

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW120524\
 Data File : VW038412.D
 Acq On : 05 Dec 2024 10:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 01:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	555393	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	552185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	308502	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	209673	45.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.360%
7) Chloroethane-d5	1.526	69	175013	44.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	2.050	65	94071	47.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.620%
21) 2-Butanone-d5	3.780	46	272649	123.457	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.460%
24) Chloroform-d	4.236	84	414636	49.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.220%
26) 1,2-Dichloroethane-d4	4.928	65	246681	49.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	4.947	84	797977	50.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.320%
36) 1,2-Dichloropropane-d6	5.979	67	244666	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	7.233	98	747075	51.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	7.545	79	124490	52.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.060%
47) 2-Hexanone-d5	8.018	63	183685	121.586	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.590%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	367528	53.121	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	11.551	152	285699	47.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	258856	50.749	ug/L	99
3) Chloromethane	1.211	50	253432	47.895	ug/L	98
5) Vinyl chloride	1.278	62	264071	48.927	ug/L	100
6) Bromomethane	1.481	94	169967	50.826	ug/L	100
8) Chloroethane	1.542	64	165502	48.461	ug/L	99
9) Trichlorofluoromethane	1.706	101	362389	50.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	210570	51.376	ug/L	99
12) 1,1-Dichloroethene	2.060	96	192597	49.342	ug/L	95
13) Acetone	2.111	43	364764	119.753	ug/L	99
14) Carbon disulfide	2.233	76	638732	49.722	ug/L	100
15) Methyl Acetate	2.368	43	228814	58.040	ug/L	98
16) Methylene chloride	2.439	84	229838	48.798	ug/L	99
17) trans-1,2-Dichloroethene	2.683	96	210763	49.518	ug/L	97
18) Methyl tert-butyl Ether	2.696	73	638309	51.924	ug/L	99
19) 1,1-Dichloroethane	3.101	63	390137	49.979	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	227363	50.793	ug/L	98
22) 2-Butanone	3.857	43	357411	123.479	ug/L	98
23) Bromochloromethane	4.133	128	124263	51.072	ug/L	94
25) Chloroform	4.262	83	409038	50.199	ug/L	99

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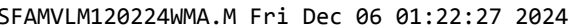
Instrument :
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 ClientSampleId :

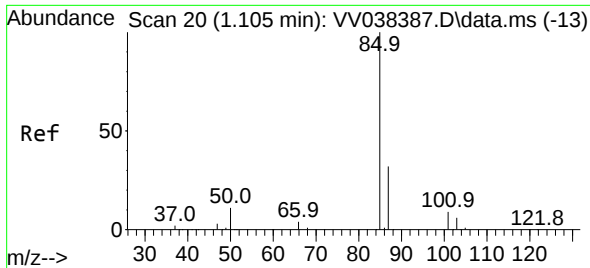
Quant Time: Dec 06 01:22:14 2024
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 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	302938	50.966	ug/L	98
29) Cyclohexane	4.571	56	323443	54.521	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	359288	51.490	ug/L	99
31) Carbon tetrachloride	4.722	117	315789	51.497	ug/L	100
33) Benzene	4.998	78	871874	52.311	ug/L	100
34) Trichloroethene	5.821	95	231050	51.889	ug/L	99
35) Methylcyclohexane	6.040	83	357482	55.906	ug/L	99
37) 1,2-Dichloropropane	6.082	63	231640	53.452	ug/L	100
38) Bromodichloromethane	6.423	83	304461	50.621	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	360417	53.594	ug/L	98
40) 4-Methyl-2-pentanone	7.146	43	583718	120.348	ug/L	100
42) Toluene	7.304	91	933225	53.895	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	352444	54.251	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	234127	52.069	ug/L	99
46) Tetrachloroethene	7.895	164	174078	50.639	ug/L	98
48) 2-Hexanone	8.066	43	508917	125.756	ug/L	98
49) Dibromochloromethane	8.165	129	242203	52.225	ug/L	100
50) 1,2-Dibromoethane	8.272	107	251096	52.988	ug/L	100
51) Chlorobenzene	8.805	112	602320	50.626	ug/L	99
52) Ethylbenzene	8.937	91	1005787	54.156	ug/L	98
53) m,p-Xylene	9.062	106	394734	56.074	ug/L	100
54) o-Xylene	9.471	106	371659	54.880	ug/L	99
55) Styrene	9.487	104	682223	57.381	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	374895	53.675	ug/L	99
59) Bromoform	9.654	173	176303	53.160	ug/L	99
60) Isopropylbenzene	9.857	105	1006688	53.362	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	285590	53.176	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	802663	53.026	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	809739	54.415	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	490488	50.652	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	509359	49.480	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	487837	49.414	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	80411	56.808	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	333472	50.489	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	291143	52.322	ug/L	100
71) Naphthalene	13.432	128	873608	57.910	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	305738	56.005	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

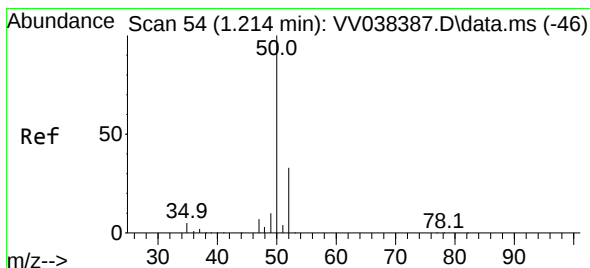
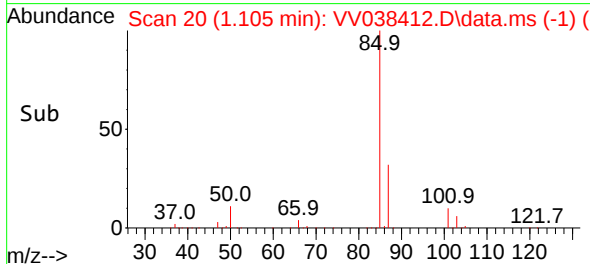
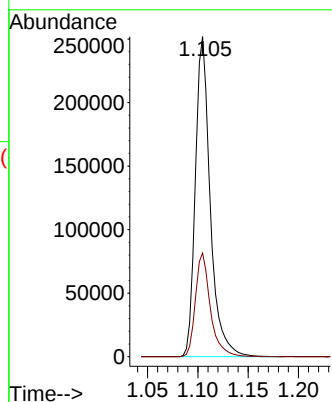
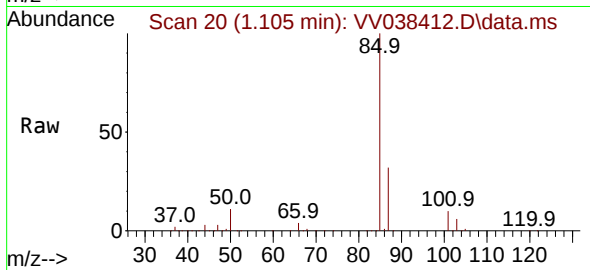




#2
Dichlorodifluoromethane
Concen: 50.749 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

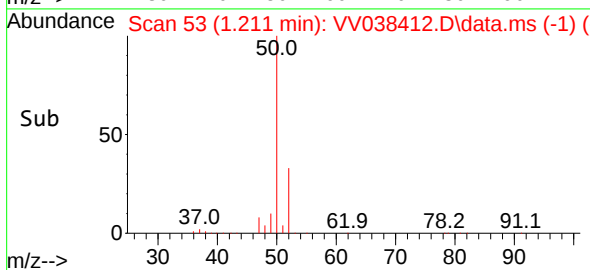
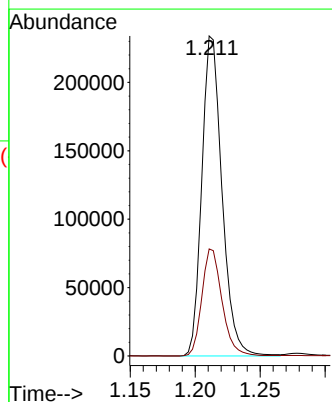
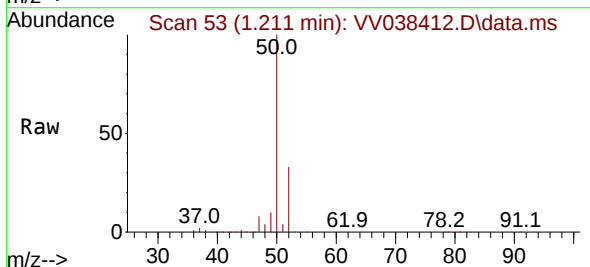
Instrument :
MSVOA_V
ClientSampleId :

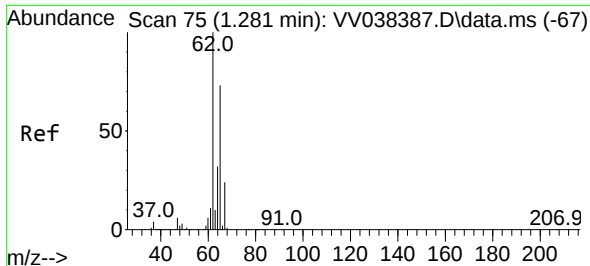
Tgt Ion: 85 Resp: 258856
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6



#3
Chloromethane
Concen: 47.895 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion: 50 Resp: 253432
Ion Ratio Lower Upper
50 100
52 33.5 22.7 42.3

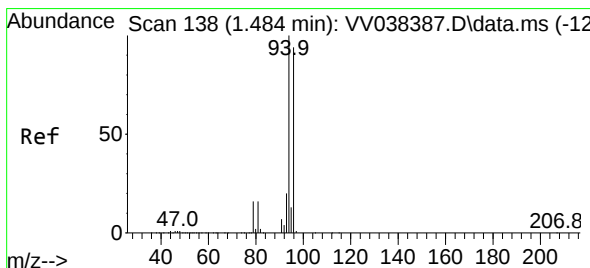
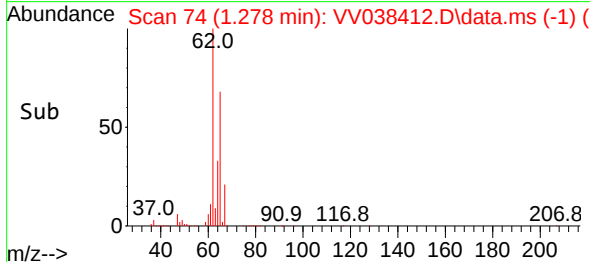
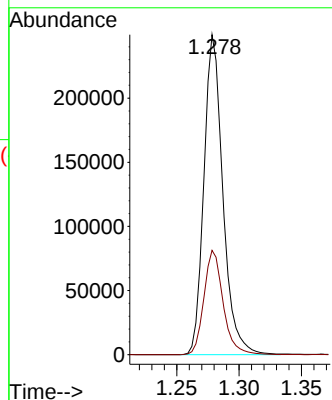
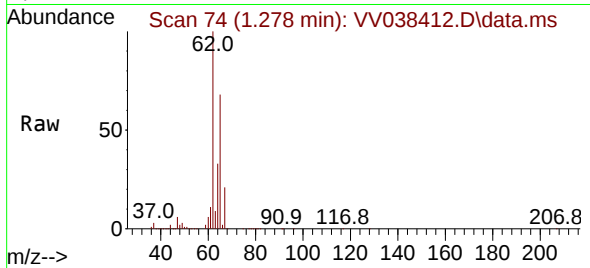




#5
 Vinyl chloride
 Concen: 48.927 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV038412.D
 Acq: 05 Dec 2024 10:43

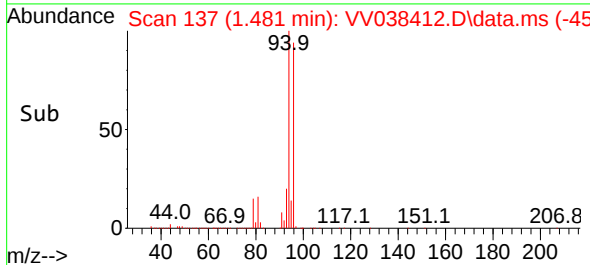
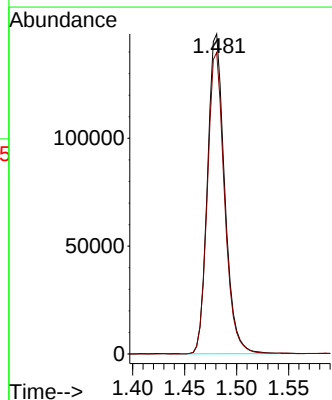
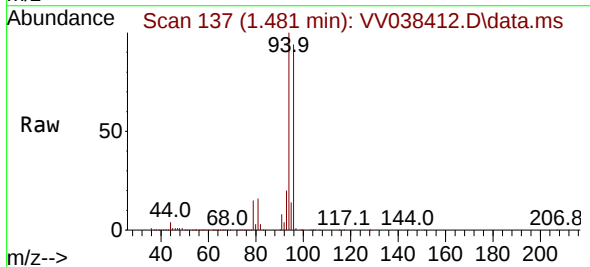
Instrument :
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 ClientSampleId :

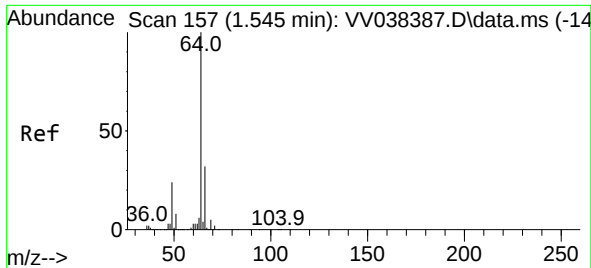
Tgt Ion: 62 Resp: 264071
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 50.826 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV038412.D
 Acq: 05 Dec 2024 10:43

Tgt Ion: 94 Resp: 169967
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.1 122.8

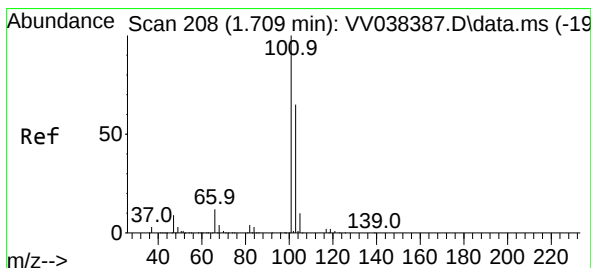
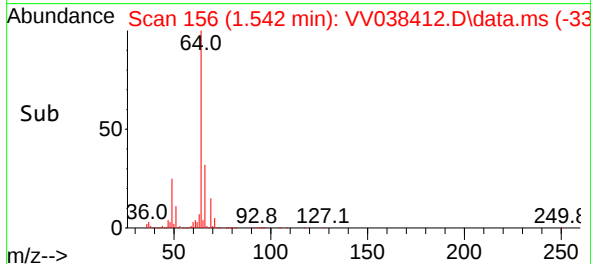
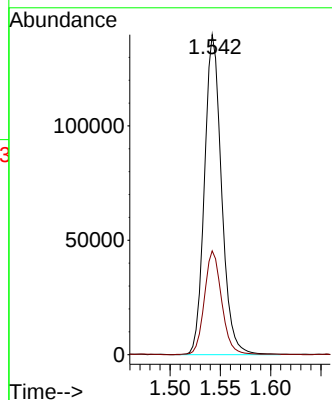
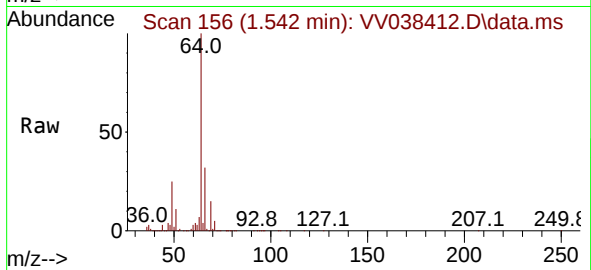




#8
Chloroethane
Concen: 48.461 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

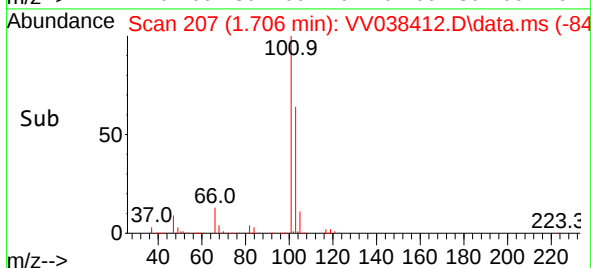
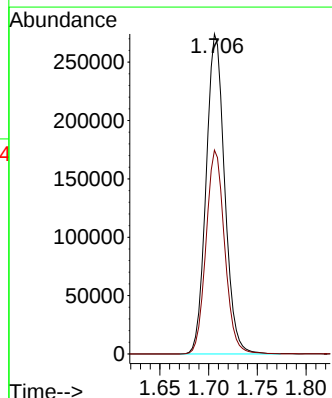
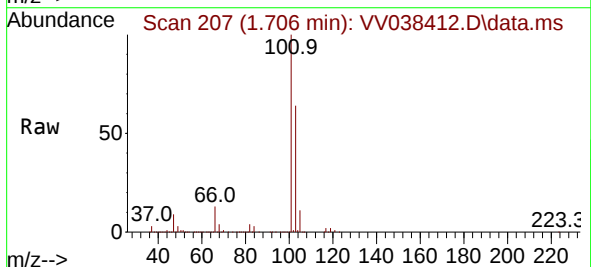
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ClientSampleId :

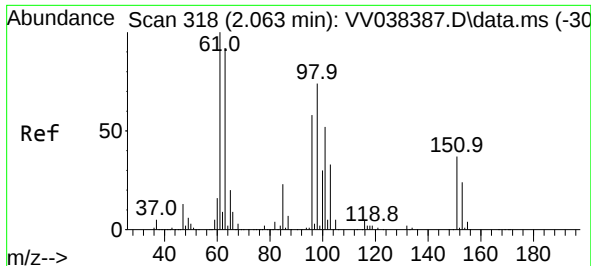
Tgt Ion: 64 Resp: 165502
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 50.909 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion:101 Resp: 362389
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

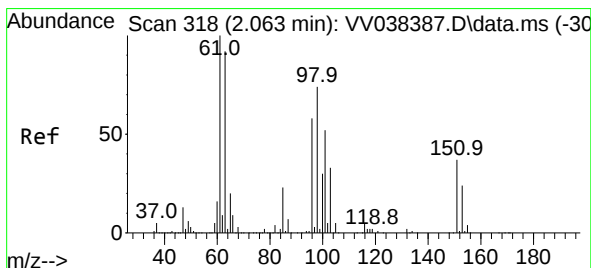
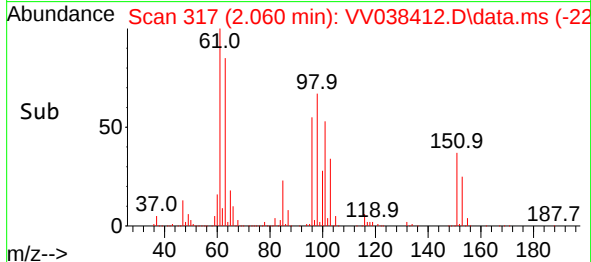
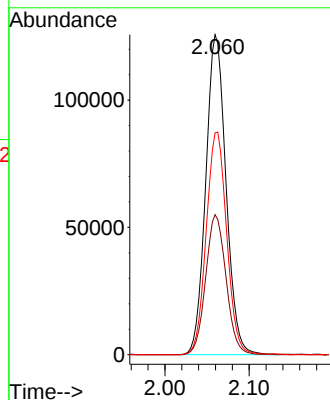
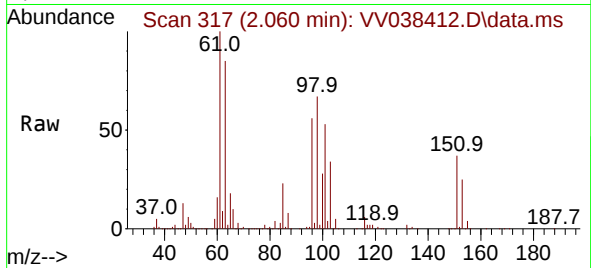




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.376 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038412.D
 Acq: 05 Dec 2024 10:43

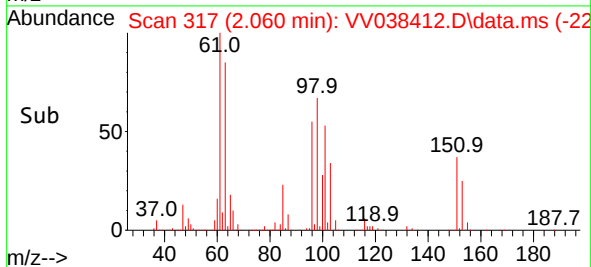
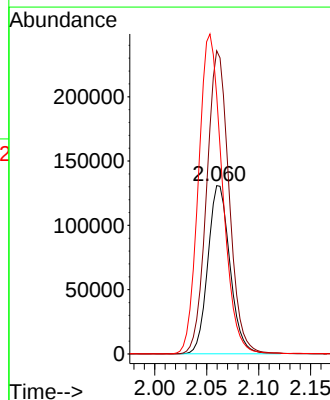
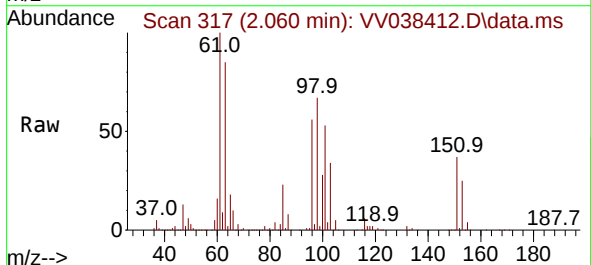
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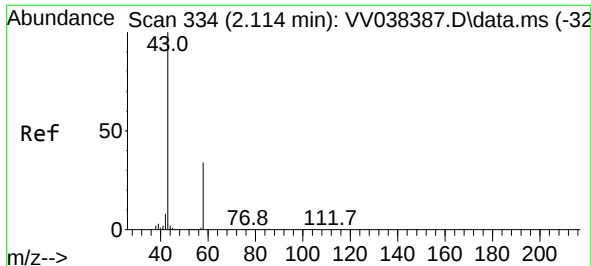
Tgt Ion:101 Resp: 210570
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.7 52.1
 151 70.3 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 49.342 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038412.D
 Acq: 05 Dec 2024 10:43

Tgt Ion: 96 Resp: 192597
 Ion Ratio Lower Upper
 96 100
 61 180.1 120.9 224.5
 63 153.6 110.9 205.9





#13

Acetone

Concen: 119.753 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

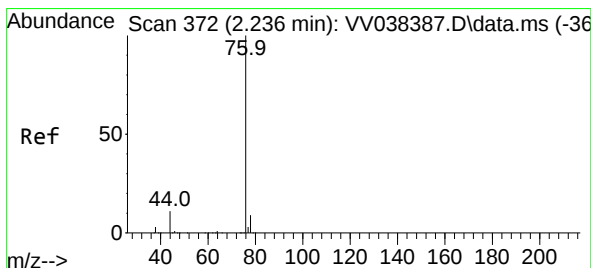
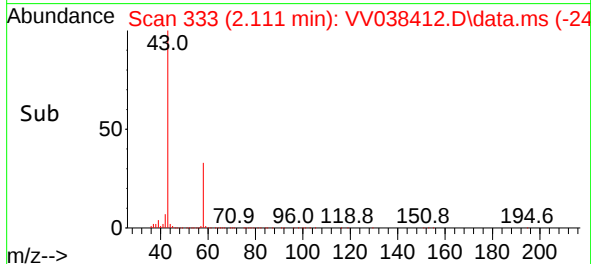
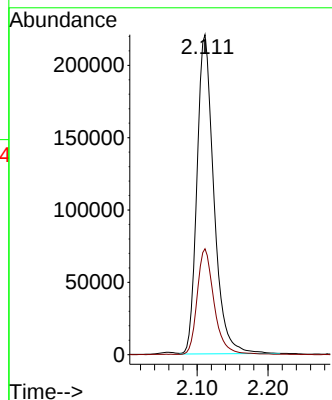
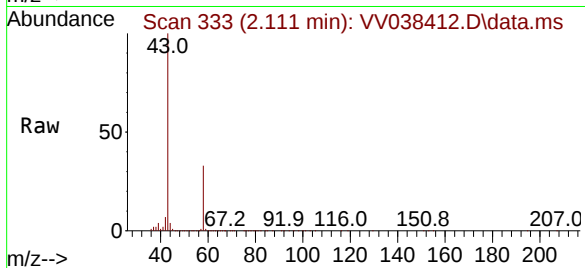
ClientSampleId :

Tgt Ion: 43 Resp: 364764

Ion Ratio Lower Upper

43 100

58 33.0 0.0 67.2



#14

Carbon disulfide

Concen: 49.722 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038412.D

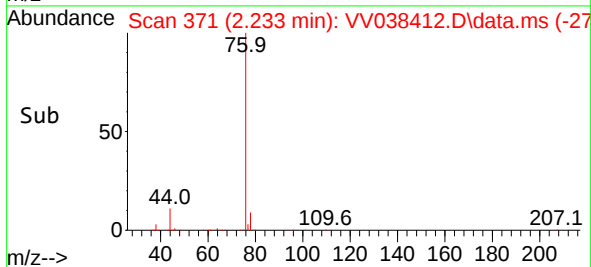
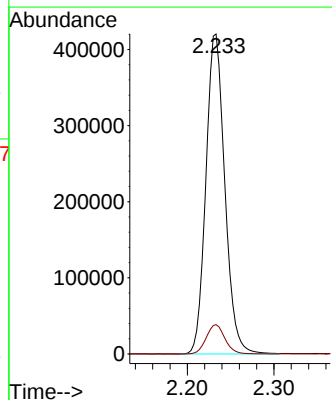
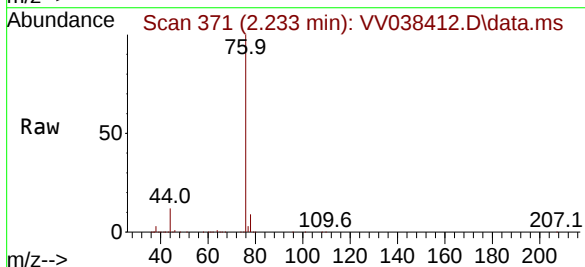
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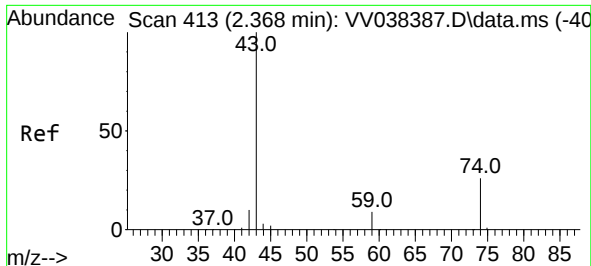
Tgt Ion: 76 Resp: 638732

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

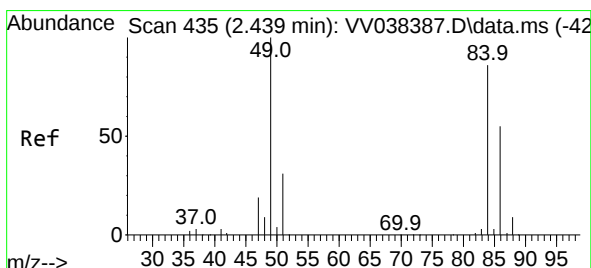
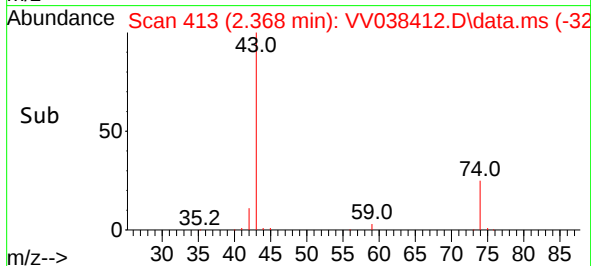
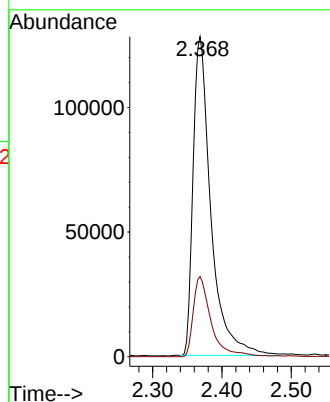
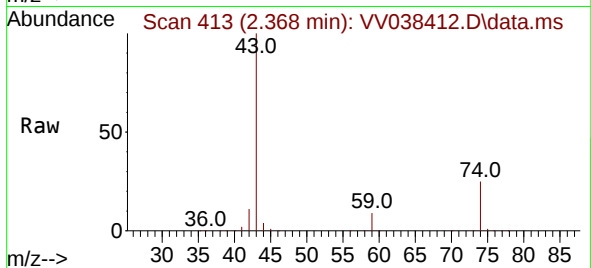




#15
Methyl Acetate
Concen: 58.040 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

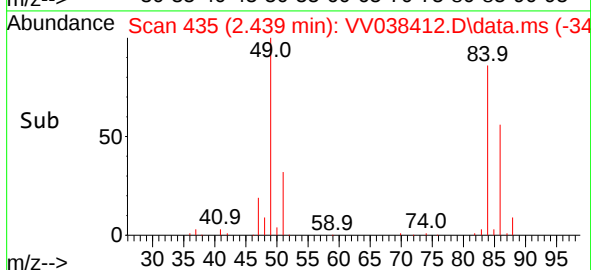
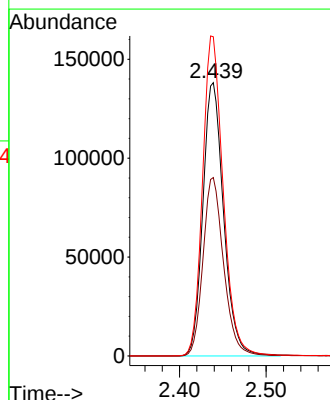
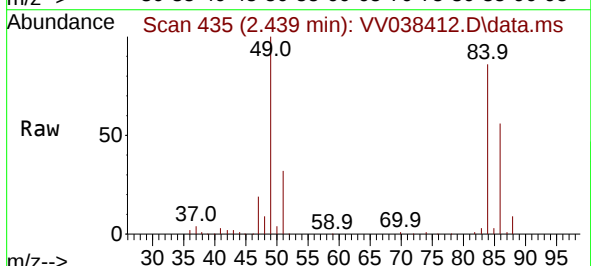
Instrument :
MSVOA_V
ClientSampleId :

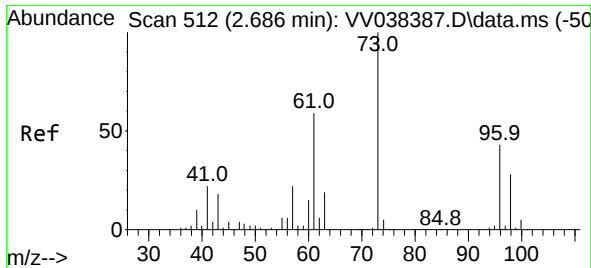
Tgt Ion: 43 Resp: 228814
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0



#16
Methylene chloride
Concen: 48.798 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

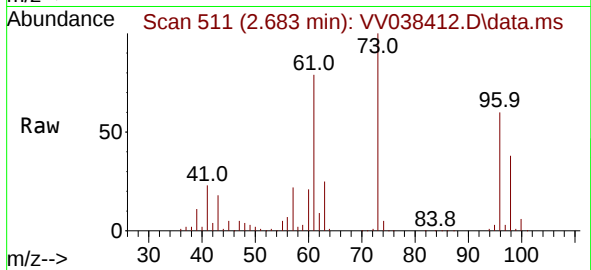
Tgt Ion: 84 Resp: 229838
Ion Ratio Lower Upper
84 100
86 65.3 44.5 82.7
49 116.8 81.7 151.7



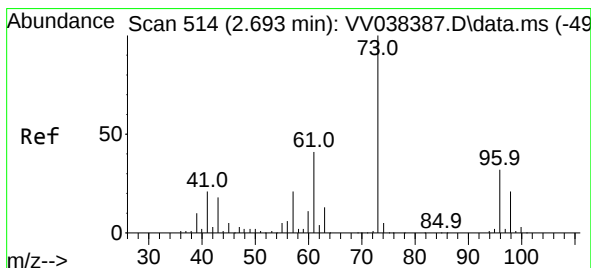
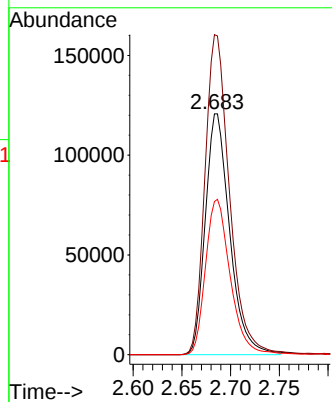
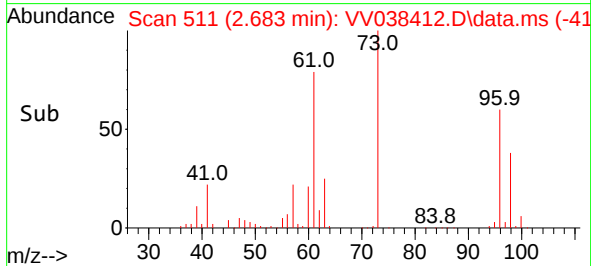


#17
trans-1,2-Dichloroethene
Concen: 49.518 ug/L
RT: 2.683 min Scan# 511
Delta R.T. -0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

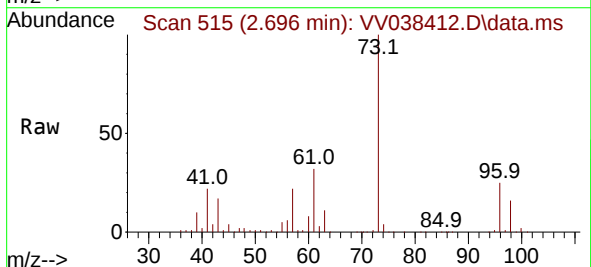
Instrument :
MSVOA_V
ClientSampleId :



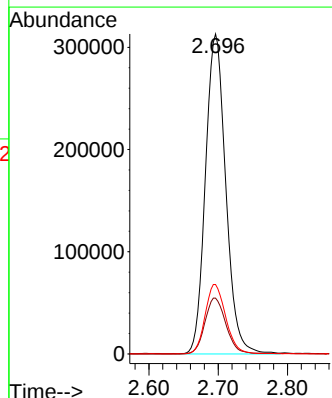
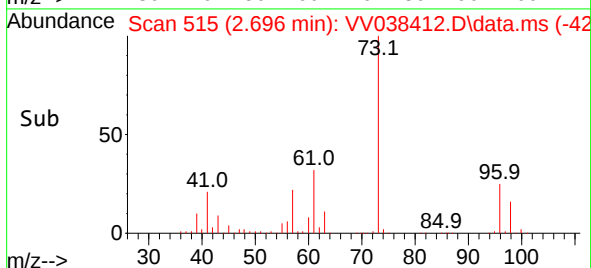
Tgt Ion: 96 Resp: 210763
Ion Ratio Lower Upper
96 100
61 132.9 95.7 177.7
98 63.6 46.4 86.2

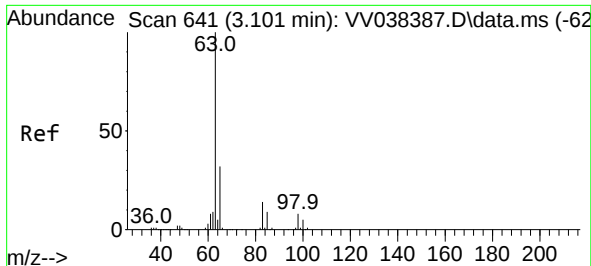


#18
Methyl tert-butyl Ether
Concen: 51.924 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43



Tgt Ion: 73 Resp: 638309
Ion Ratio Lower Upper
73 100
43 17.7 14.7 22.1
57 22.0 17.7 26.5

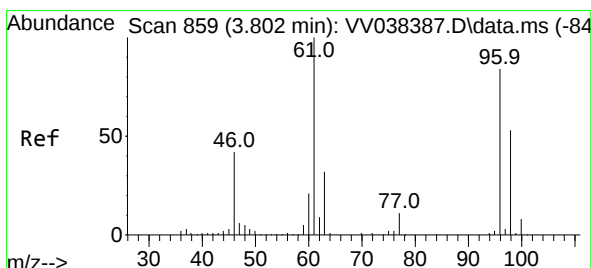
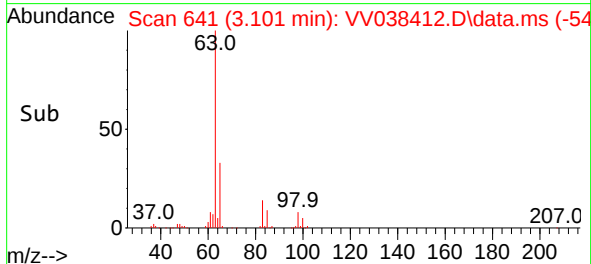
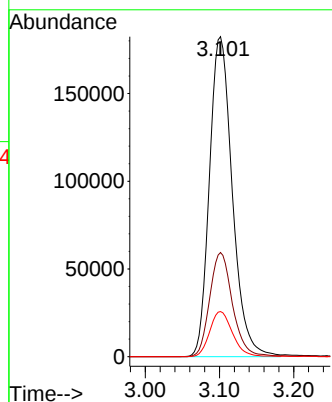
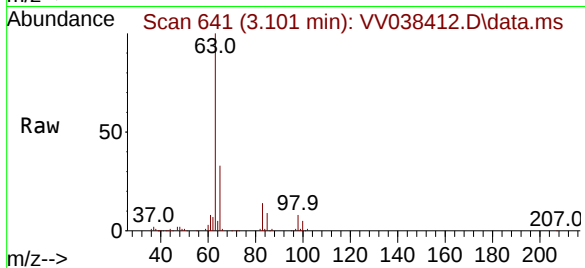




#19
1,1-Dichloroethane
Concen: 49.979 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

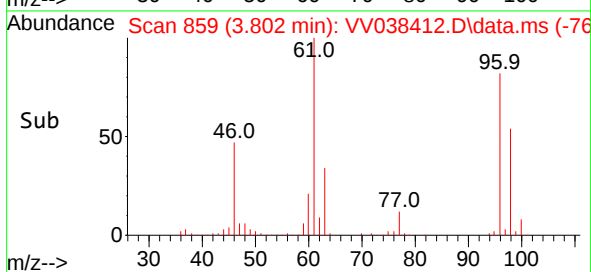
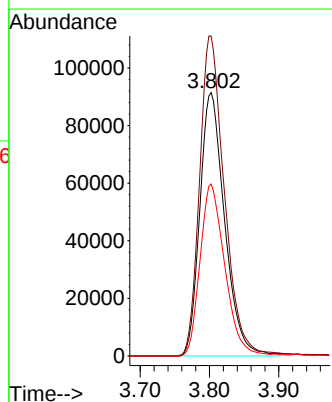
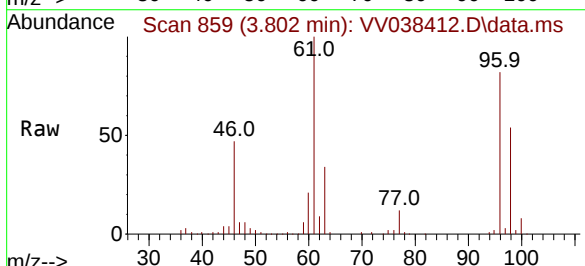
Instrument :
MSVOA_V
ClientSampleId :

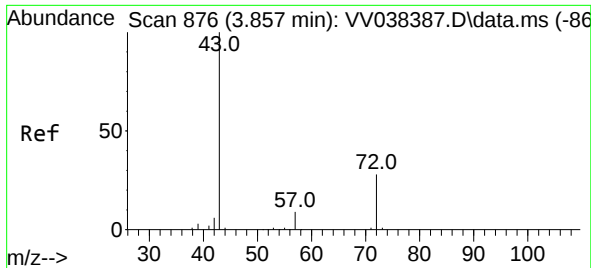
Tgt Ion: 63 Resp: 390137
Ion Ratio Lower Upper
63 100
65 32.5 22.6 42.0
83 14.1 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 50.793 ug/L
RT: 3.802 min Scan# 859
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion: 96 Resp: 227363
Ion Ratio Lower Upper
96 100
61 121.5 83.5 155.1
98 65.3 44.6 82.8

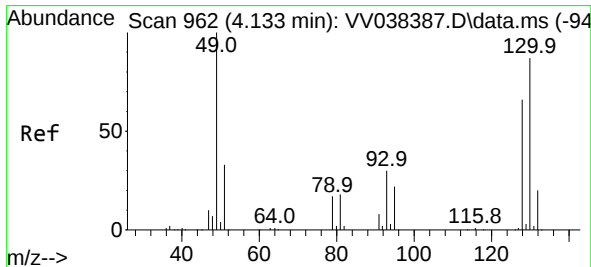
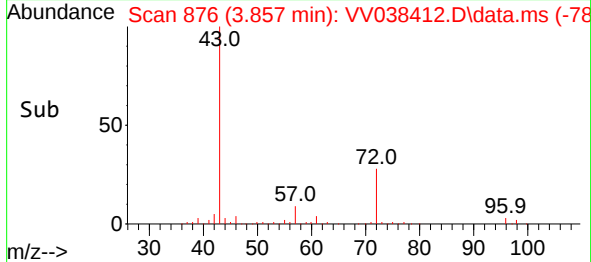
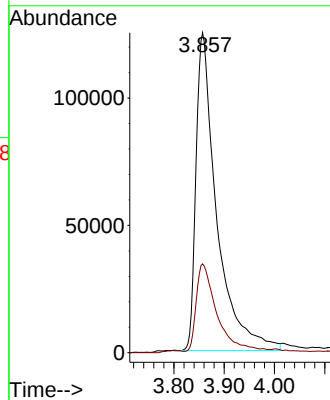
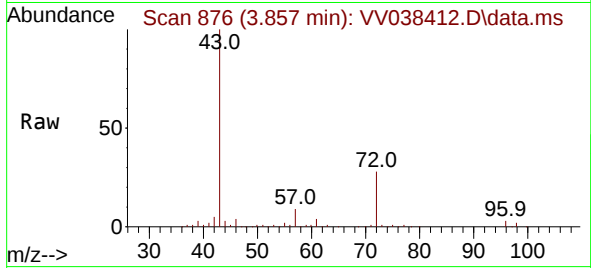




#22
2-Butanone
Concen: 123.479 ug/L
RT: 3.857 min Scan# 876
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

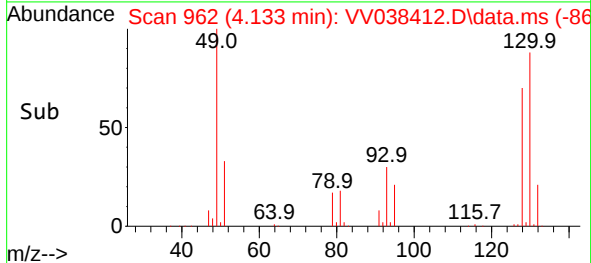
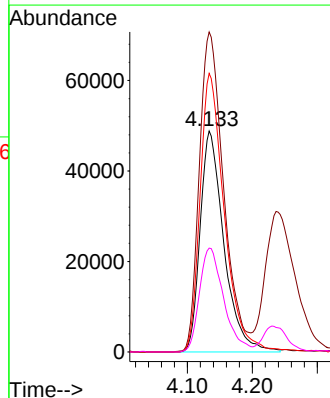
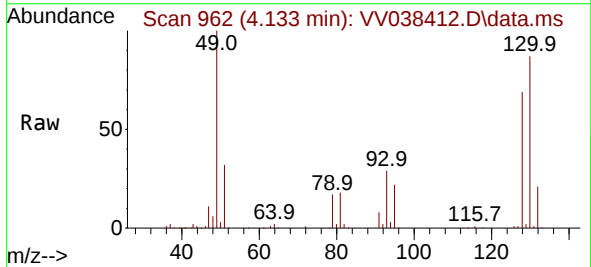
Instrument :
MSVOA_V
ClientSampleId :

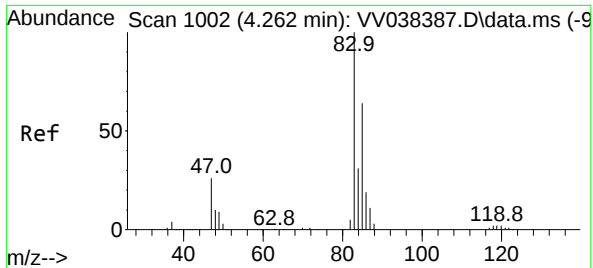
Tgt Ion: 43 Resp: 357411
Ion Ratio Lower Upper
43 100
72 25.8 12.5 37.5



#23
Bromochloromethane
Concen: 51.072 ug/L
RT: 4.133 min Scan# 962
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion:128 Resp: 124263
Ion Ratio Lower Upper
128 100
49 144.8 106.7 198.3
130 126.1 93.2 173.2
51 47.0 40.2 60.4

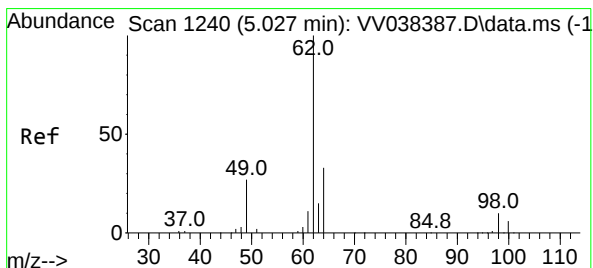
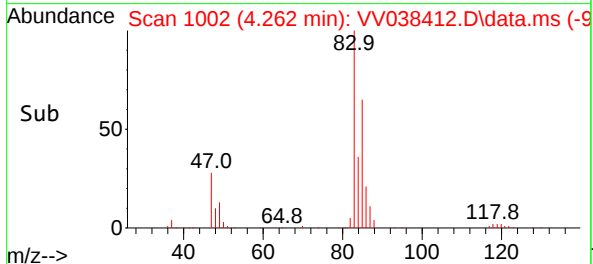
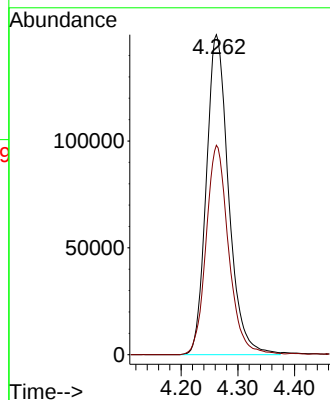
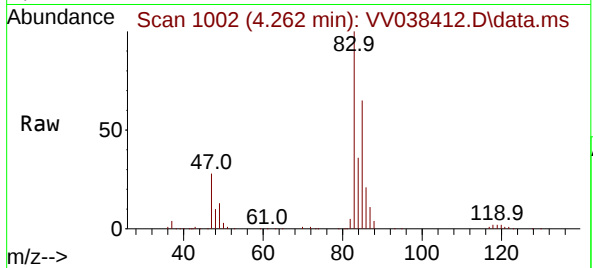




#25
Chloroform
Concen: 50.199 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

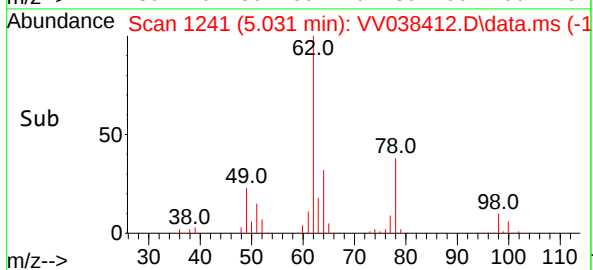
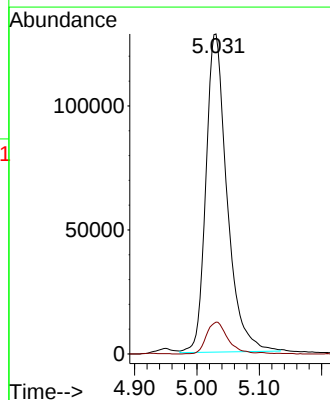
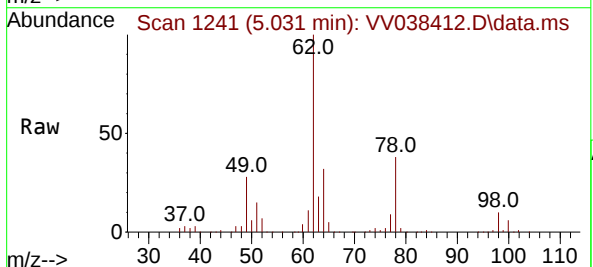
Instrument :
MSVOA_V
ClientSampleId :

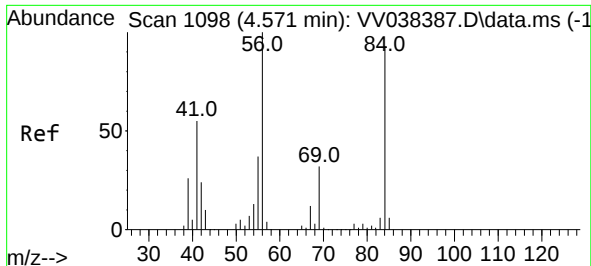
Tgt Ion: 83 Resp: 409038
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0



#27
1,2-Dichloroethane
Concen: 50.966 ug/L
RT: 5.031 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion: 62 Resp: 302938
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3





#29

Cyclohexane

Concen: 54.521 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

ClientSampleId :

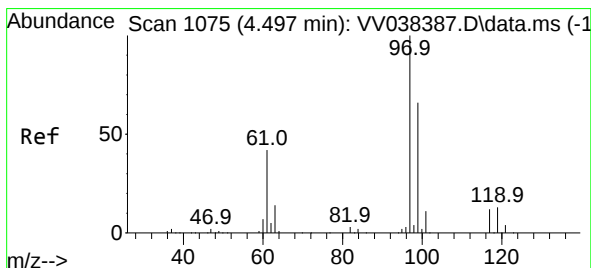
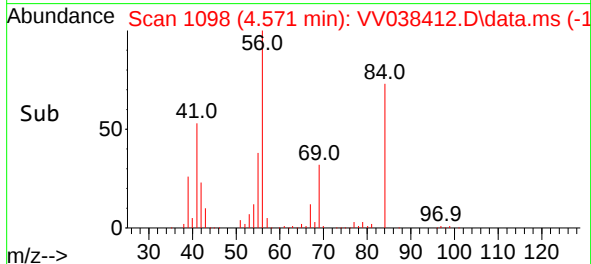
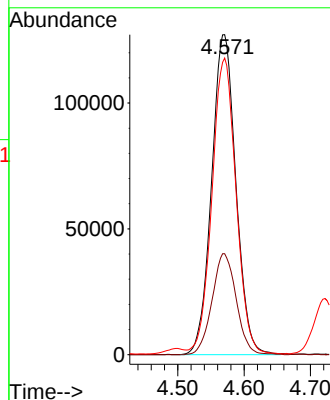
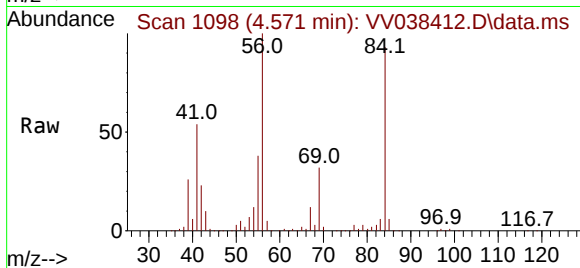
Tgt Ion: 56 Resp: 323443

Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 91.7 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 51.490 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

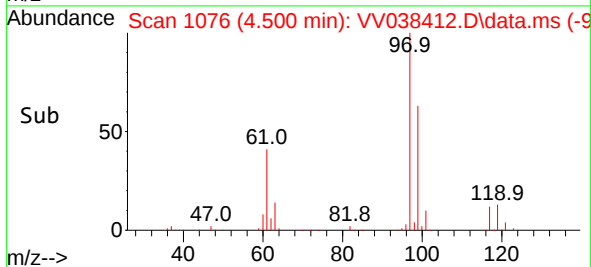
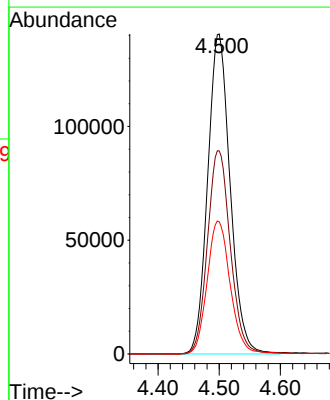
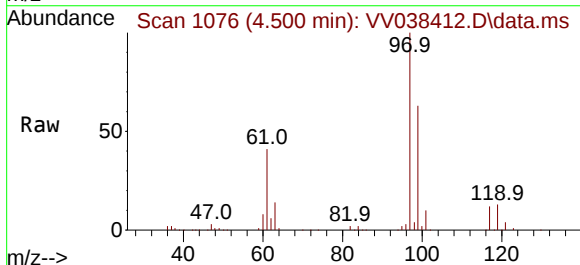
Tgt Ion: 97 Resp: 359288

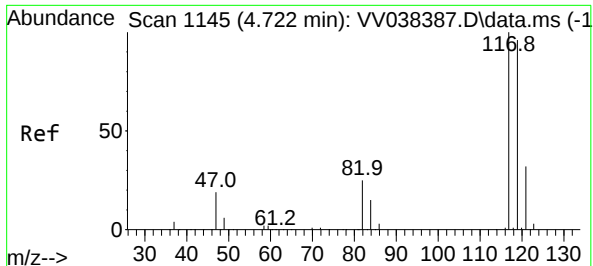
Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

61 42.5 33.6 50.4

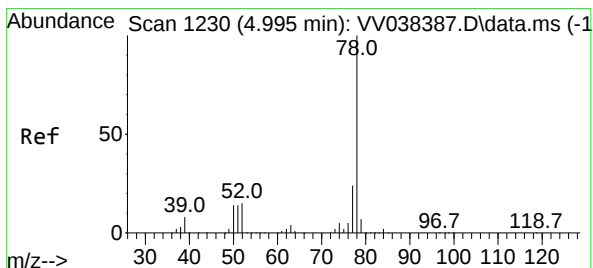
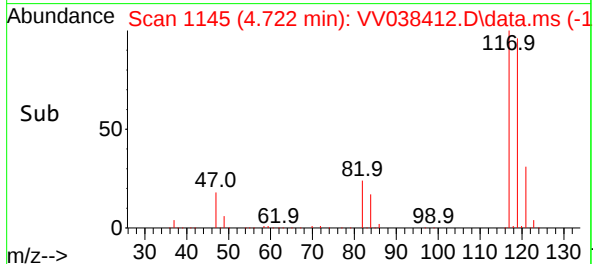
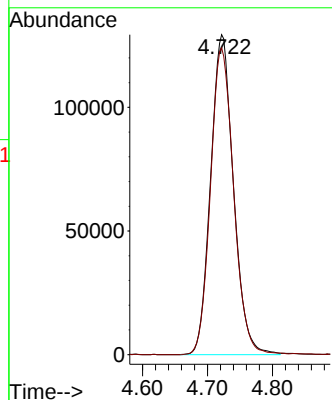
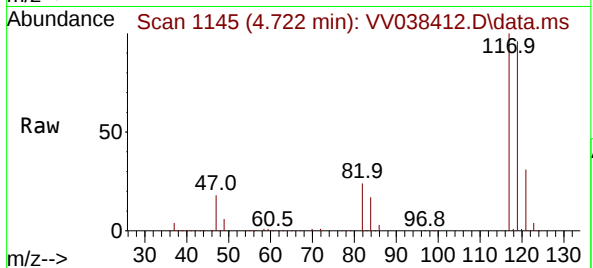




#31
Carbon tetrachloride
Concen: 51.497 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

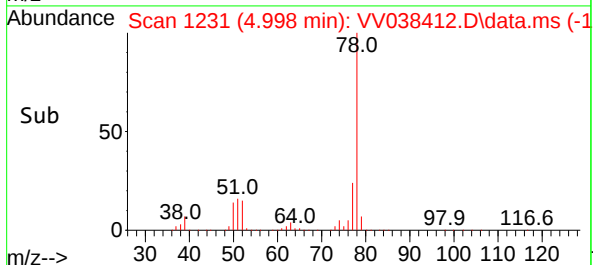
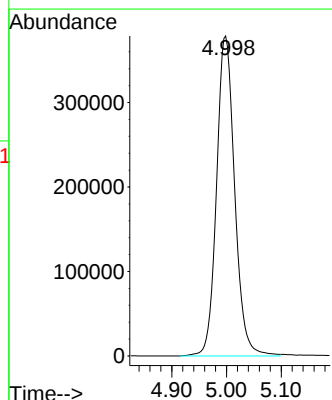
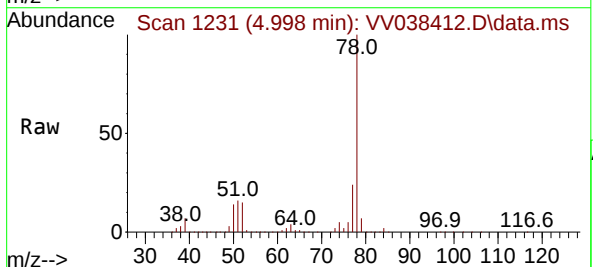
Instrument :
MSVOA_V
ClientSampleId :

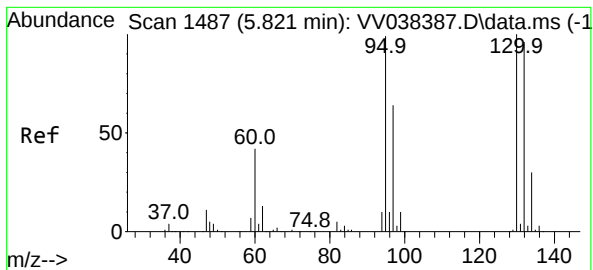
Tgt Ion:117 Resp: 315789
Ion Ratio Lower Upper
117 100
119 97.2 77.7 116.5



#33
Benzene
Concen: 52.311 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion: 78 Resp: 871874





#34

Trichloroethene

Concen: 51.889 ug/L

RT: 5.821 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 231050

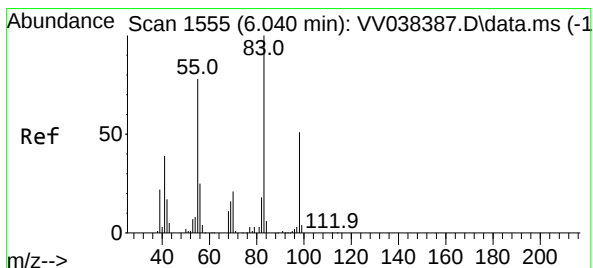
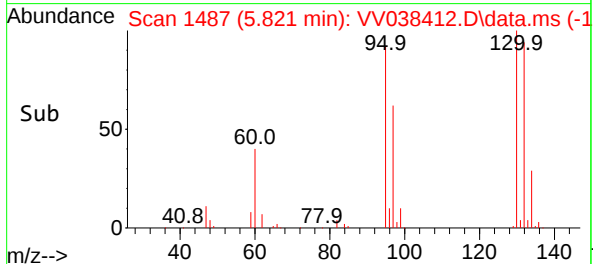
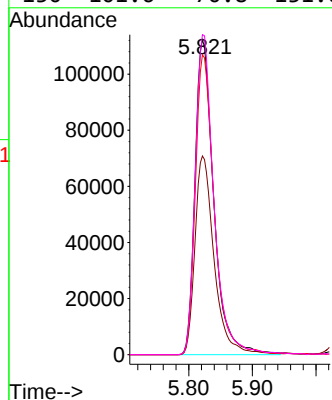
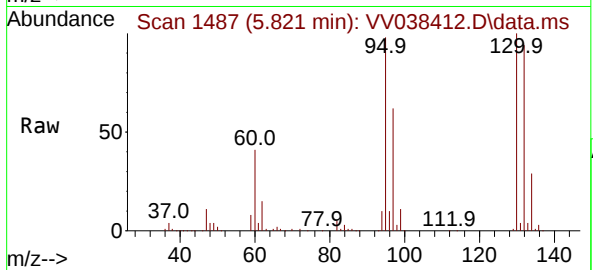
Ion Ratio Lower Upper

95 100

97 63.1 45.6 84.8

132 95.2 67.6 125.6

130 101.6 70.8 131.6



#35

Methylcyclohexane

Concen: 55.906 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

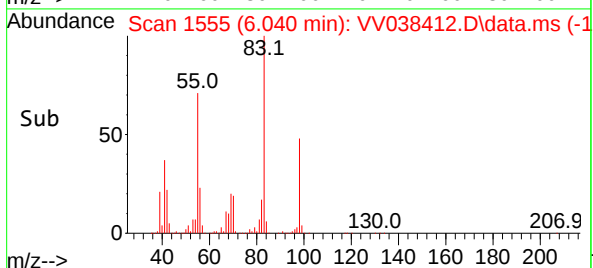
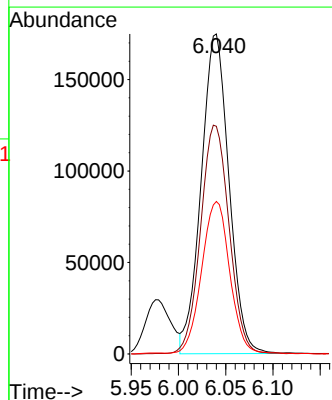
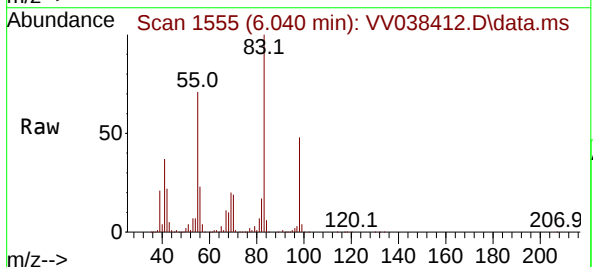
Tgt Ion: 83 Resp: 357482

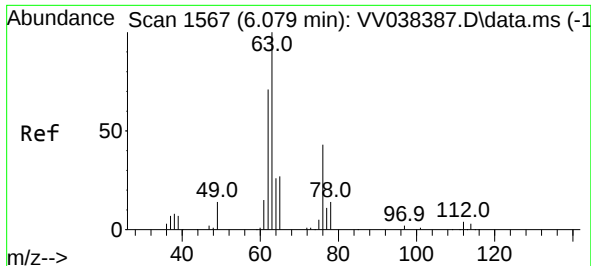
Ion Ratio Lower Upper

83 100

55 73.3 59.0 88.6

98 48.5 39.5 59.3





#37

1,2-Dichloropropane

Concen: 53.452 ug/L

RT: 6.082 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

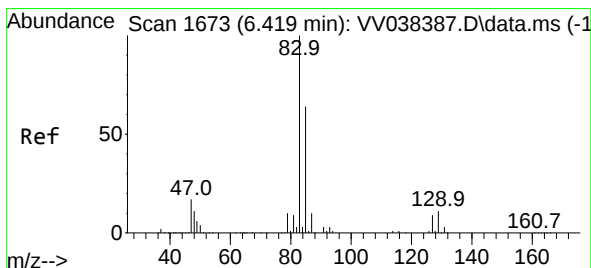
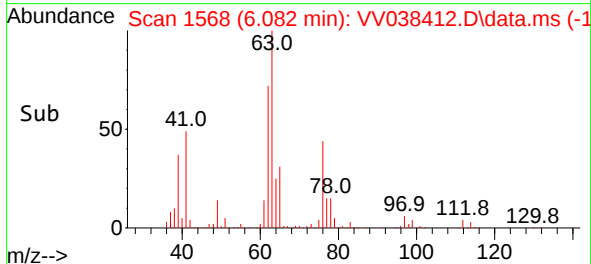
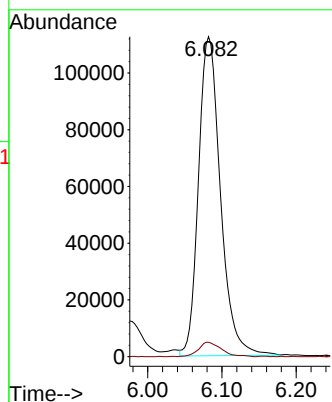
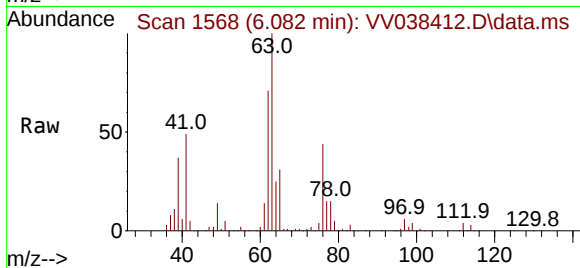
ClientSampleId :

Tgt Ion: 63 Resp: 231640

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 50.621 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.003 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

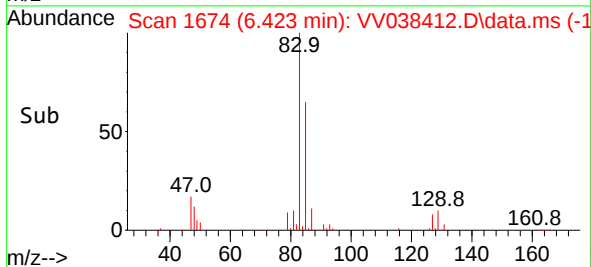
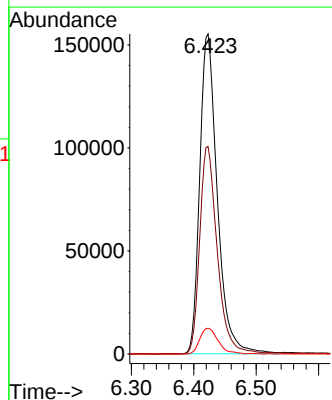
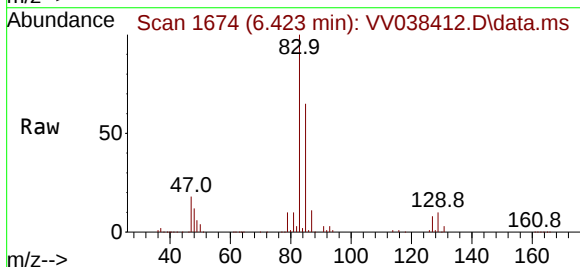
Tgt Ion: 83 Resp: 304461

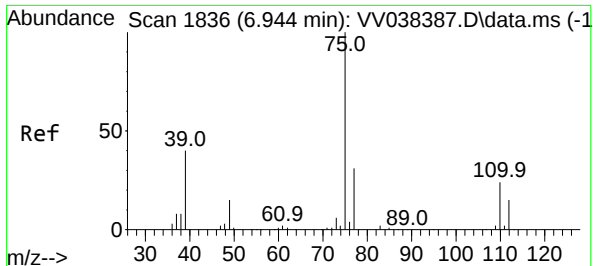
Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5

127 8.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 53.594 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

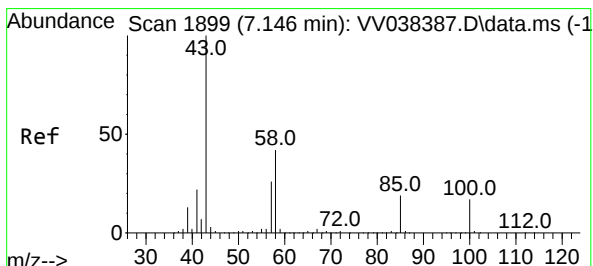
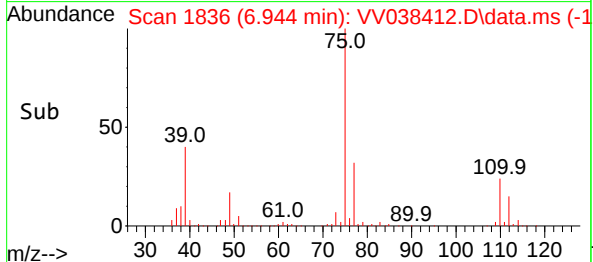
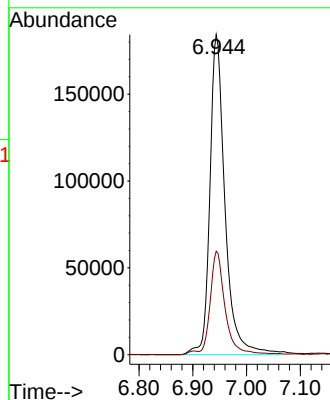
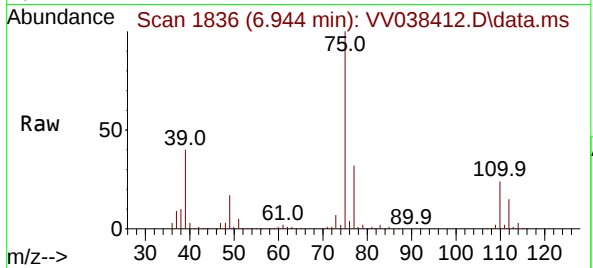
ClientSampleId :

Tgt Ion: 75 Resp: 360417

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 120.348 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

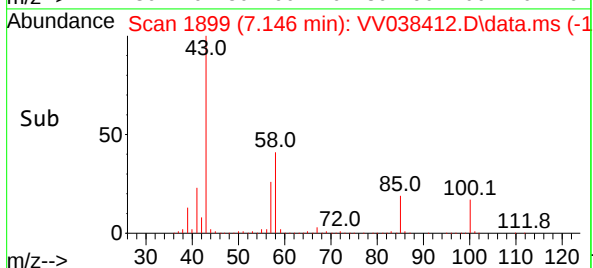
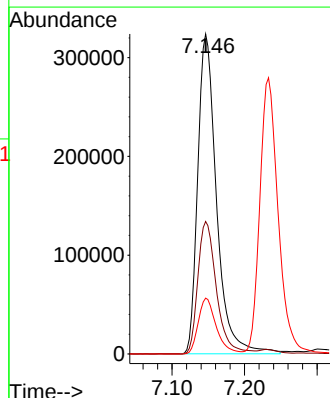
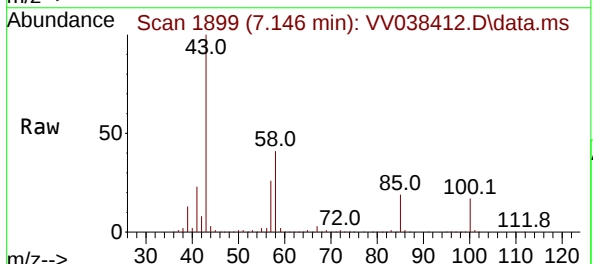
Tgt Ion: 43 Resp: 583718

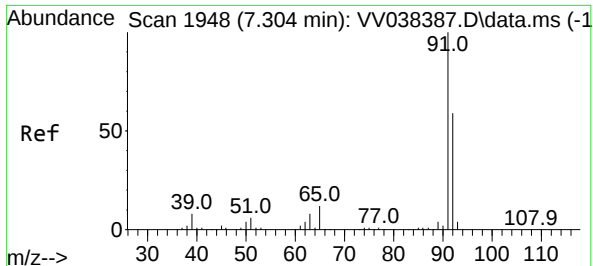
Ion Ratio Lower Upper

43 100

58 41.0 32.7 49.1

100 16.8 13.7 20.5





#42

Toluene

Concen: 53.895 ug/L

RT: 7.304 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

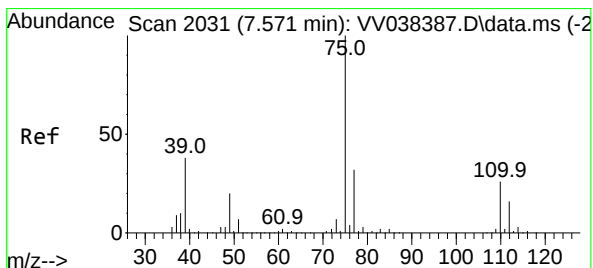
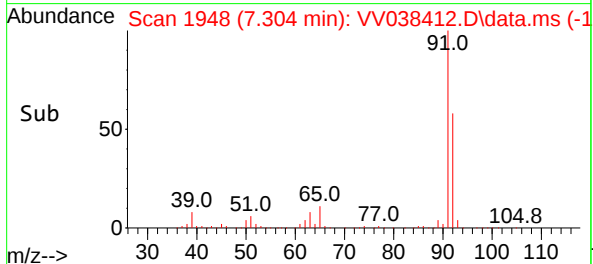
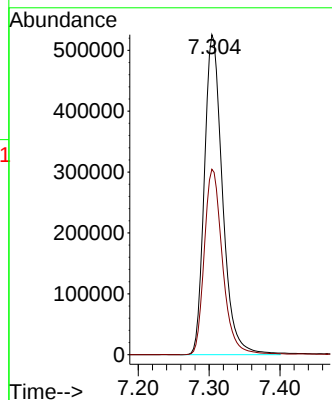
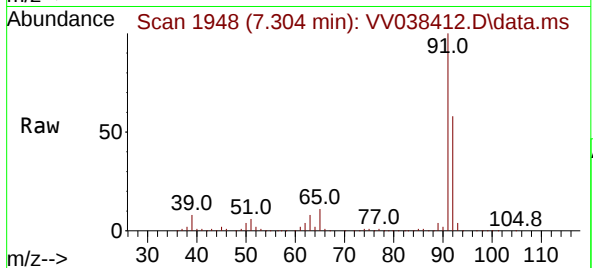
ClientSampleId :

Tgt Ion: 91 Resp: 933225

Ion Ratio Lower Upper

91 100

92 57.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 54.251 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV038412.D

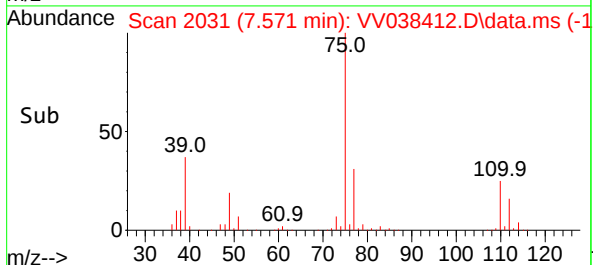
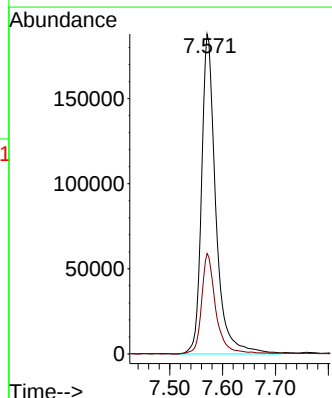
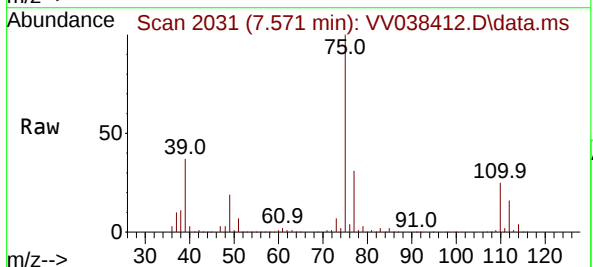
Acq: 05 Dec 2024 10:43

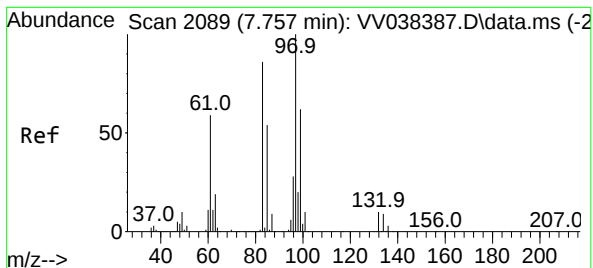
Tgt Ion: 75 Resp: 352444

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 52.069 ug/L

RT: 7.757 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 234127

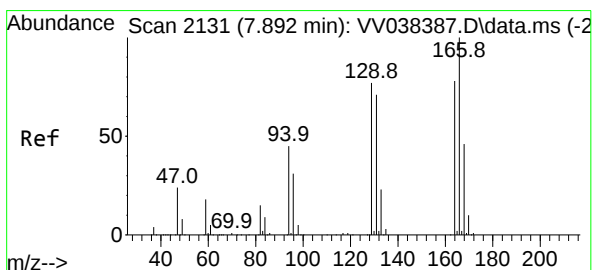
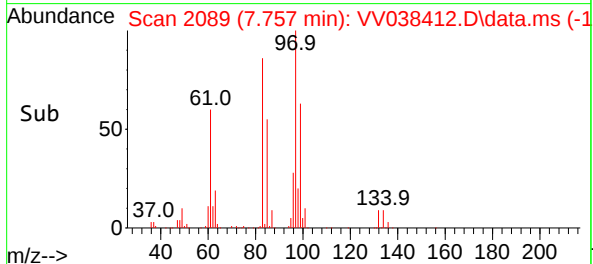
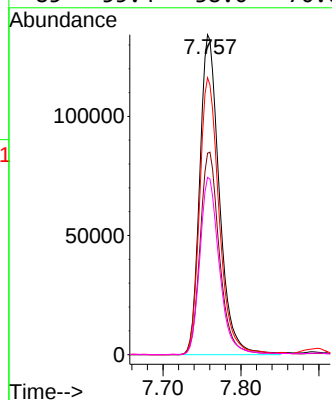
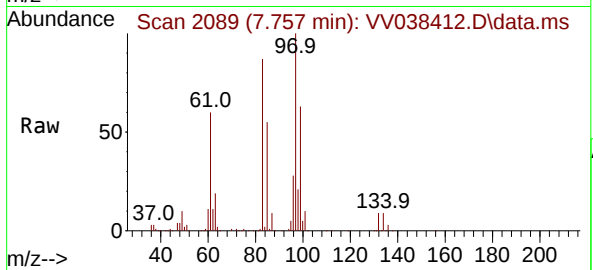
Ion Ratio Lower Upper

97 100

99 63.0 43.6 81.0

83 86.5 60.5 112.5

85 55.4 38.0 70.6



#46

Tetrachloroethene

Concen: 50.639 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.003 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Tgt Ion:164 Resp: 174078

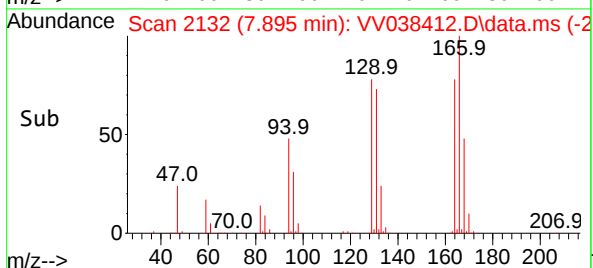
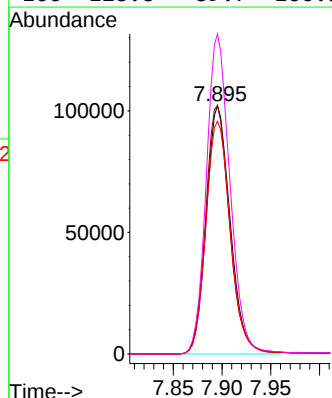
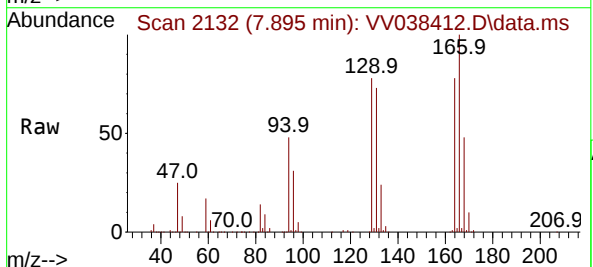
Ion Ratio Lower Upper

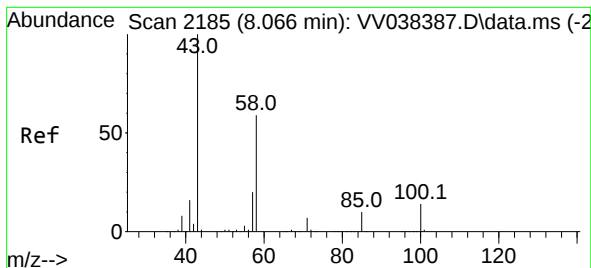
164 100

129 99.9 69.2 128.4

131 93.7 63.1 117.3

166 128.8 89.7 166.5





#48

2-Hexanone

Concen: 125.756 ug/L

RT: 8.066 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 508917

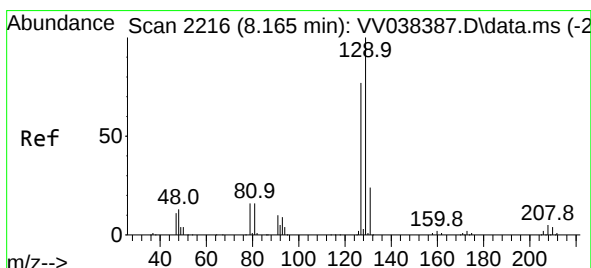
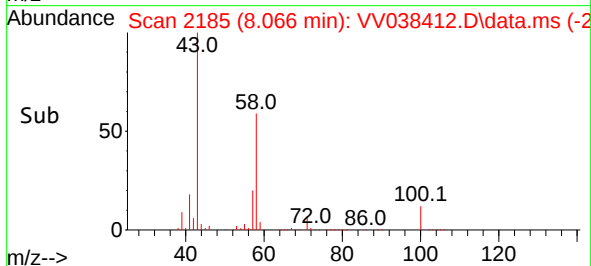
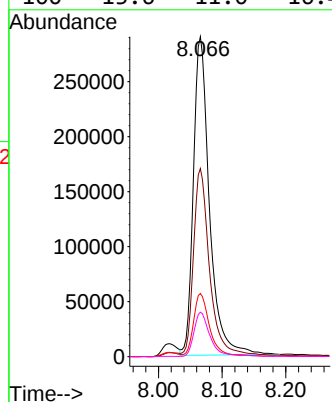
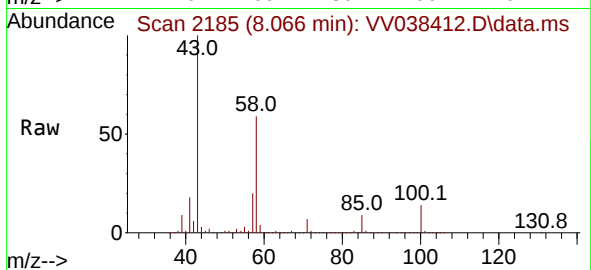
Ion Ratio Lower Upper

43 100

58 58.2 48.0 72.0

57 19.8 15.5 23.3

100 13.6 11.0 16.4



#49

Dibromochloromethane

Concen: 52.225 ug/L

RT: 8.165 min Scan# 2216

Delta R.T. 0.000 min

Lab File: VV038412.D

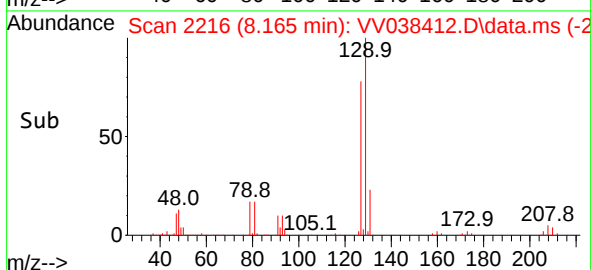
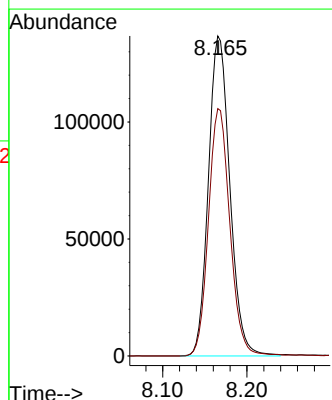
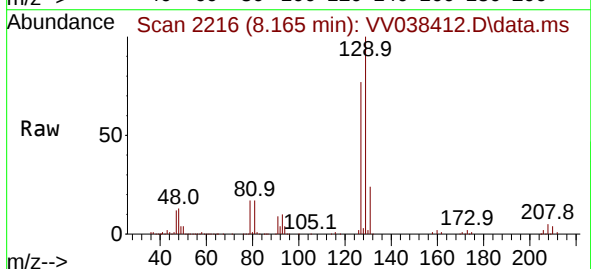
Acq: 05 Dec 2024 10:43

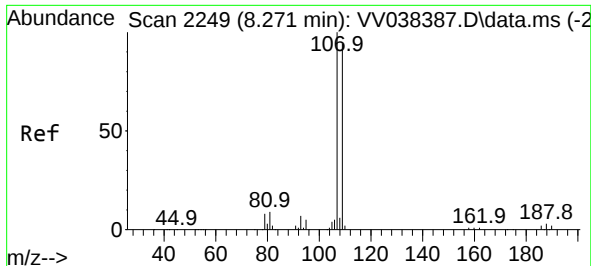
Tgt Ion:129 Resp: 242203

Ion Ratio Lower Upper

129 100

127 77.3 53.8 100.0

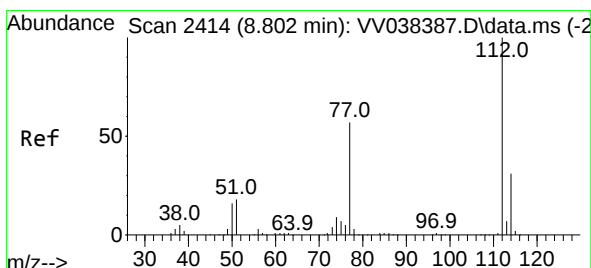
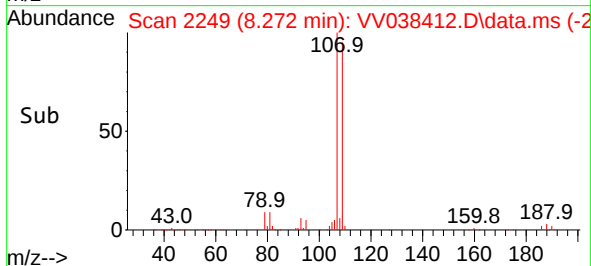
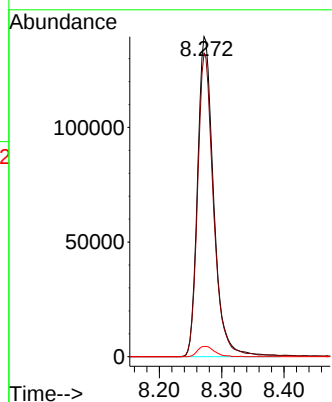
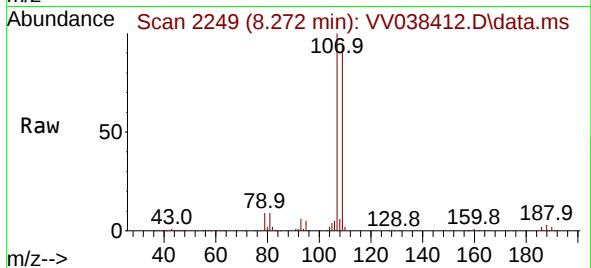




#50
1,2-Dibromoethane
Concen: 52.988 ug/L
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

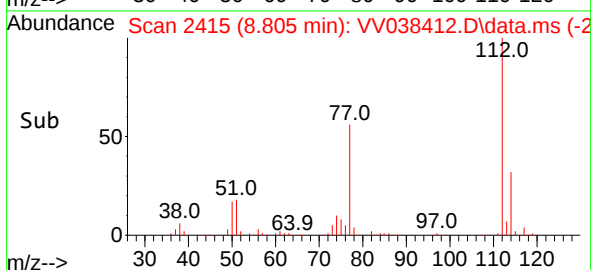
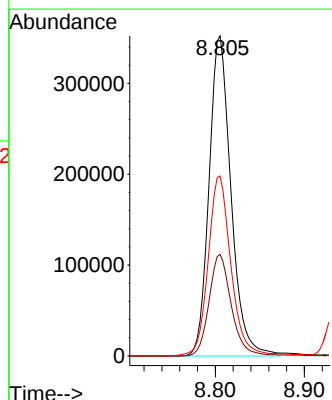
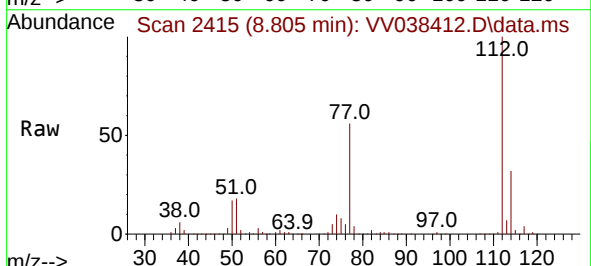
Instrument :
MSVOA_V
ClientSampleId :

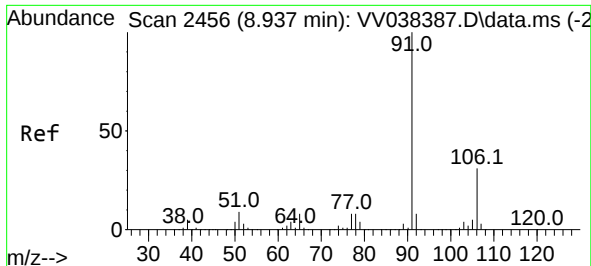
Tgt Ion:107 Resp: 251096
Ion Ratio Lower Upper
107 100
109 94.9 66.1 122.7
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 50.626 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion:112 Resp: 602320
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 56.3 45.4 68.0

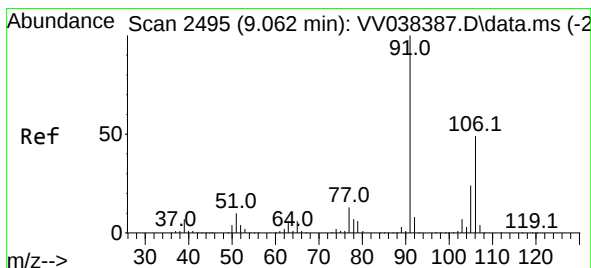
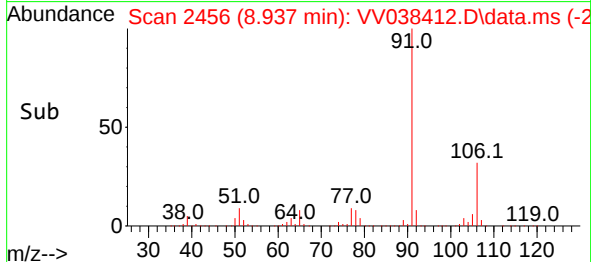
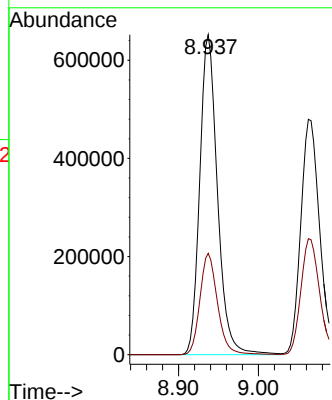
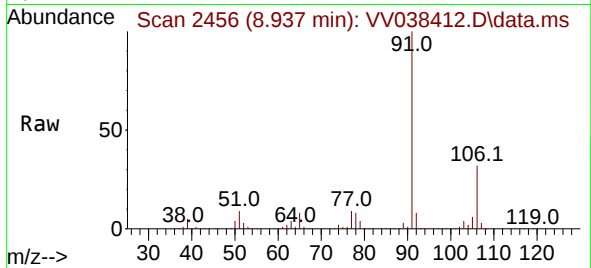




#52
Ethylbenzene
Concen: 54.156 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

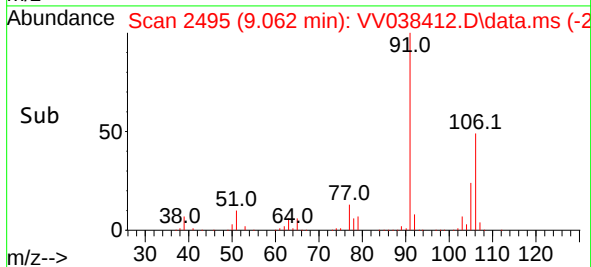
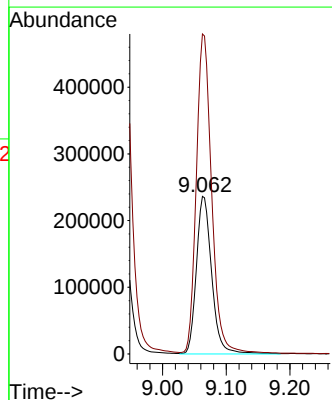
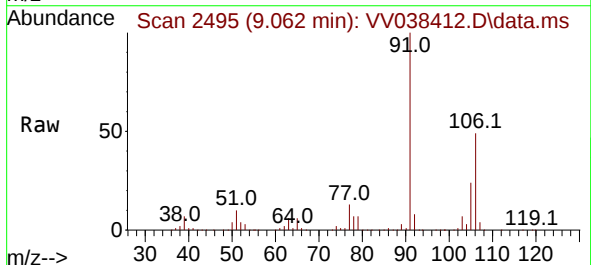
Instrument :
MSVOA_V
ClientSampleId :

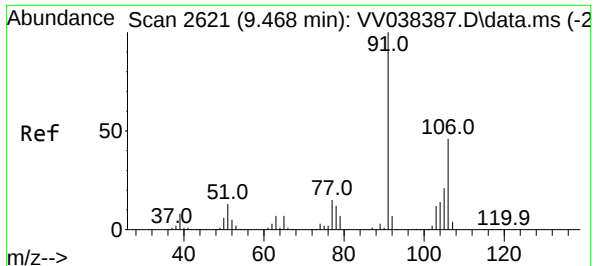
Tgt Ion: 91 Resp: 1005787
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.0



#53
m,p-Xylene
Concen: 56.074 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion: 106 Resp: 394734
Ion Ratio Lower Upper
106 100
91 203.1 142.6 264.8

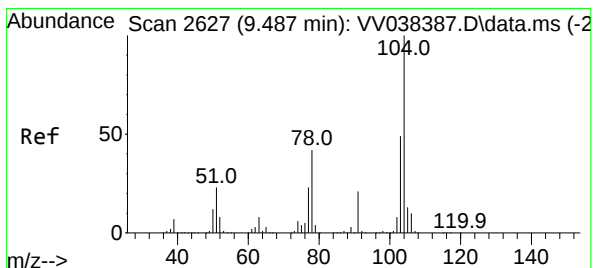
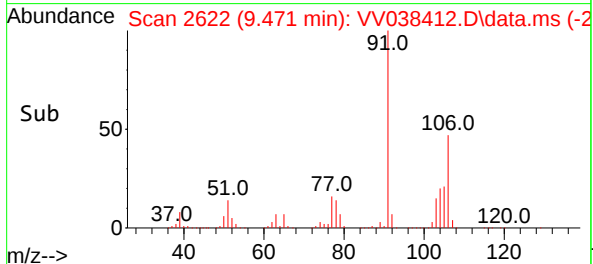
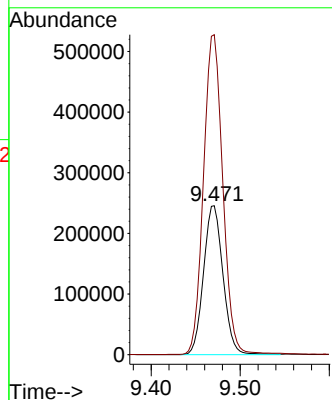
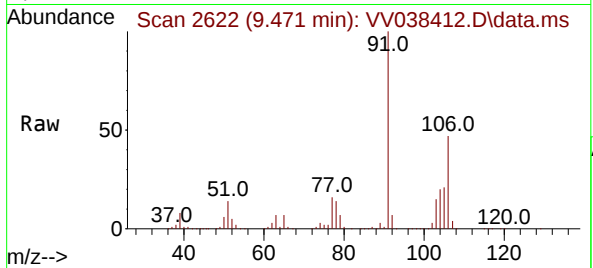




#54
o-Xylene
Concen: 54.880 ug/L
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

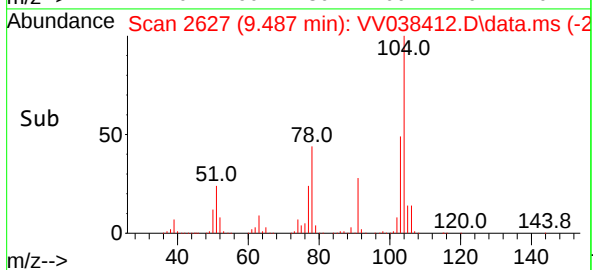
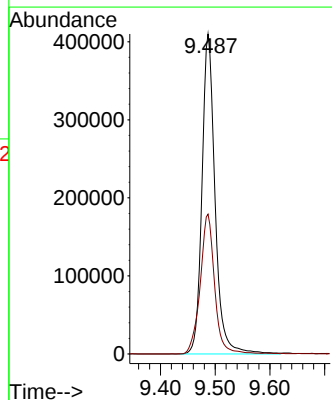
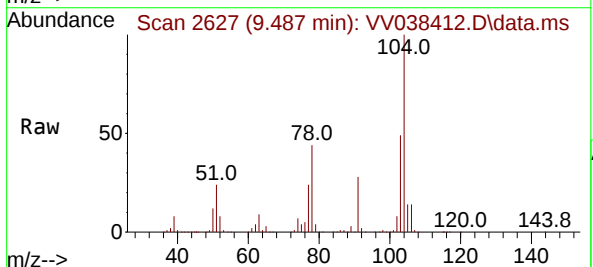
Instrument :
MSVOA_V
ClientSampleId :

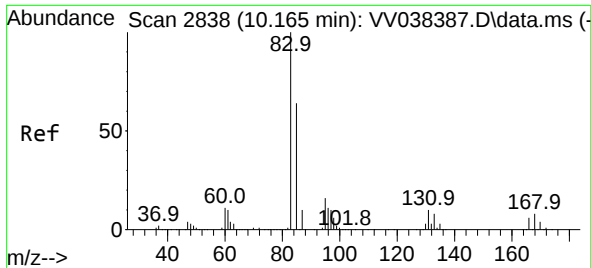
Tgt Ion:106 Resp: 371659
Ion Ratio Lower Upper
106 100
91 214.9 151.1 280.7



#55
Styrene
Concen: 57.381 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion:104 Resp: 682223
Ion Ratio Lower Upper
104 100
78 43.7 29.7 55.1

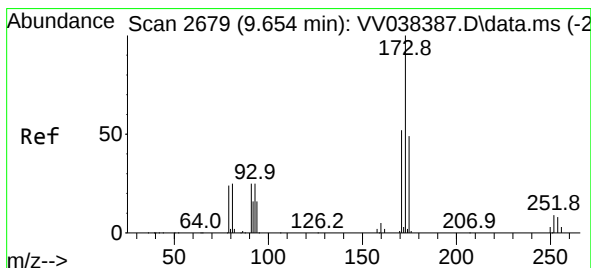
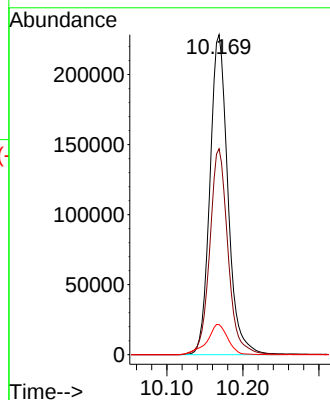
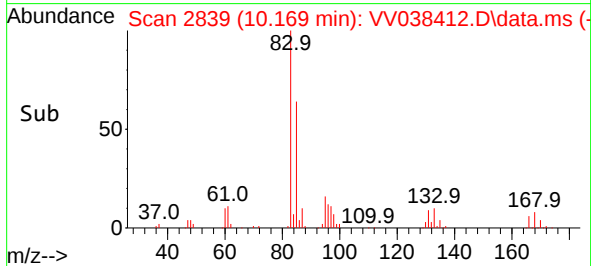
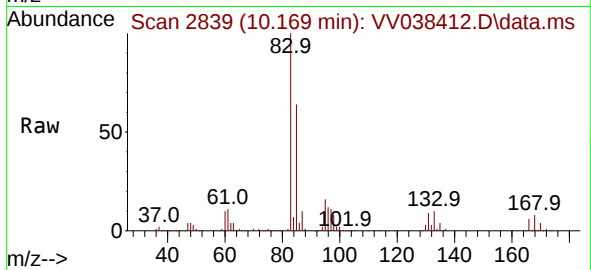




#57
1,1,2,2-Tetrachloroethane
Concen: 53.675 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

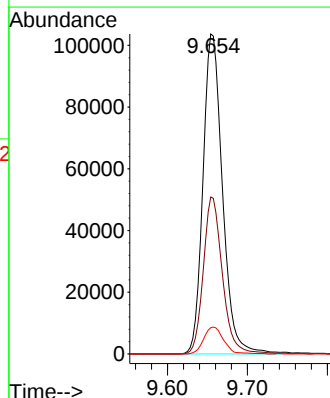
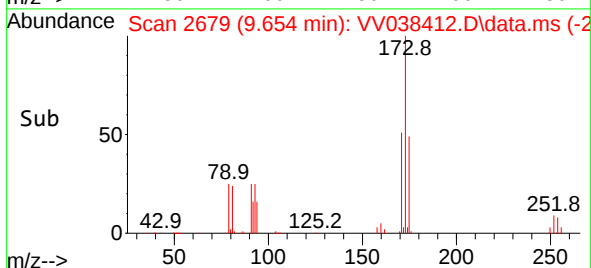
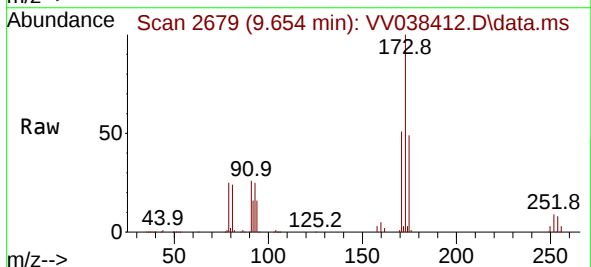
Instrument :
MSVOA_V
ClientSampleId :

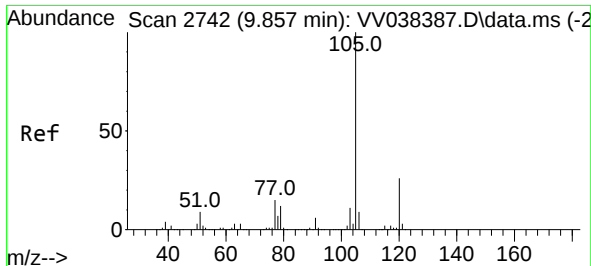
Tgt Ion: 83 Resp: 374895
Ion Ratio Lower Upper
83 100
85 64.4 44.7 82.9
131 9.4 8.0 12.0



#59
Bromoform
Concen: 53.160 ug/L
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

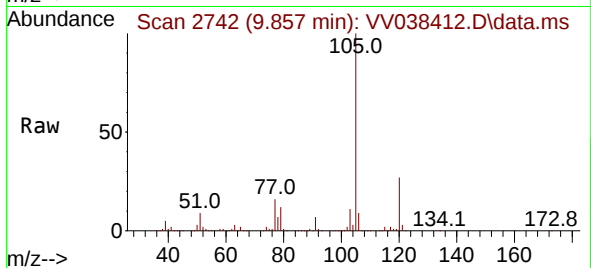
Tgt Ion: 173 Resp: 176303
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 8.6 6.9 10.3



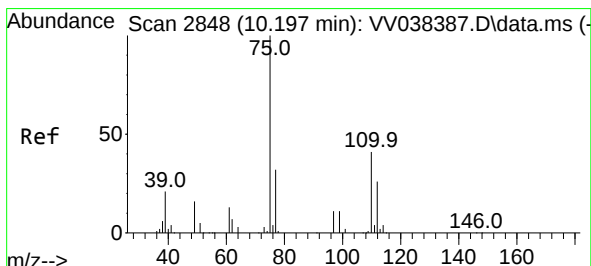
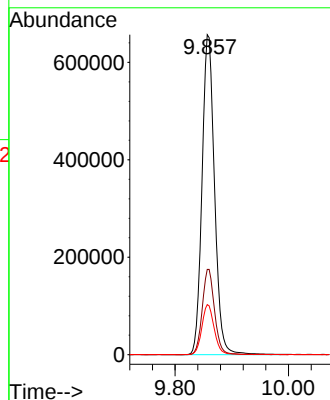
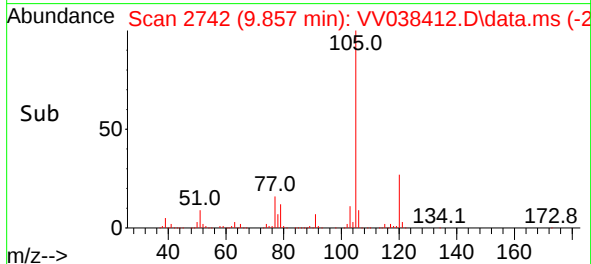


#60
Isopropylbenzene
Concen: 53.362 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

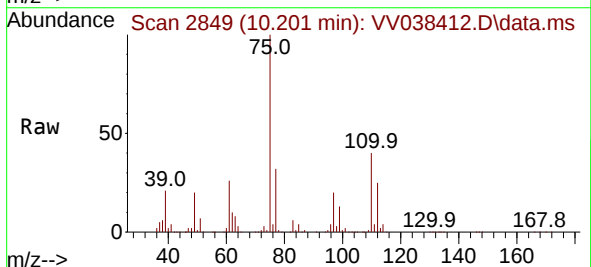
Instrument :
MSVOA_V
ClientSampleId :



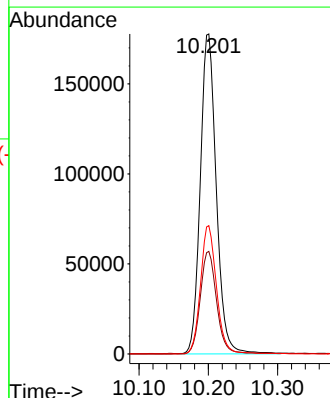
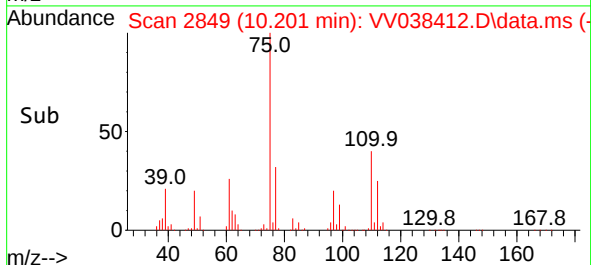
Tgt Ion:105 Resp: 1006688
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 15.4 12.2 18.4

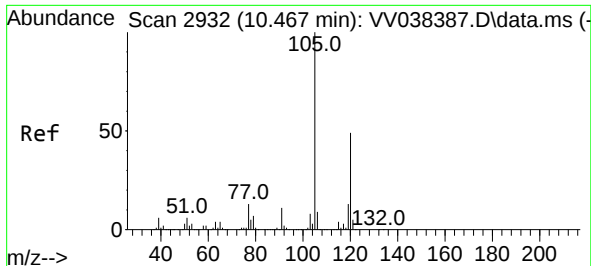


#61
1,2,3-Trichloropropane
Concen: 53.176 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43



Tgt Ion: 75 Resp: 285590
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 40.0 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 53.026 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

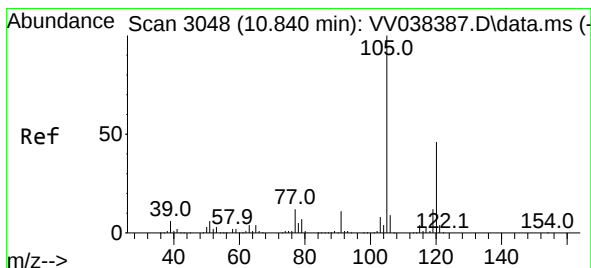
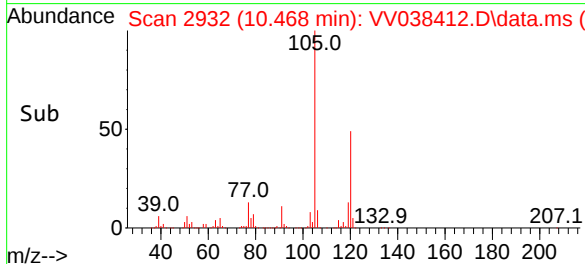
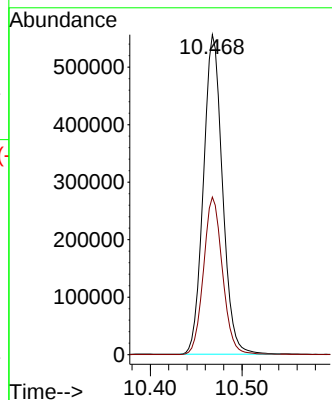
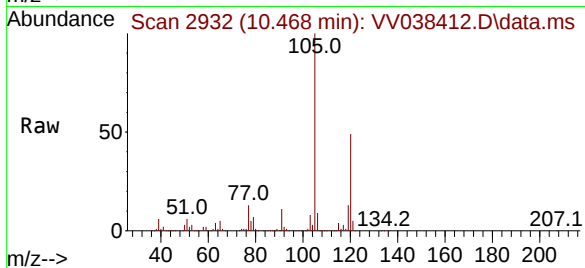
ClientSampleId :

Tgt Ion:105 Resp: 802663

Ion Ratio Lower Upper

105 100

120 49.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 54.415 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VV038412.D

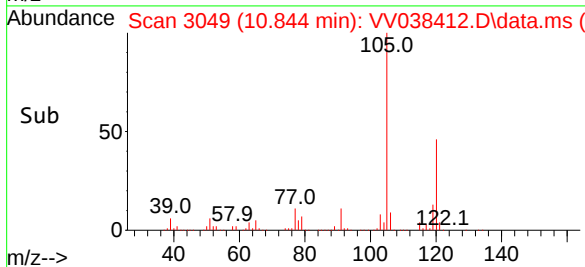
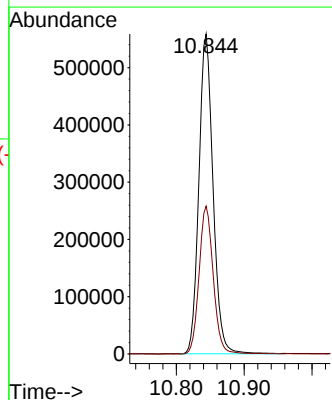
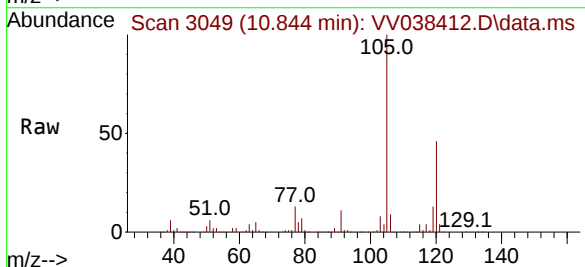
Acq: 05 Dec 2024 10:43

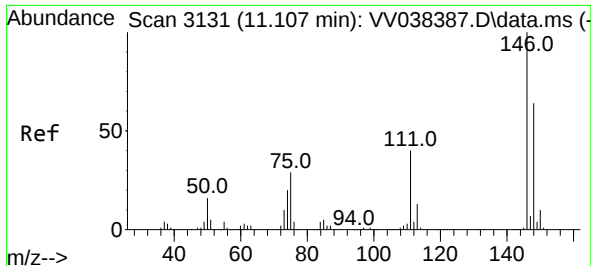
Tgt Ion:105 Resp: 809739

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0

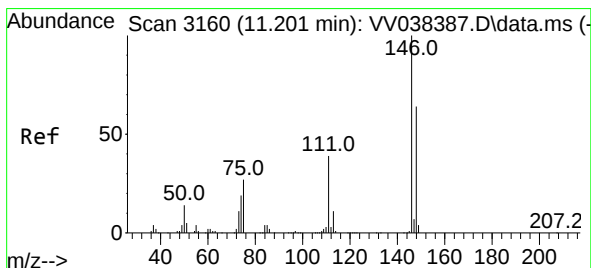
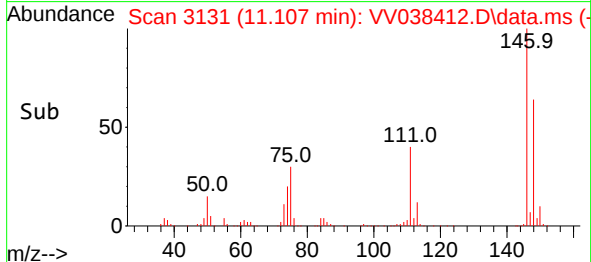
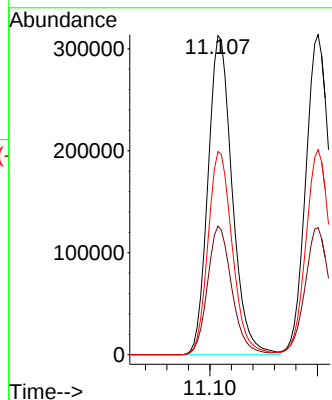
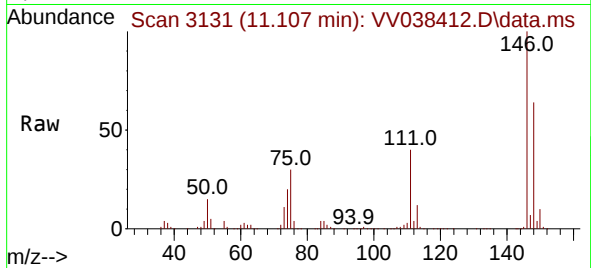




#64
1,3-Dichlorobenzene
Concen: 50.652 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

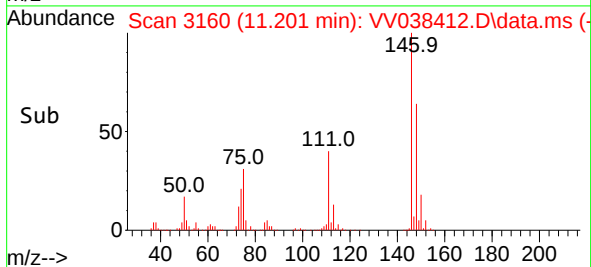
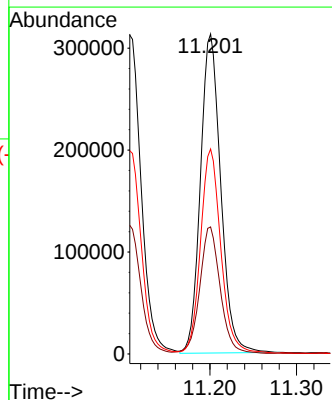
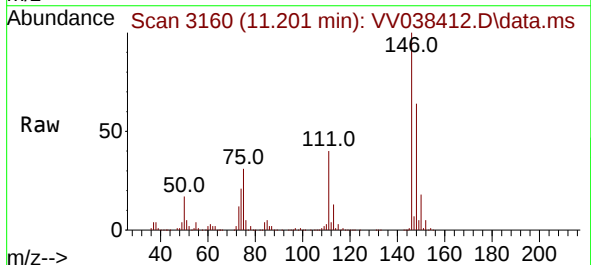
Instrument :
MSVOA_V
ClientSampleId :

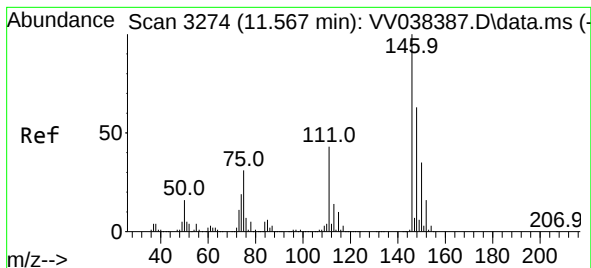
Tgt Ion:146 Resp: 490488
Ion Ratio Lower Upper
146 100
111 40.3 27.8 51.6
148 63.7 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 49.480 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion:146 Resp: 509359
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.4
148 64.0 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 49.414 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

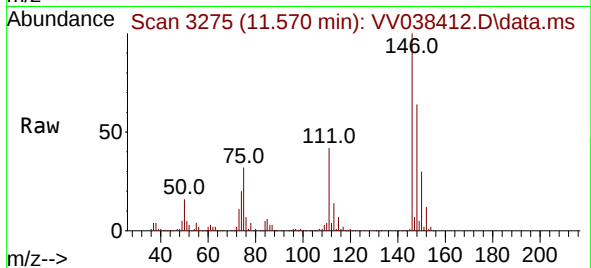
Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

Instrument :

MSVOA_V

ClientSampleId :



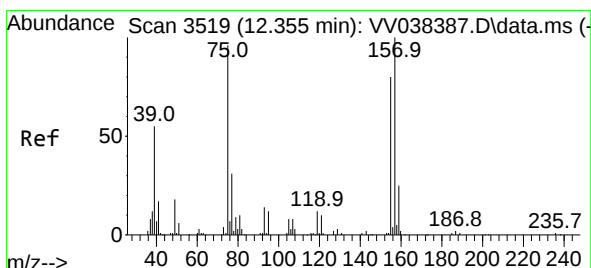
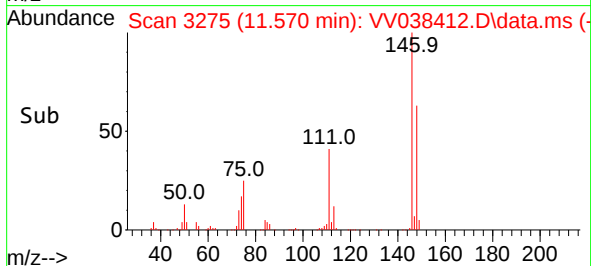
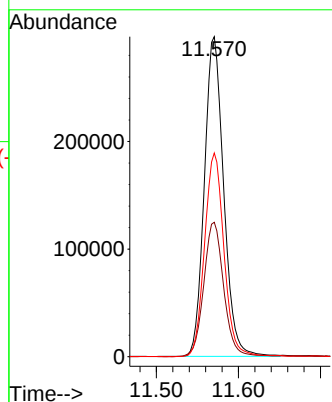
Tgt Ion:146 Resp: 487837

Ion Ratio Lower Upper

146 100

111 42.0 34.2 51.2

148 63.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 56.808 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. 0.000 min

Lab File: VV038412.D

Acq: 05 Dec 2024 10:43

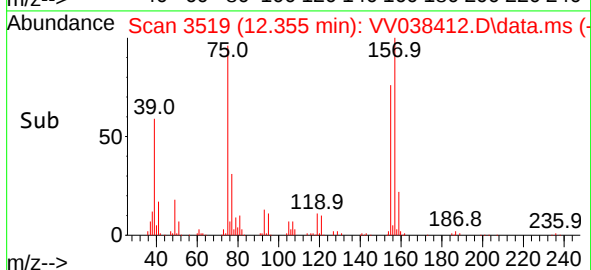
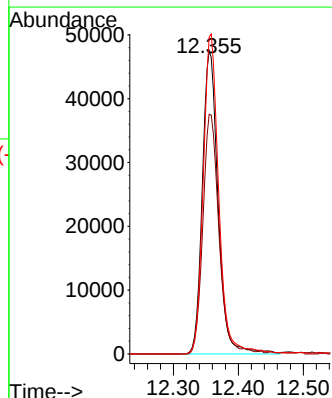
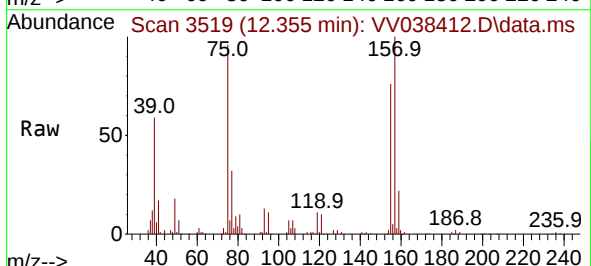
Tgt Ion: 75 Resp: 80411

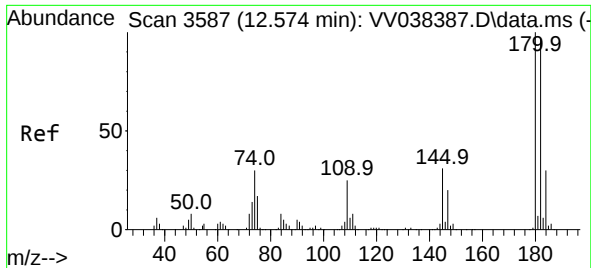
Ion Ratio Lower Upper

75 100

155 79.0 66.8 100.2

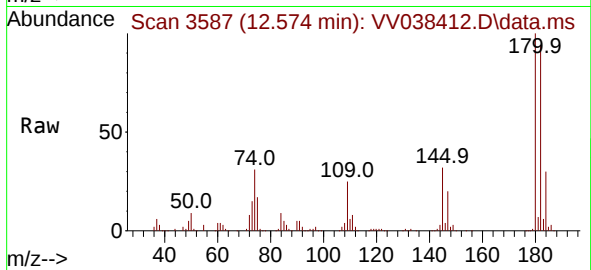
157 104.4 83.4 125.2



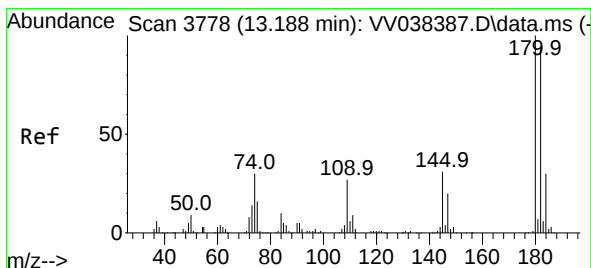
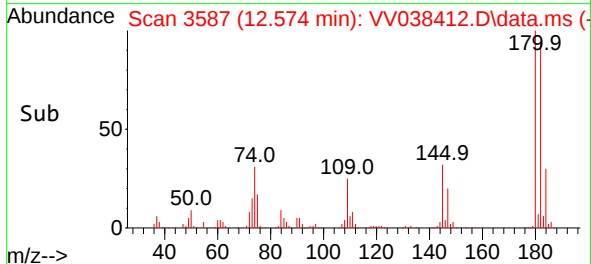
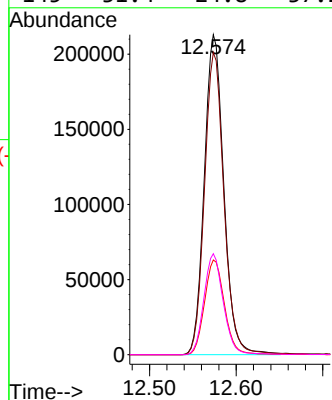


#69
1,3,5-Trichlorobenzene
Concen: 50.489 ug/L
RT: 12.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Instrument :
MSVOA_V
ClientSampleId :

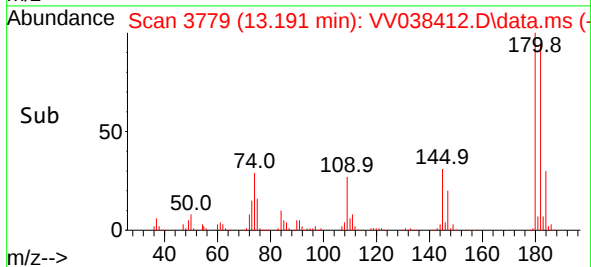
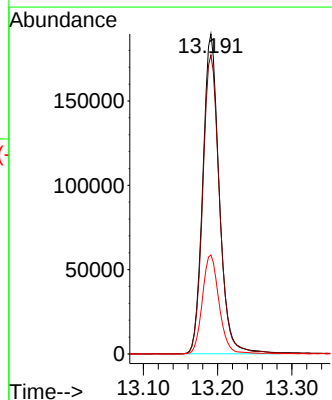
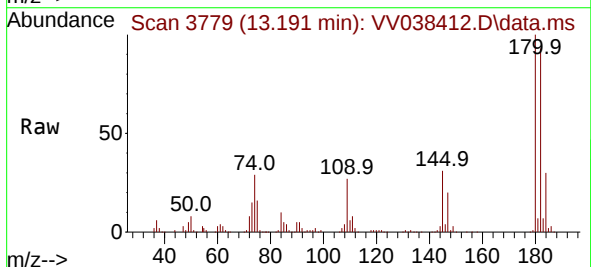


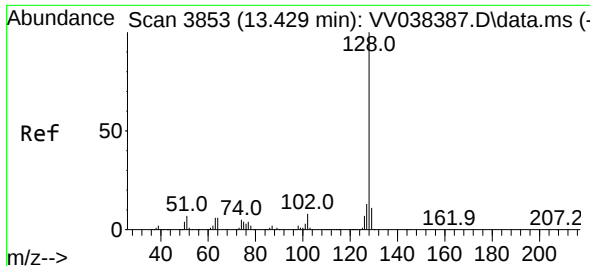
Tgt Ion:180 Resp: 333472
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.4
184 30.1 23.8 35.6
145 31.4 24.8 37.2



#70
1,2,4-trichlorobenzene
Concen: 52.322 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion:180 Resp: 291143
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 31.6 24.7 37.1

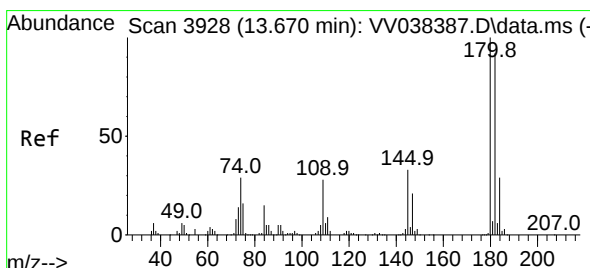
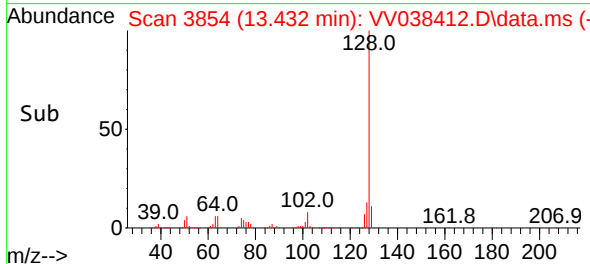
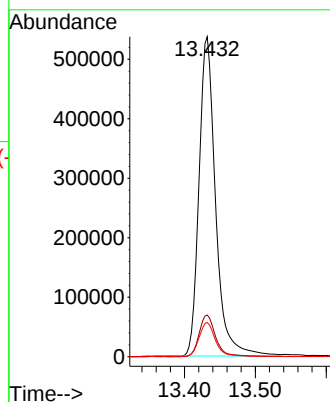
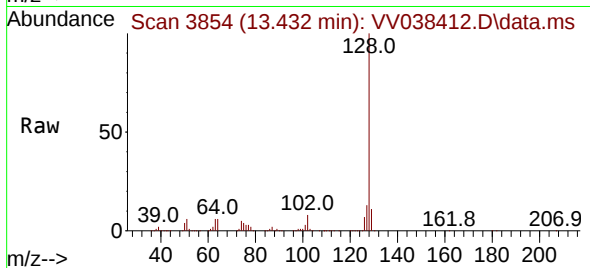




#71
Naphthalene
Concen: 57.910 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 873608
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 56.005 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.003 min
Lab File: VV038412.D
Acq: 05 Dec 2024 10:43

Tgt Ion:180 Resp: 305738
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 33.7 27.1 40.7

