

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061224\
 Data File : VV036043.D
 Acq On : 12 Jun 2024 18:11
 Operator : SY/MD
 Sample : VV0612SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 02:11:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 02:10:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	205766	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	183880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	74423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112164	29.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.600%	
7) Chloroethane-d5	1.532	69	93443	30.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.920%	
11) 1,1-Dichloroethene-d2	2.056	65	53013	31.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 125.920%#	
21) 2-Butanone-d5	3.822	46	16853	19.417	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 38.840%	
24) Chloroform-d	4.249	84	171985	26.290	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.160%	
26) 1,2-Dichloroethane-d4	4.944	65	76863	22.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 89.640%	
32) Benzene-d6	4.960	84	329791	30.172	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 120.680%	
36) 1,2-Dichloropropane-d6	5.989	67	101400	29.459	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 117.840%	
41) Toluene-d8	7.243	98	252623	26.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.760%	
43) trans-1,3-Dichloroprop...	7.561	79	28356	20.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 80.360%	
47) 2-Hexanone-d5	8.037	63	10871	23.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 46.620%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	63714	24.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 99.080%	
66) 1,2-Dichlorobenzene-d4	11.561	152	78651	28.819	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 115.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	3721	1.003	ug/L	97
3) Chloromethane	1.217	50	3907	0.918	ug/L	100
5) Vinyl chloride	1.281	62	4684	1.045	ug/L #	53
6) Bromomethane	1.487	94	2533	0.911	ug/L	94
8) Chloroethane	1.548	64	2425	0.870	ug/L	85
9) Trichlorofluoromethane	1.712	101	6521	1.171	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	5866	1.660	ug/L	88
12) 1,1-Dichloroethene	2.063	96	4796	1.456	ug/L #	1
13) Acetone	2.114	43	3779	2.795	ug/L #	28
14) Carbon disulfide	2.240	76	10085	0.881	ug/L	98
15) Methyl Acetate	2.394	43	826	0.492	ug/L #	65
16) Methylene chloride	2.445	84	27931	5.999	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	2799	0.800	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	3726	0.474	ug/L #	92
19) 1,1-Dichloroethane	3.111	63	5096	0.765	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	1175	0.334	ug/L	92
23) Bromochloromethane	4.169	128	1042	0.591	ug/L	92
25) Chloroform	4.275	83	6527	0.952	ug/L	89
29) Cyclohexane	4.577	56	2210	0.505	ug/L #	35

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 Misc : 5.00g/10.0mL/MSVOA_V/SoIL
 ALS Vial : 4 Sample Multiplier: 1

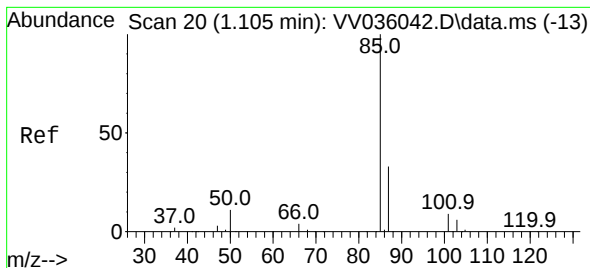
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 02:11:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 02:10:50 2024
 Response via : Initial Calibration

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

30) 1,1,1-Trichloroethane	4.516	97	4995	0.994	ug/L	97
31) Carbon tetrachloride	4.735	117	5113	1.159	ug/L	93
34) Trichloroethene	5.844	95	3048	0.827	ug/L	93
35) Methylcyclohexane	6.047	83	4726	0.927	ug/L	88
38) Bromodichloromethane	6.445	83	2926	0.700	ug/L	95
42) Toluene	7.329	91	9217	0.750	ug/L	98
45) 1,1,2-Trichloroethane	7.789	97	1569	0.600	ug/L	90
46) Tetrachloroethene	7.911	164	2994	1.111	ug/L	92
49) Dibromochloromethane	8.178	129	1728	0.604	ug/L	77
50) 1,2-Dibromoethane	8.294	107	1106	0.441	ug/L #	94
51) Chlorobenzene	8.818	112	6352	0.759	ug/L	98
52) Ethylbenzene	8.956	91	8778	0.668	ug/L	86
53) m,p-Xylene	9.082	106	3185	0.645	ug/L	97
54) o-Xylene	9.484	106	2398	0.515	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	2207	0.943	ug/L #	85
59) Bromoform	9.670	173	699	0.498	ug/L #	77
60) Isopropylbenzene	9.870	105	7844	0.822	ug/L	96
61) 1,2,3-Trichloropropane	10.210	75	1300	0.739	ug/L #	82
62) 1,3,5-Trimethylbenzene	10.477	105	5768	0.833	ug/L	94
63) 1,2,4-Trimethylbenzene	10.857	105	5366	0.719	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	4628	0.923	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	4649	0.898	ug/L	95
67) 1,2-Dichlorobenzene	11.577	146	4382	0.929	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	3666	0.977	ug/L #	90
70) 1,2,4-trichlorobenzene	13.204	180	2535	0.858	ug/L	98
71) Naphthalene	13.455	128	4054	0.841	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.683	180	1858	0.689	ug/L #	84

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



#2

Dichlorodifluoromethane

Concen: 1.003 ug/L

RT: 1.108 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

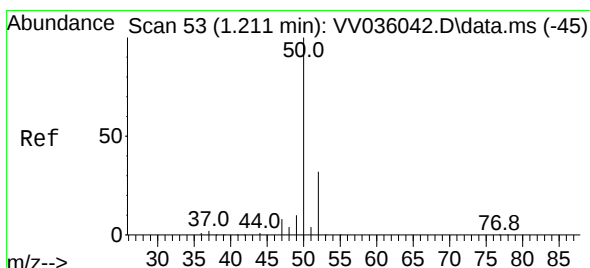
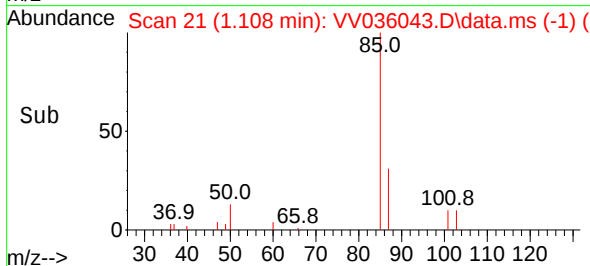
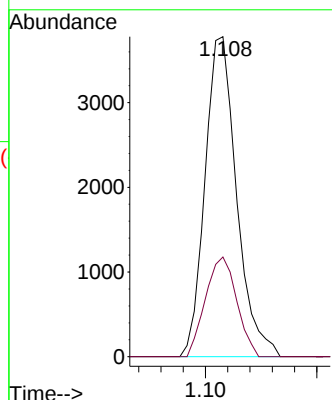
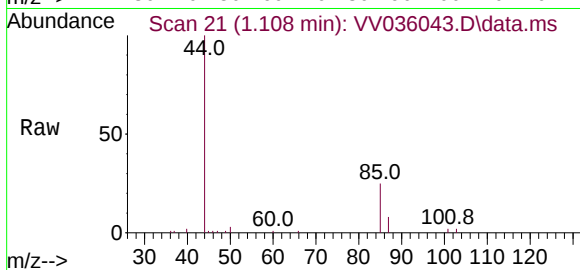
ClientSampleId :

Tgt Ion: 85 Resp: 3721

Ion Ratio Lower Upper

85 100

87 30.7 25.9 38.9



#3

Chloromethane

Concen: 0.918 ug/L

RT: 1.217 min Scan# 55

Delta R.T. 0.007 min

Lab File: VV036043.D

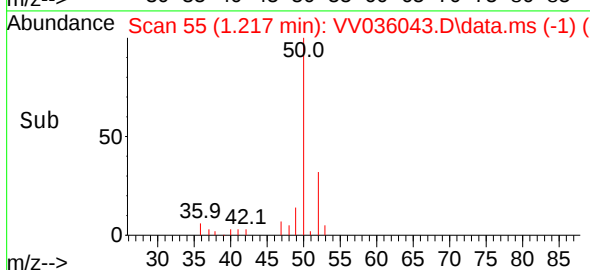
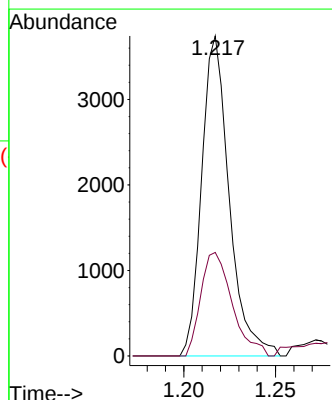
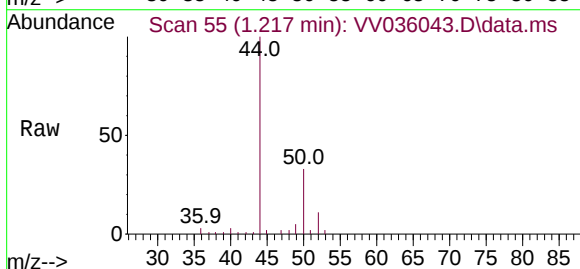
Acq: 12 Jun 2024 18:11

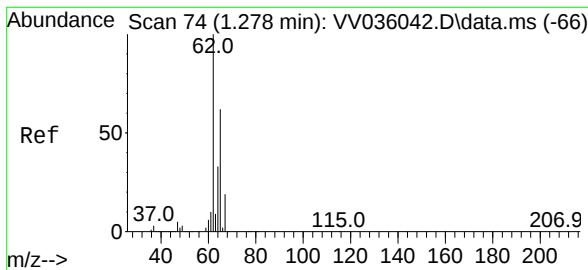
Tgt Ion: 50 Resp: 3907

Ion Ratio Lower Upper

50 100

52 32.4 22.8 42.4





#5

Vinyl chloride

Concen: 1.045 ug/L

RT: 1.281 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

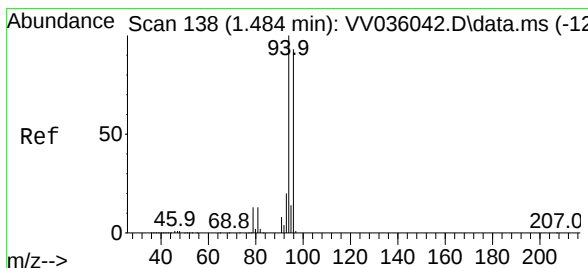
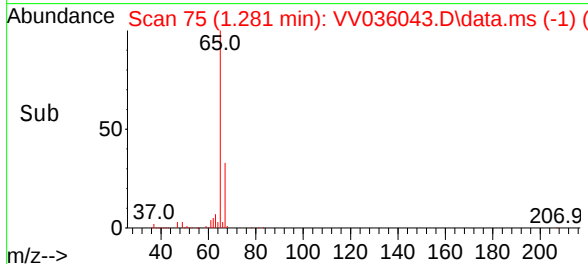
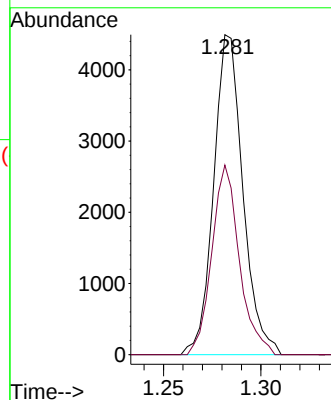
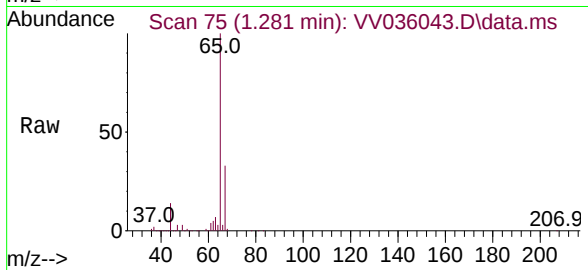
ClientSampleId :

Tgt Ion: 62 Resp: 4684

Ion Ratio Lower Upper

62 100

64 59.3 22.9 42.5#



#6

Bromomethane

Concen: 0.911 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV036043.D

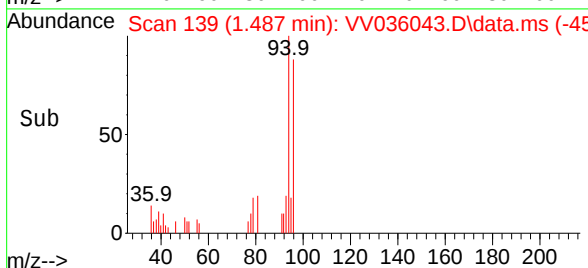
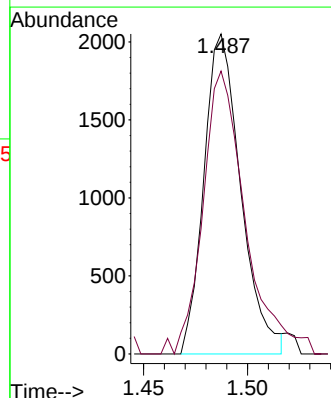
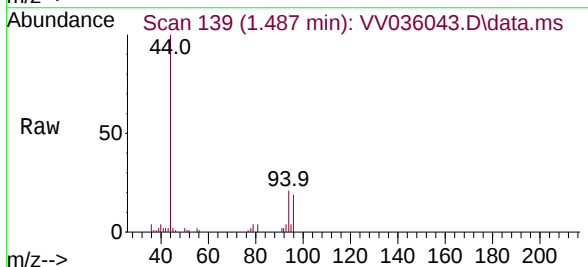
Acq: 12 Jun 2024 18:11

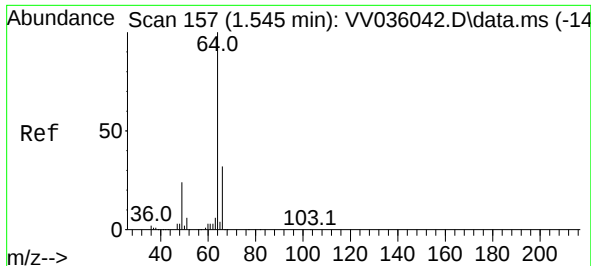
Tgt Ion: 94 Resp: 2533

Ion Ratio Lower Upper

94 100

96 88.4 65.7 122.1

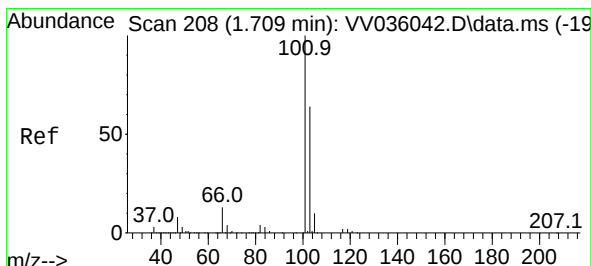
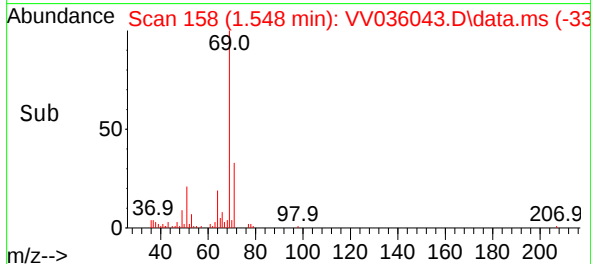
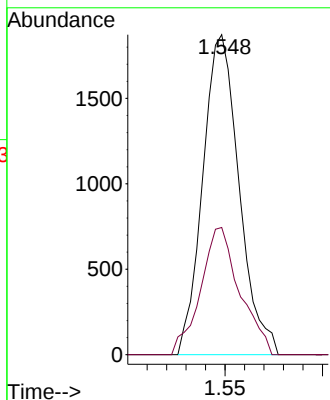
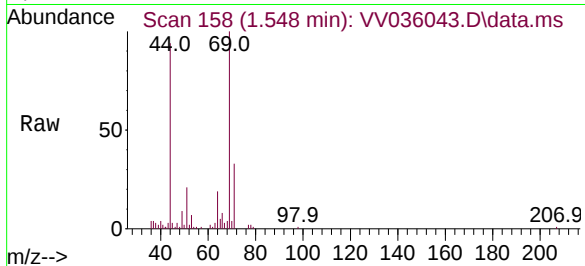




#8
Chloroethane
Concen: 0.870 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

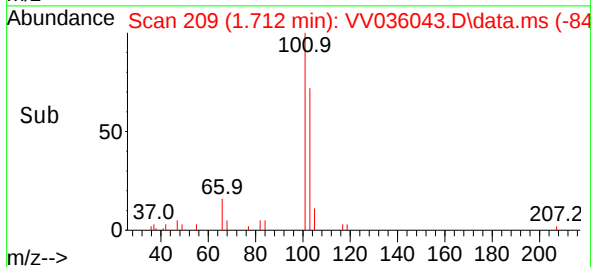
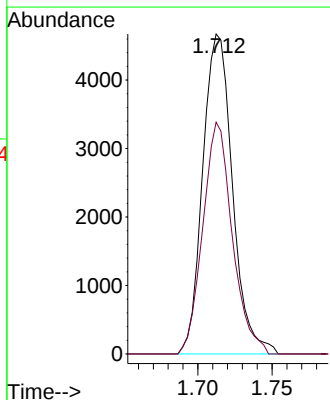
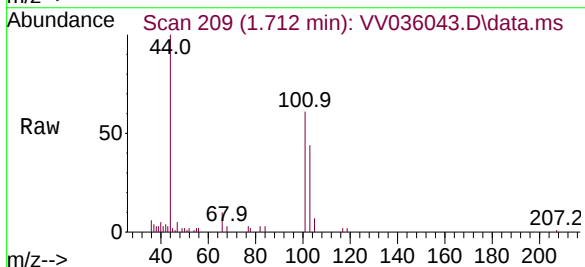
Instrument :
MSVOA_V
ClientSampleId :

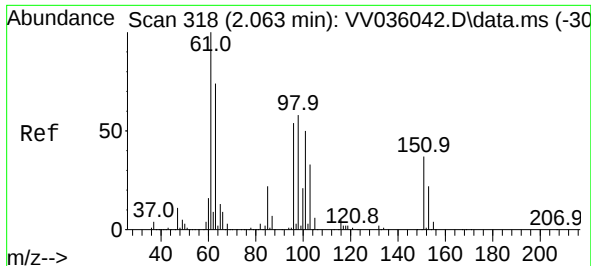
Tgt Ion: 64 Resp: 2425
Ion Ratio Lower Upper
64 100
66 39.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 1.171 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Tgt Ion:101 Resp: 6521
Ion Ratio Lower Upper
101 100
103 71.8 51.8 77.8

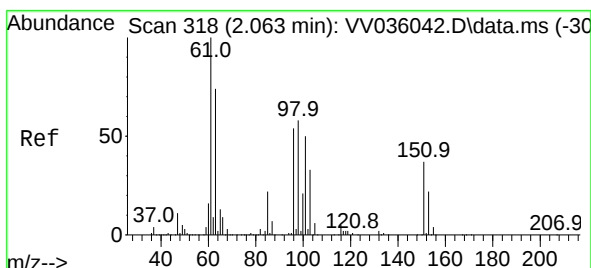
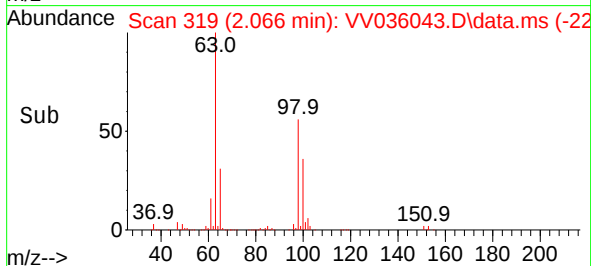
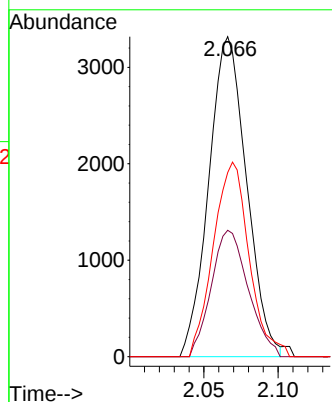
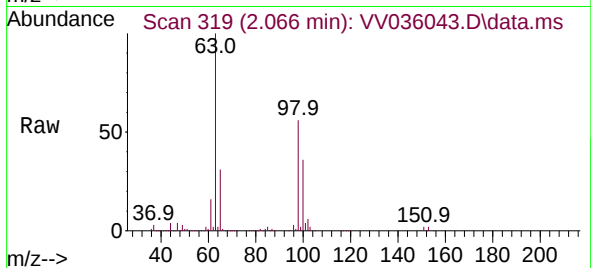




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.660 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

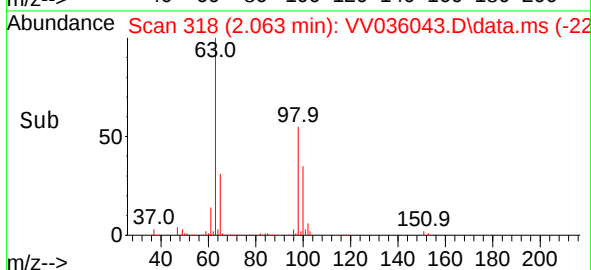
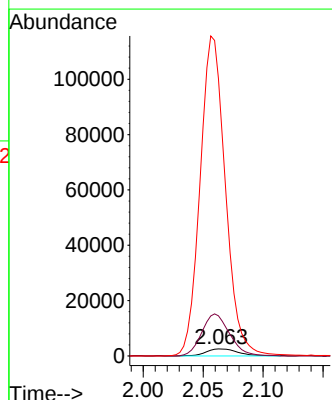
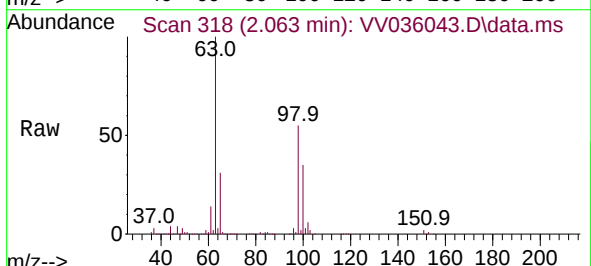
Instrument :
MSVOA_V
ClientSampleId :

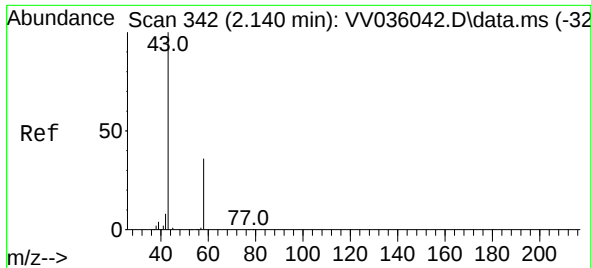
Tgt Ion:101 Resp: 5866
Ion Ratio Lower Upper
101 100
85 38.7 34.5 51.7
151 57.7 56.3 84.5



#12
1,1-Dichloroethene
Concen: 1.456 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Tgt Ion: 96 Resp: 4796
Ion Ratio Lower Upper
96 100
61 572.1 127.3 236.3#
63 3954.2 93.7 173.9#





#13

Acetone

Concen: 2.795 ug/L

RT: 2.114 min Scan# 342

Delta R.T. -0.026 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

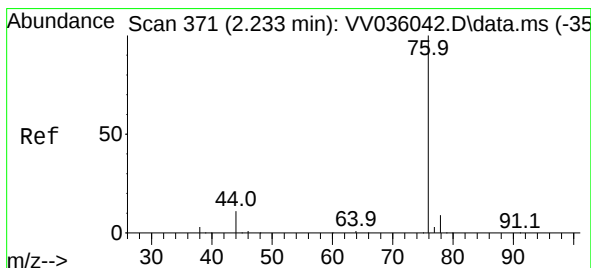
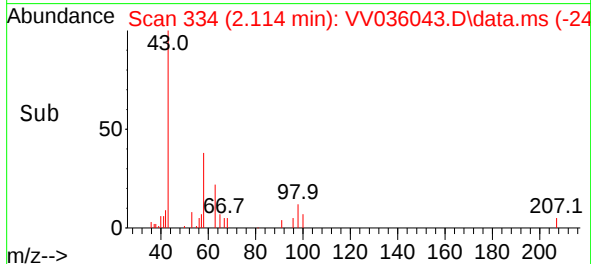
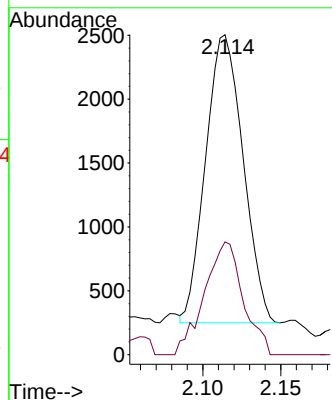
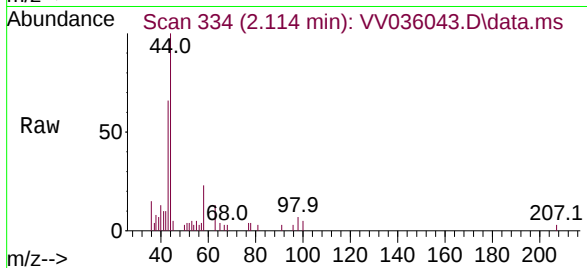
ClientSampleId :

Tgt Ion: 43 Resp: 3779

Ion Ratio Lower Upper

43 100

58 40.2 0.0 24.2#



#14

Carbon disulfide

Concen: 0.881 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.006 min

Lab File: VV036043.D

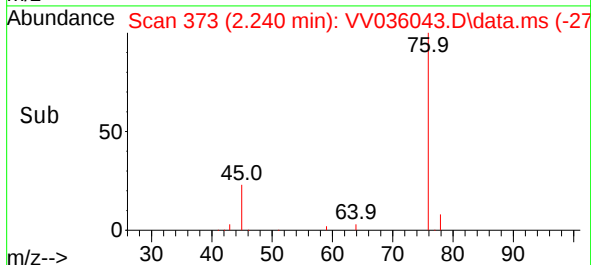
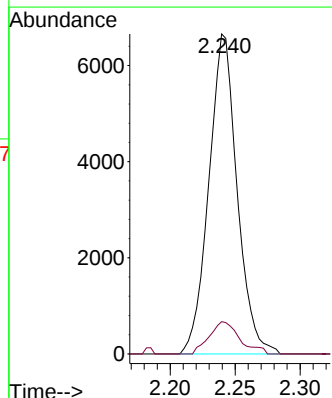
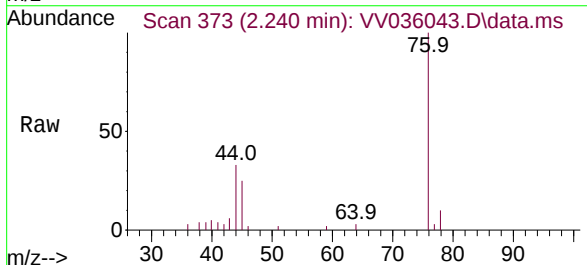
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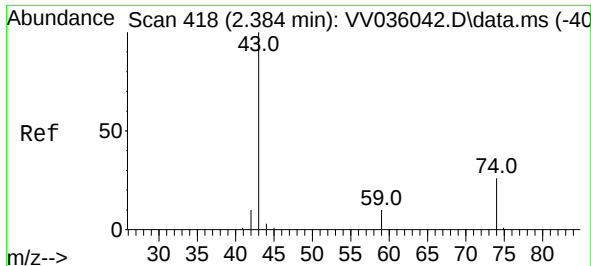
Tgt Ion: 76 Resp: 10085

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.2





#15

Methyl Acetate

Concen: 0.492 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

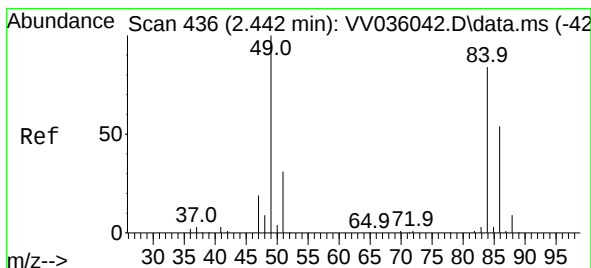
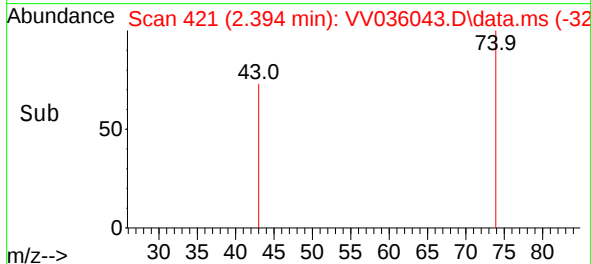
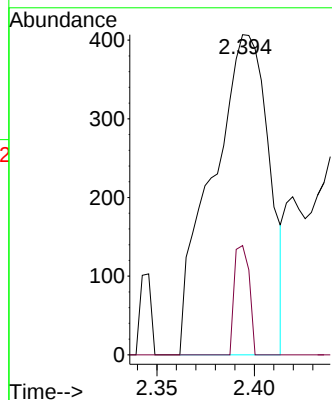
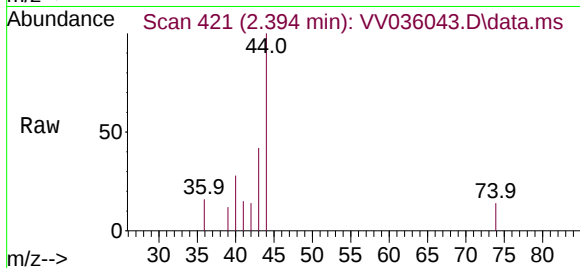
ClientSampleId :

Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

74 9.0 21.4 32.2#



#16

Methylene chloride

Concen: 5.999 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

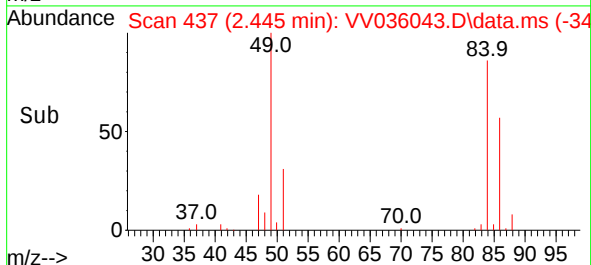
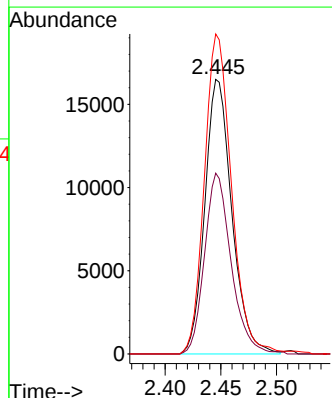
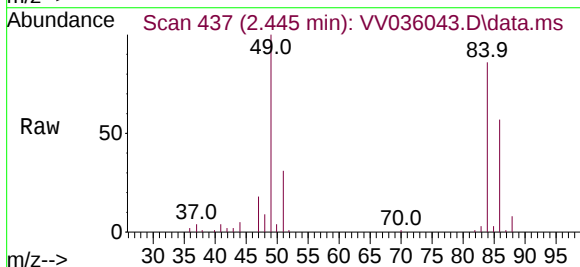
Tgt Ion: 84 Resp: 27931

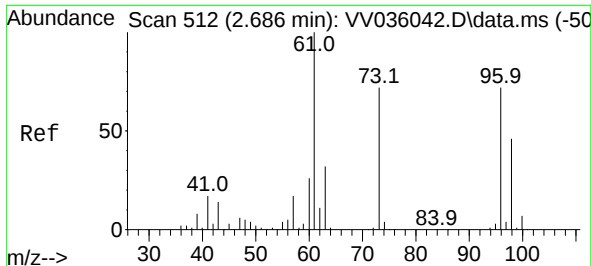
Ion Ratio Lower Upper

84 100

86 65.9 44.6 82.8

49 116.5 81.1 150.5

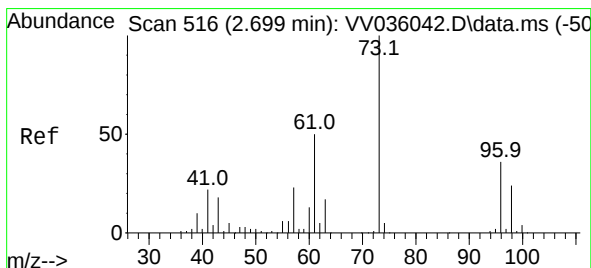
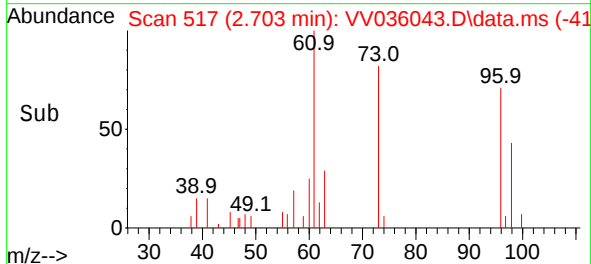
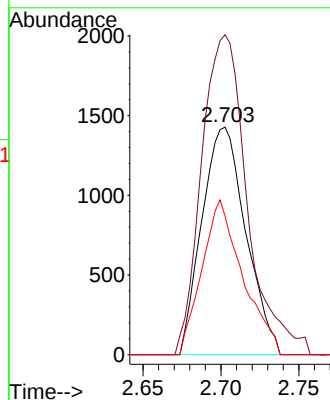
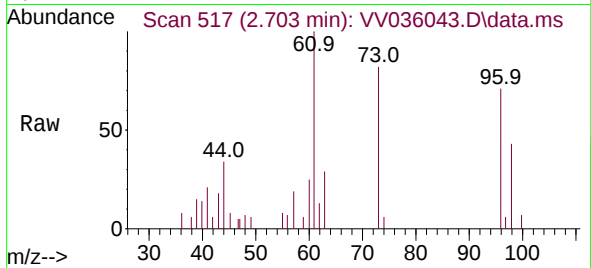




#17
trans-1,2-Dichloroethene
Concen: 0.800 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.016 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

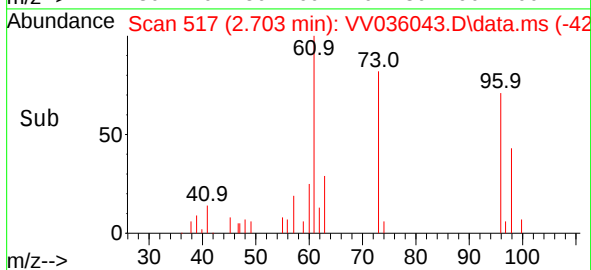
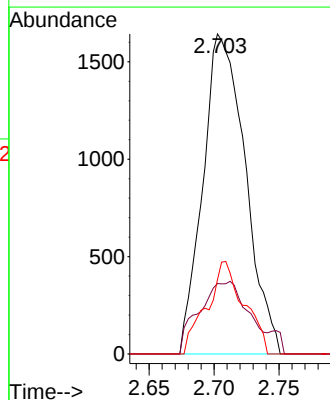
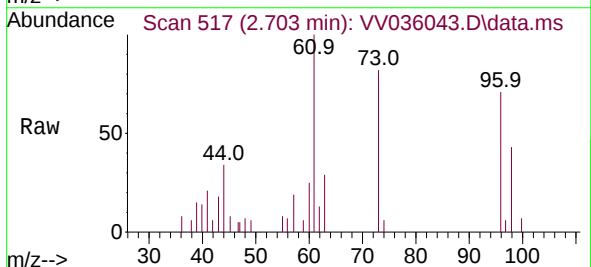
Instrument :
MSVOA_V
ClientSampleId :

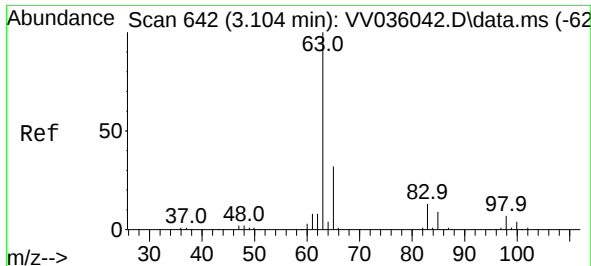
Tgt Ion: 96 Resp: 2799
Ion Ratio Lower Upper
96 100
61 140.6 99.4 184.6
98 61.1 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 0.474 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Tgt Ion: 73 Resp: 3726
Ion Ratio Lower Upper
73 100
43 13.2 14.3 21.5#
57 19.7 17.8 26.6

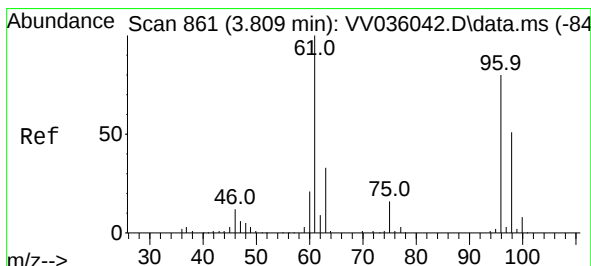
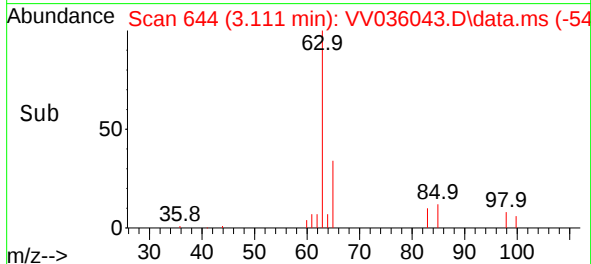
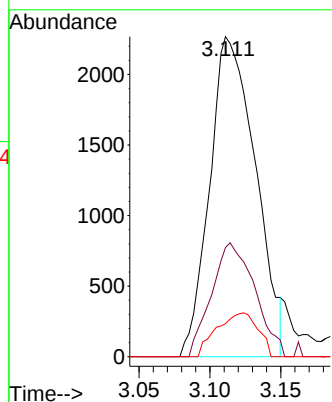
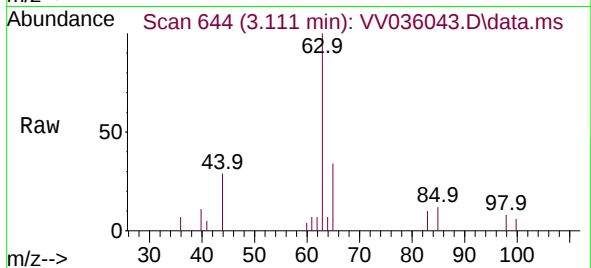




#19
1,1-Dichloroethane
Concen: 0.765 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

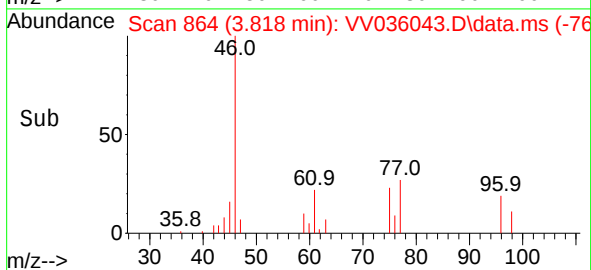
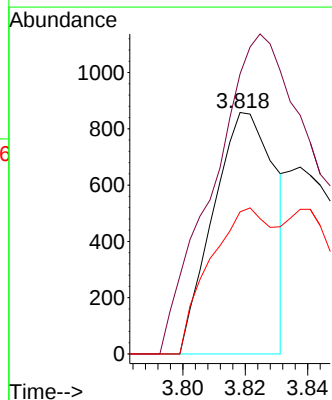
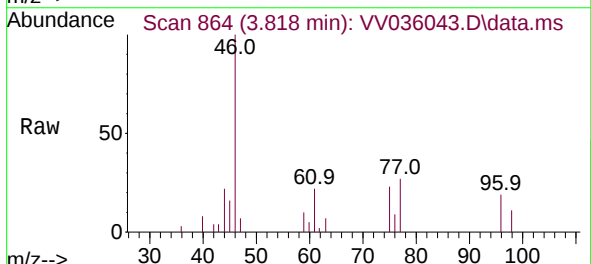
Instrument :
MSVOA_V
ClientSampleId :

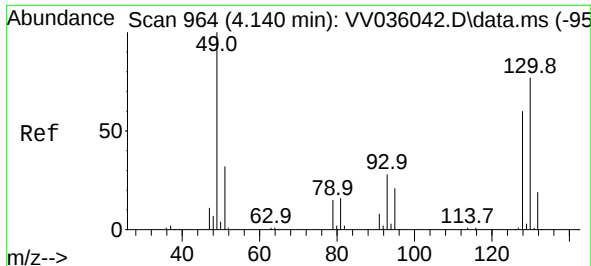
Tgt Ion: 63 Resp: 5096
Ion Ratio Lower Upper
63 100
65 34.1 22.4 41.6
83 10.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 0.334 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

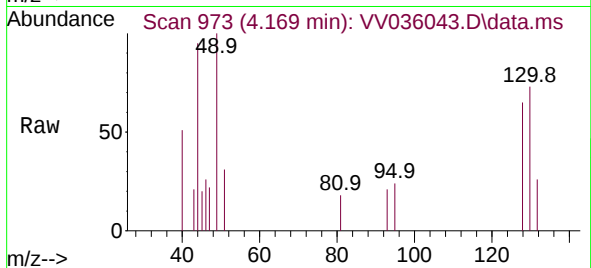
Tgt Ion: 96 Resp: 1175
Ion Ratio Lower Upper
96 100
61 116.0 87.9 163.3
98 58.9 44.4 82.5



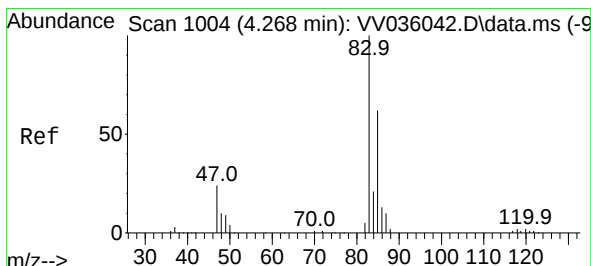
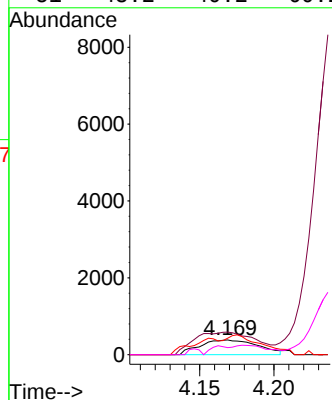
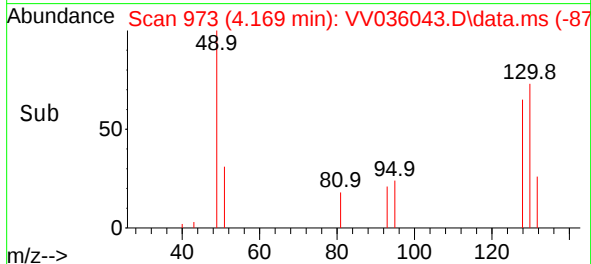


#23
Bromochloromethane
Concen: 0.591 ug/L
RT: 4.169 min Scan# 91
Delta R.T. 0.029 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Instrument :
MSVOA_V
ClientSampleId :

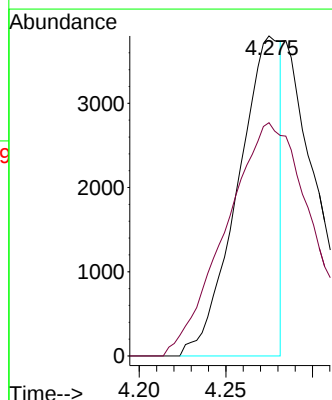
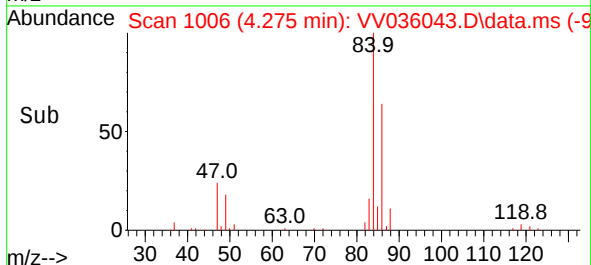
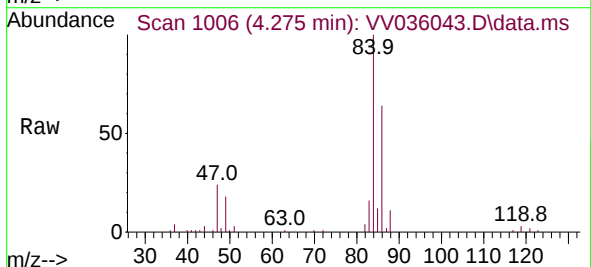


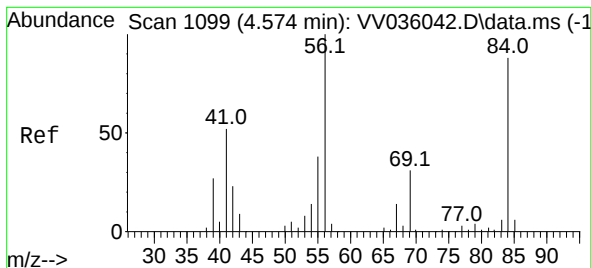
Tgt Ion:128 Resp: 1042
Ion Ratio Lower Upper
128 100
49 153.1 110.2 204.6
130 112.0 90.2 167.4
51 48.2 40.2 60.2



#25
Chloroform
Concen: 0.952 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Tgt Ion: 83 Resp: 6527
Ion Ratio Lower Upper
83 100
85 72.9 45.2 84.0





#29

Cyclohexane

Concen: 0.505 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

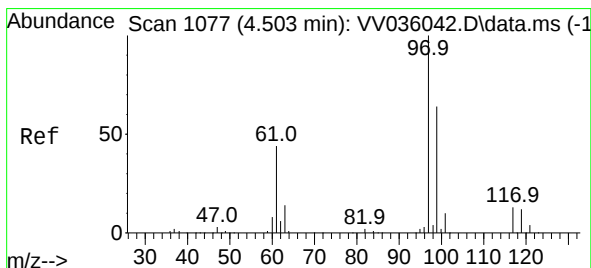
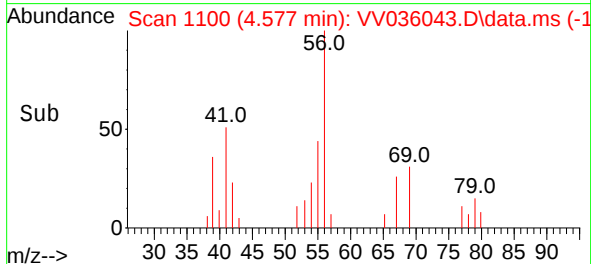
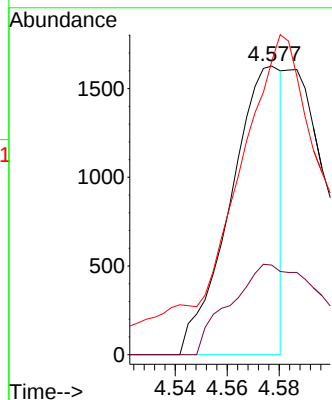
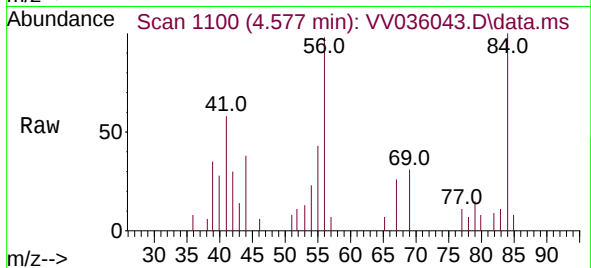
Tgt Ion: 56 Resp: 2210

Ion Ratio Lower Upper

56 100

69 35.2 25.2 37.8

84 171.3 72.2 108.2#



#30

1,1,1-Trichloroethane

Concen: 0.994 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.013 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

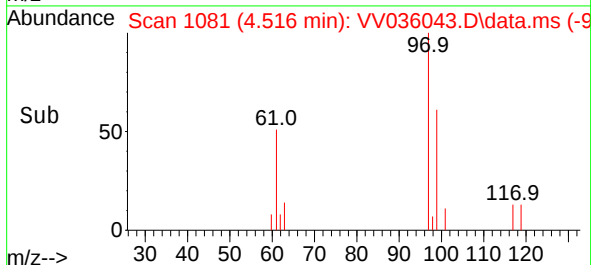
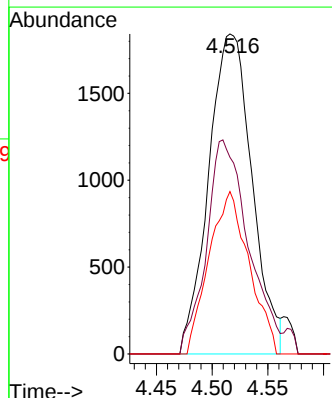
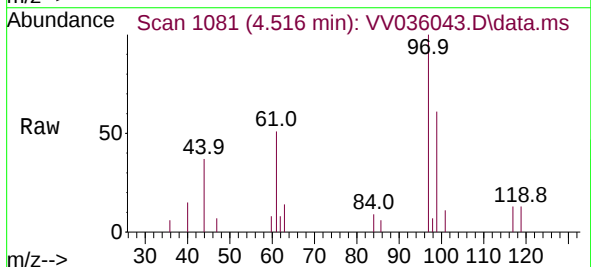
Tgt Ion: 97 Resp: 4995

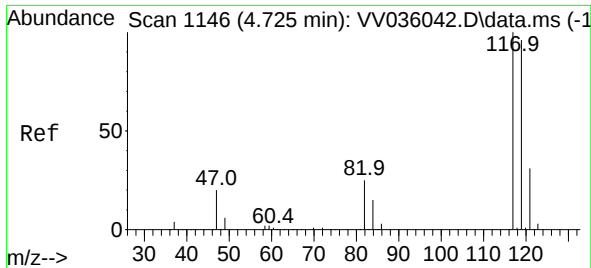
Ion Ratio Lower Upper

97 100

99 64.8 50.9 76.3

61 46.9 35.0 52.6





#31

Carbon tetrachloride

Concen: 1.159 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.010 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

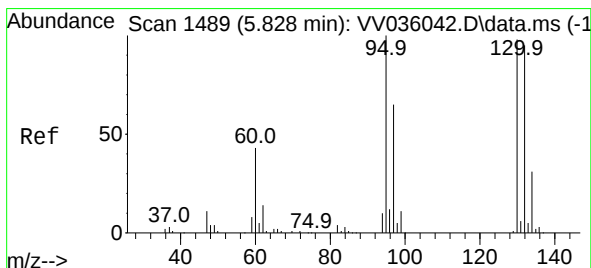
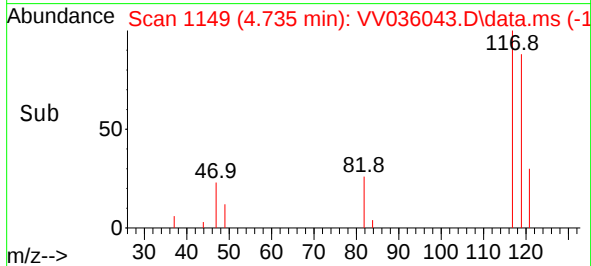
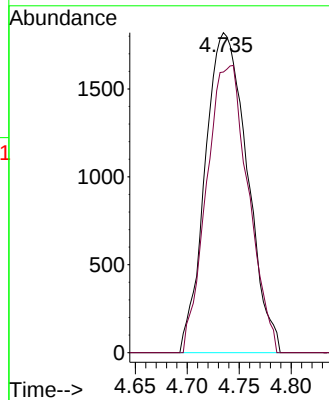
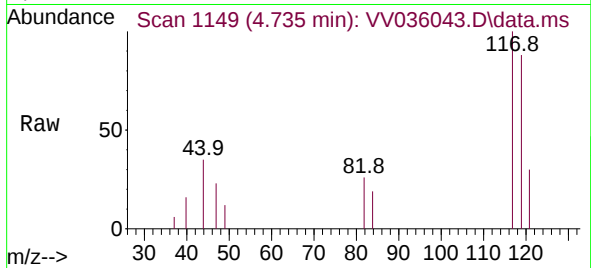
ClientSampleId :

Tgt Ion:117 Resp: 5113

Ion Ratio Lower Upper

117 100

119 89.1 76.8 115.2



#34

Trichloroethene

Concen: 0.827 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.016 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Tgt Ion: 95 Resp: 3048

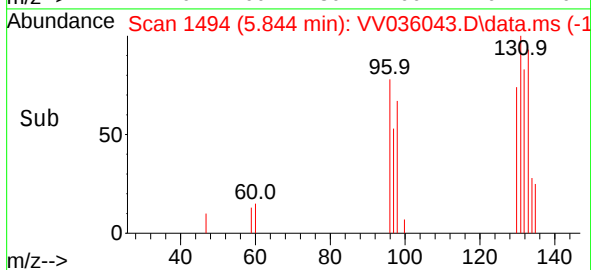
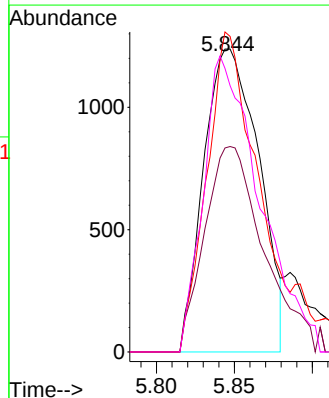
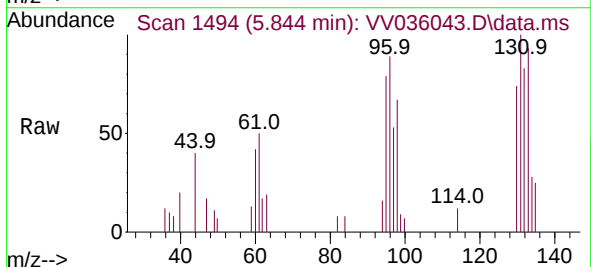
Ion Ratio Lower Upper

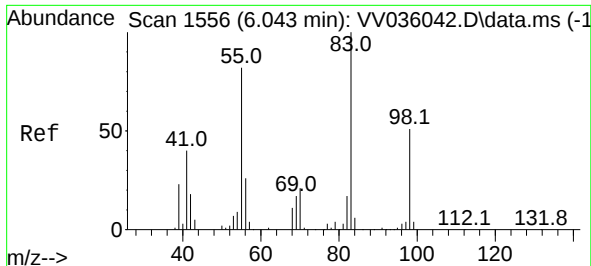
95 100

97 67.4 44.8 83.2

132 105.7 66.8 124.2

130 93.6 70.0 130.0





#35

Methylcyclohexane

Concen: 0.927 ug/L

RT: 6.047 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

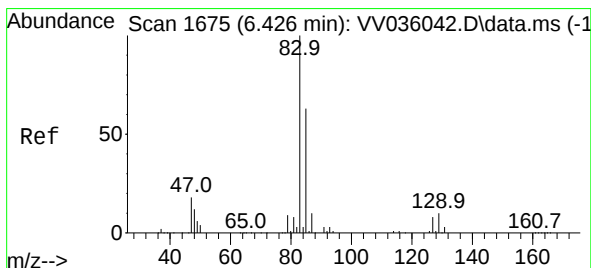
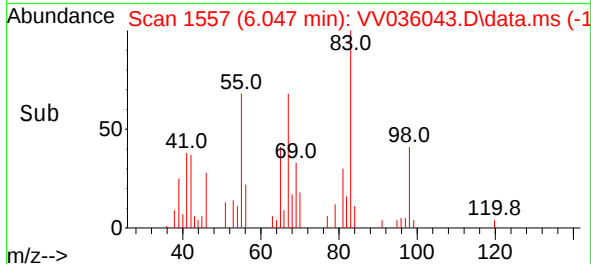
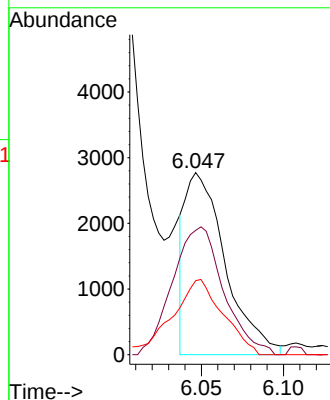
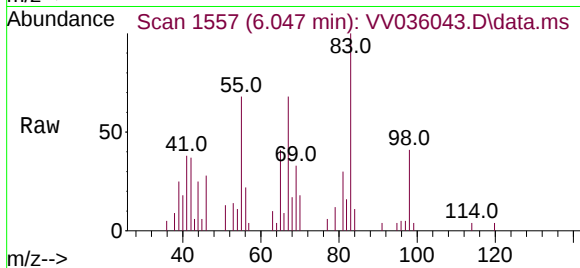
Tgt Ion: 83 Resp: 4726

Ion Ratio Lower Upper

83 100

55 89.1 60.7 91.1

98 52.2 38.7 58.1



#38

Bromodichloromethane

Concen: 0.700 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

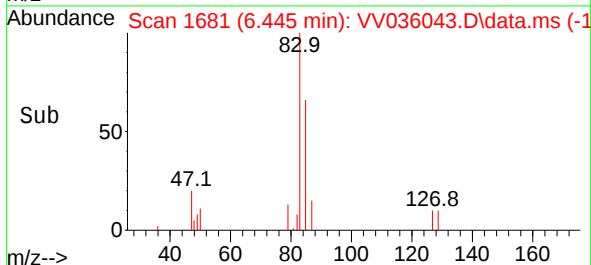
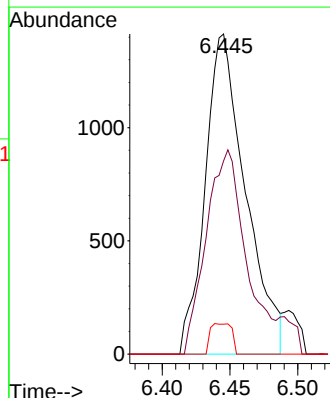
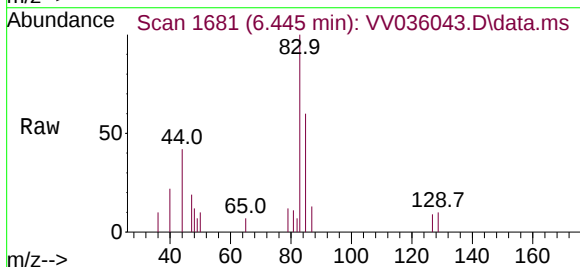
Tgt Ion: 83 Resp: 2926

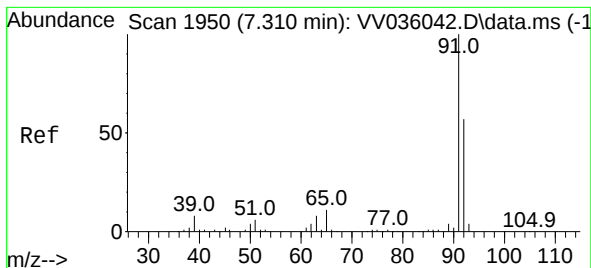
Ion Ratio Lower Upper

83 100

85 60.3 45.3 84.1

127 9.3 6.7 10.1





#42

Toluene

Concen: 0.750 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.019 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

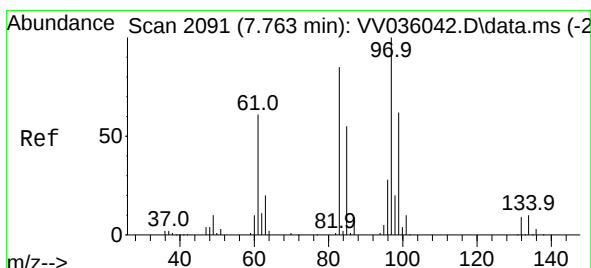
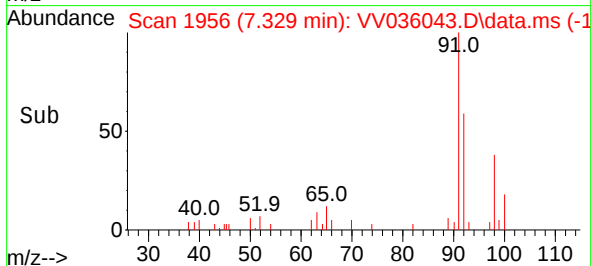
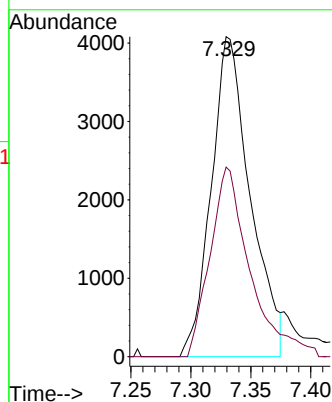
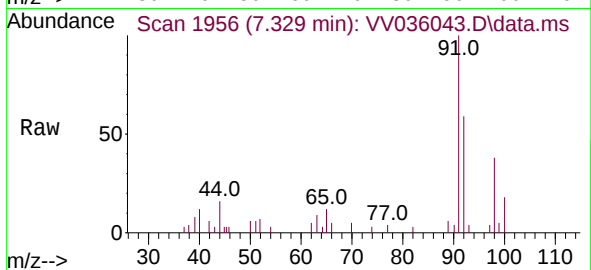
ClientSampleId :

Tgt Ion: 91 Resp: 9217

Ion Ratio Lower Upper

91 100

92 59.3 40.6 75.4



#45

1,1,2-Trichloroethane

Concen: 0.600 ug/L

RT: 7.789 min Scan# 2099

Delta R.T. 0.026 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Tgt Ion: 97 Resp: 1569

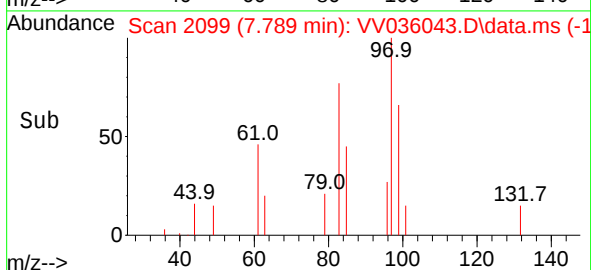
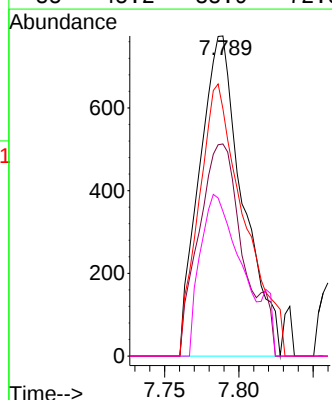
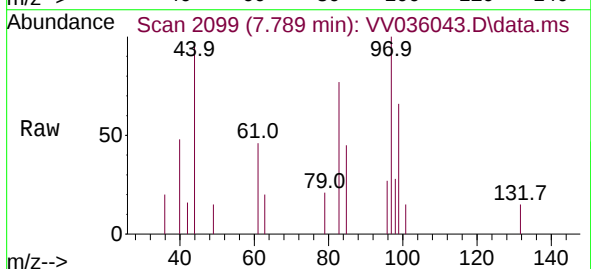
Ion Ratio Lower Upper

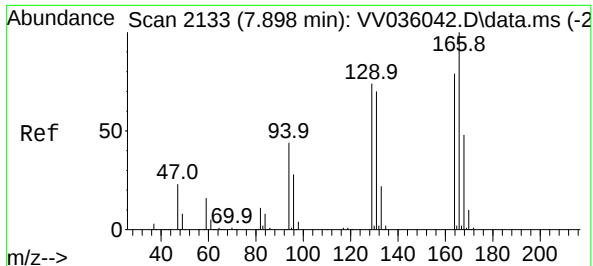
97 100

99 66.3 43.3 80.5

83 77.3 60.1 111.7

85 45.2 38.9 72.3





#46

Tetrachloroethene

Concen: 1.111 ug/L

RT: 7.911 min Scan# 2133

Delta R.T. 0.013 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 2994

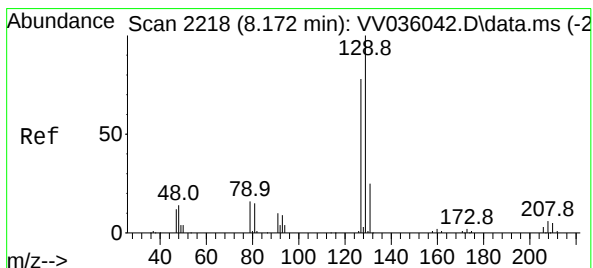
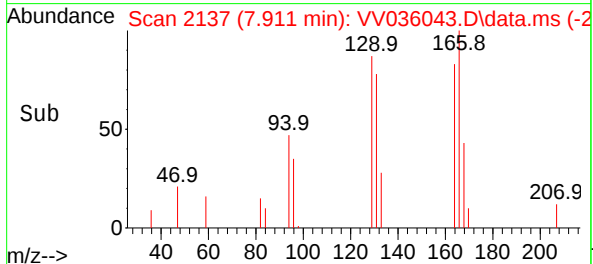
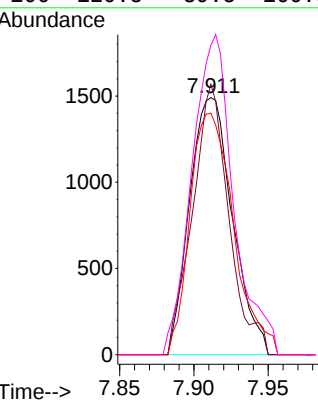
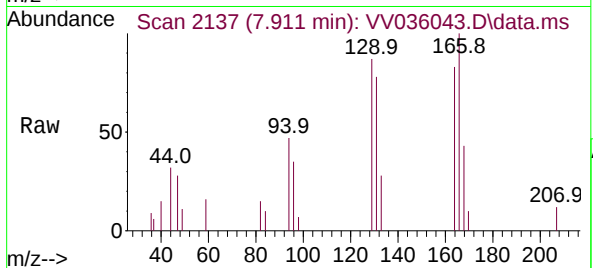
Ion Ratio Lower Upper

164 100

129 105.1 64.6 120.0

131 93.9 63.2 117.4

166 120.5 89.5 166.3



#49

Dibromochloromethane

Concen: 0.604 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.007 min

Lab File: VV036043.D

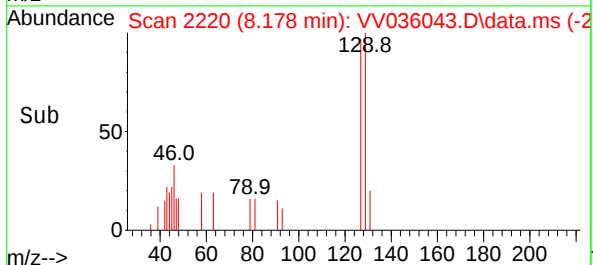
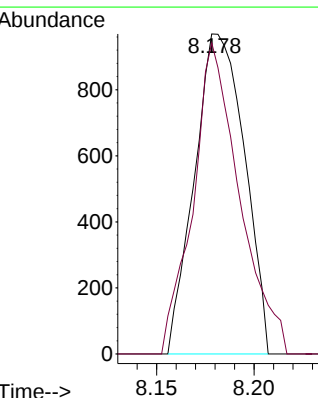
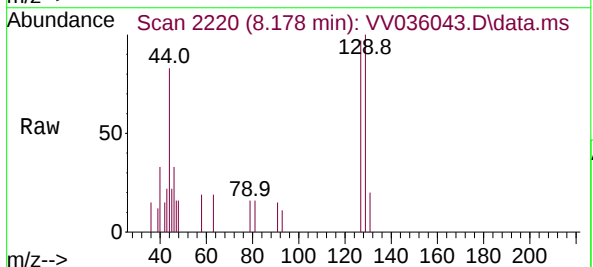
Acq: 12 Jun 2024 18:11

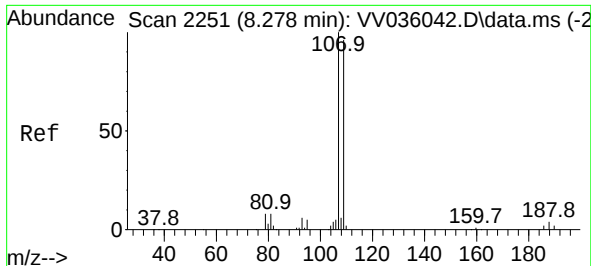
Tgt Ion:129 Resp: 1728

Ion Ratio Lower Upper

129 100

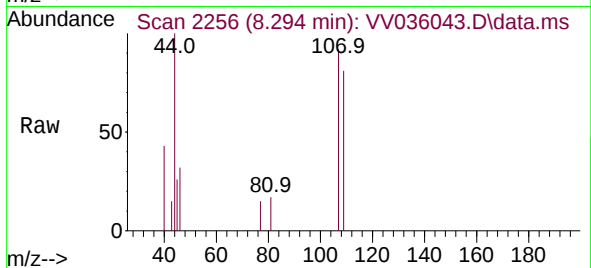
127 97.2 53.9 100.1



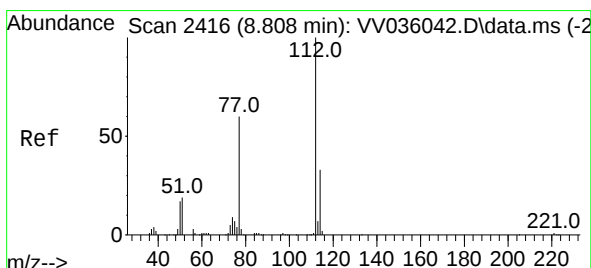
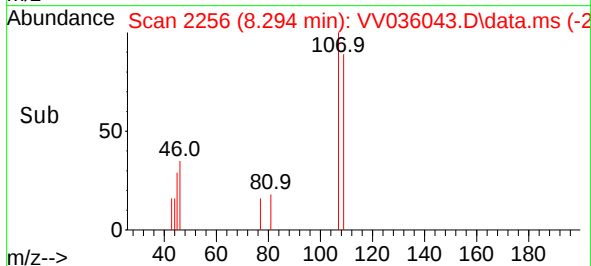
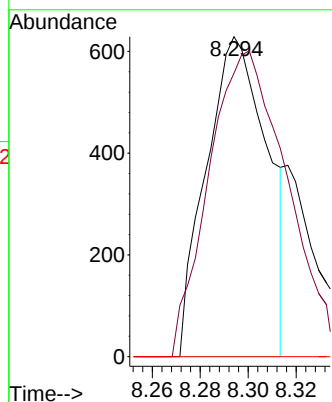


#50
1,2-Dibromoethane
Concen: 0.441 ug/L
RT: 8.294 min Scan# 211
Delta R.T. 0.016 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Instrument :
MSVOA_V
ClientSampleId :

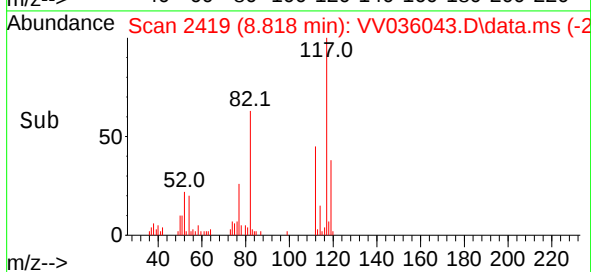
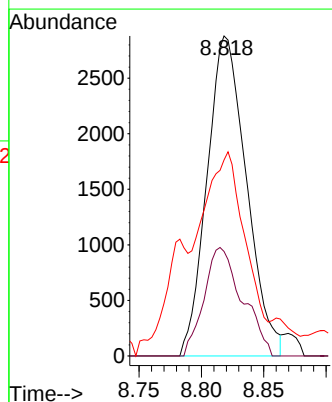
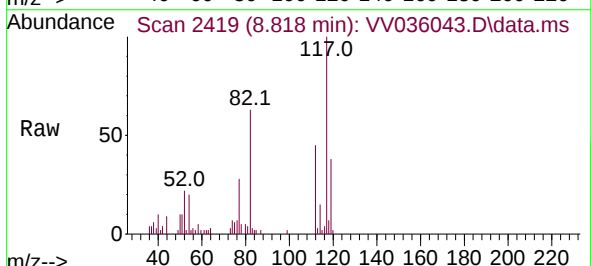


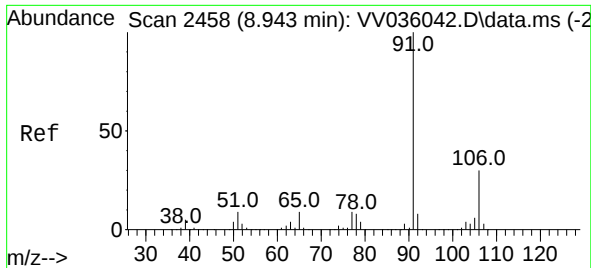
Tgt Ion:107 Resp: 1106
Ion Ratio Lower Upper
107 100
109 88.6 66.1 122.7
188 0.0 3.0 4.6#



#51
Chlorobenzene
Concen: 0.759 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Tgt Ion:112 Resp: 6352
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 61.3 47.3 70.9

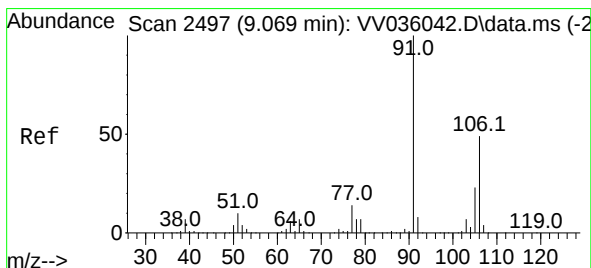
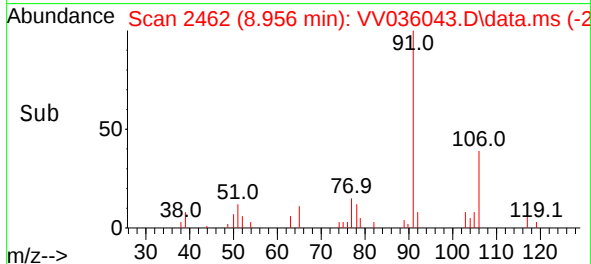
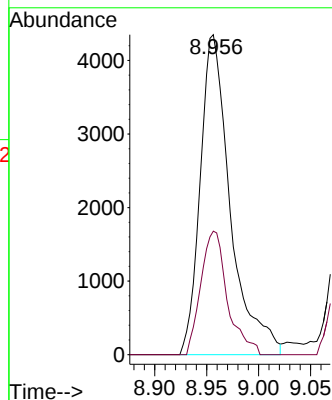
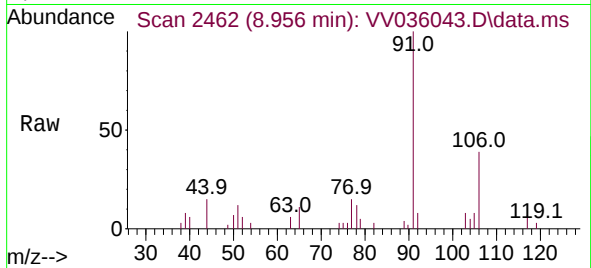




#52
Ethylbenzene
Concen: 0.668 ug/L
RT: 8.956 min Scan# 2458
Delta R.T. 0.013 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

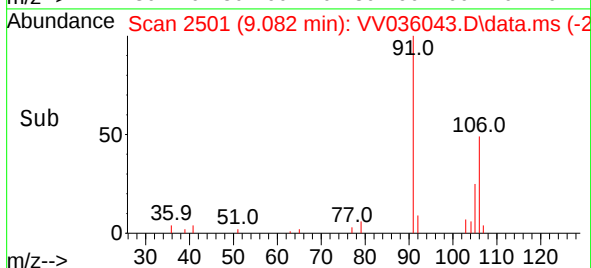
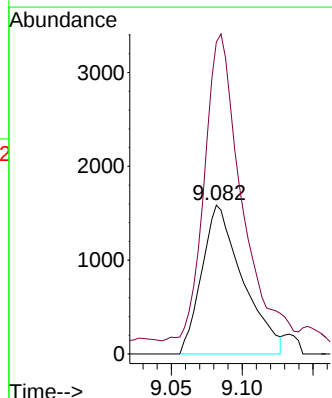
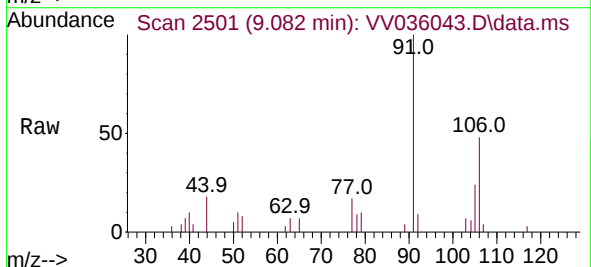
Instrument :
MSVOA_V
ClientSampleId :

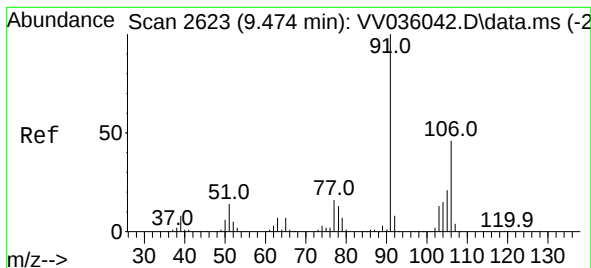
Tgt Ion: 91 Resp: 8778
Ion Ratio Lower Upper
91 100
106 38.6 21.6 40.0



#53
m,p-Xylene
Concen: 0.645 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.013 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Tgt Ion: 106 Resp: 3185
Ion Ratio Lower Upper
106 100
91 209.7 143.1 265.9





#54

o-Xylene

Concen: 0.515 ug/L

RT: 9.484 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

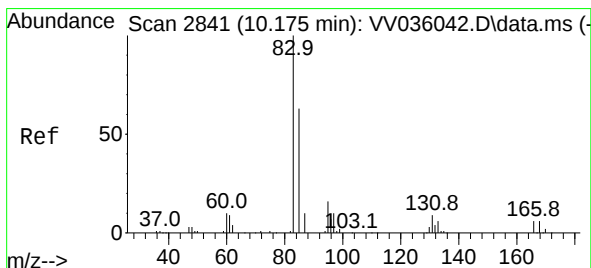
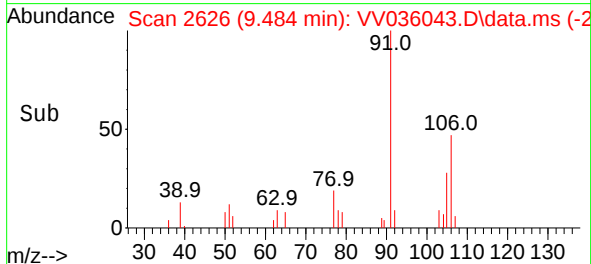
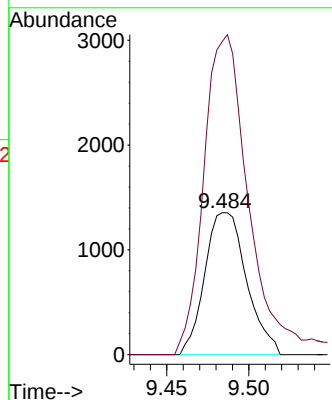
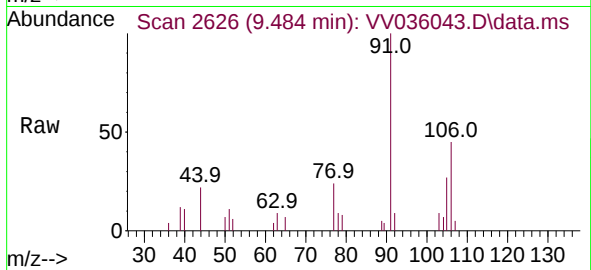
ClientSampleId :

Tgt Ion:106 Resp: 2398

Ion Ratio Lower Upper

106 100

91 220.4 154.5 286.9



#57

1,1,2,2-Tetrachloroethane

Concen: 0.943 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.003 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

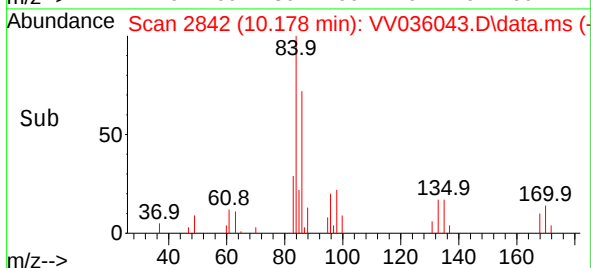
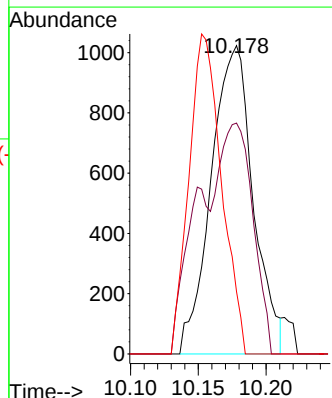
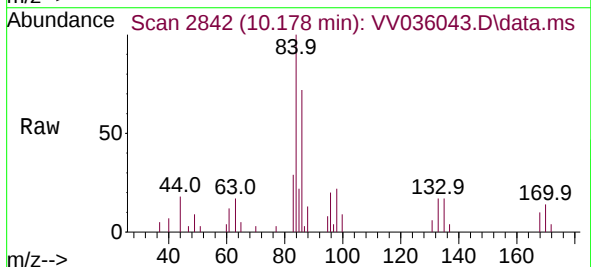
Tgt Ion: 83 Resp: 2207

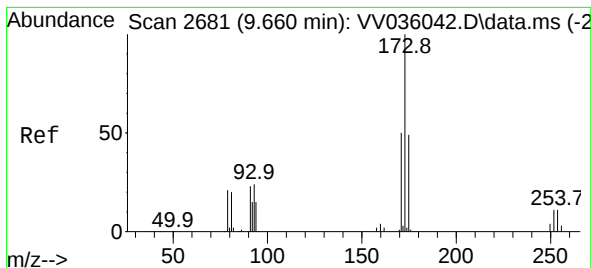
Ion Ratio Lower Upper

83 100

85 74.9 45.1 83.7

131 20.2 7.6 11.4#





#59

Bromoform

Concen: 0.498 ug/L

RT: 9.670 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

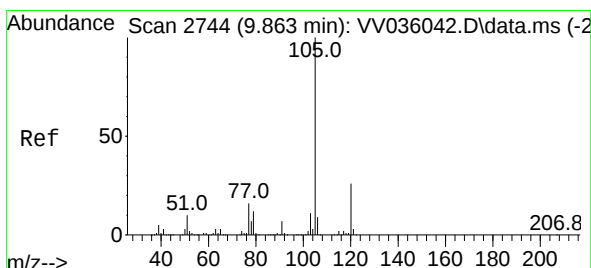
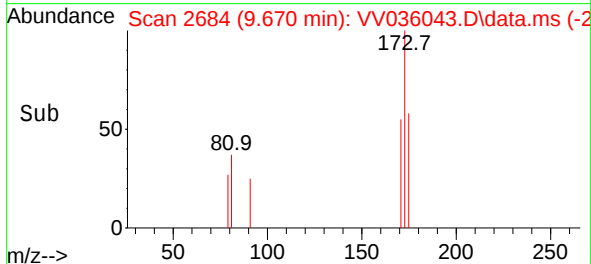
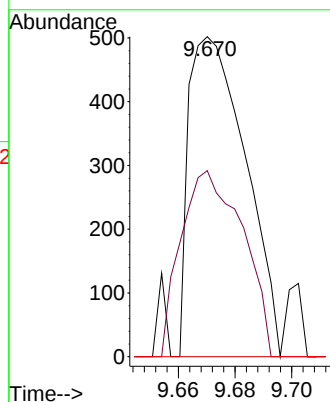
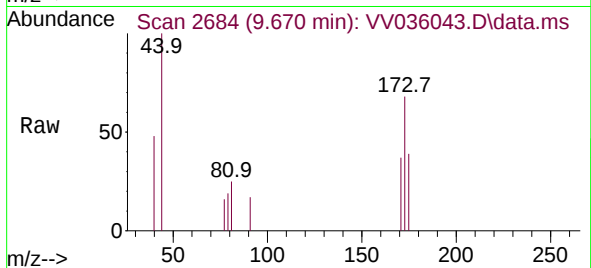
Tgt Ion:173 Resp: 699

Ion Ratio Lower Upper

173 100

175 63.4 39.0 58.6#

254 0.0 8.6 13.0#



#60

Isopropylbenzene

Concen: 0.822 ug/L

RT: 9.870 min Scan# 2746

Delta R.T. 0.006 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

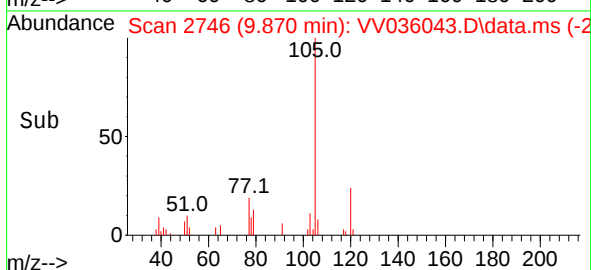
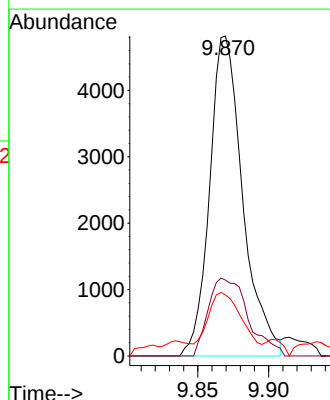
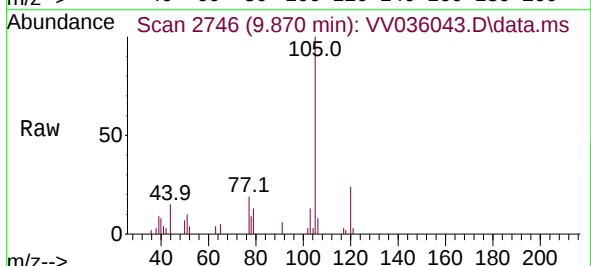
Tgt Ion:105 Resp: 7844

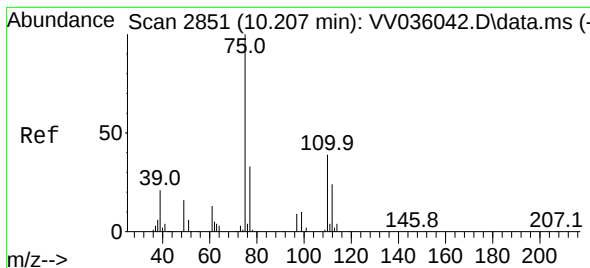
Ion Ratio Lower Upper

105 100

120 29.2 21.0 31.6

77 16.2 12.6 18.8





#61

1,2,3-Trichloropropane

Concen: 0.739 ug/L

RT: 10.210 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036043.D

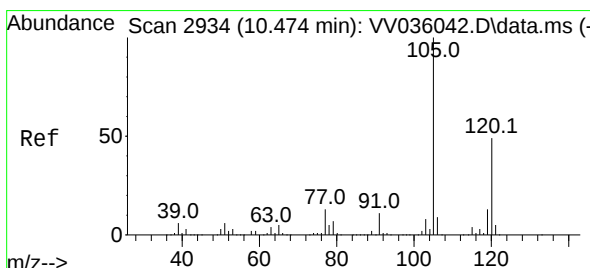
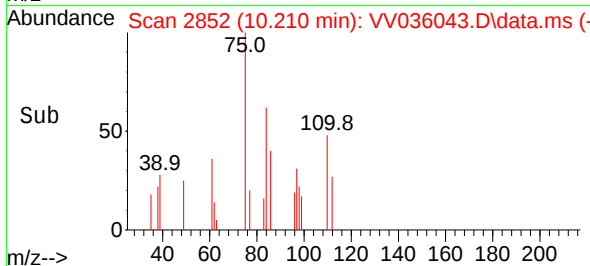
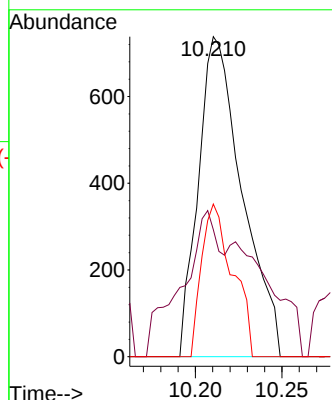
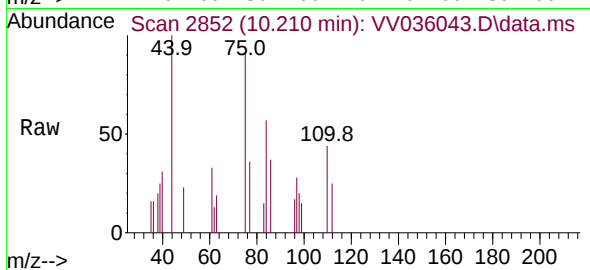
Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75 Resp: 1300
 Ion Ratio Lower Upper
 75 100
 77 17.5 26.0 39.0#
 110 33.7 32.2 48.4



#62

1,3,5-Trimethylbenzene

Concen: 0.833 ug/L

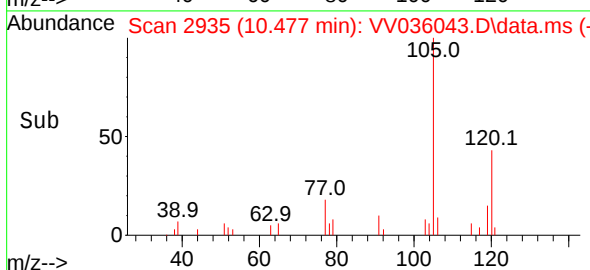
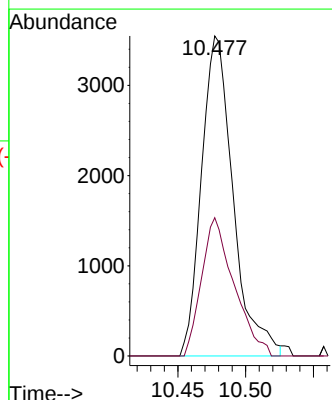
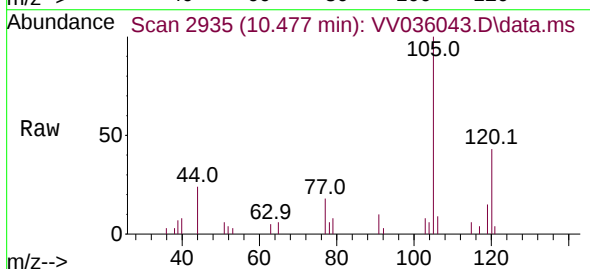
RT: 10.477 min Scan# 2935

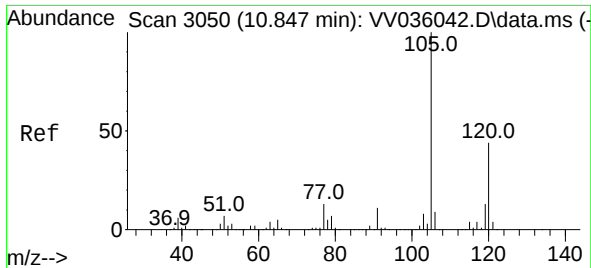
Delta R.T. 0.003 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Tgt Ion: 105 Resp: 5768
 Ion Ratio Lower Upper
 105 100
 120 44.3 38.6 58.0

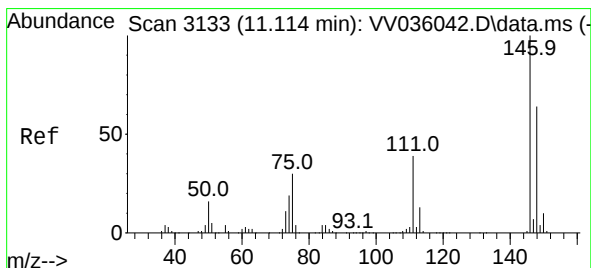
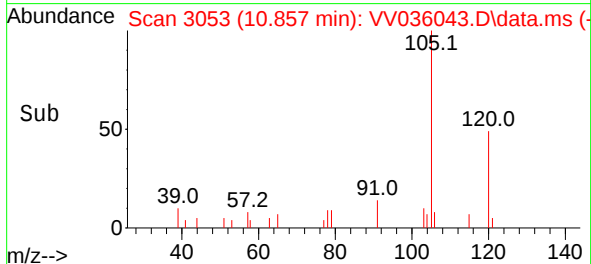
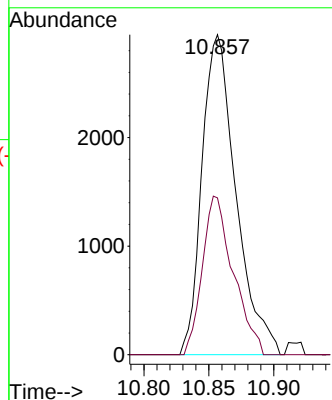
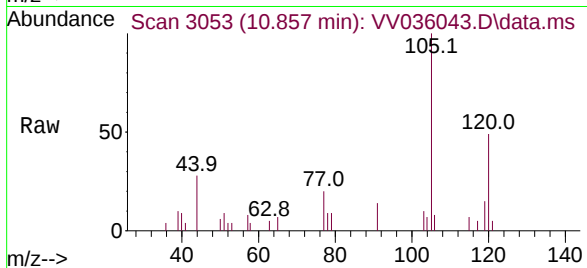




#63
1,2,4-Trimethylbenzene
Concen: 0.719 ug/L
RT: 10.857 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

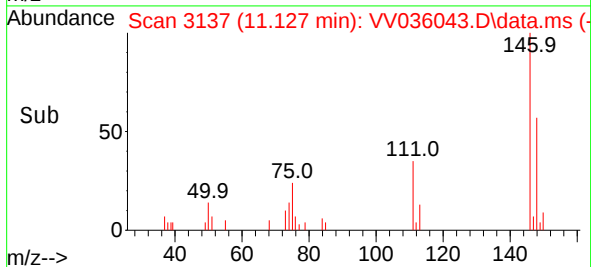
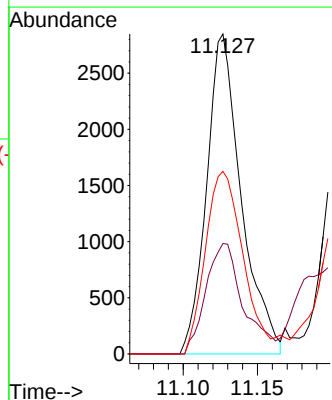
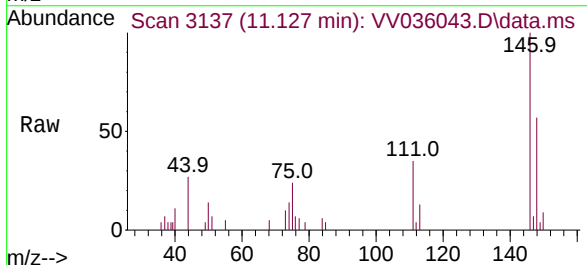
Instrument :
MSVOA_V
ClientSampleId :

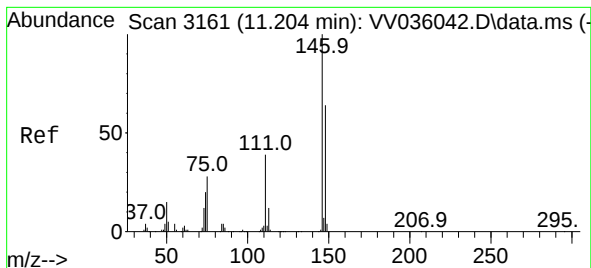
Tgt Ion:105 Resp: 5366
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 0.923 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV036043.D
Acq: 12 Jun 2024 18:11

Tgt Ion:146 Resp: 4628
Ion Ratio Lower Upper
146 100
111 34.5 28.1 52.1
148 57.0 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 0.898 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.007 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

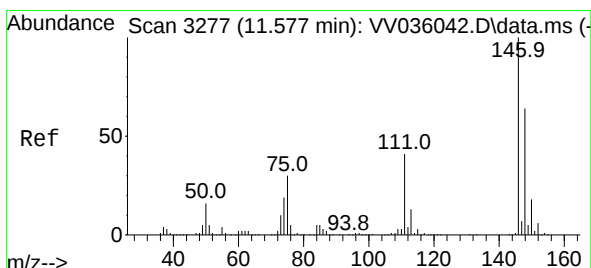
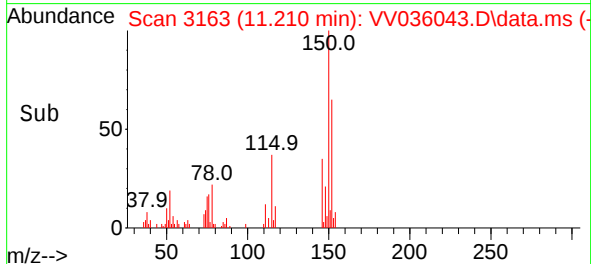
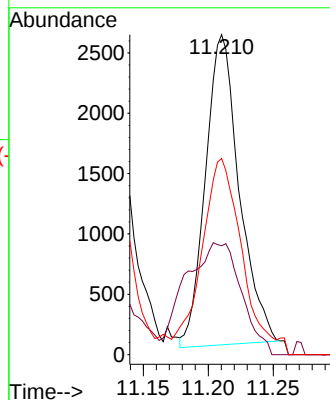
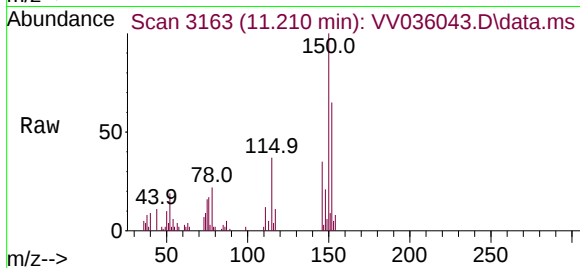
Tgt Ion:146 Resp: 4649

Ion Ratio Lower Upper

146 100

111 34.0 26.9 50.1

148 61.3 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 0.929 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

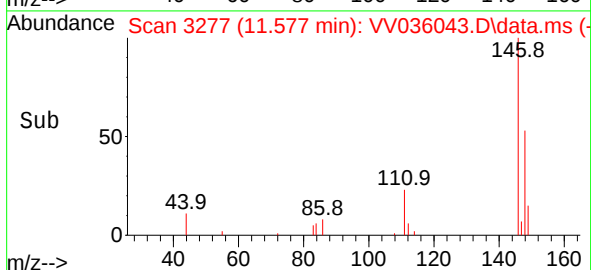
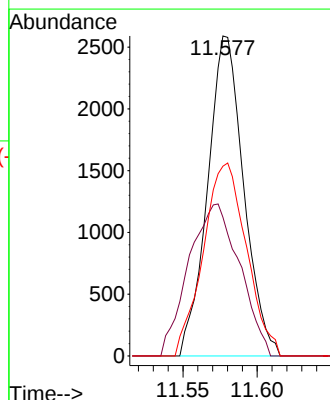
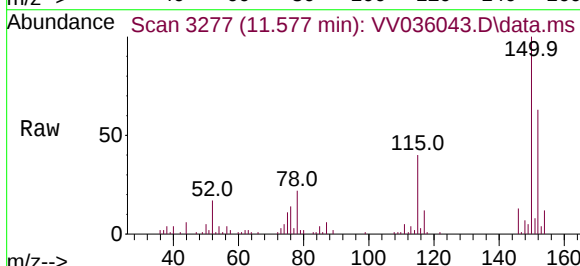
Tgt Ion:146 Resp: 4382

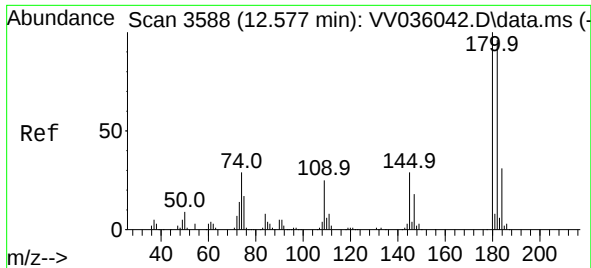
Ion Ratio Lower Upper

146 100

111 43.4 33.5 50.3

148 59.3 50.9 76.3





#69

1,3,5-Trichlorobenzene

Concen: 0.977 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.010 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 3666

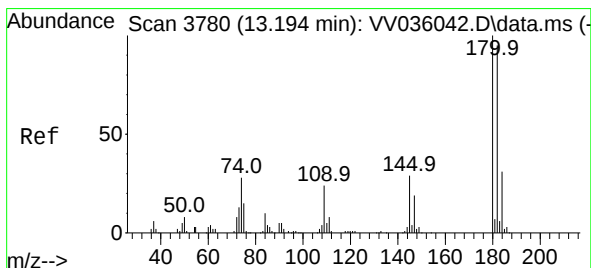
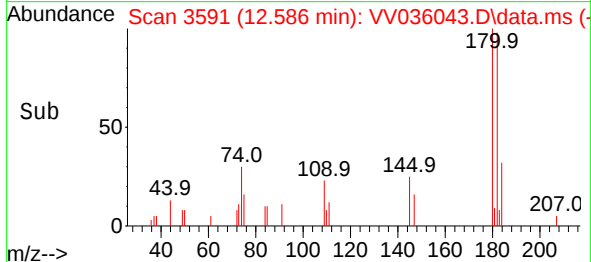
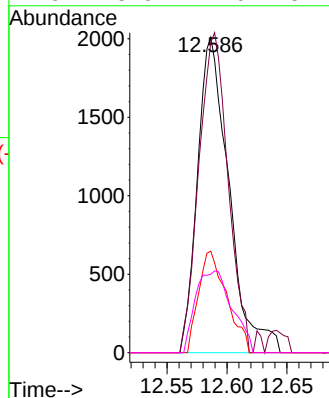
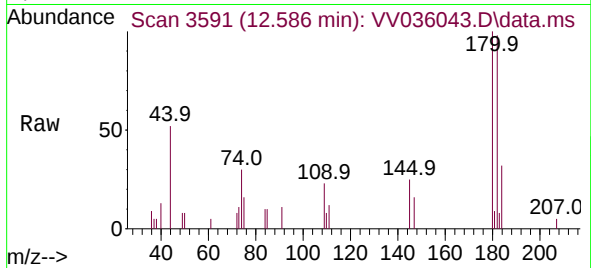
Ion Ratio Lower Upper

180 100

182 93.6 76.2 114.4

184 28.8 24.2 36.2

145 3.5 22.9 34.3#



#70

1,2,4-trichlorobenzene

Concen: 0.858 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

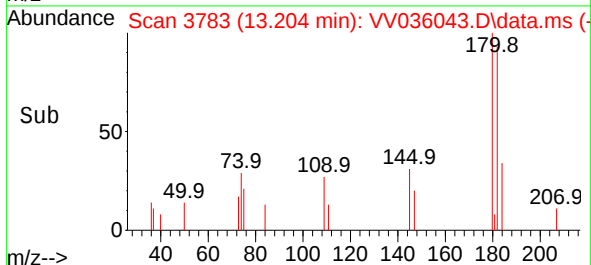
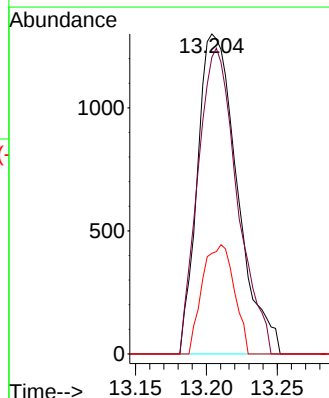
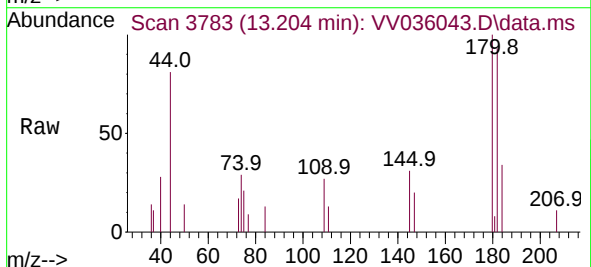
Tgt Ion:180 Resp: 2535

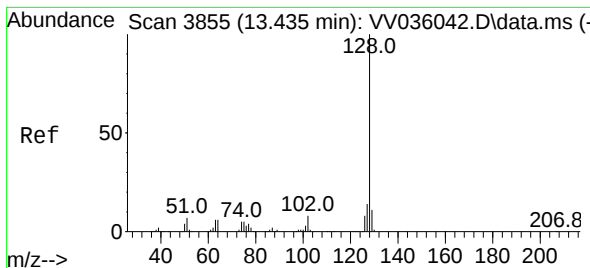
Ion Ratio Lower Upper

180 100

182 94.0 76.1 114.1

145 27.3 23.5 35.3





#71

Naphthalene

Concen: 0.841 ug/L

RT: 13.455 min Scan# 3855

Delta R.T. 0.019 min

Lab File: VV036043.D

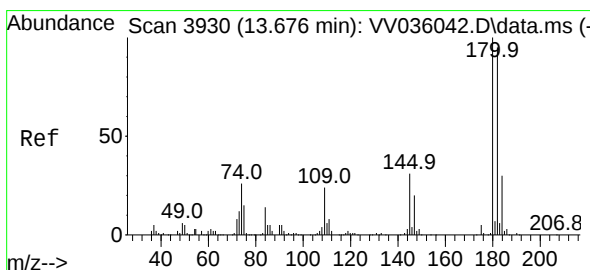
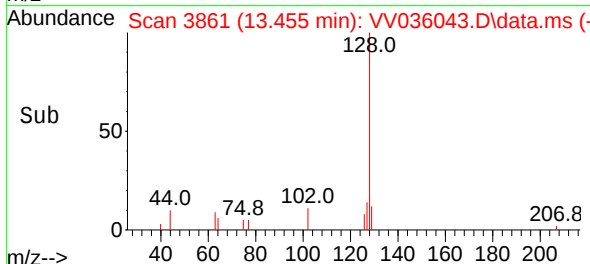
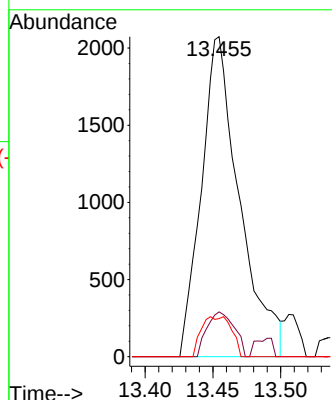
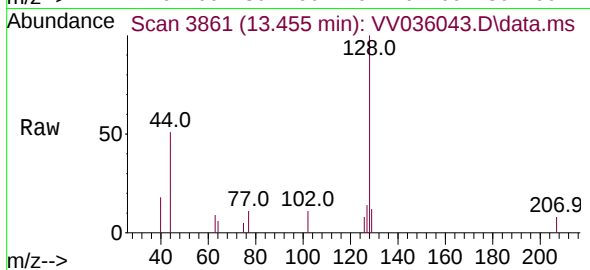
Acq: 12 Jun 2024 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	4054
Ion Ratio	Lower	Upper
128	100	
127	10.1	10.6 16.0#
129	5.0	8.8 13.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.689 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

Lab File: VV036043.D

Acq: 12 Jun 2024 18:11

Tgt Ion:180	Resp:	1858
Ion Ratio	Lower	Upper
180	100	
182	106.3	75.1 112.7
145	46.6	25.2 37.8#

