 Resp: 368887

Ion Ratio Lower Upper

75 100

77 23.7 17.4 52.3





#77

Bromobenzene

Concen: 48.536 ug/l

RT: 10.143 min Scan# 2831

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

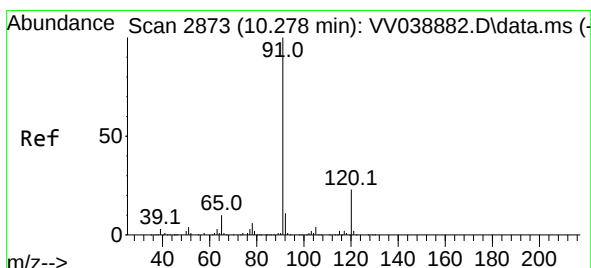
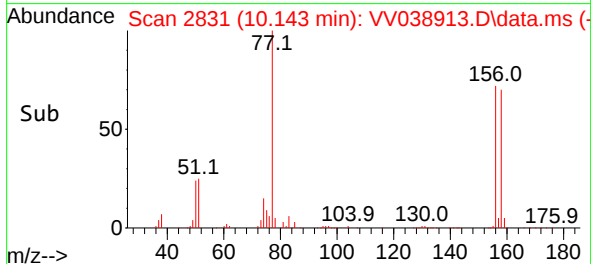
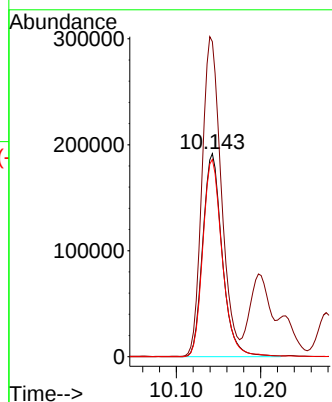
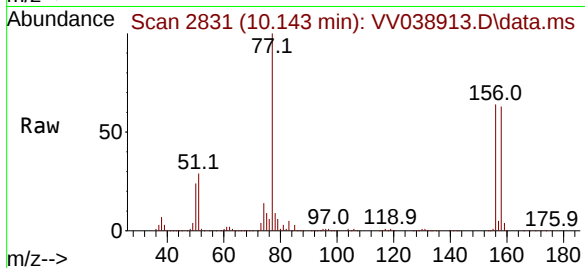
Tgt Ion:156 Resp: 306765

Ion Ratio Lower Upper

156 100

77 156.1 77.2 231.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 53.007 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038913.D

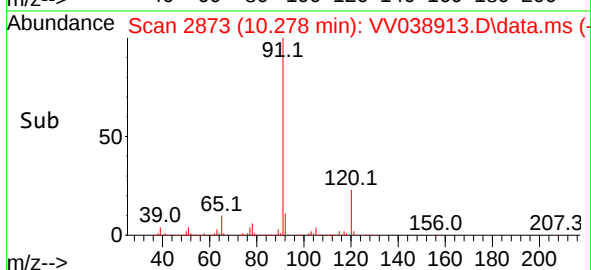
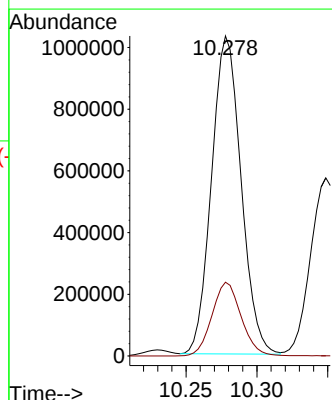
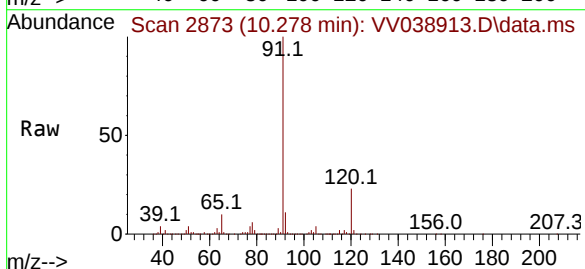
Acq: 16 Jul 2025 17:30

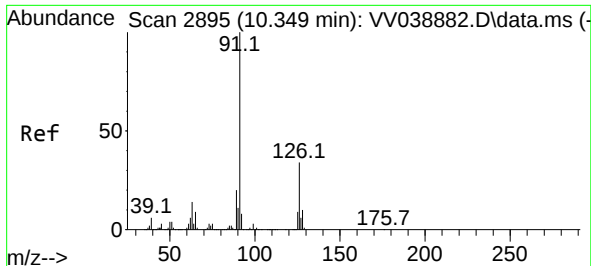
Tgt Ion: 91 Resp: 1492678

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

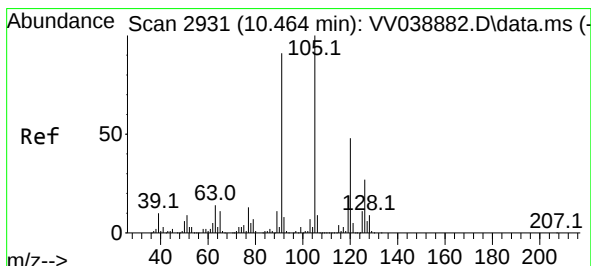
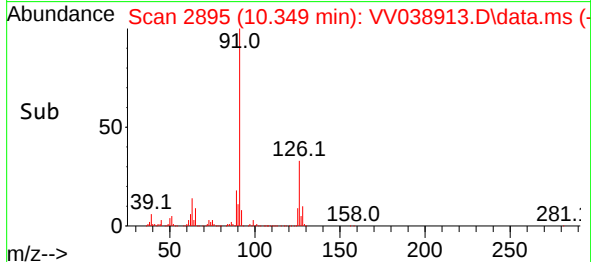
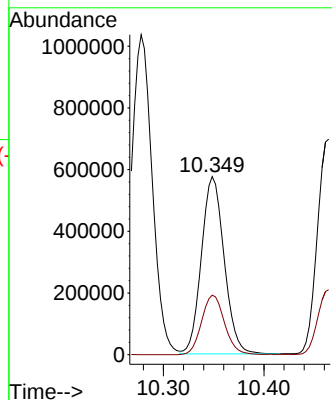
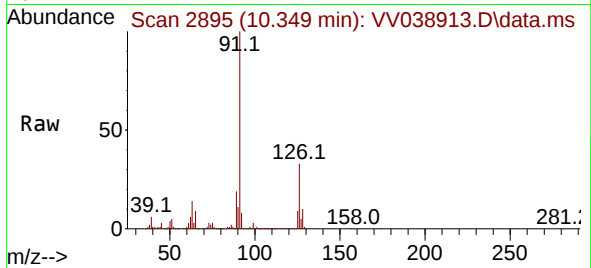




#79
2-Chlorotoluene
Concen: 50.465 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

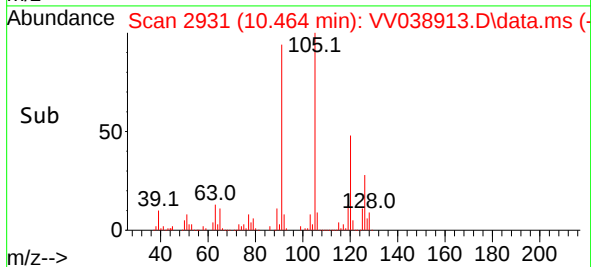
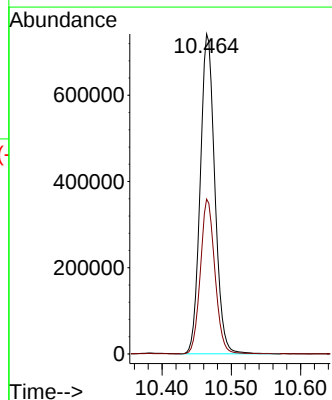
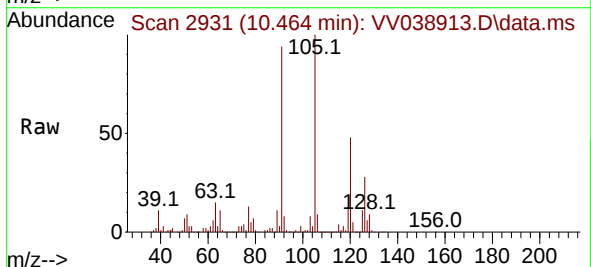
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

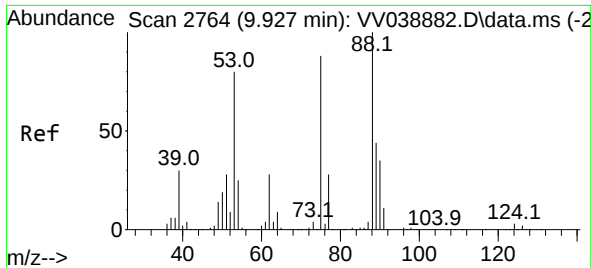
Tgt Ion: 91 Resp: 903760
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 53.434 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 105 Resp: 1085695
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0

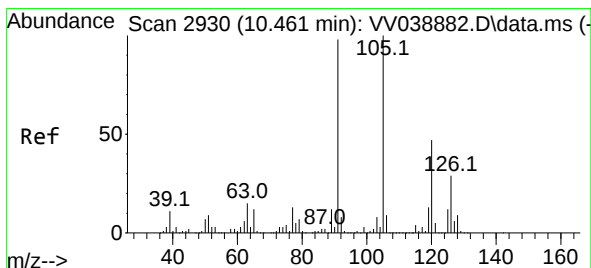
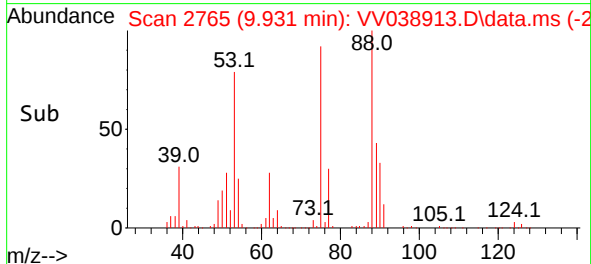
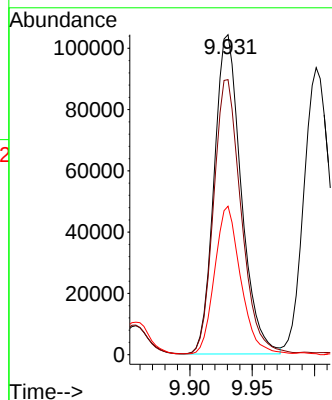
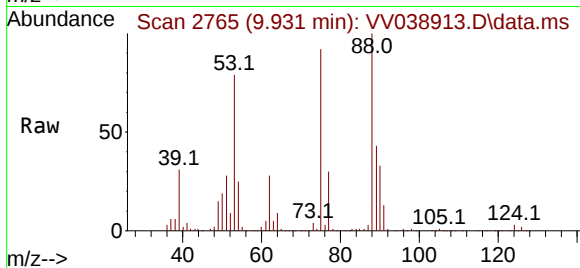




#81
trans-1,4-Dichloro-2-butene
Concen: 51.389 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

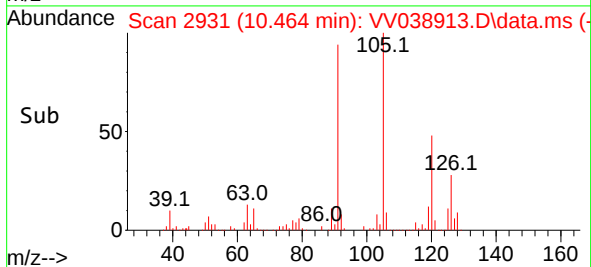
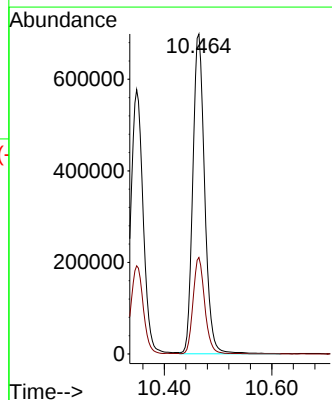
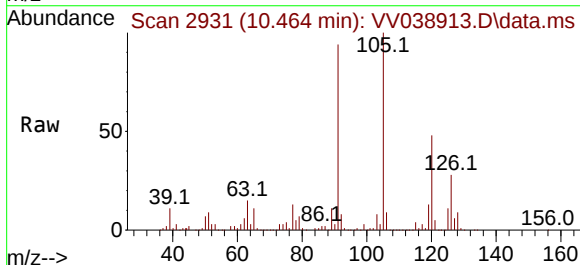
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

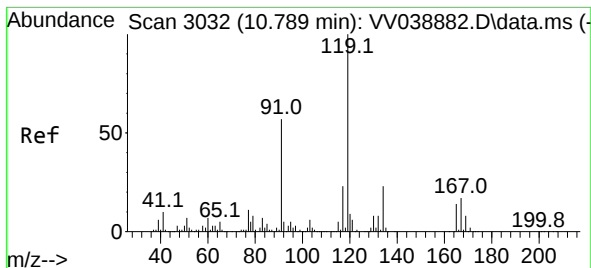
Tgt Ion: 75 Resp: 157880
Ion Ratio Lower Upper
75 100
53 86.8 71.3 106.9
89 44.4 42.2 63.2



#82
4-Chlorotoluene
Concen: 53.403 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion: 91 Resp: 1069070
Ion Ratio Lower Upper
91 100
126 29.3 14.9 44.9





#83

tert-Butylbenzene

Concen: 52.409 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

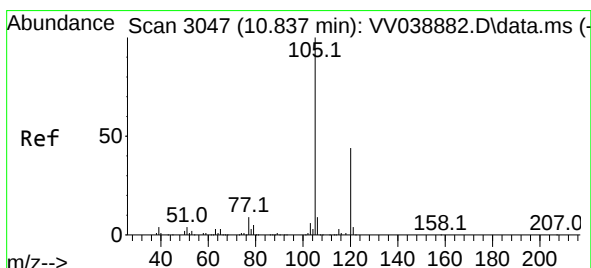
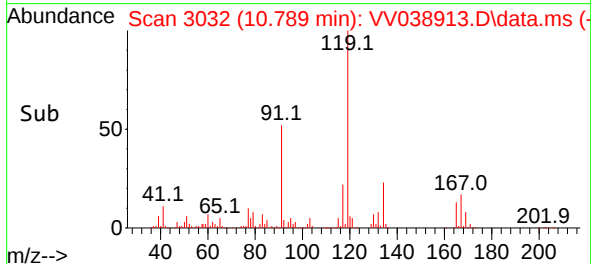
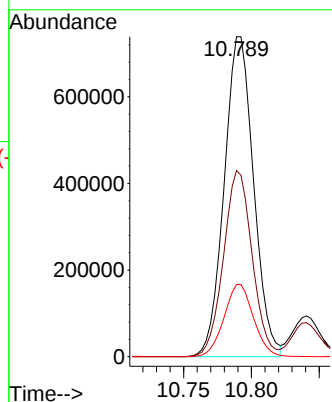
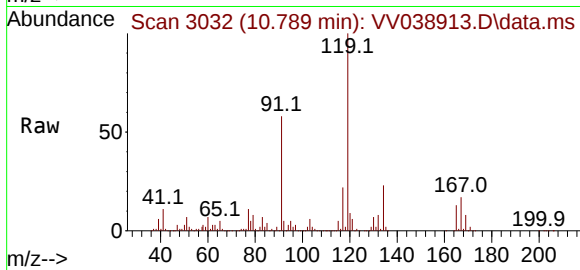
Tgt Ion:119 Resp: 1116444

Ion Ratio Lower Upper

119 100

91 56.7 28.1 84.2

134 22.6 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 54.804 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038913.D

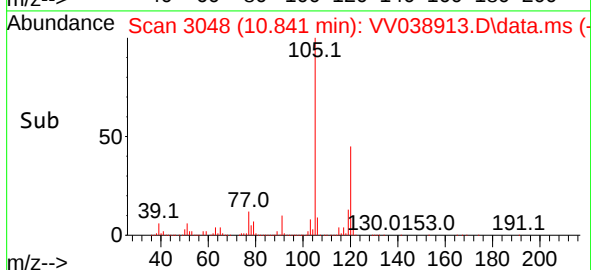
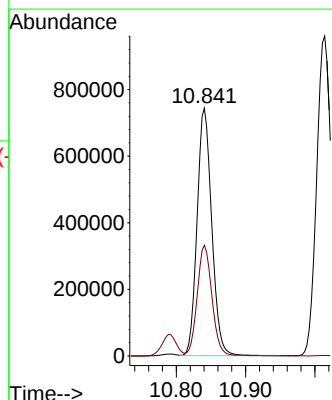
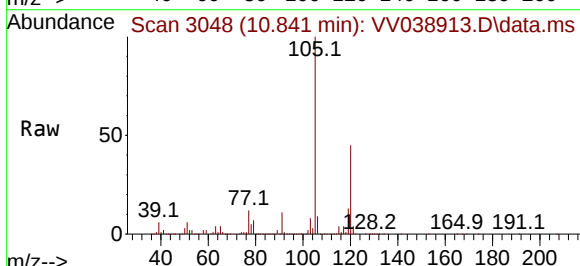
Acq: 16 Jul 2025 17:30

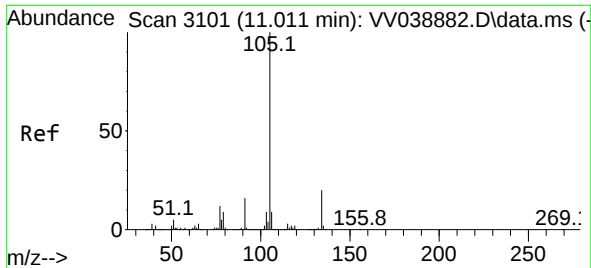
Tgt Ion:105 Resp: 1095692

Ion Ratio Lower Upper

105 100

120 44.7 22.6 67.8

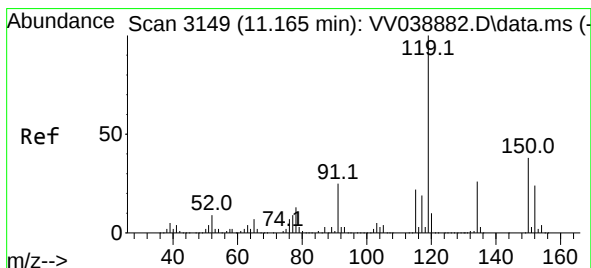
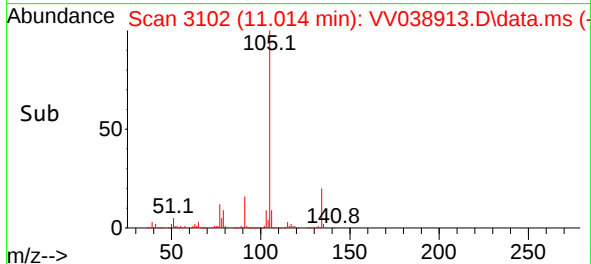
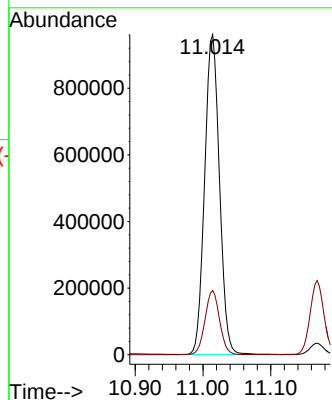
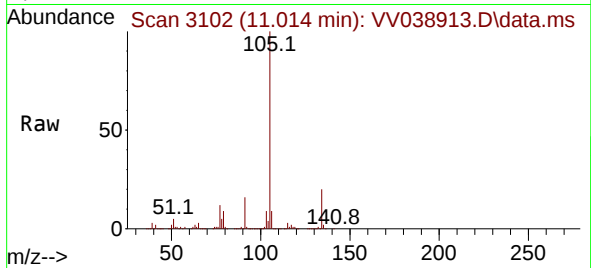




#85
 sec-Butylbenzene
 Concen: 53.479 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

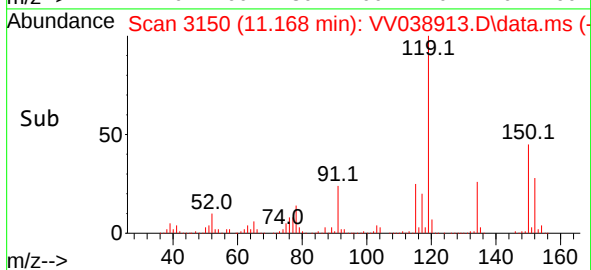
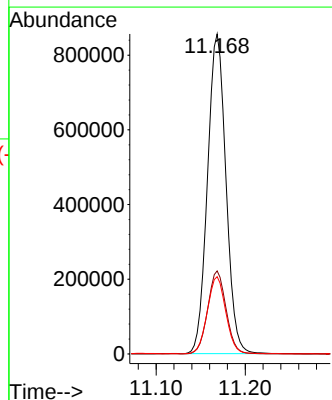
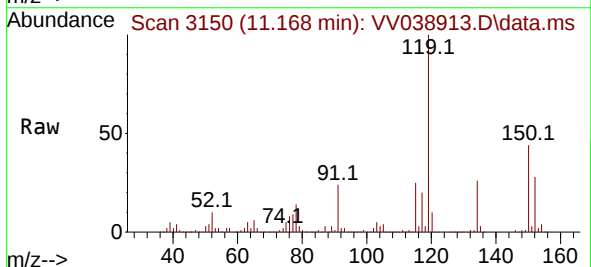
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

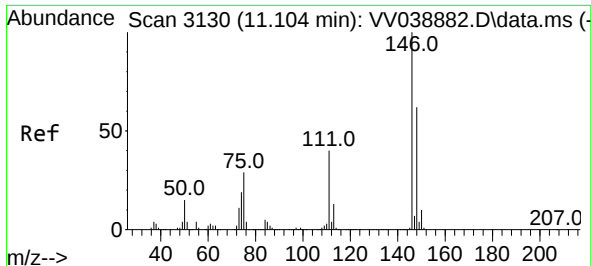
Tgt Ion:105 Resp: 1454035
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 53.266 ug/l
 RT: 11.168 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion:119 Resp: 1229571
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 24.1 12.3 36.8

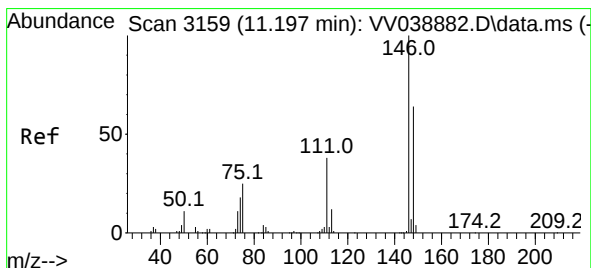
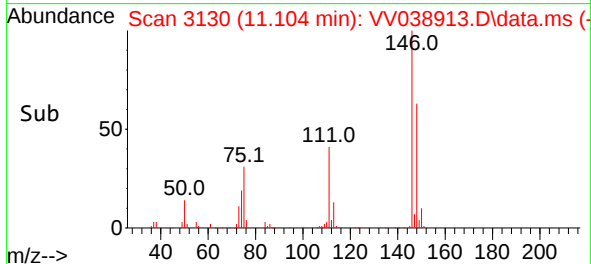
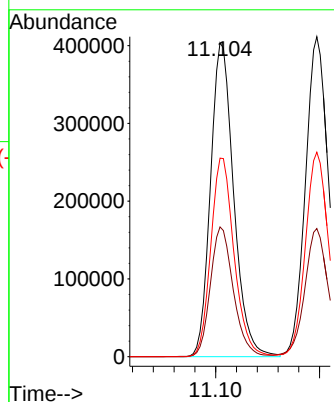
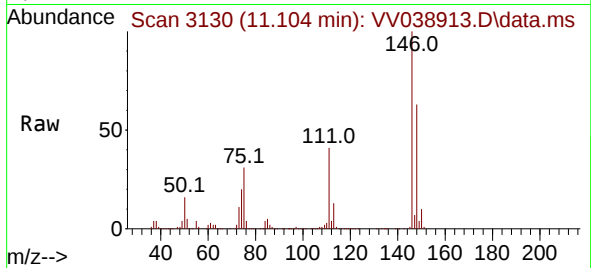




#87
 1,3-Dichlorobenzene
 Concen: 48.509 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

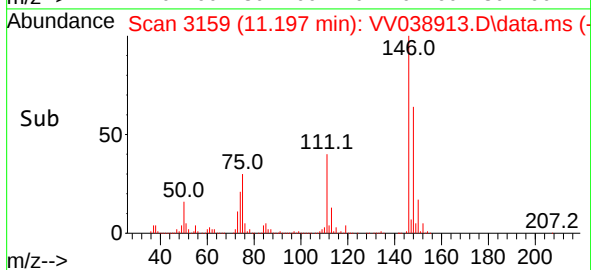
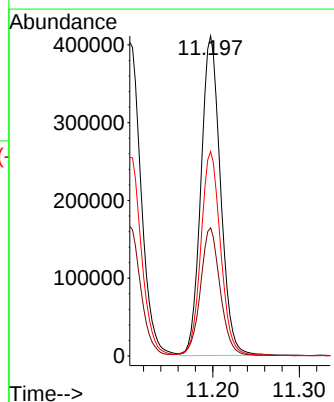
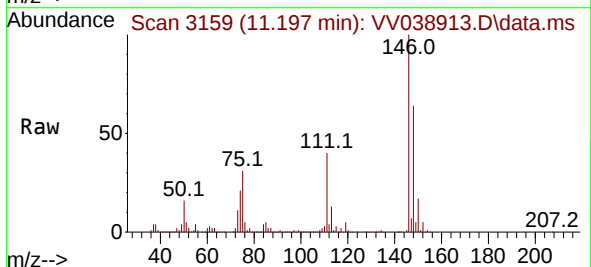
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

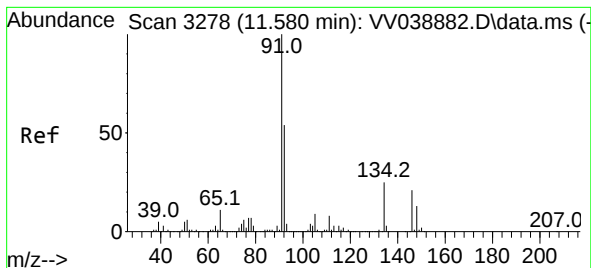
Tgt Ion:146 Resp: 625804
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.2 60.5
 148 63.7 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 45.924 ug/l
 RT: 11.197 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion:146 Resp: 644467
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.8 59.3
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 54.757 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

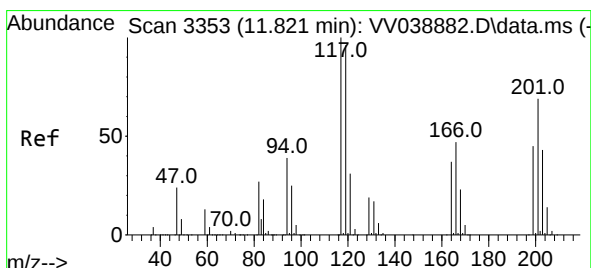
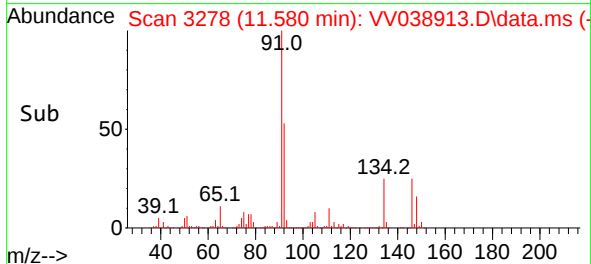
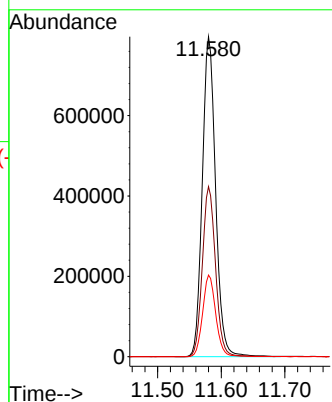
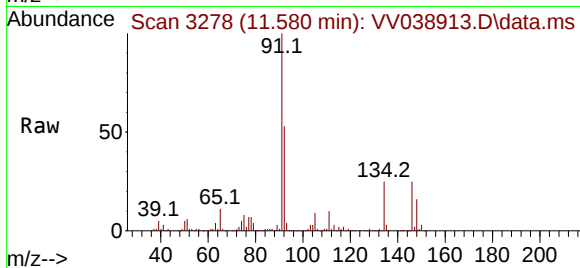
MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1153906

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.7	80.1
134	25.2	12.7	38.1



#90

Hexachloroethane

Concen: 47.383 ug/l

RT: 11.821 min Scan# 3353

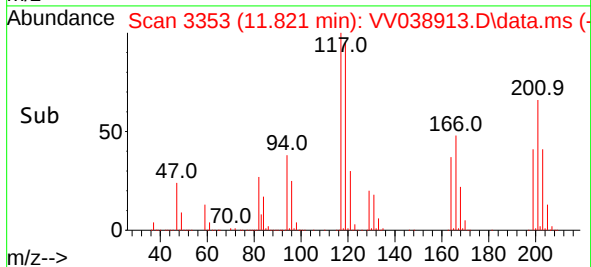
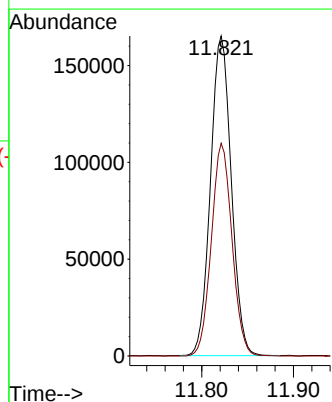
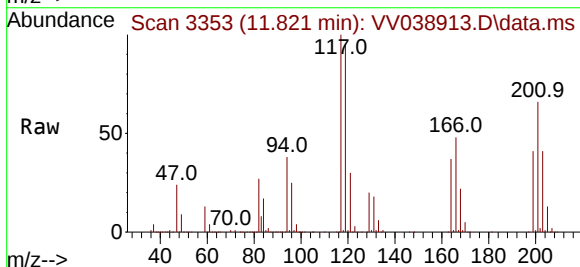
Delta R.T. 0.000 min

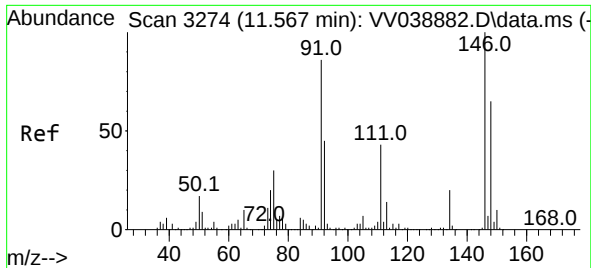
Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Tgt Ion: 117 Resp: 260148

Ion	Ratio	Lower	Upper
117	100		
201	66.0	34.0	102.0

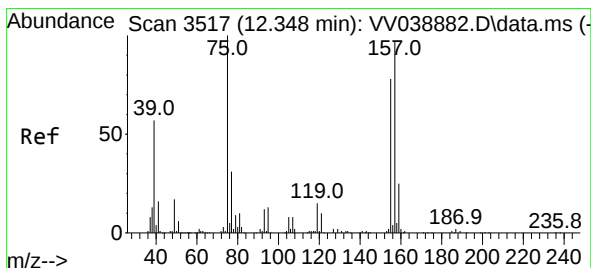
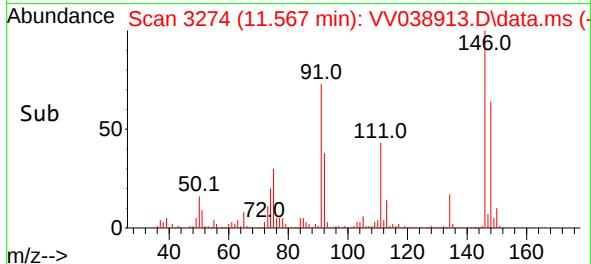
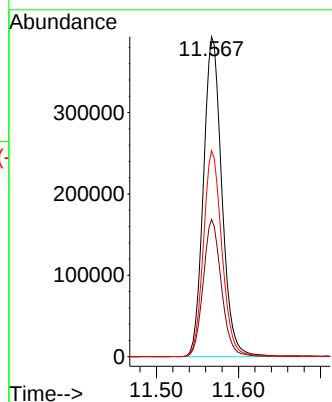
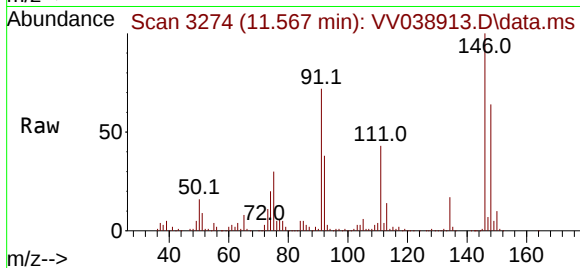




#91
 1,2-Dichlorobenzene
 Concen: 48.833 ug/l
 RT: 11.567 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

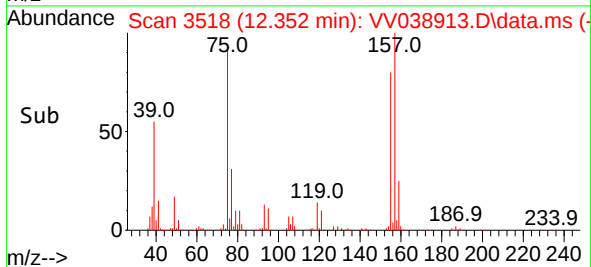
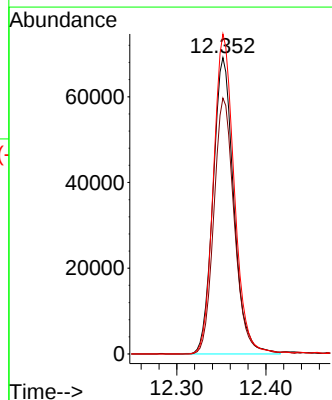
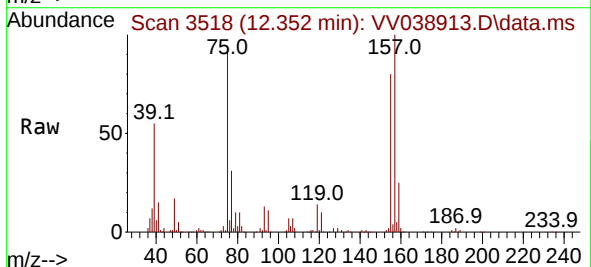
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

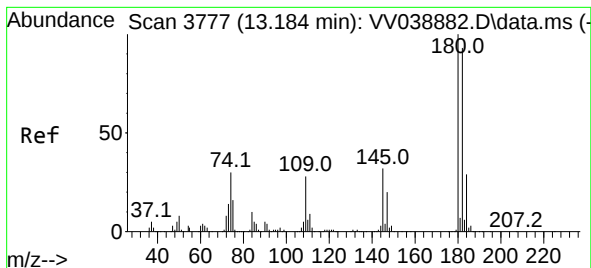
Tgt Ion:146 Resp: 611552
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.3
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.171 ug/l
 RT: 12.352 min Scan# 3518
 Delta R.T. 0.003 min
 Lab File: VV038913.D
 Acq: 16 Jul 2025 17:30

Tgt Ion: 75 Resp: 112194
 Ion Ratio Lower Upper
 75 100
 155 85.2 40.2 120.6
 157 107.8 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 53.427 ug/l

RT: 13.184 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

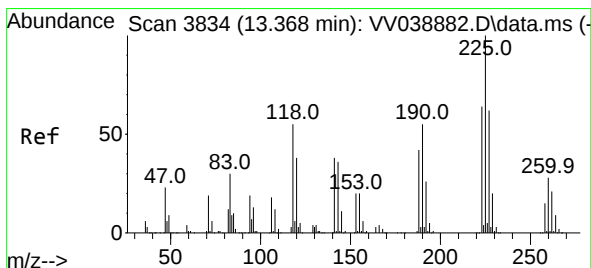
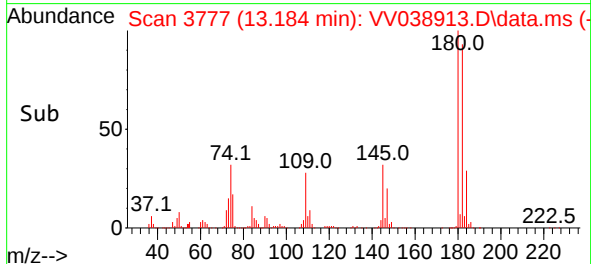
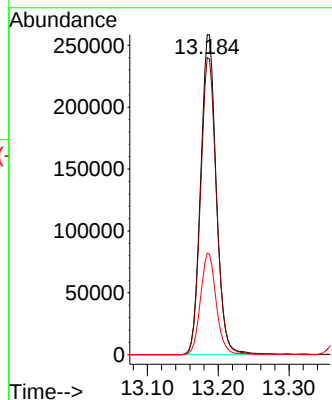
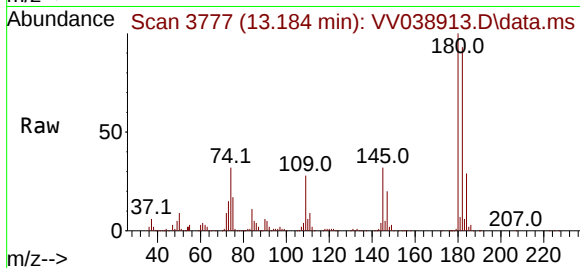
Tgt Ion:180 Resp: 394958

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.3

145 32.1 16.2 48.6



#94

Hexachlorobutadiene

Concen: 48.291 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038913.D

Acq: 16 Jul 2025 17:30

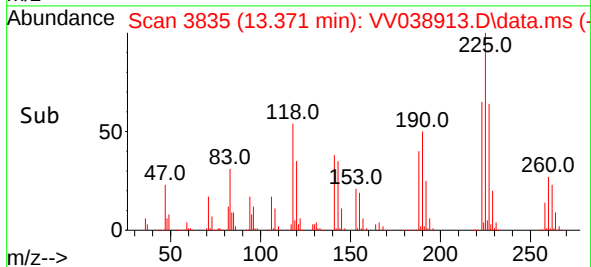
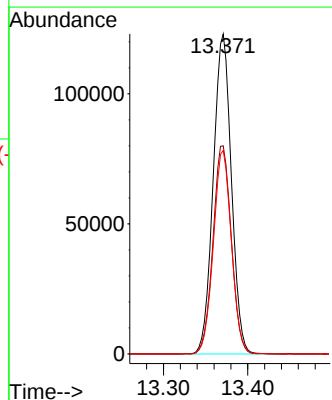
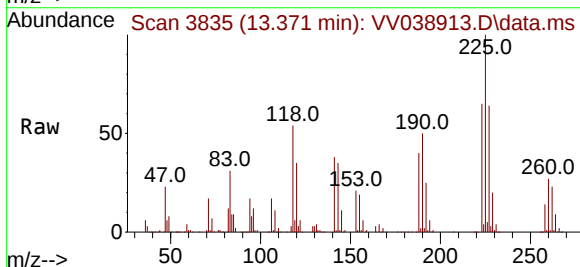
Tgt Ion:225 Resp: 183839

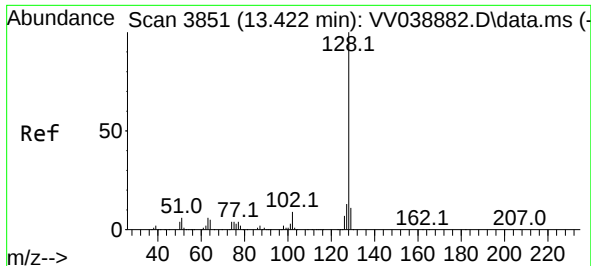
Ion Ratio Lower Upper

225 100

223 65.7 32.4 97.2

227 63.2 31.3 93.9

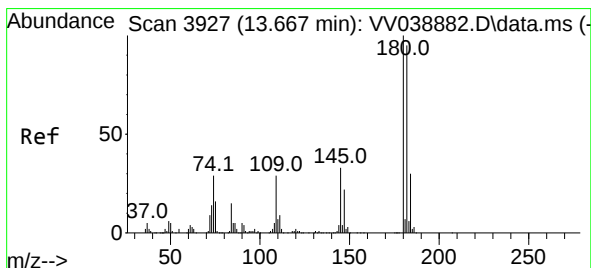
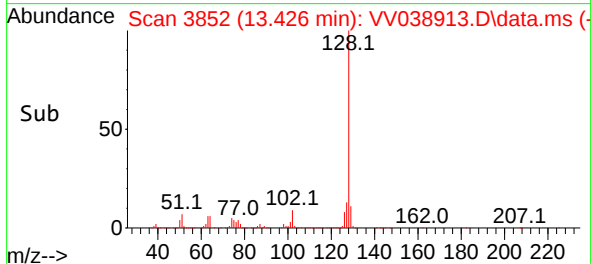
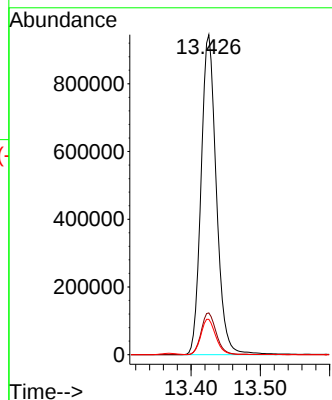
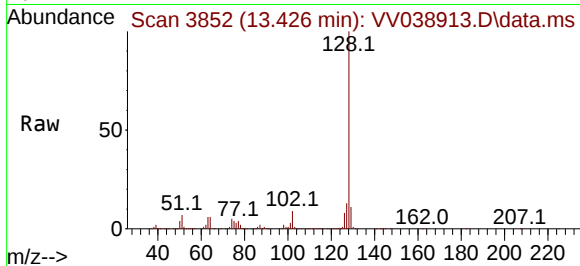




#95
Naphthalene
Concen: 59.487 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1444849
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.517 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV038913.D
Acq: 16 Jul 2025 17:30

Tgt Ion:180 Resp: 417730
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.2
145 34.4 17.0 51.0

