

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038018.D
 Acq On : 12 Nov 2024 13:37
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	308567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	307821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	168787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	531239	19.779	ug/L	0.00
7) Chloroethane-d5	1.529	69	418033	19.095	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	225392	19.151	ug/L	0.00
20) 2-Butanone-d5	3.796	46	1437372	245.342	ug/L	-0.02
24) Chloroform-d	4.236	84	1026628	20.279	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	507218	21.095	ug/L	0.00
32) Benzene-d6	4.947	84	2011758	21.153	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	605593	19.687	ug/L	0.00
41) Toluene-d8	7.233	98	1879379	21.607	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	273120	23.799	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	1339478	257.167	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	520466	21.117	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	726552	20.703	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	661481	19.661	ug/L	99
3) Chloromethane	1.214	50	601002	19.255	ug/L	98
5) Vinyl chloride	1.278	62	620531	19.807	ug/L	100
6) Bromomethane	1.484	94	391251	19.615	ug/L	99
8) Chloroethane	1.545	64	367762	19.374	ug/L	98
9) Trichlorofluoromethane	1.709	101	854870	19.741	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	484787	19.393	ug/L	99
12) 1,1-Dichloroethene	2.060	96	455244	19.408	ug/L	90
13) Acetone	2.146	43	802642	182.437	ug/L	97
14) Carbon disulfide	2.230	76	1563880	20.337	ug/L	100
15) Methyl Acetate	2.381	43	200775	22.278	ug/L	99
16) Methylene chloride	2.439	84	526246	18.943	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	1258175	22.015	ug/L	100
18) trans-1,2-Dichloroethene	2.683	96	514170	20.256	ug/L	97
19) 1,1-Dichloroethane	3.101	63	906057	19.868	ug/L	99
21) 2-Butanone	3.876	43	1276328	234.051	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	575360	21.568	ug/L	97
23) Bromochloromethane	4.137	128	255263	20.835	ug/L	98
25) Chloroform	4.262	83	951840	19.768	ug/L	98
27) 1,2-Dichloroethane	5.027	62	582388	21.509	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	837323	20.149	ug/L	98
30) Cyclohexane	4.571	56	835303	22.703	ug/L	99
31) Carbon tetrachloride	4.722	117	738079	20.395	ug/L	99
33) Benzene	4.998	78	2038950	20.827	ug/L	100
34) Trichloroethene	5.822	95	557370	20.826	ug/L	98
35) Methylcyclohexane	6.040	83	897564	22.212	ug/L	98
37) 1,2-Dichloropropane	6.082	63	512516	21.163	ug/L	99
38) Bromodichloromethane	6.423	83	679218	21.110	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	850670	23.561	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	3076834	233.652	ug/L	98
42) Toluene	7.304	91	2189766	21.411	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	710136	23.574	ug/L	97

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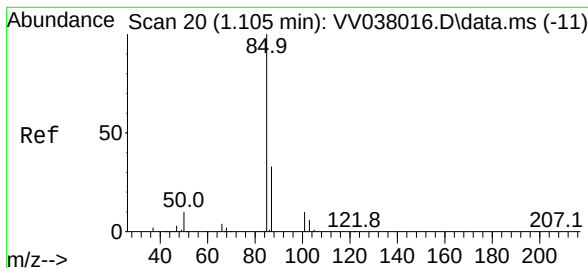
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.757	97	399259	20.552	ug/L	99
47) Tetrachloroethene	7.895	164	426694	20.319	ug/L	97
48) 2-Hexanone	8.066	43	2209949	244.325	ug/L	100
49) Dibromochloromethane	8.169	129	460388	21.983	ug/L	98
50) 1,2-Dibromoethane	8.272	107	390590	21.177	ug/L	98
51) Chlorobenzene	8.805	112	1449504	20.801	ug/L	98
52) Ethylbenzene	8.937	91	2469028	22.223	ug/L	98
53) m,p-Xylene	9.063	106	960371	22.929	ug/L	99
54) o-Xylene	9.468	106	932322	23.000	ug/L	99
55) Styrene	9.487	104	1625338	23.019	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	485705	20.946	ug/L	99
59) Bromoform	9.657	173	263022	23.705	ug/L	99
60) Isopropylbenzene	9.857	105	2498964	22.195	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	339599	20.596	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	2093846	23.219	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	2117557	23.438	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	1199797	20.658	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	1212459	20.292	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	1118038	20.586	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	84016	22.477	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	879986	20.600	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	819240	21.599	ug/L	98
71) Naphthalene	13.429	128	1539158	22.294	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	748802	20.920	ug/L	99

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

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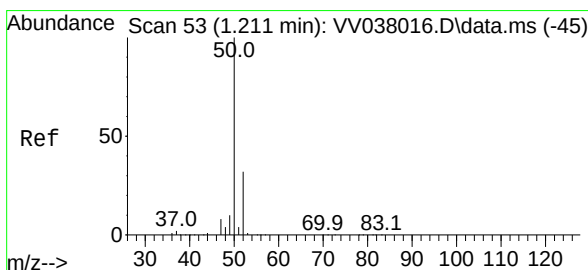
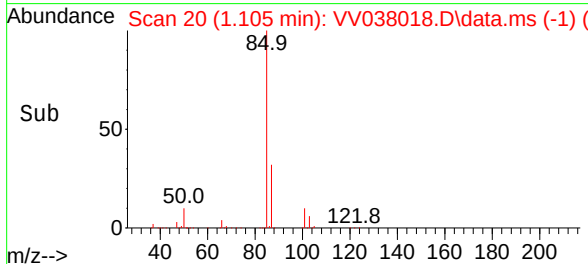
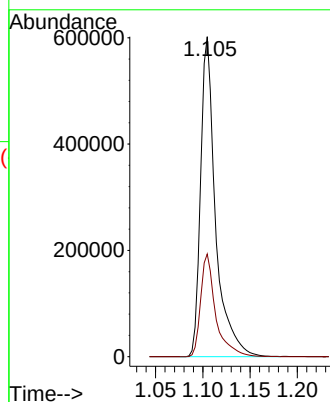
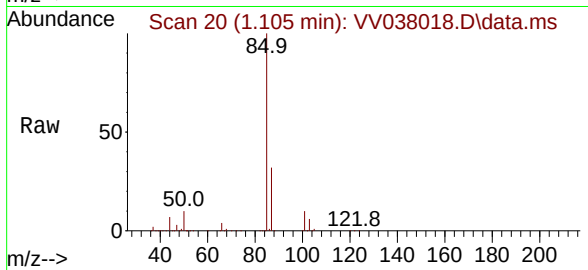




#2
 Dichlorodifluoromethane
 Concen: 19.661 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038018.D
 Acq: 12 Nov 2024 13:37

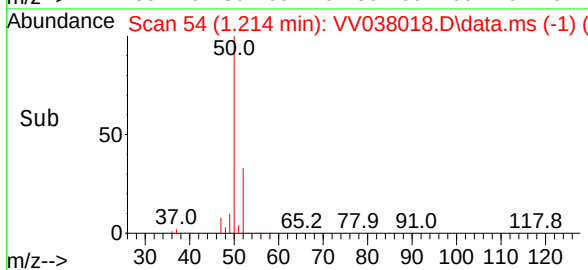
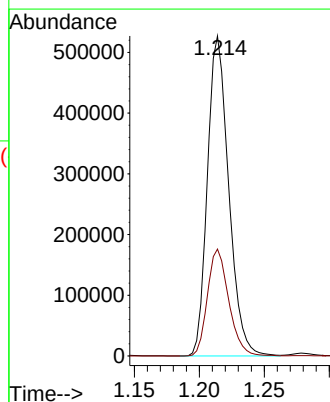
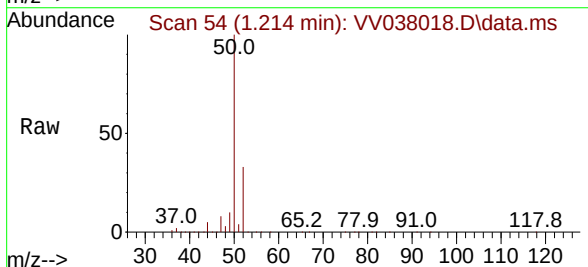
Instrument :
 MSVOA_V
 ClientSampleId :

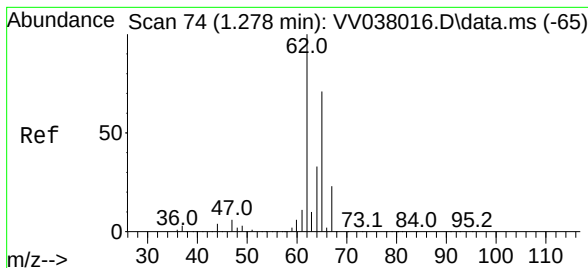
Tgt Ion: 85 Resp: 661481
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.4 39.6



#3
 Chloromethane
 Concen: 19.255 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.003 min
 Lab File: VV038018.D
 Acq: 12 Nov 2024 13:37

Tgt Ion: 50 Resp: 601002
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.6 42.0





#5

Vinyl chloride

Concen: 19.807 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

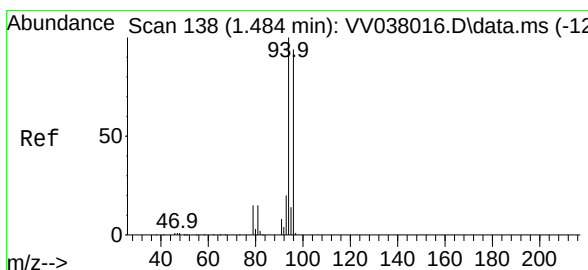
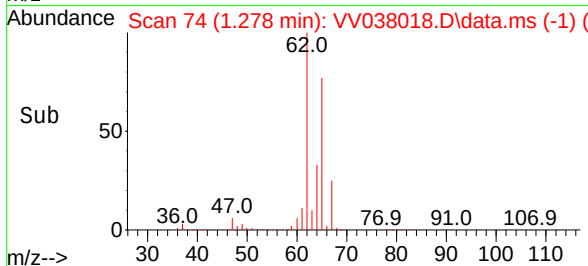
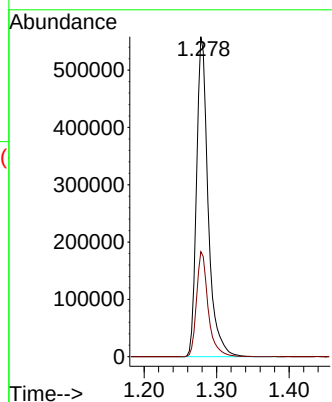
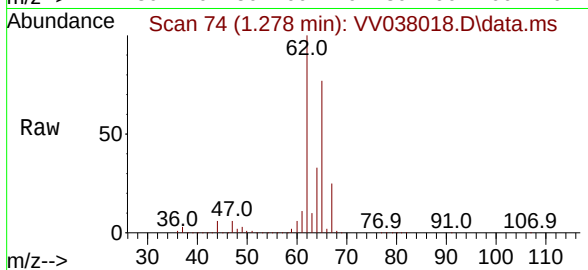
ClientSampleId :

Tgt Ion: 62 Resp: 620531

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.6



#6

Bromomethane

Concen: 19.615 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV038018.D

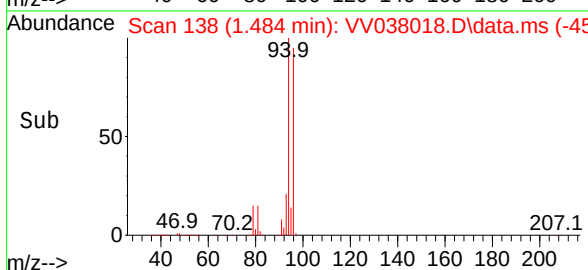
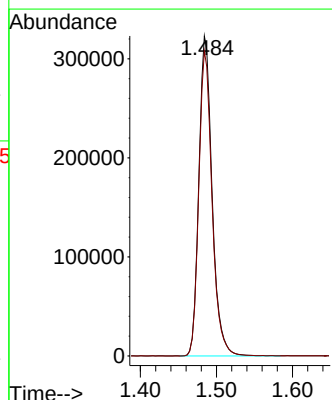
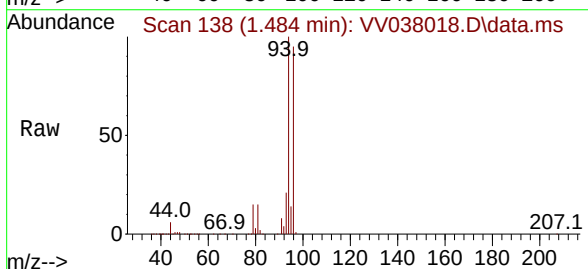
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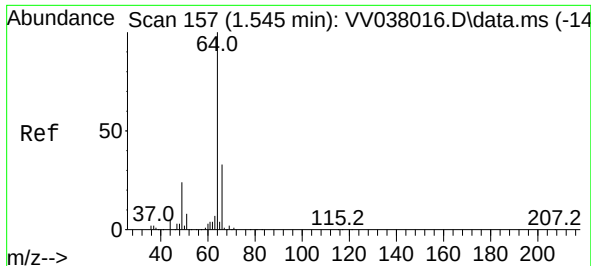
Tgt Ion: 94 Resp: 391251

Ion Ratio Lower Upper

94 100

96 95.3 66.0 122.6

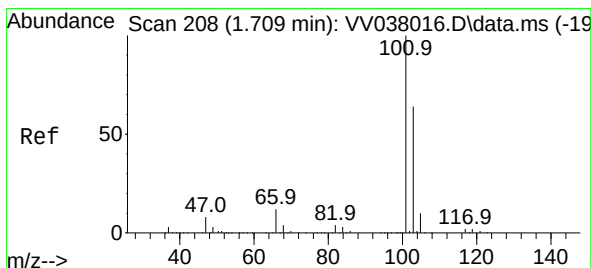
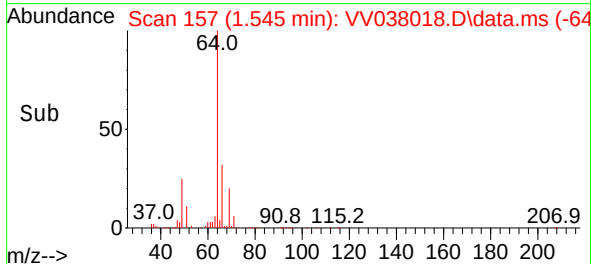
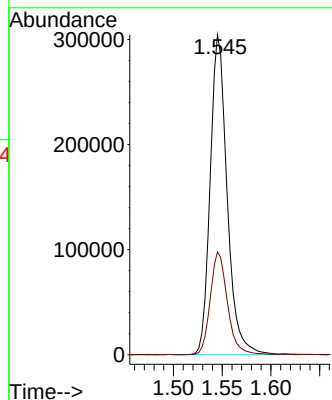
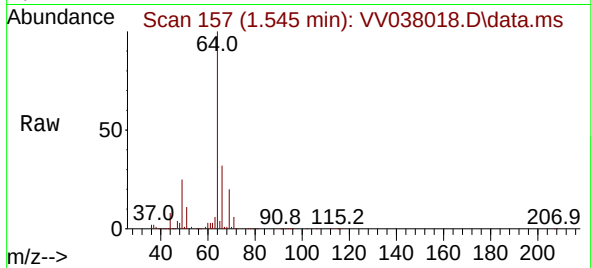




#8
Chloroethane
Concen: 19.374 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

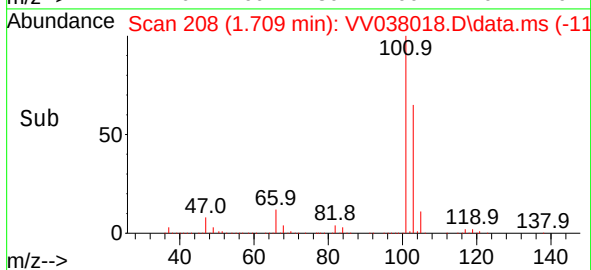
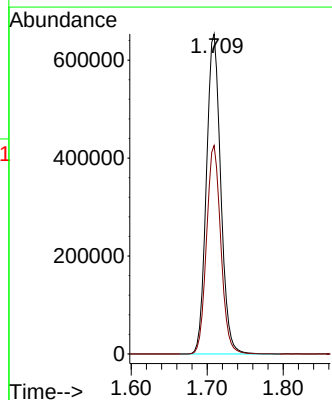
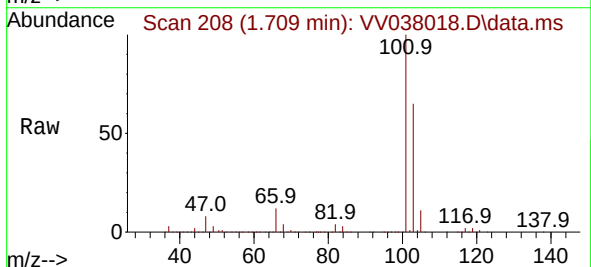
Instrument :
MSVOA_V
ClientSampleId :

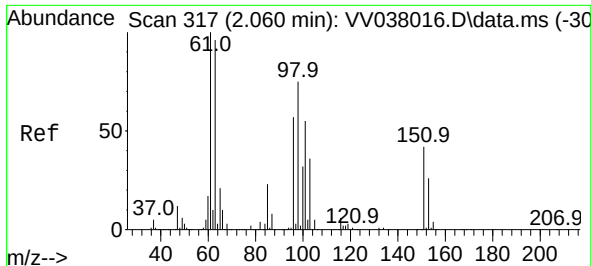
Tgt Ion: 64 Resp: 367762
Ion Ratio Lower Upper
64 100
66 32.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 19.741 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion:101 Resp: 854870
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

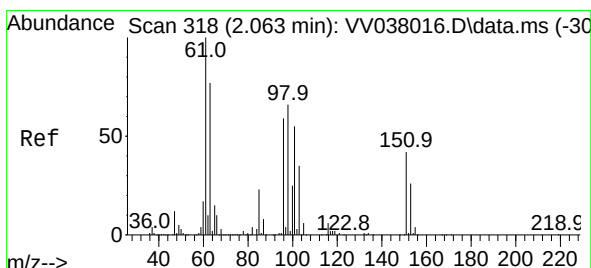
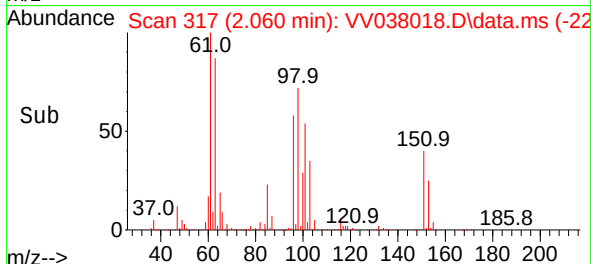
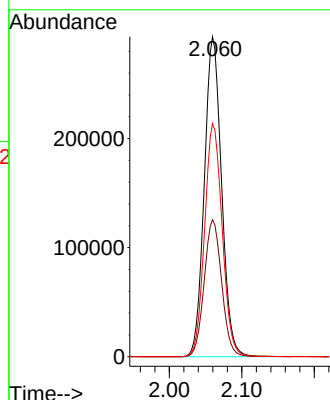
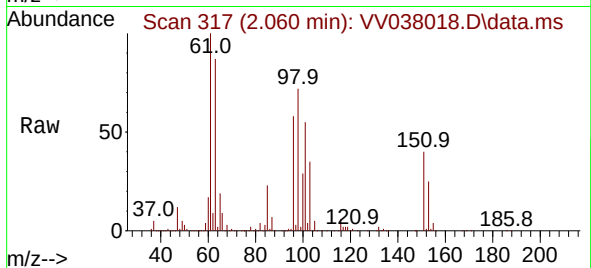




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.393 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

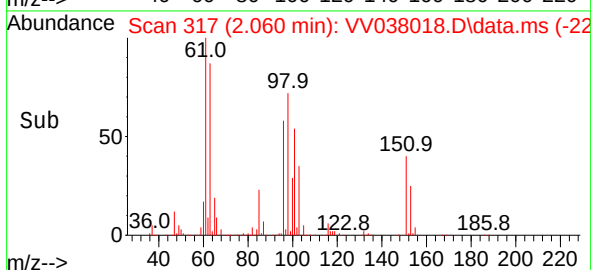
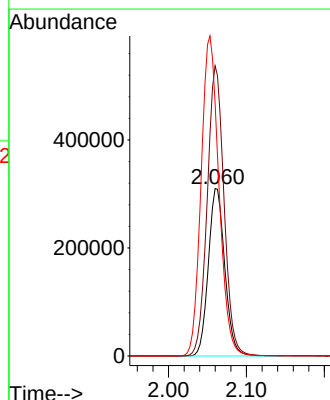
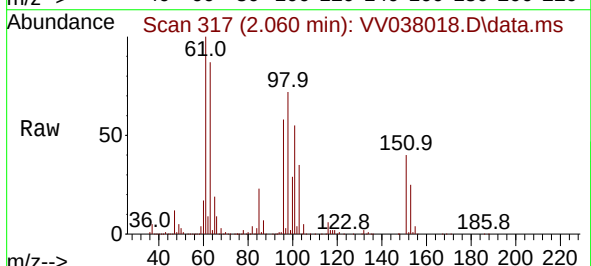
Instrument :
MSVOA_V
ClientSampleId :

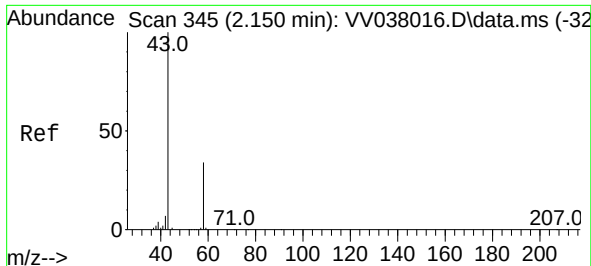
Tgt Ion:101 Resp: 484787
Ion Ratio Lower Upper
101 100
85 43.4 33.7 50.5
151 74.3 59.0 88.6



#12
1,1-Dichloroethene
Concen: 19.408 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

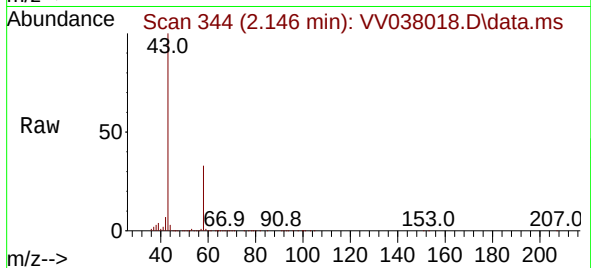
Tgt Ion: 96 Resp: 455244
Ion Ratio Lower Upper
96 100
61 173.4 118.1 219.3
63 151.4 91.4 169.8



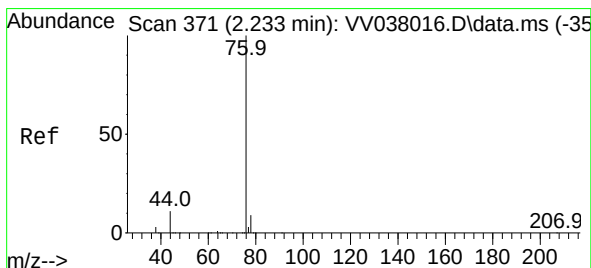
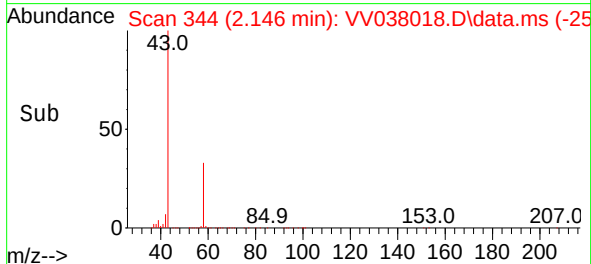
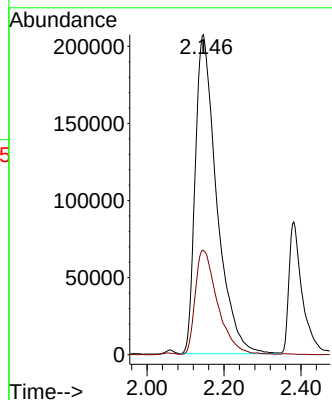


#13
Acetone
Concen: 182.437 ug/L
RT: 2.146 min Scan# 345
Delta R.T. -0.003 min
Lab File: VV038018.D
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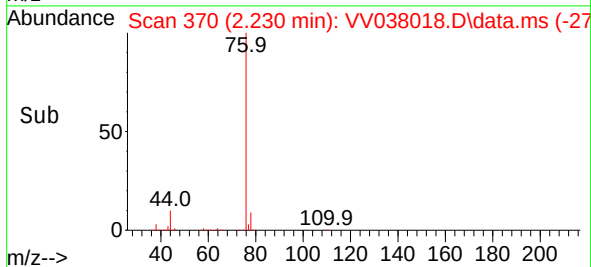
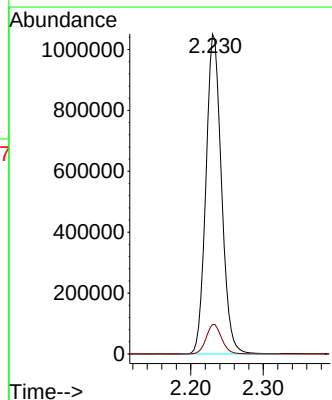
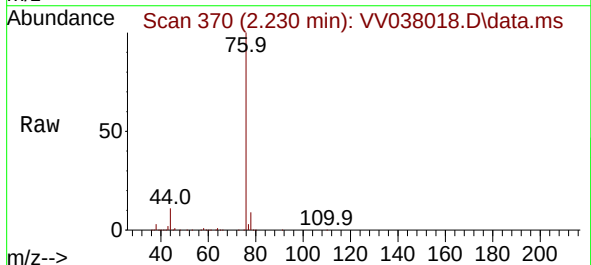


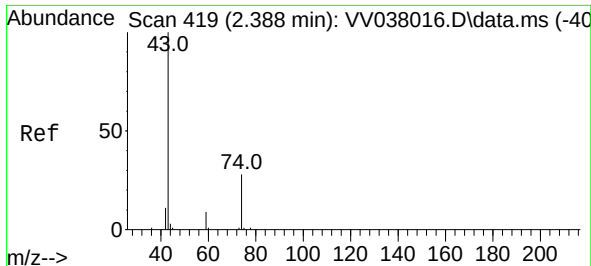
Tgt Ion: 43 Resp: 802642
Ion Ratio Lower Upper
43 100
58 33.5 0.0 70.0



#14
Carbon disulfide
Concen: 20.337 ug/L
RT: 2.230 min Scan# 370
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 76 Resp: 1563880
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 22.278 ug/L

RT: 2.381 min Scan# 419

Delta R.T. -0.007 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

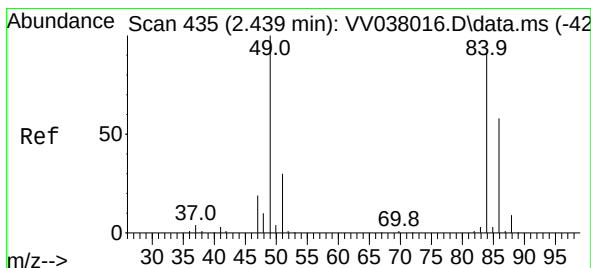
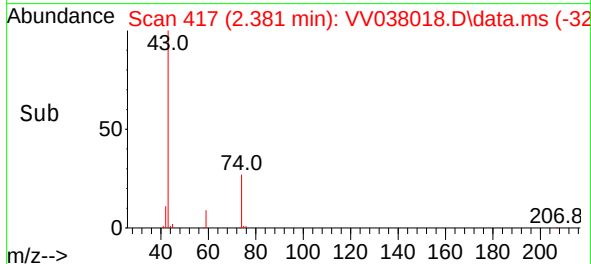
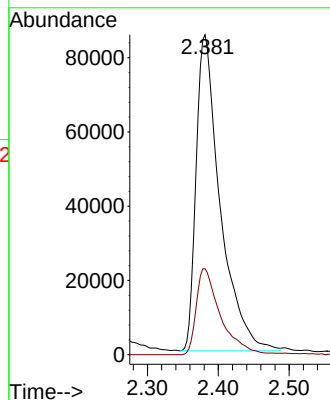
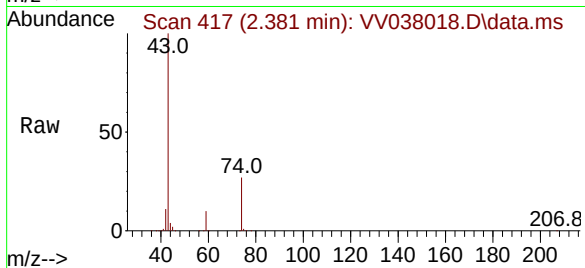
ClientSampleId :

Tgt Ion: 43 Resp: 200775

Ion Ratio Lower Upper

43 100

74 27.4 21.7 32.5



#16

Methylene chloride

Concen: 18.943 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

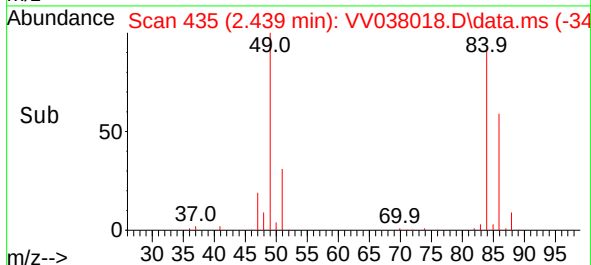
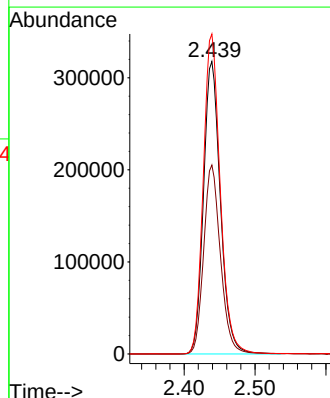
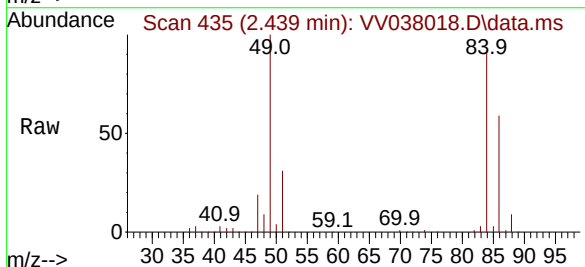
Tgt Ion: 84 Resp: 526246

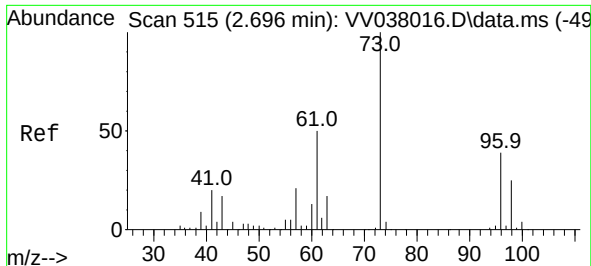
Ion Ratio Lower Upper

84 100

86 64.6 44.4 82.5

49 109.4 77.1 143.3

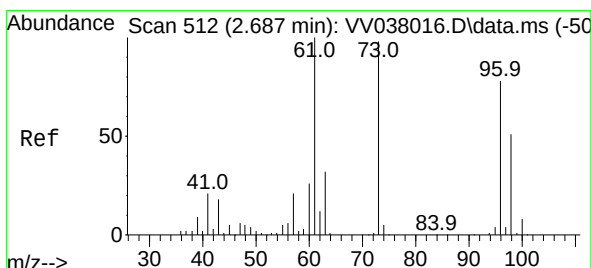
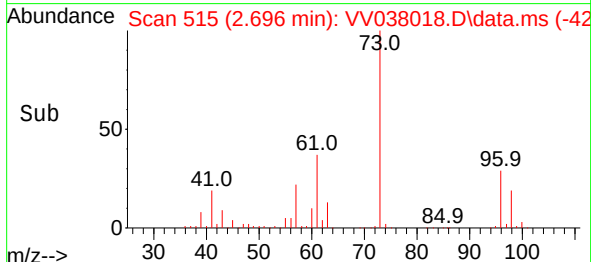
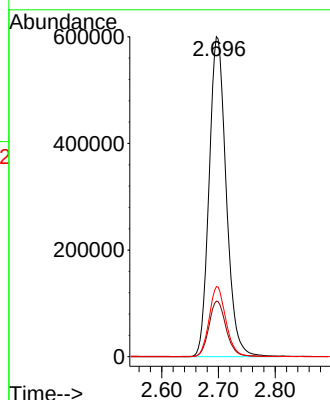
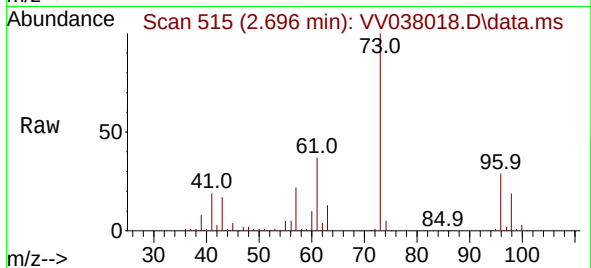




#17
Methyl tert-butyl Ether
Concen: 22.015 ug/L
RT: 2.696 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

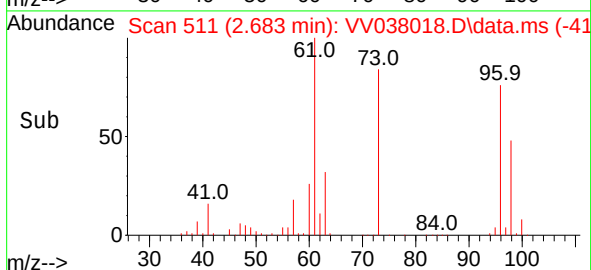
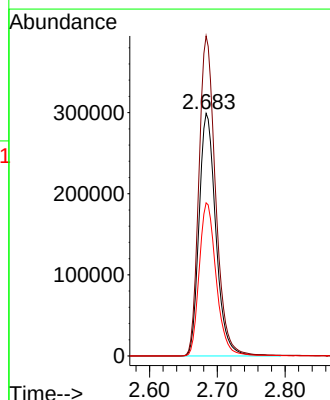
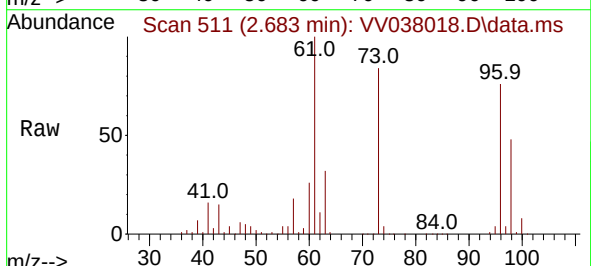
Instrument :
MSVOA_V
ClientSampleId :

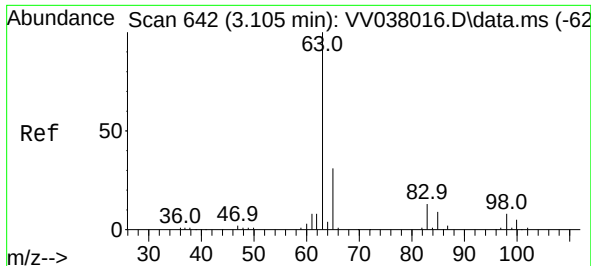
Tgt Ion: 73 Resp: 1258175
Ion Ratio Lower Upper
73 100
43 17.2 14.1 21.1
57 21.5 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 20.256 ug/L
RT: 2.683 min Scan# 511
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 96 Resp: 514170
Ion Ratio Lower Upper
96 100
61 132.0 90.2 167.6
98 63.2 45.7 84.9

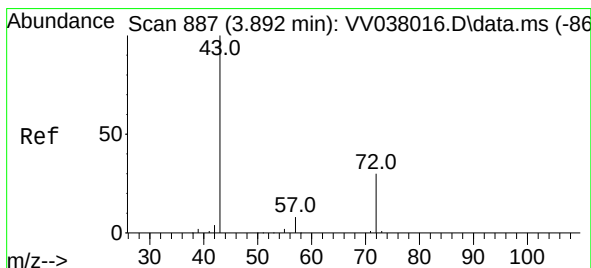
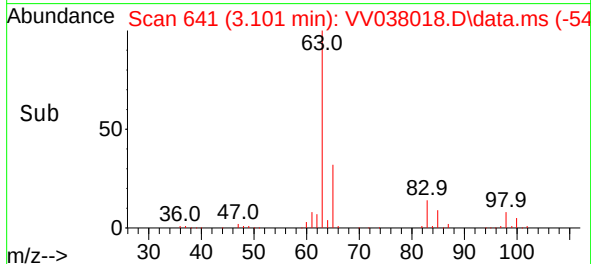
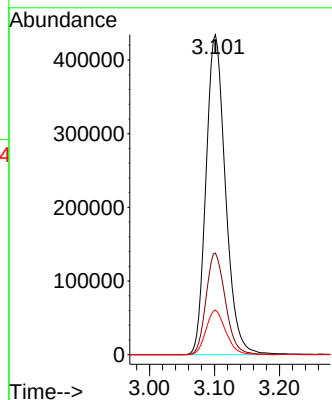
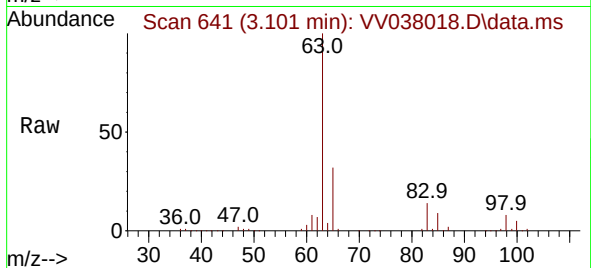




#19
1,1-Dichloroethane
Concen: 19.868 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

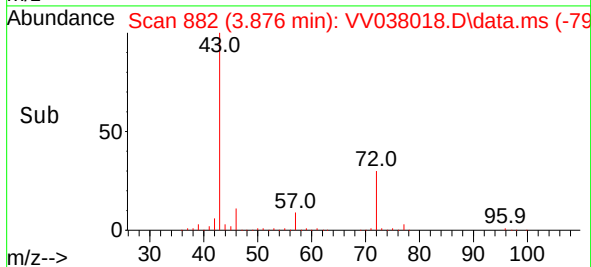
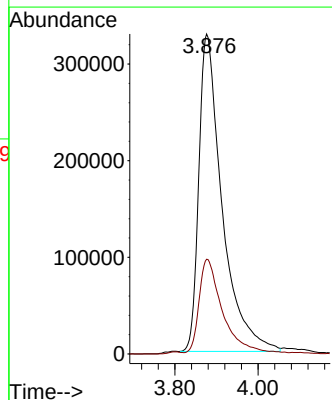
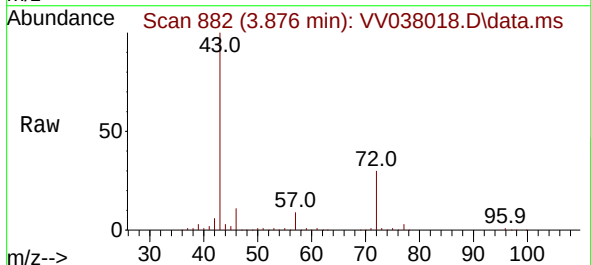
Instrument :
MSVOA_V
ClientSampleId :

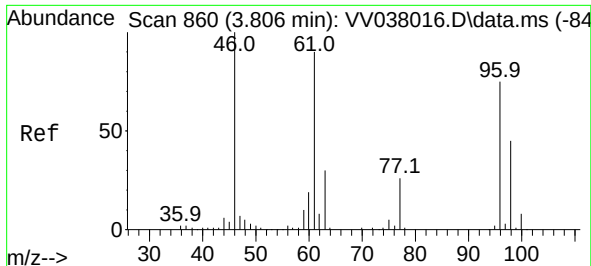
Tgt Ion: 63 Resp: 906057
Ion Ratio Lower Upper
63 100
65 31.8 22.0 40.8
83 13.9 9.2 17.2



#21
2-Butanone
Concen: 234.051 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.016 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 43 Resp: 1276328
Ion Ratio Lower Upper
43 100
72 29.1 14.2 42.6

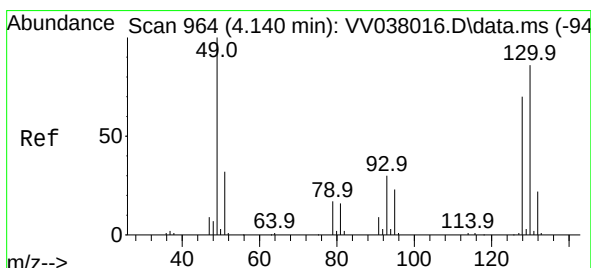
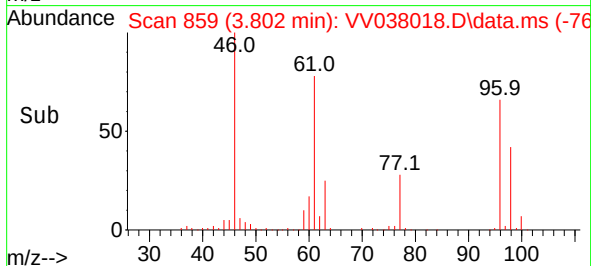
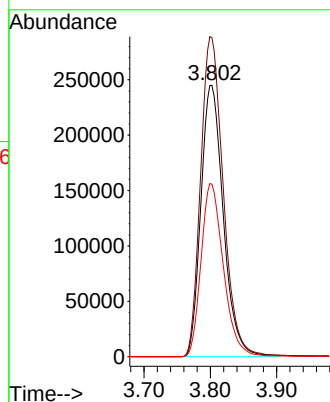
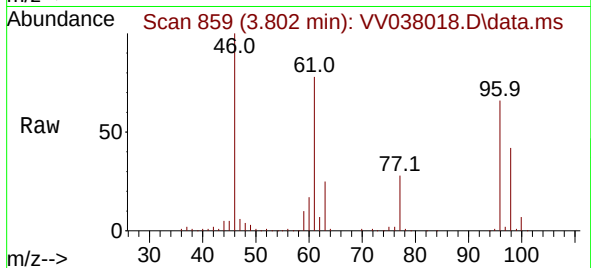




#22
 cis-1,2-Dichloroethene
 Concen: 21.568 ug/L
 RT: 3.802 min Scan# 860
 Delta R.T. -0.003 min
 Lab File: VV038018.D
 Acq: 12 Nov 2024 13:37

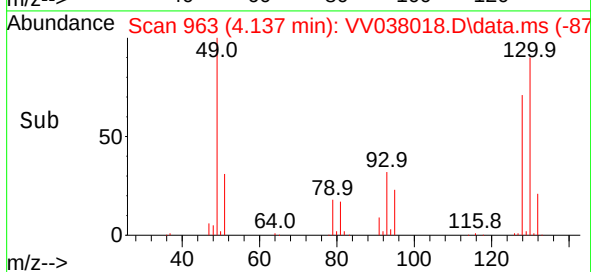
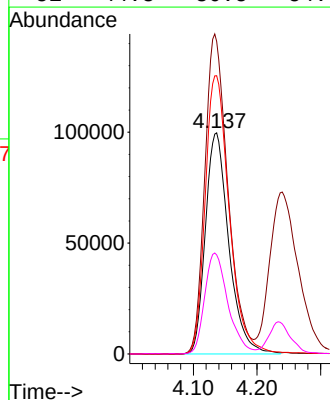
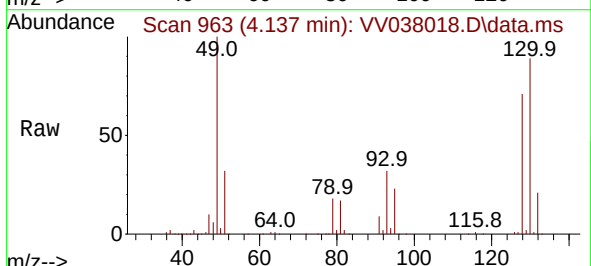
Instrument :
 MSVOA_V
 ClientSampleId :

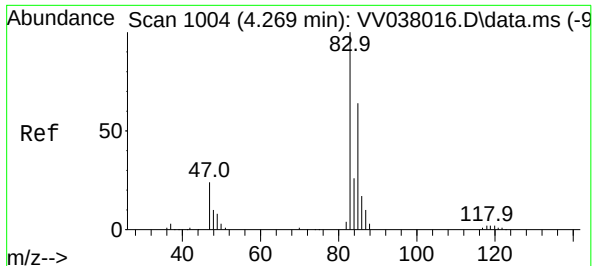
Tgt Ion: 96 Resp: 575360
 Ion Ratio Lower Upper
 96 100
 61 117.6 84.1 156.3
 98 63.6 42.6 79.0



#23
 Bromochloromethane
 Concen: 20.835 ug/L
 RT: 4.137 min Scan# 963
 Delta R.T. -0.003 min
 Lab File: VV038018.D
 Acq: 12 Nov 2024 13:37

Tgt Ion:128 Resp: 255263
 Ion Ratio Lower Upper
 128 100
 49 141.3 100.4 186.4
 130 125.9 86.1 159.9
 51 44.8 36.5 54.7





#25

Chloroform

Concen: 19.768 ug/L

RT: 4.262 min Scan# 1004

Delta R.T. -0.007 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

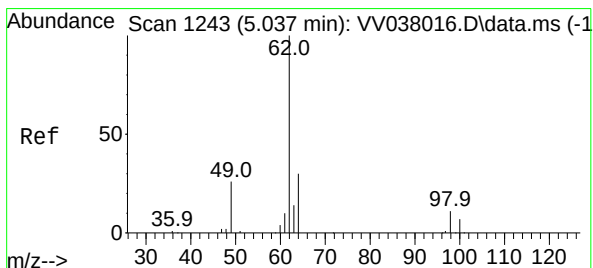
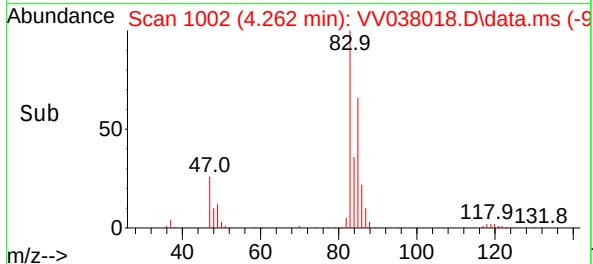
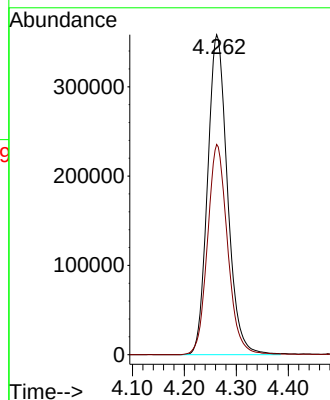
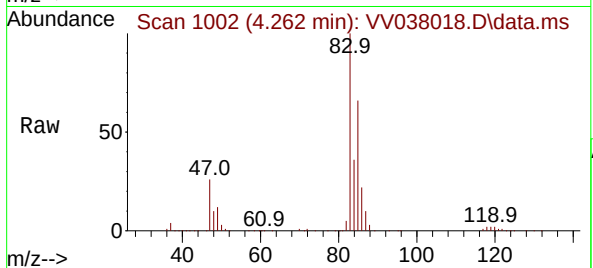
ClientSampleId :

Tgt Ion: 83 Resp: 951840

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 21.509 ug/L

RT: 5.027 min Scan# 1240

Delta R.T. -0.010 min

Lab File: VV038018.D

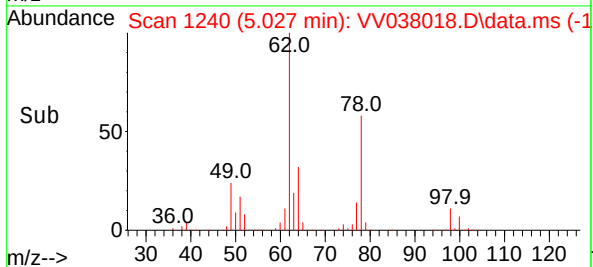
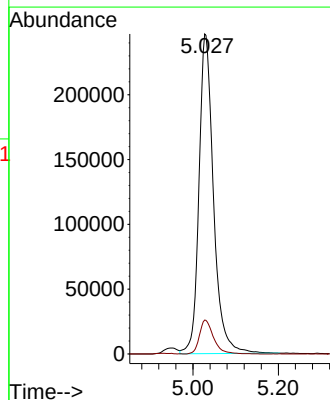
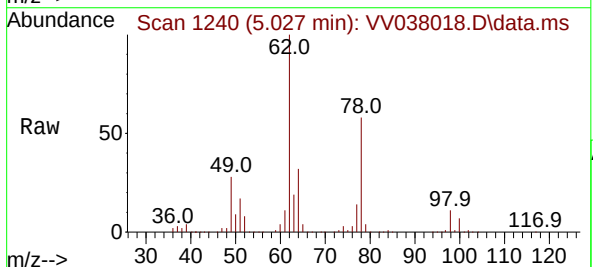
Acq: 12 Nov 2024 13:37

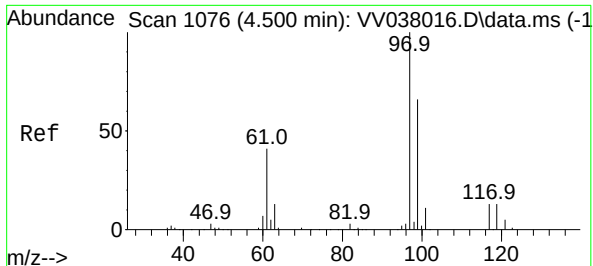
Tgt Ion: 62 Resp: 582388

Ion Ratio Lower Upper

62 100

98 10.6 8.3 12.5

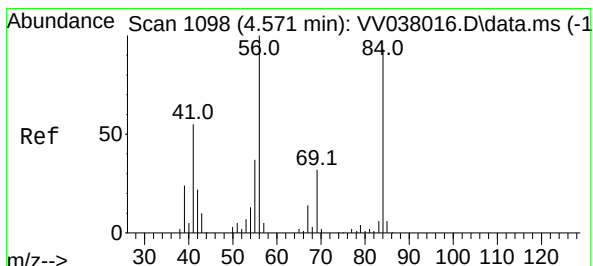
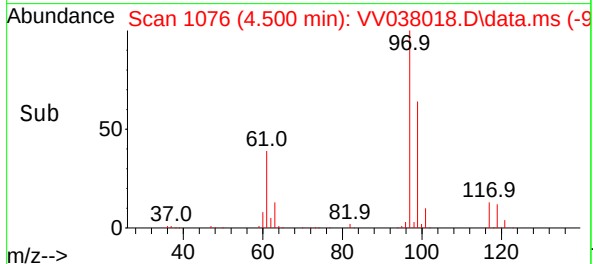
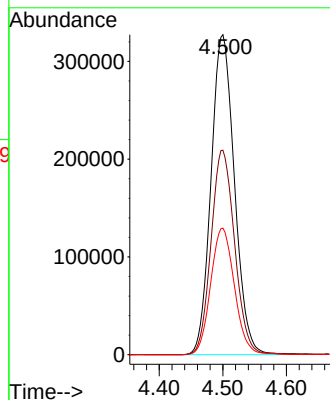
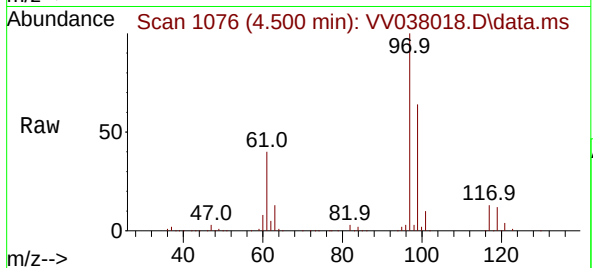




#29
1,1,1-Trichloroethane
Concen: 20.149 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

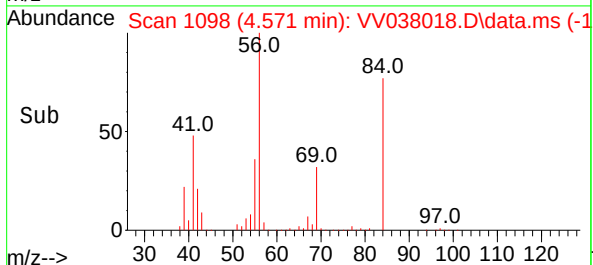
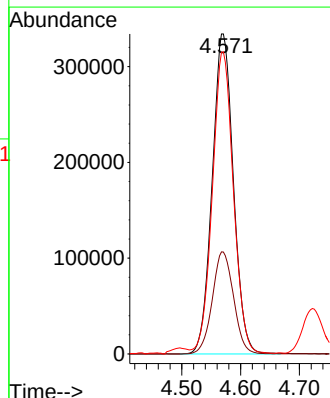
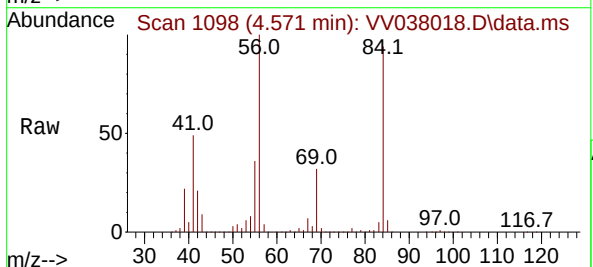
Instrument :
MSVOA_V
ClientSampleId :

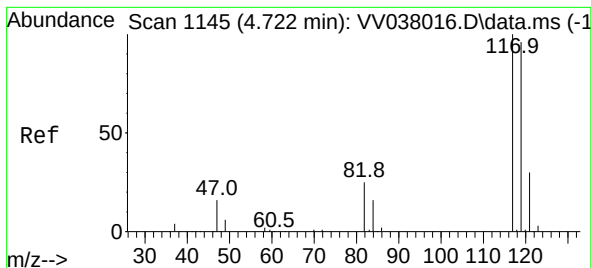
Tgt Ion: 97 Resp: 837323
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 40.3 33.6 50.4



#30
Cyclohexane
Concen: 22.703 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 56 Resp: 835303
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.2
84 93.7 75.7 113.5





#31

Carbon tetrachloride

Concen: 20.395 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

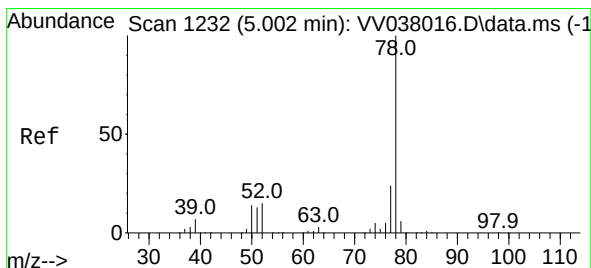
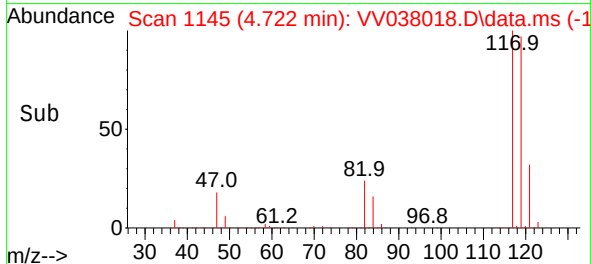
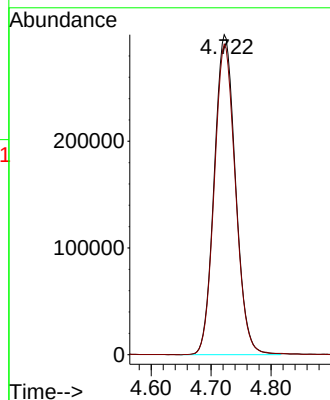
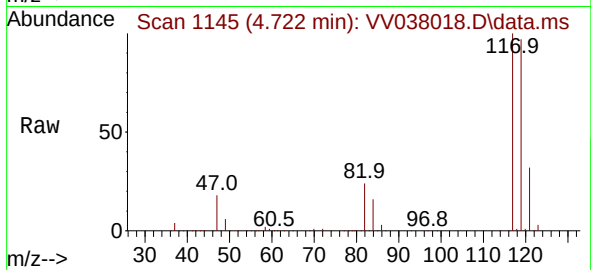
ClientSampleId :

Tgt Ion:117 Resp: 738079

Ion Ratio Lower Upper

117 100

119 96.4 76.6 115.0



#33

Benzene

Concen: 20.827 ug/L

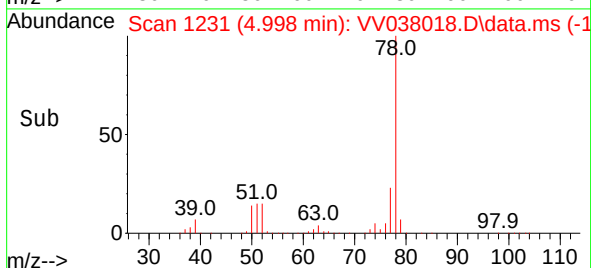
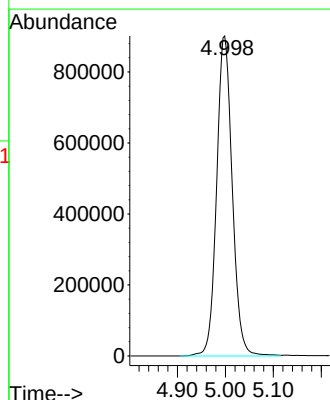
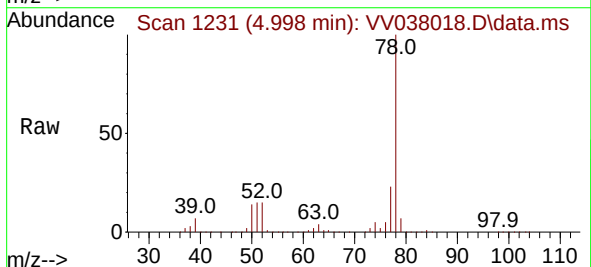
RT: 4.998 min Scan# 1231

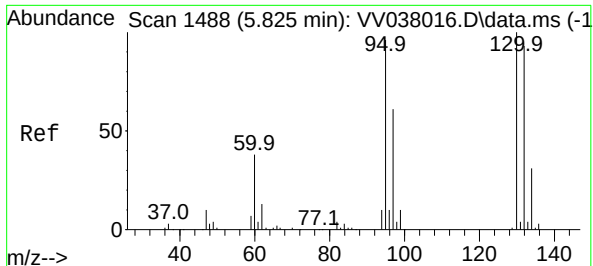
Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Tgt Ion: 78 Resp: 2038950





#34

Trichloroethene

Concen: 20.826 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 557370

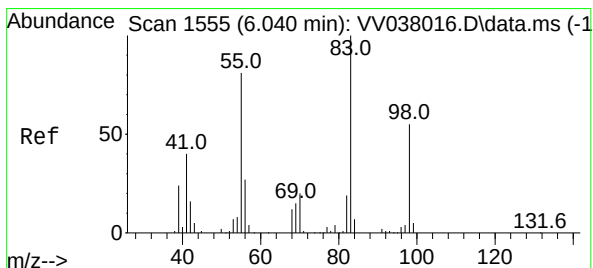
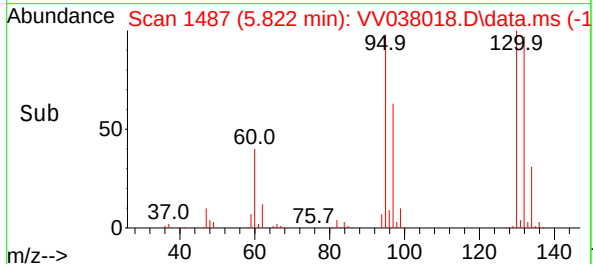
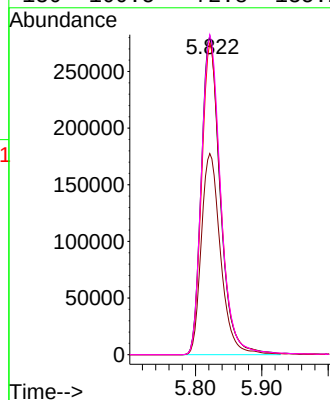
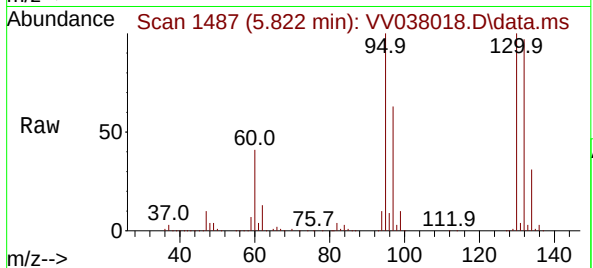
Ion Ratio Lower Upper

95 100

97 63.2 44.5 82.7

132 97.9 67.9 126.1

130 100.5 72.8 135.2



#35

Methylcyclohexane

Concen: 22.212 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

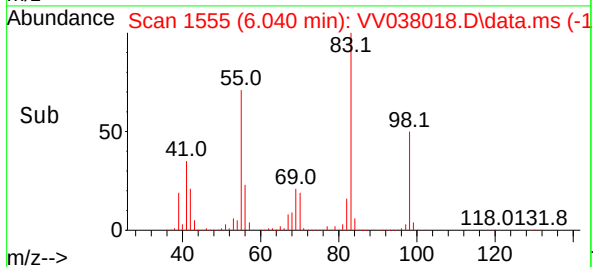
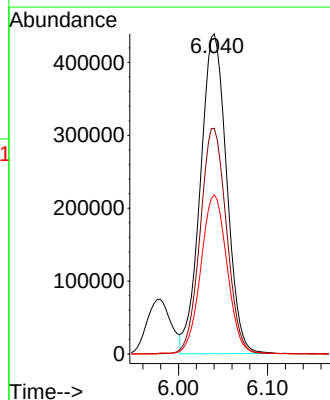
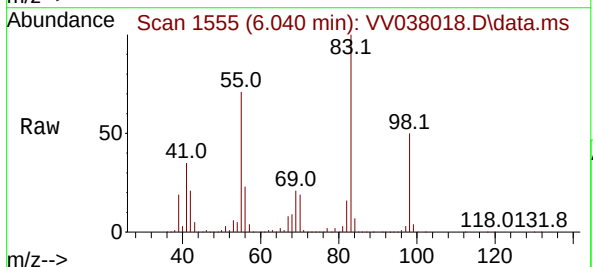
Tgt Ion: 83 Resp: 897564

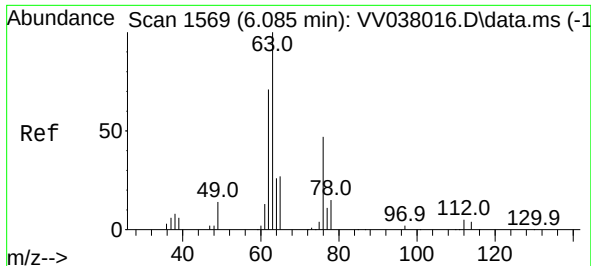
Ion Ratio Lower Upper

83 100

55 70.9 58.8 88.2

98 49.8 40.2 60.2

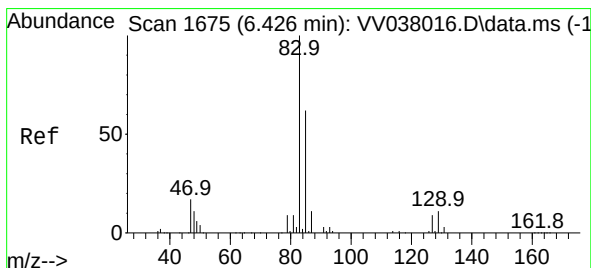
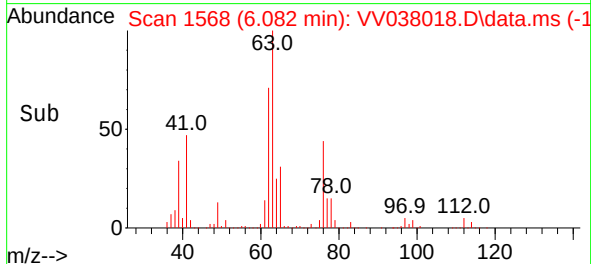
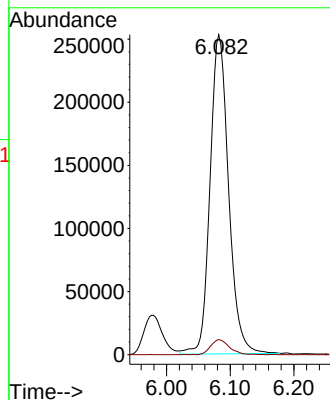
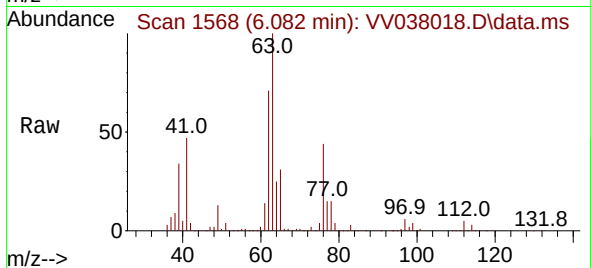




#37
1,2-Dichloropropane
Concen: 21.163 ug/L
RT: 6.082 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

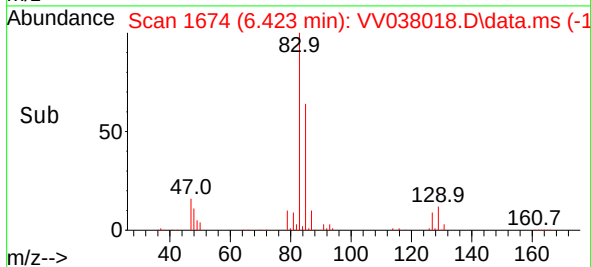
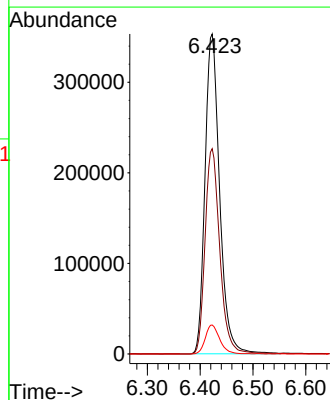
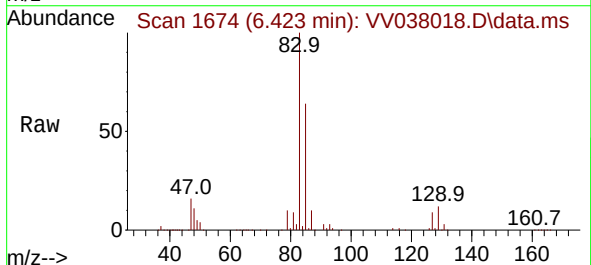
Instrument :
MSVOA_V
ClientSampleId :

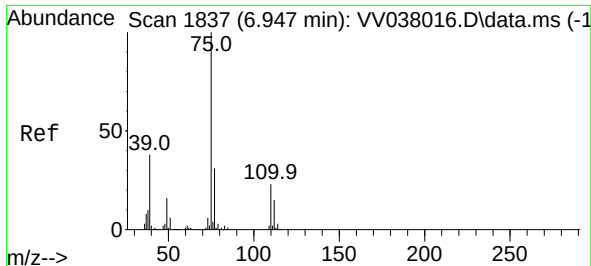
Tgt Ion: 63 Resp: 512516
Ion Ratio Lower Upper
63 100
112 4.8 4.1 6.1



#38
Bromodichloromethane
Concen: 21.110 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 83 Resp: 679218
Ion Ratio Lower Upper
83 100
85 64.2 43.6 81.0
127 9.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 23.561 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

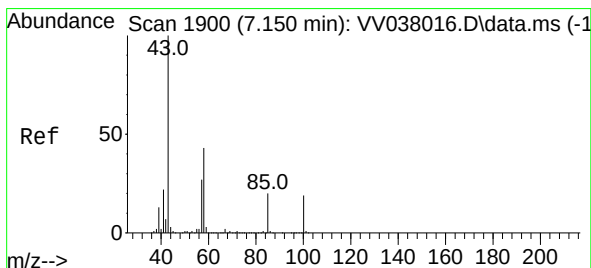
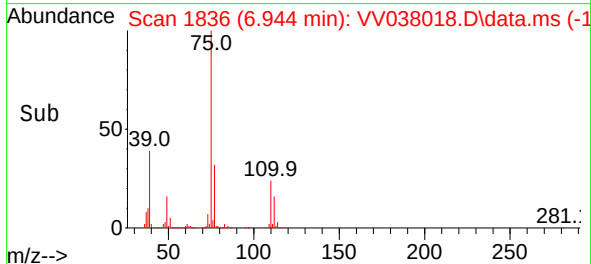
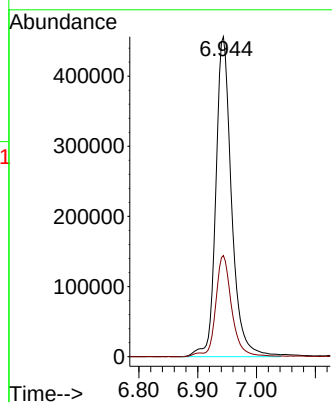
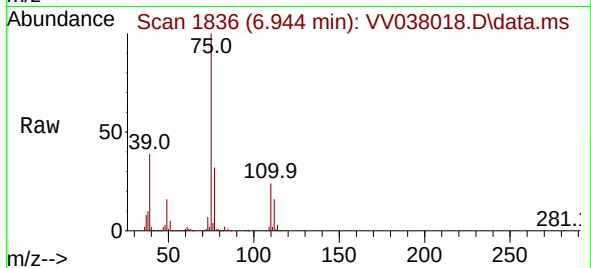
ClientSampleId :

Tgt Ion: 75 Resp: 850670

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 233.652 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

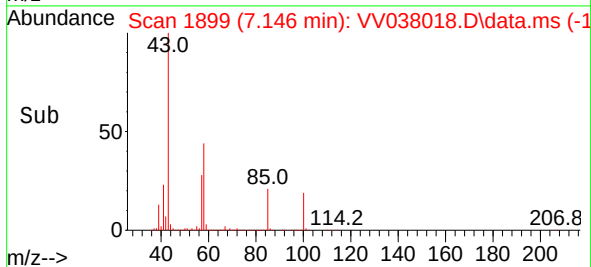
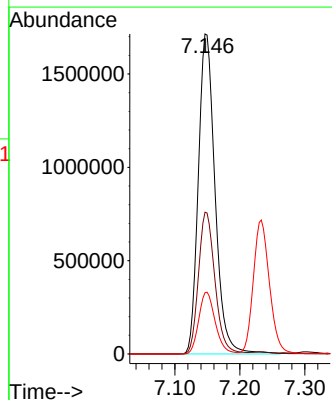
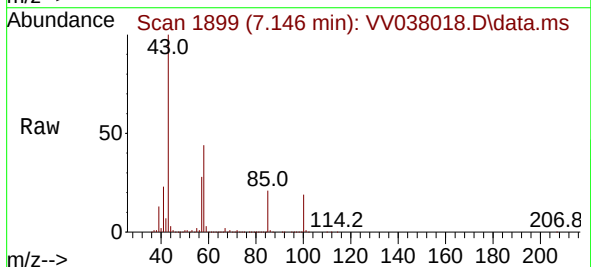
Tgt Ion: 43 Resp: 3076834

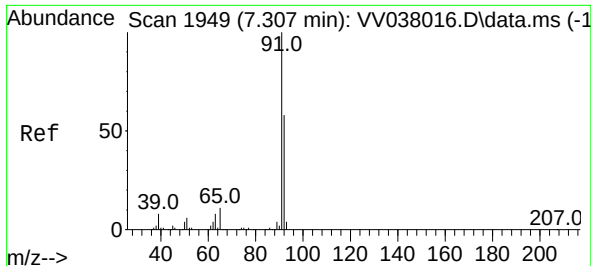
Ion Ratio Lower Upper

43 100

58 43.7 34.1 51.1

100 19.0 14.7 22.1

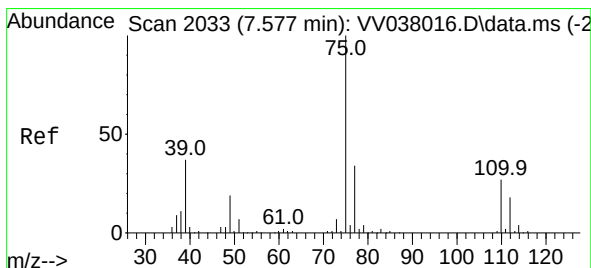
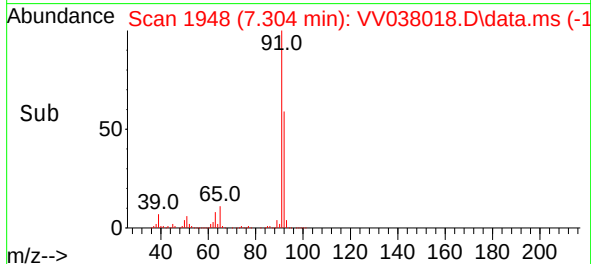
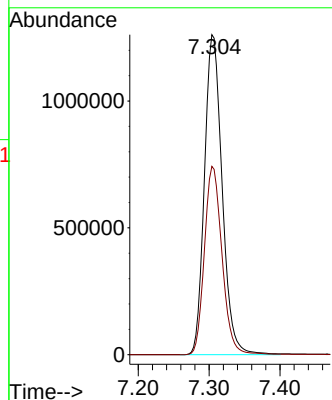
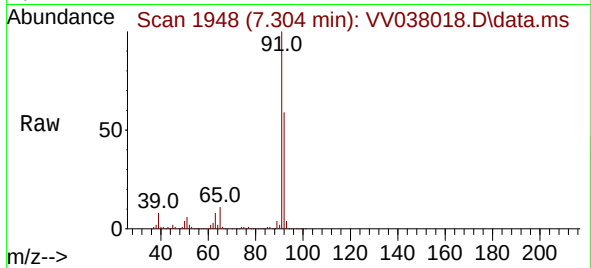




#42
Toluene
Concen: 21.411 ug/L
RT: 7.304 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

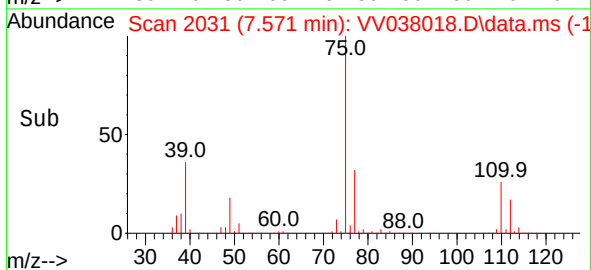
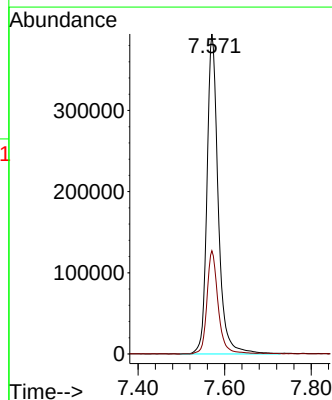
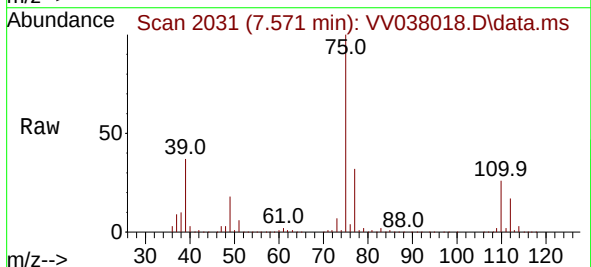
Instrument :
MSVOA_V
ClientSampleId :

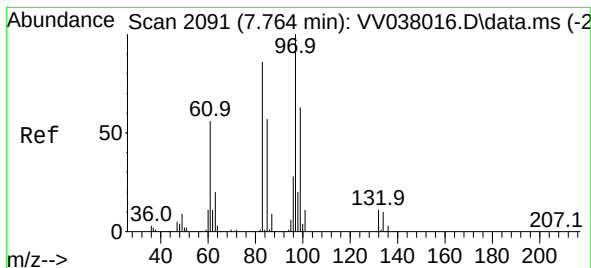
Tgt Ion: 91 Resp: 2189766
Ion Ratio Lower Upper
91 100
92 58.8 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 23.574 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. -0.007 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 75 Resp: 710136
Ion Ratio Lower Upper
75 100
77 32.3 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 20.552 ug/L

RT: 7.757 min Scan# 2089

Delta R.T. -0.007 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 399259

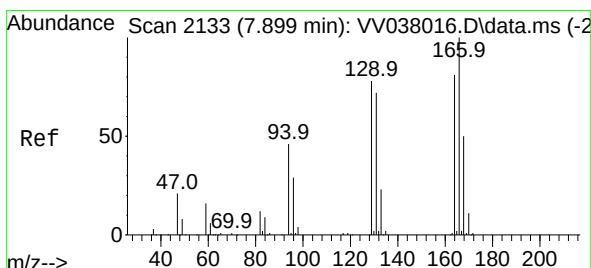
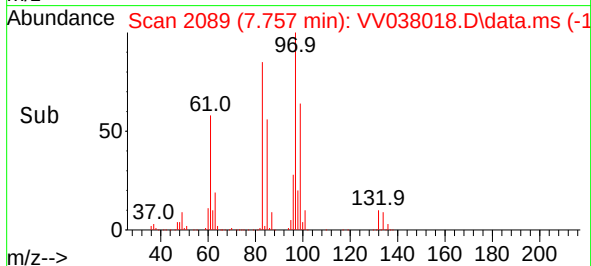
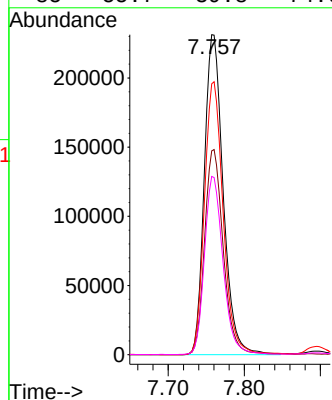
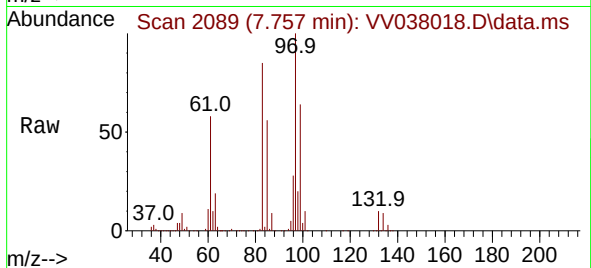
Ion Ratio Lower Upper

97 100

99 63.7 44.0 81.8

83 84.6 60.1 111.5

85 55.7 39.8 74.0



#47

Tetrachloroethene

Concen: 20.319 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Tgt Ion: 164 Resp: 426694

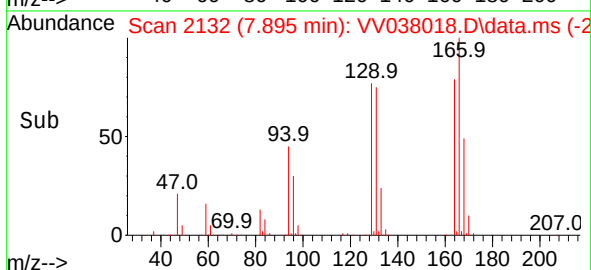
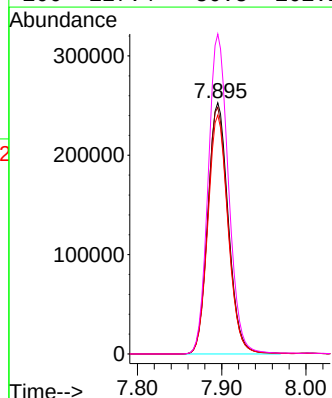
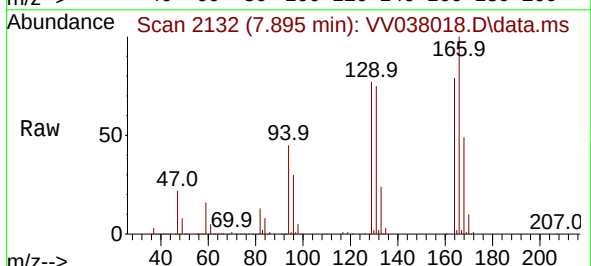
Ion Ratio Lower Upper

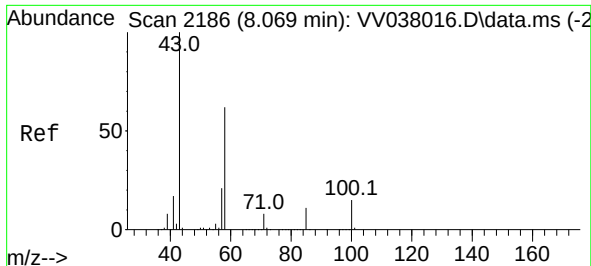
164 100

129 98.1 67.8 125.8

131 95.1 62.6 116.3

166 127.4 86.8 161.2





#48

2-Hexanone

Concen: 244.325 ug/L

RT: 8.066 min Scan# 2186

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 2209949

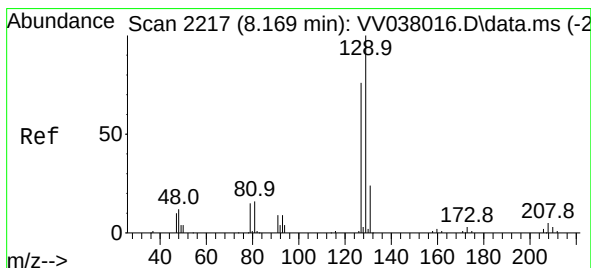
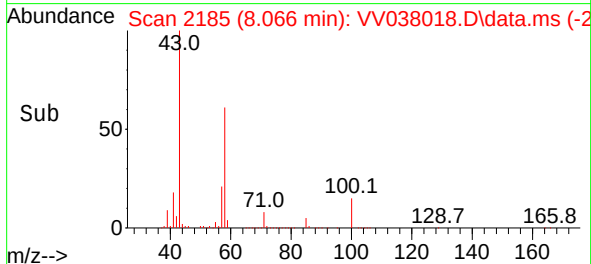
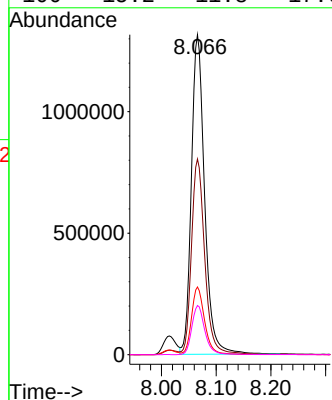
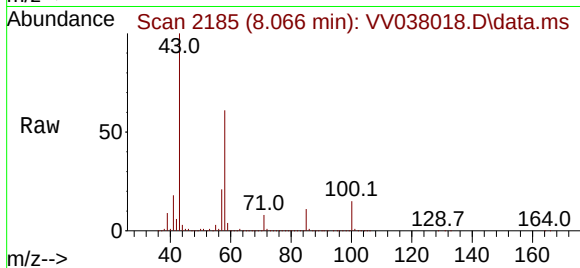
Ion Ratio Lower Upper

43 100

58 61.1 48.9 73.3

57 20.7 16.6 24.8

100 15.2 11.8 17.6



#49

Dibromochloromethane

Concen: 21.983 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038018.D

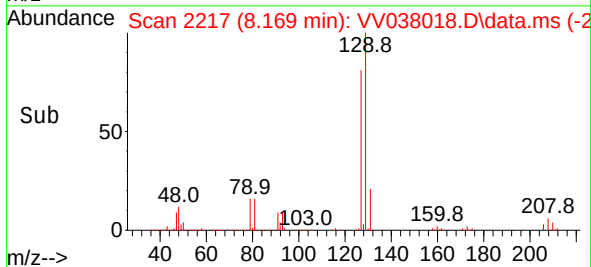
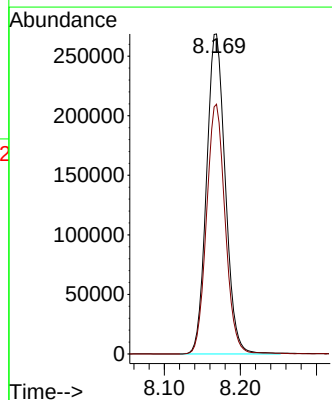
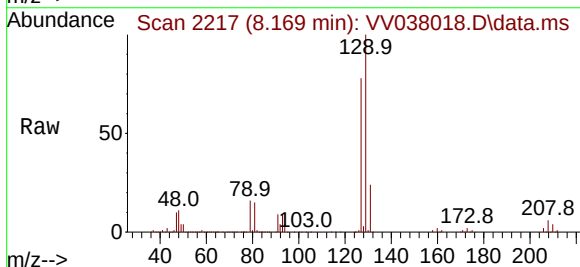
Acq: 12 Nov 2024 13:37

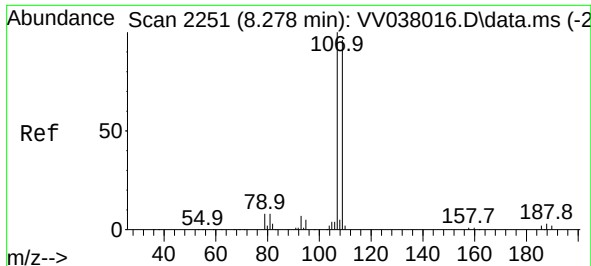
Tgt Ion:129 Resp: 460388

Ion Ratio Lower Upper

129 100

127 78.0 53.3 99.1

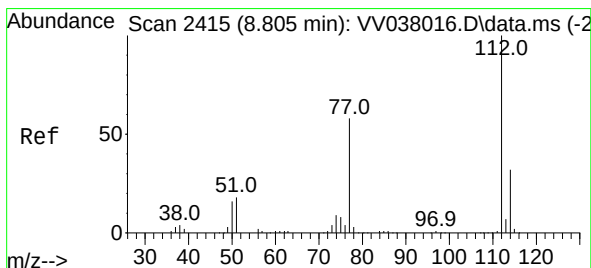
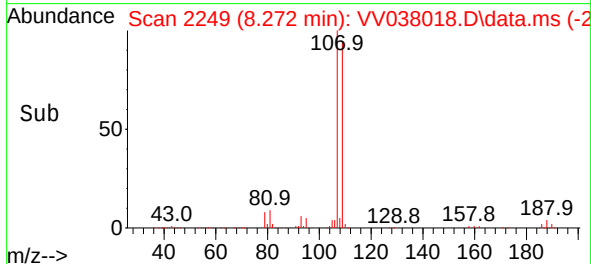
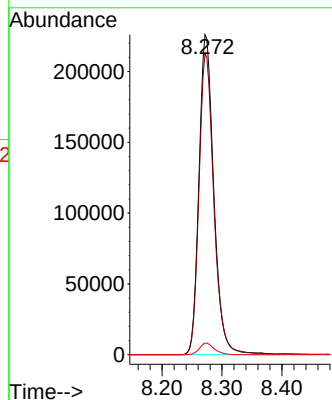
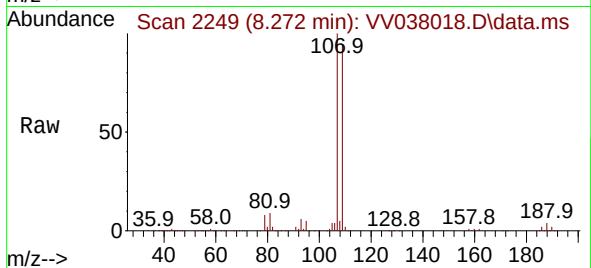




#50
1,2-Dibromoethane
Concen: 21.177 ug/L
RT: 8.272 min Scan# 21
Delta R.T. -0.007 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

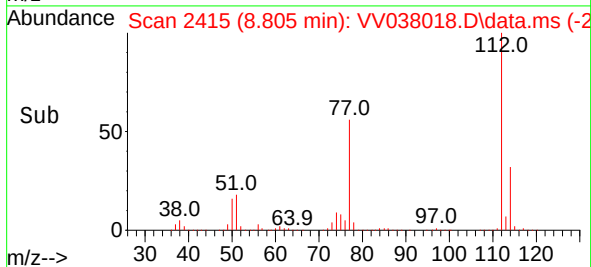
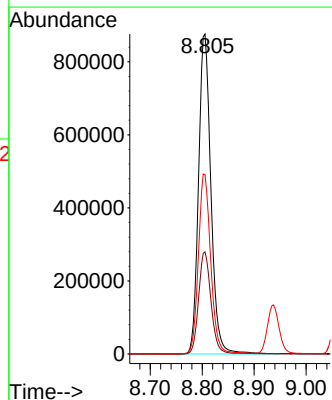
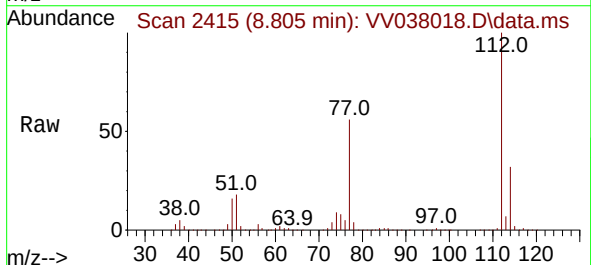
Instrument :
MSVOA_V
ClientSampleId :

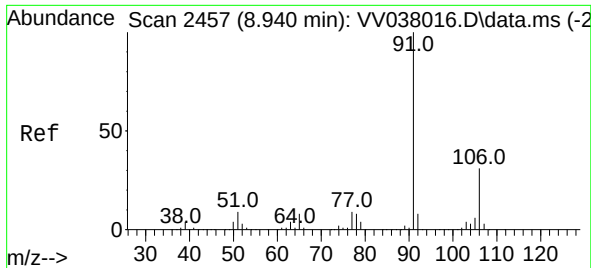
Tgt Ion:107 Resp: 390590
Ion Ratio Lower Upper
107 100
109 94.1 67.1 124.7
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 20.801 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion:112 Resp: 1449504
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 56.0 46.5 69.7





#52

Ethylbenzene

Concen: 22.223 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

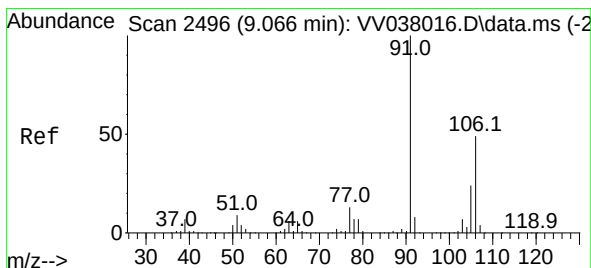
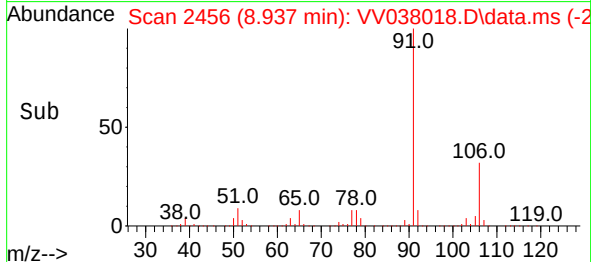
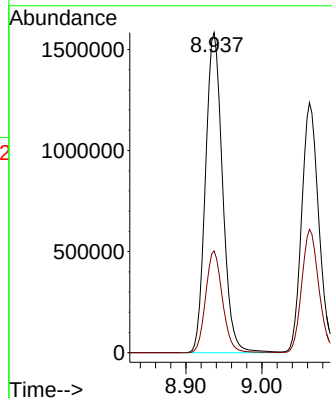
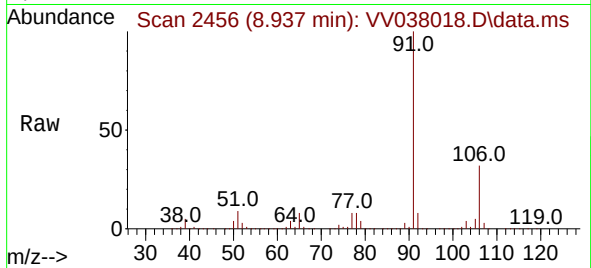
ClientSampleId :

Tgt Ion: 91 Resp: 2469028

Ion Ratio Lower Upper

91 100

106 31.8 21.6 40.0



#53

m,p-Xylene

Concen: 22.929 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. -0.003 min

Lab File: VV038018.D

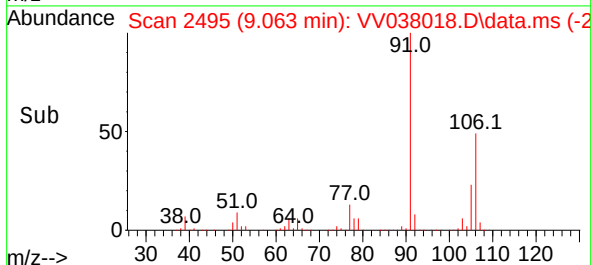
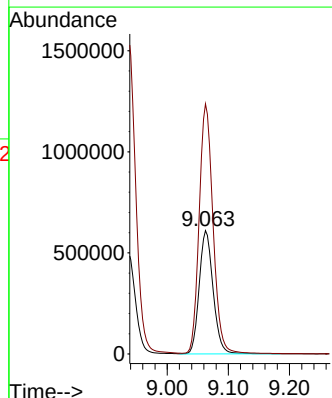
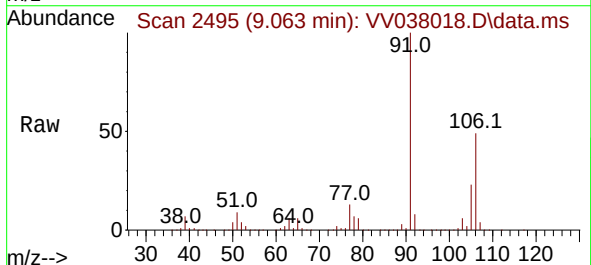
Acq: 12 Nov 2024 13:37

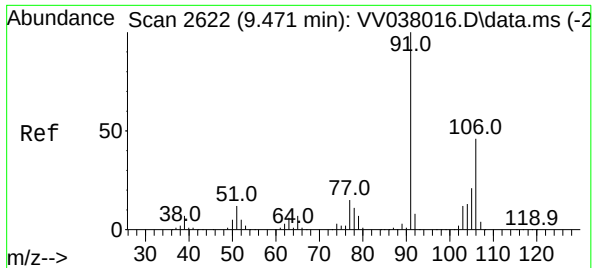
Tgt Ion:106 Resp: 960371

Ion Ratio Lower Upper

106 100

91 202.7 142.7 264.9

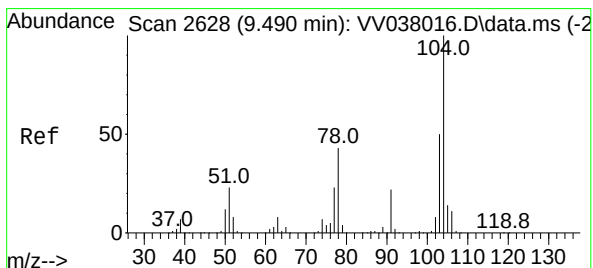
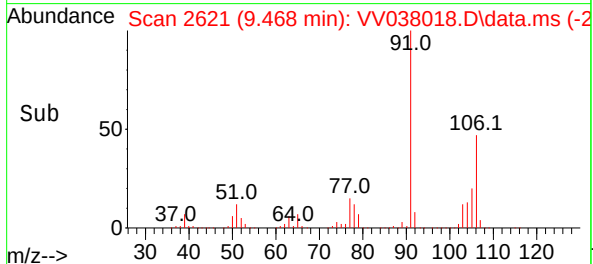
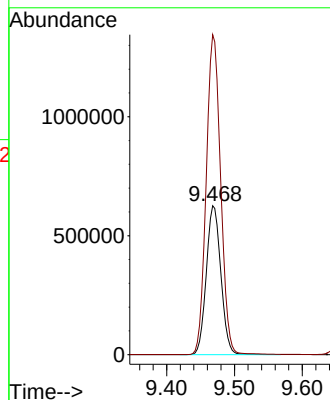
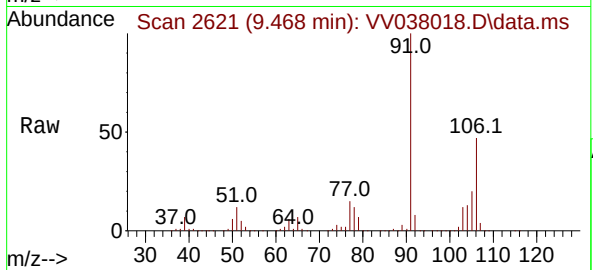




#54
o-Xylene
Concen: 23.000 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

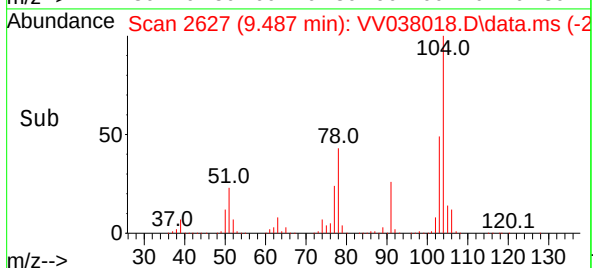
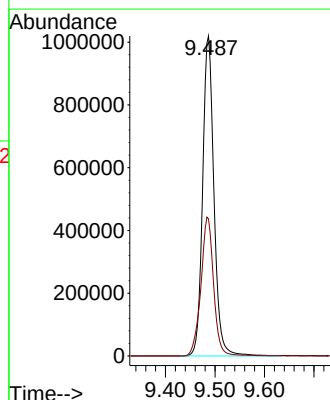
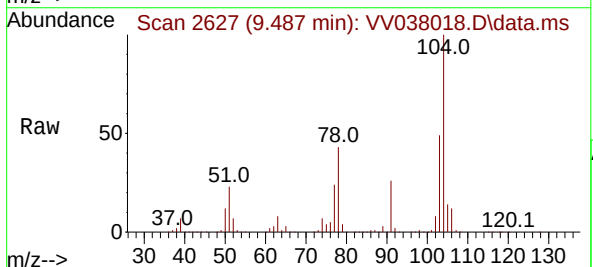
Instrument :
MSVOA_V
ClientSampleId :

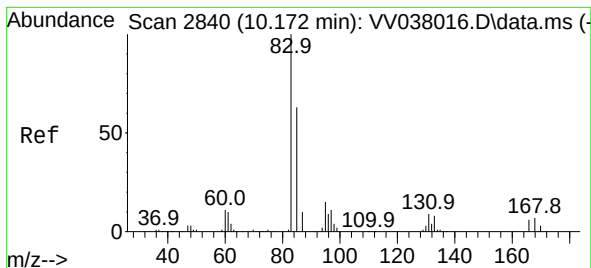
Tgt Ion:106 Resp: 932322
Ion Ratio Lower Upper
106 100
91 214.8 151.0 280.4



#55
Styrene
Concen: 23.019 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion:104 Resp: 1625338
Ion Ratio Lower Upper
104 100
78 42.9 30.1 55.9

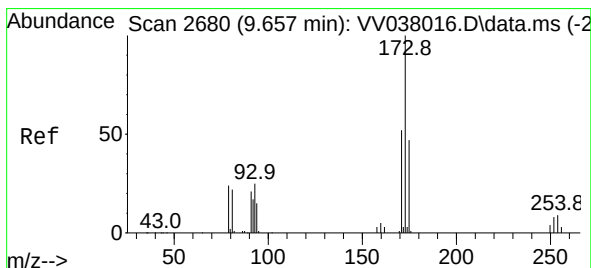
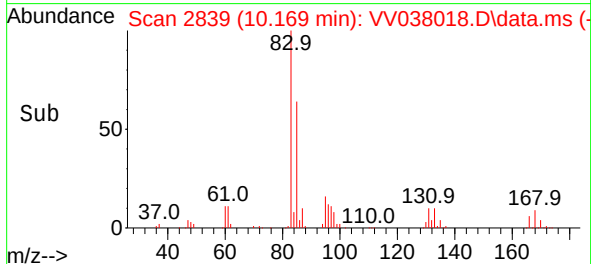
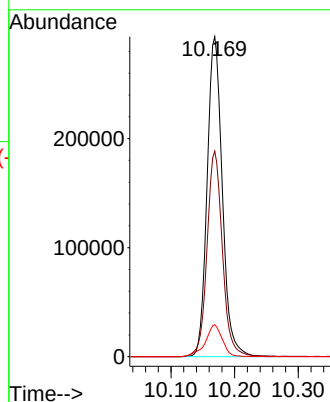
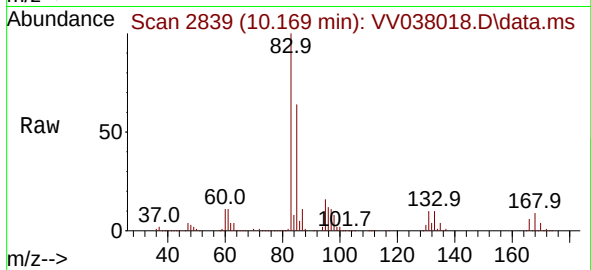




#57
1,1,2,2-Tetrachloroethane
Concen: 20.946 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

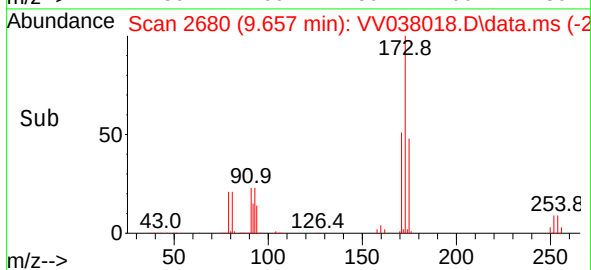
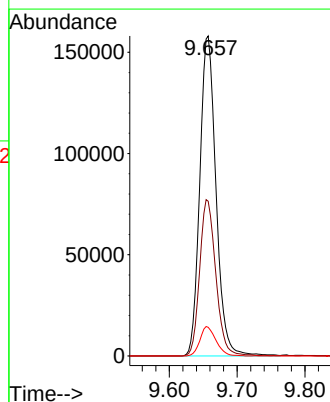
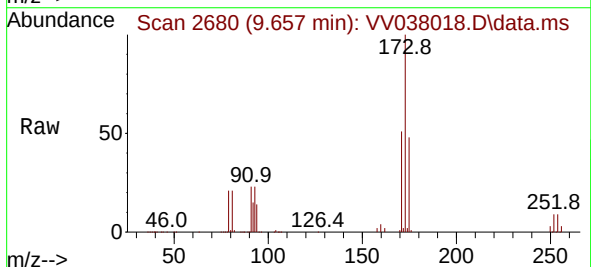
Instrument :
MSVOA_V
ClientSampleId :

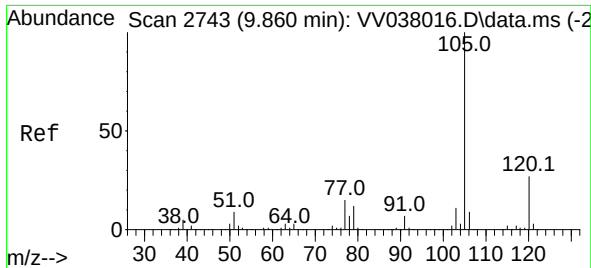
Tgt Ion: 83 Resp: 485705
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.4
131 10.0 7.8 11.6



#59
Bromoform
Concen: 23.705 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 173 Resp: 263022
Ion Ratio Lower Upper
173 100
175 48.6 39.3 58.9
254 9.1 7.5 11.3

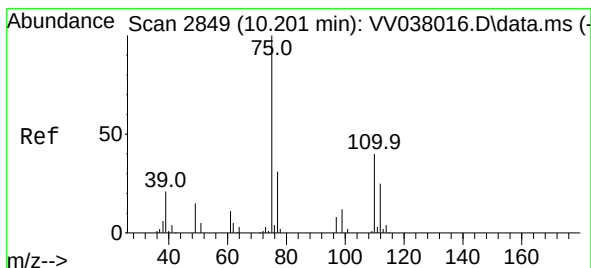
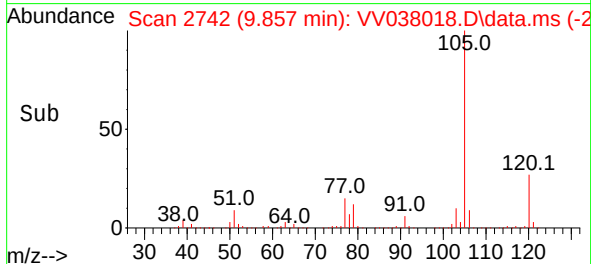
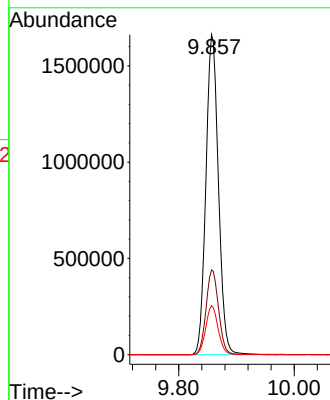
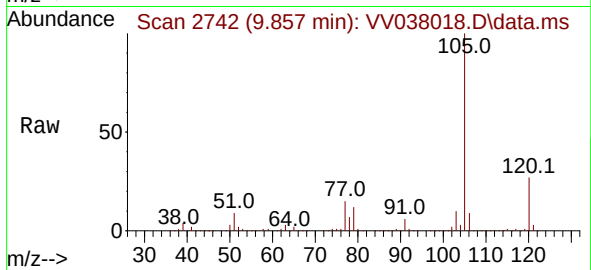




#60
Isopropylbenzene
Concen: 22.195 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

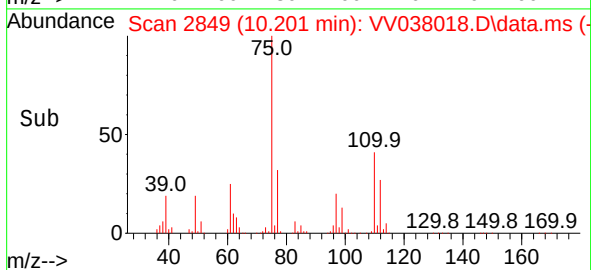
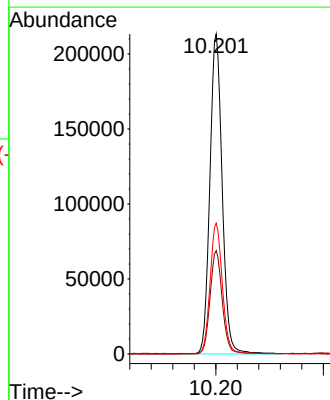
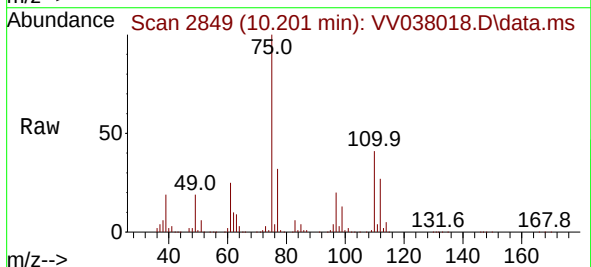
Instrument :
MSVOA_V
ClientSampleId :

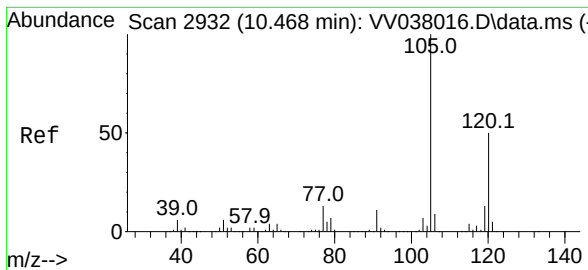
Tgt Ion:105 Resp: 2498964
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 20.596 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion: 75 Resp: 339599
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
110 40.8 33.5 50.3

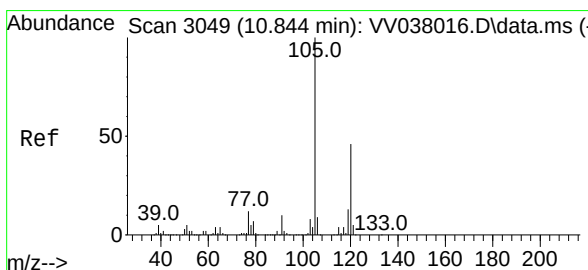
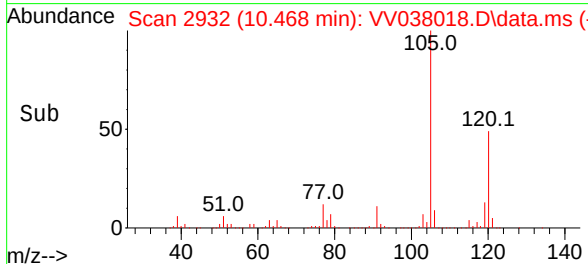
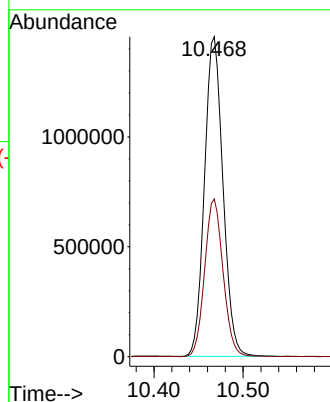
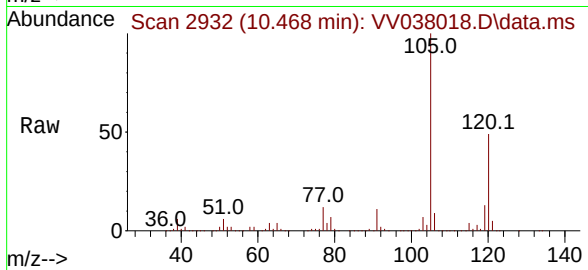




#62
1,3,5-Trimethylbenzene
Concen: 23.219 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

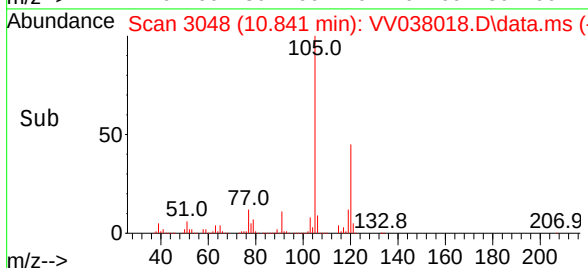
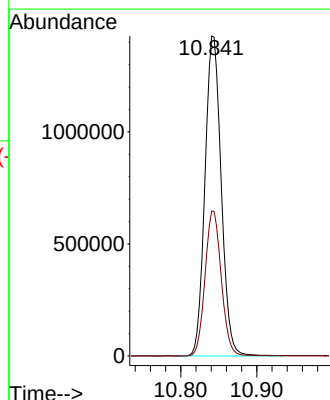
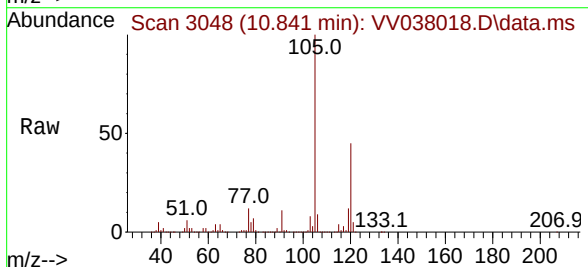
Instrument :
MSVOA_V
ClientSampleId :

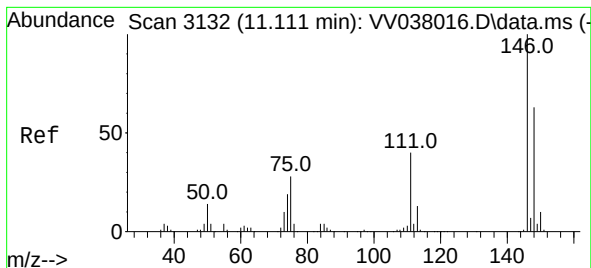
Tgt Ion:105 Resp: 2093846
Ion Ratio Lower Upper
105 100
120 49.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 23.438 ug/L
RT: 10.841 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion:105 Resp: 2117557
Ion Ratio Lower Upper
105 100
120 45.3 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 20.658 ug/L

RT: 11.107 min Scan# 3132

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

ClientSampleId :

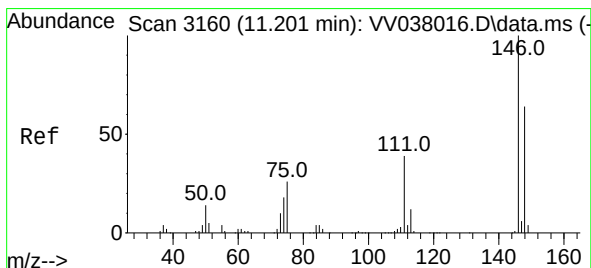
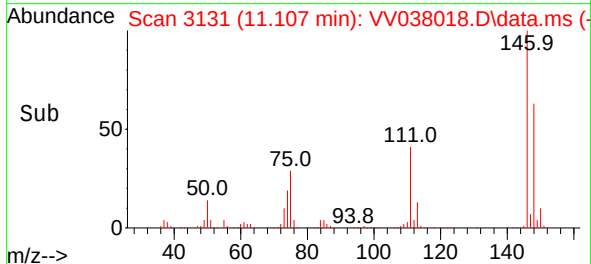
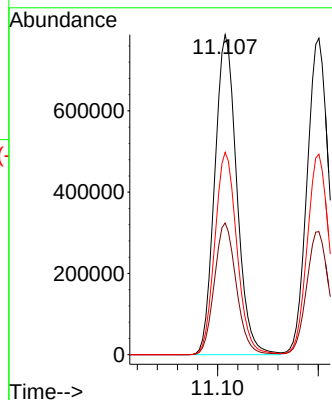
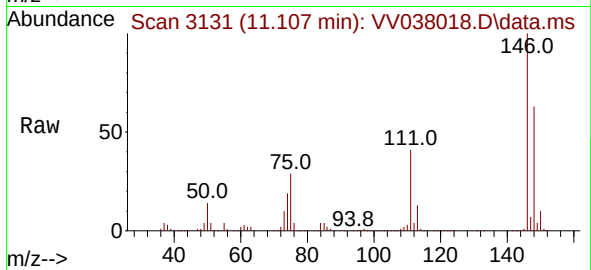
Tgt Ion:146 Resp: 1199797

Ion Ratio Lower Upper

146 100

111 41.2 27.6 51.4

148 63.2 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 20.292 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

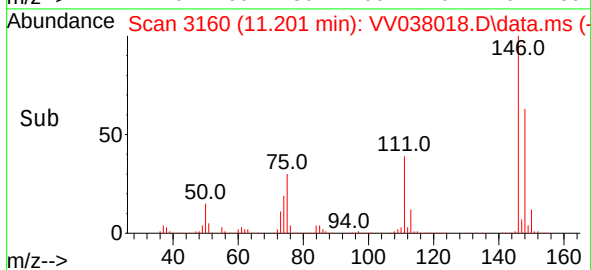
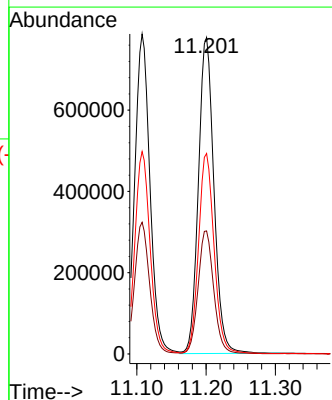
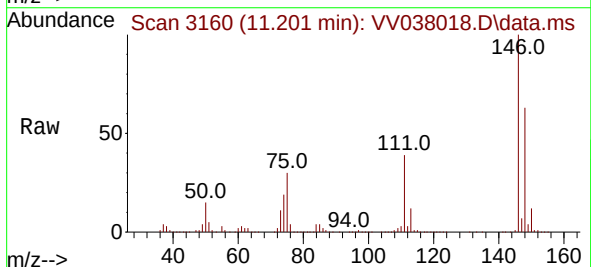
Tgt Ion:146 Resp: 1212459

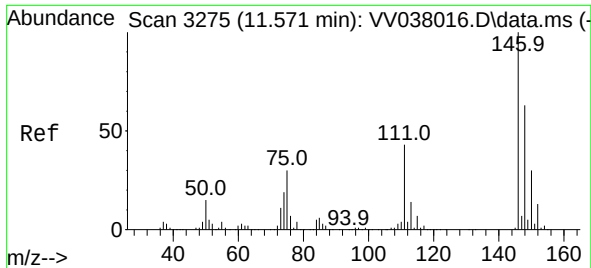
Ion Ratio Lower Upper

146 100

111 38.9 27.8 51.6

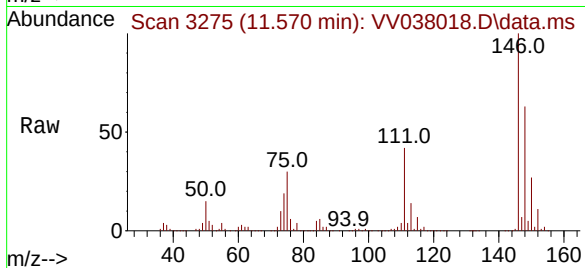
148 63.4 44.7 83.1



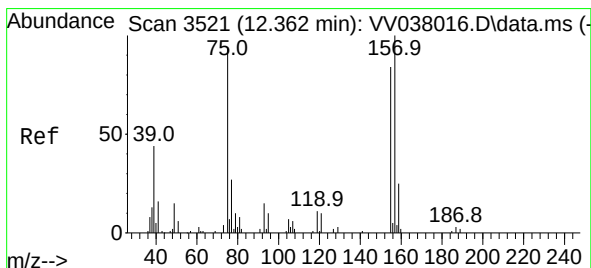
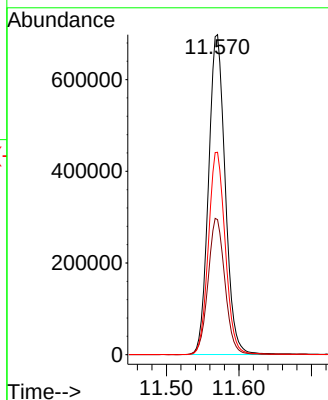
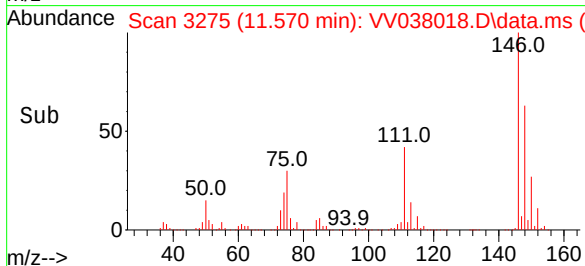


#67
1,2-Dichlorobenzene
Concen: 20.586 ug/L
RT: 11.570 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

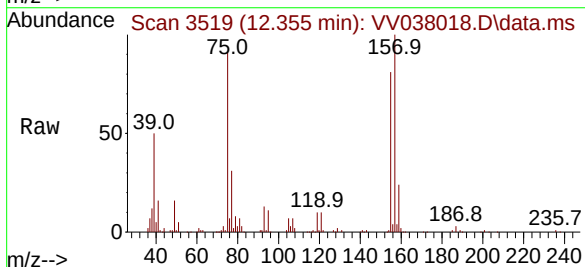
Instrument :
MSVOA_V
ClientSampleId :



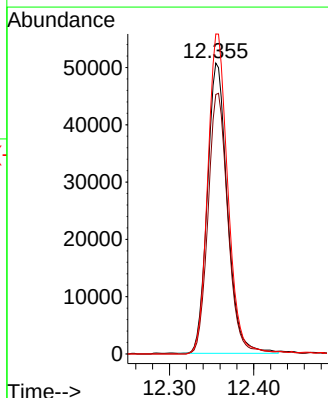
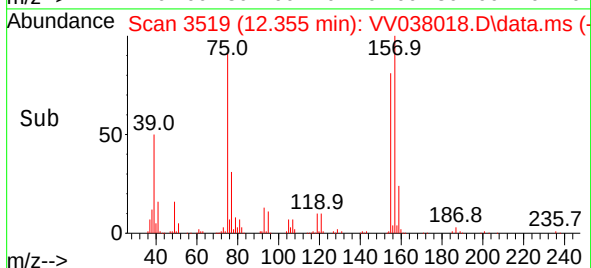
Tgt Ion:146 Resp: 1118038
Ion Ratio Lower Upper
146 100
111 42.2 34.5 51.7
148 63.2 50.4 75.6

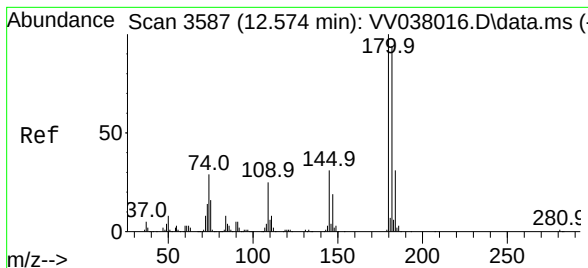


#68
1,2-Dibromo-3-chloropropane
Concen: 22.477 ug/L
RT: 12.355 min Scan# 3519
Delta R.T. -0.007 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37



Tgt Ion: 75 Resp: 84016
Ion Ratio Lower Upper
75 100
155 89.2 72.0 108.0
157 110.0 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 20.600 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

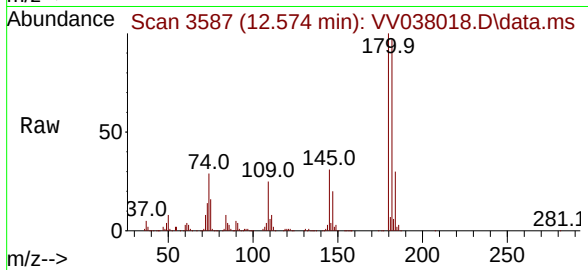
Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 879986

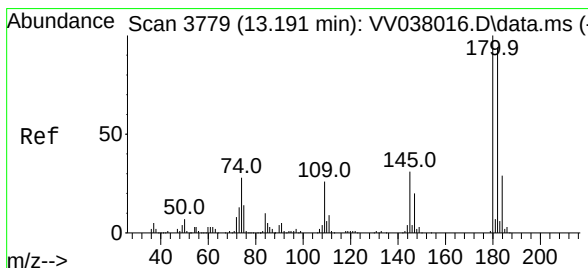
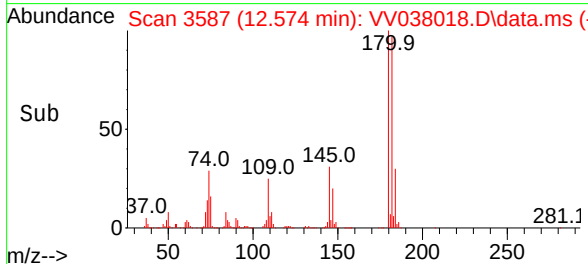
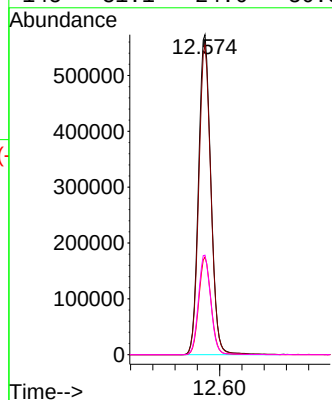
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

184 30.3 24.2 36.2

145 31.1 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 21.599 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. -0.003 min

Lab File: VV038018.D

Acq: 12 Nov 2024 13:37

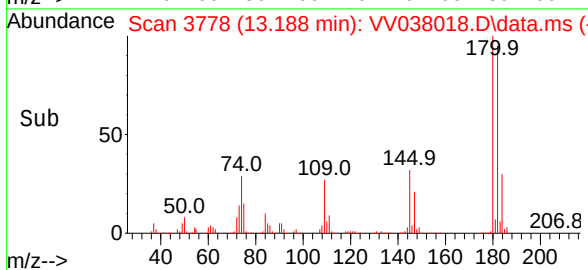
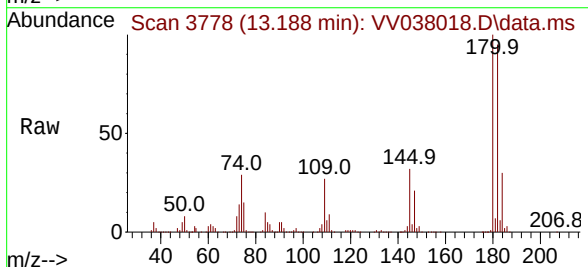
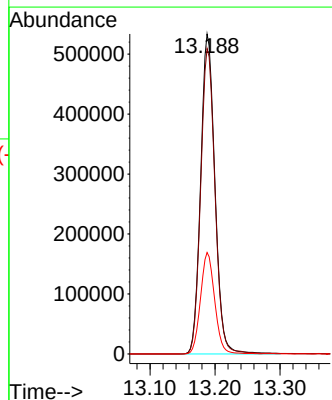
Tgt Ion:180 Resp: 819240

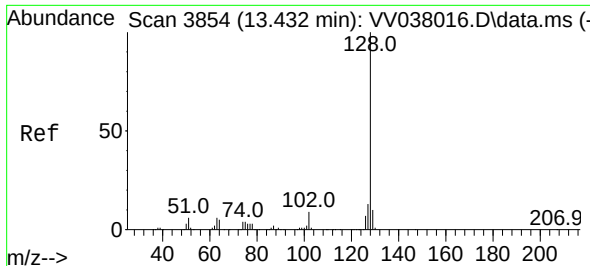
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

145 31.4 24.8 37.2

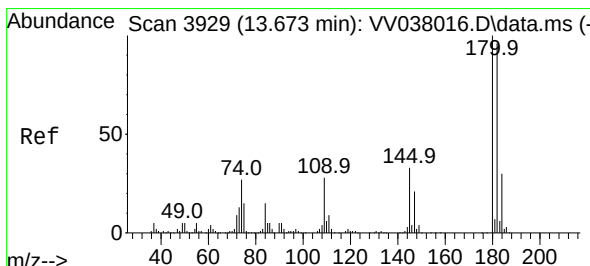
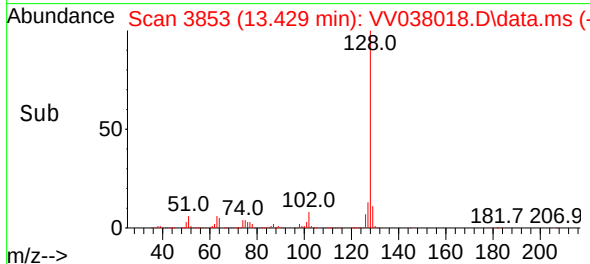
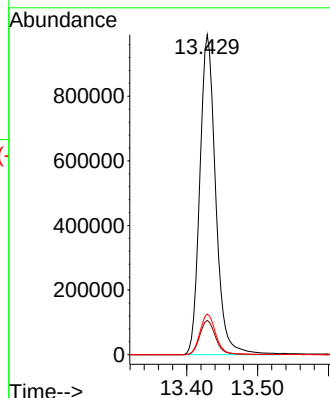
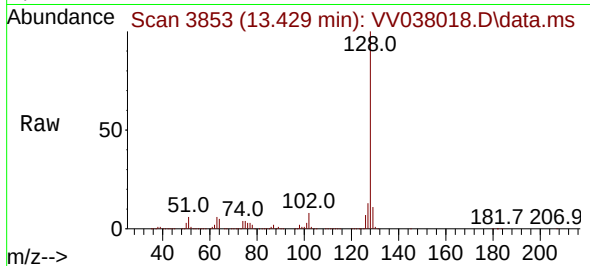




#71
Naphthalene
Concen: 22.294 ug/L
RT: 13.429 min Scan# 3853
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1539158
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.7 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 20.920 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038018.D
Acq: 12 Nov 2024 13:37

Tgt Ion:180 Resp: 748802
Ion Ratio Lower Upper
180 100
182 96.7 76.6 114.8
145 34.0 26.2 39.2

