

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023389.D
 Acq On : 11 Nov 2021 15:42
 Operator : SY/MD
 Sample : M4581-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J2MS

Quant Time: Nov 12 00:30:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32562	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	26582	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.108	63	66471	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.899	46	69244	51.968	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.940%
24) Chloroform-d	4.352	84	67563	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.037	65	33611	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.053	84	140487	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.072	67	41671	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.317	98	134139	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.625	79	15585	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.091	63	64307	50.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31005	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	50013	4.526	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	57949	4.814	ug/L	98
3) Chloromethane	1.240	50	50333	4.918	ug/L	97
5) Vinyl chloride	1.310	62	50952	4.985	ug/L	100
6) Bromomethane	1.519	94	29113	4.456	ug/L	97
8) Chloroethane	1.584	64	29226	4.954	ug/L	98
9) Trichlorofluoromethane	1.751	101	76378	4.973	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38077	4.924	ug/L	96
12) 1,1-Dichloroethene	2.117	96	36771	4.995	ug/L	86
13) Acetone	2.182	43	48364	59.404	ug/L	91
14) Carbon disulfide	2.294	76	129559	4.663	ug/L	100
15) Methyl Acetate	2.436	43	14685	6.373	ug/L	92
16) Methylene chloride	2.506	84	44343	4.127	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	87031	5.370	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	43955	4.857	ug/L	99
19) 1,1-Dichloroethane	3.191	63	76675	5.018	ug/L	98
21) 2-Butanone	3.982	43	78528	59.658	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	45081	5.176	ug/L	# 88
23) Bromochloromethane	4.252	128	21449	5.341	ug/L	# 74
25) Chloroform	4.378	83	88506	5.434	ug/L	99

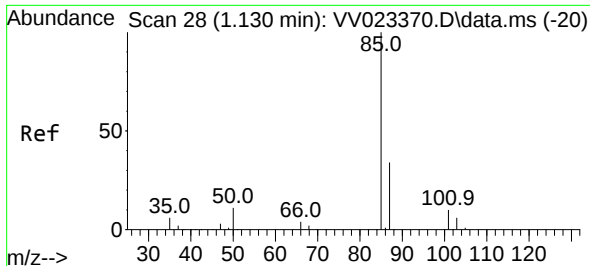
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45162	5.213	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	74219	5.025	ug/L	99
30) Cyclohexane	4.677	56	63149	4.771	ug/L	96
31) Carbon tetrachloride	4.831	117	67520	5.090	ug/L	96
33) Benzene	5.101	78	174490	5.133	ug/L	100
34) Trichloroethene	5.918	95	45433	5.026	ug/L	98
35) Methylcyclohexane	6.133	83	68762	4.820	ug/L	97
37) 1,2-Dichloropropane	6.175	63	41454	5.224	ug/L	99
38) Bromodichloromethane	6.513	83	55984	5.265	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	57527	5.040	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	228479	62.081	ug/L	99
42) Toluene	7.391	91	190567	5.242	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	51542	5.443	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	29999	5.262	ug/L	97
47) Tetrachloroethene	7.979	164	42470	5.421	ug/L	97
48) 2-Hexanone	8.140	43	167422	64.921	ug/L	99
49) Dibromochloromethane	8.246	129	39647	5.488	ug/L	99
50) 1,2-Dibromoethane	8.355	107	28833	5.457	ug/L	99
51) Chlorobenzene	8.882	112	121101	5.011	ug/L	100
52) Ethylbenzene	9.014	91	192152	5.011	ug/L	98
53) m,p-xylene	9.140	106	76364	5.075	ug/L	99
54) o-xylene	9.545	106	72455	5.132	ug/L	97
55) Styrene	9.561	104	128535	5.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	34169	5.470	ug/L	99
59) Bromoform	9.734	173	21021	5.303	ug/L	97
60) Isopropylbenzene	9.934	105	198971	5.225	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24615	5.584	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	160887	5.095	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	161539	5.140	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	99294	5.103	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	97401	4.902	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	91079	5.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5612	5.975	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	74372	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57329	4.699	ug/L	99
71) Naphthalene	13.503	128	88894	4.942	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53097	4.974	ug/L	99

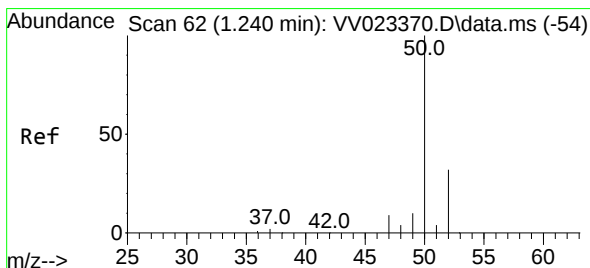
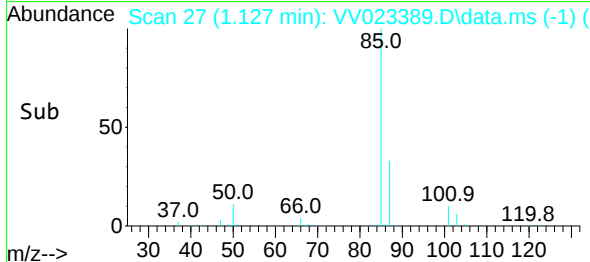
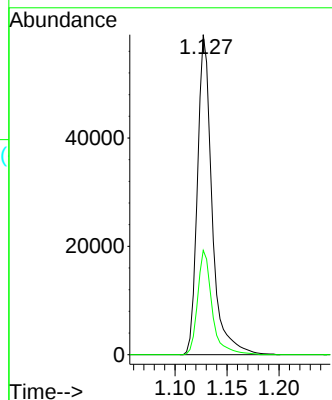
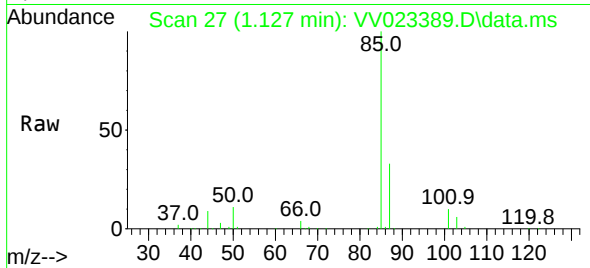
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.814 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

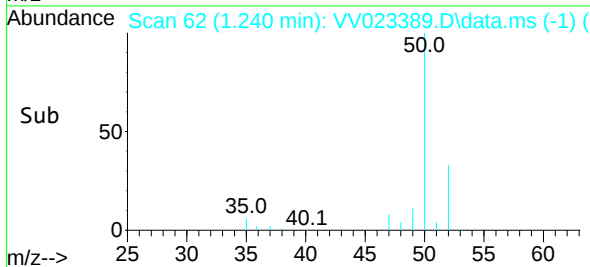
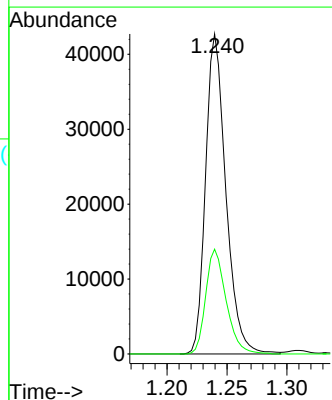
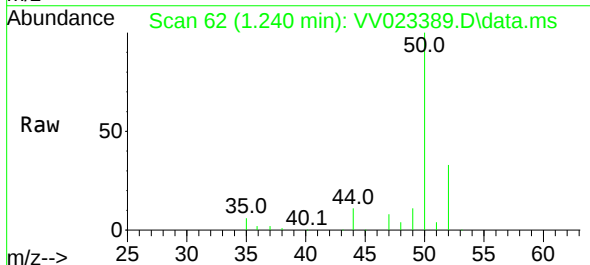
Instrument :
 MSVOA_V
 ClientSampleId :
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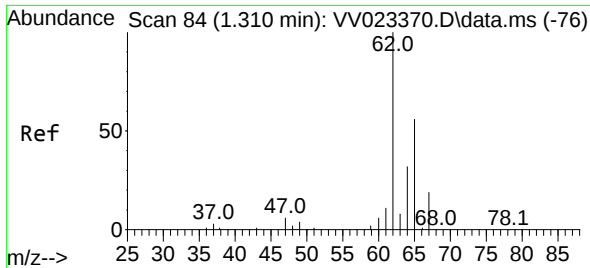
Tgt Ion: 85 Resp: 57949
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 39.8



#3
 Chloromethane
 Concen: 4.918 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

Tgt Ion: 50 Resp: 50333
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.3 45.1

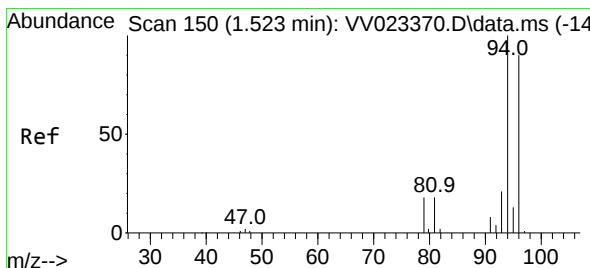
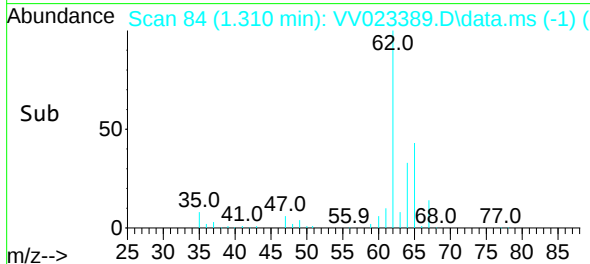
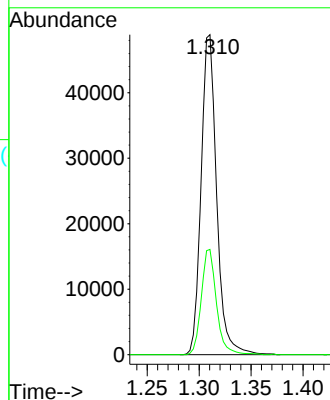
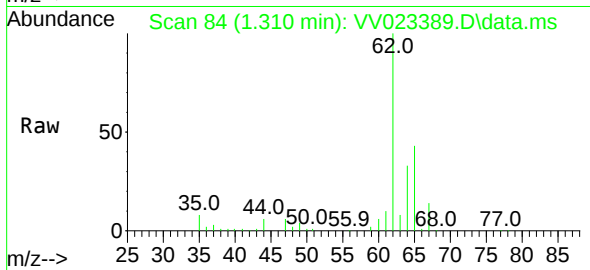




#5
 Vinyl chloride
 Concen: 4.985 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

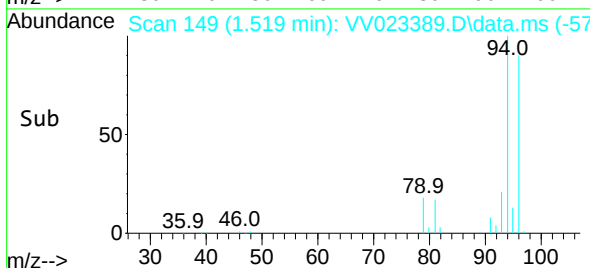
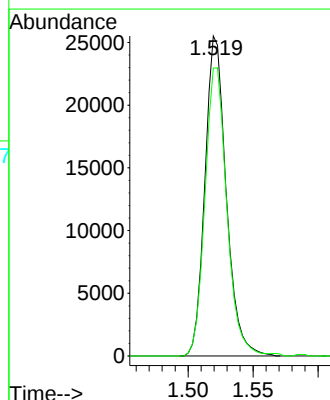
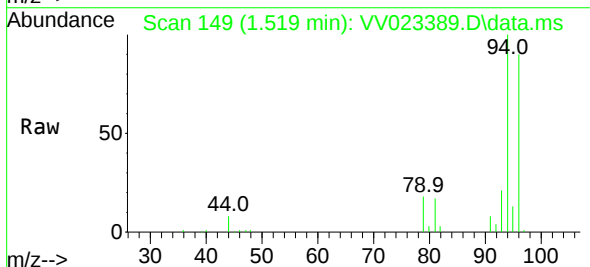
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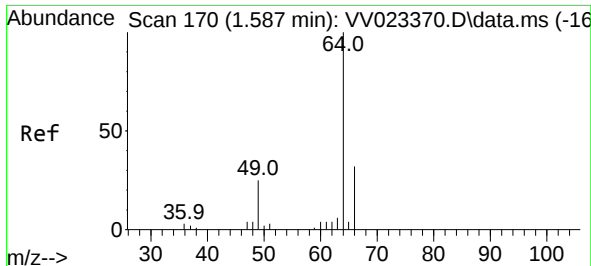
Tgt Ion: 62 Resp: 50952
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.456 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

Tgt Ion: 94 Resp: 29113
 Ion Ratio Lower Upper
 94 100
 96 90.0 65.0 120.8

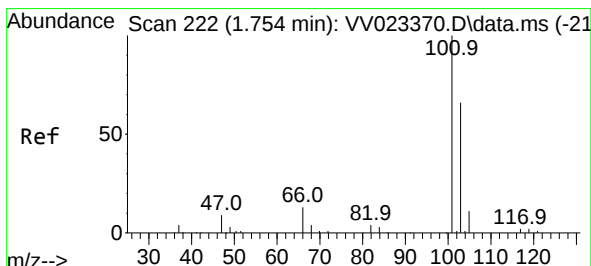
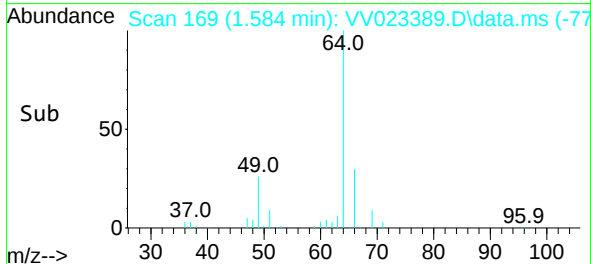
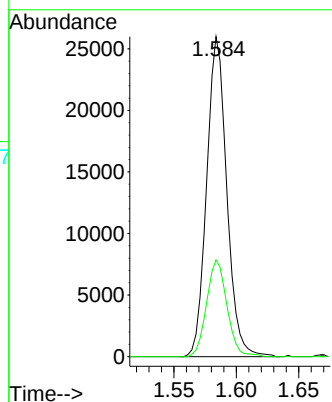
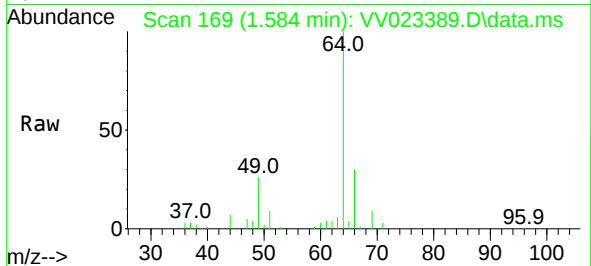




#8
Chloroethane
Concen: 4.954 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

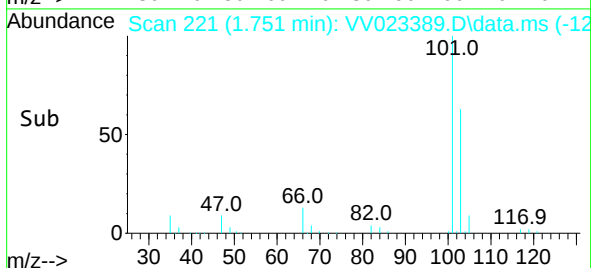
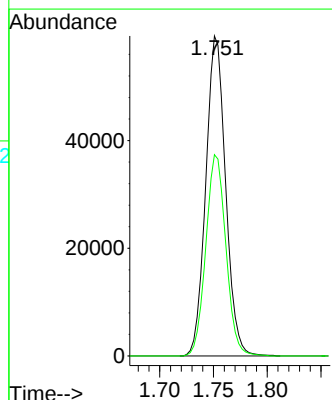
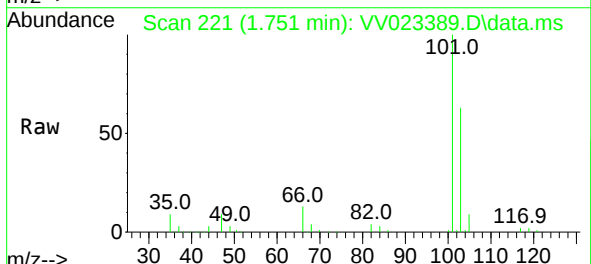
Instrument :
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ClientSampleId :
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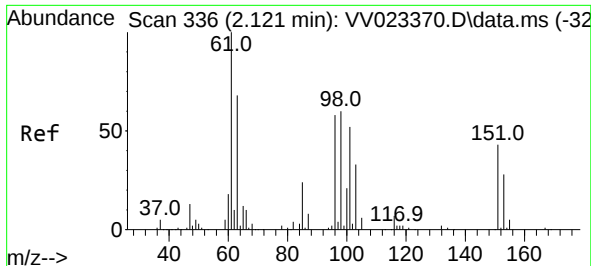
Tgt Ion: 64 Resp: 29226
Ion Ratio Lower Upper
64 100
66 30.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.973 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion:101 Resp: 76378
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

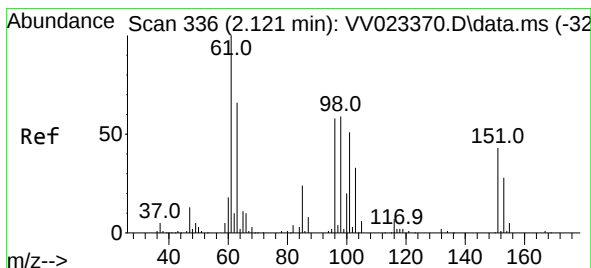
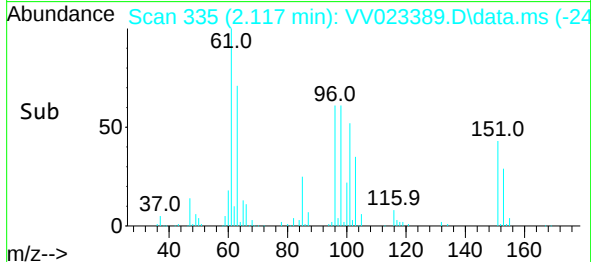
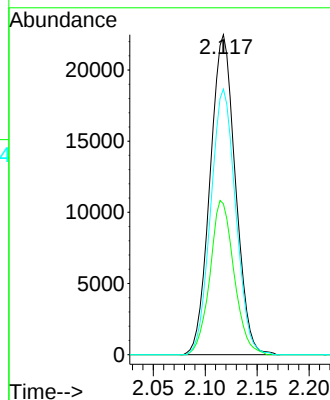
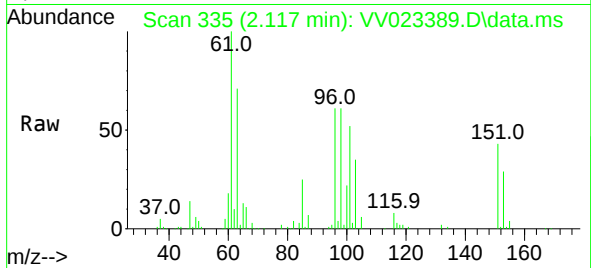




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.924 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

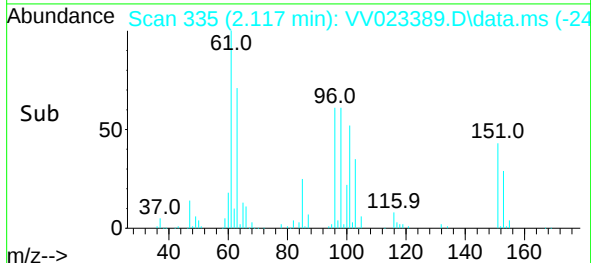
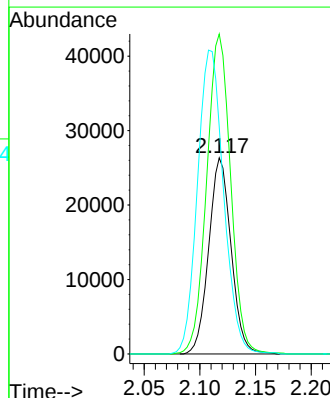
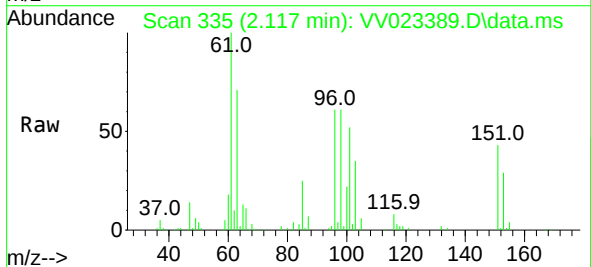
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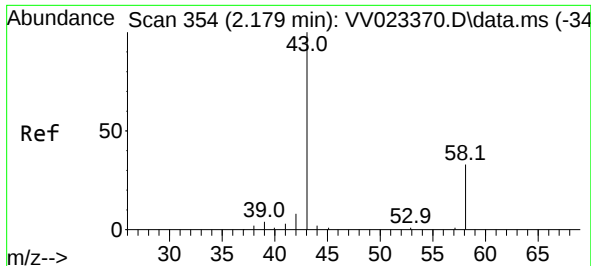
Tgt Ion:101 Resp: 38077
Ion Ratio Lower Upper
101 100
85 45.7 35.3 52.9
151 81.8 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.995 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion: 96 Resp: 36771
Ion Ratio Lower Upper
96 100
61 163.2 121.5 225.7
63 115.8 99.6 185.0





#13

Acetone

Concen: 59.404 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

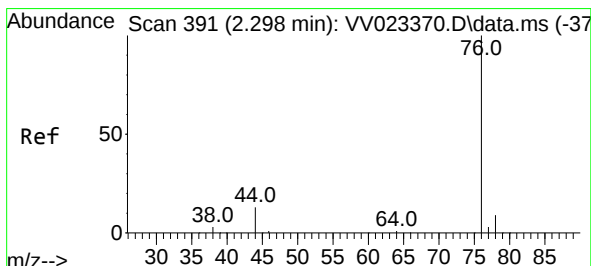
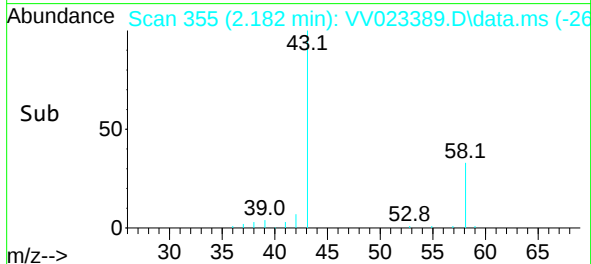
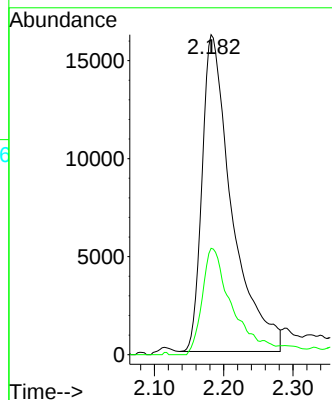
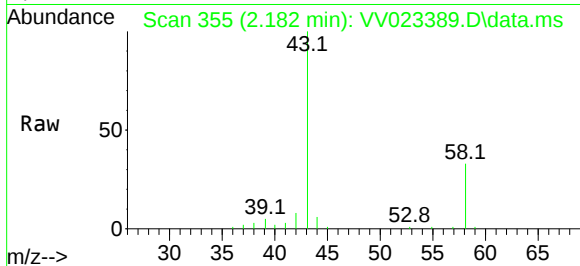
GB8J2MS

Tgt Ion: 43 Resp: 48364

Ion Ratio Lower Upper

43 100

58 32.3 0.0 55.4



#14

Carbon disulfide

Concen: 4.663 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV023389.D

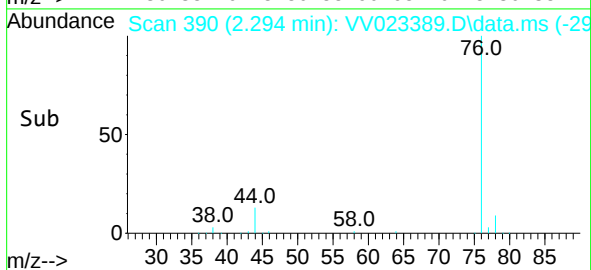
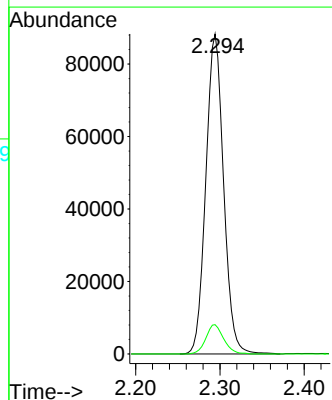
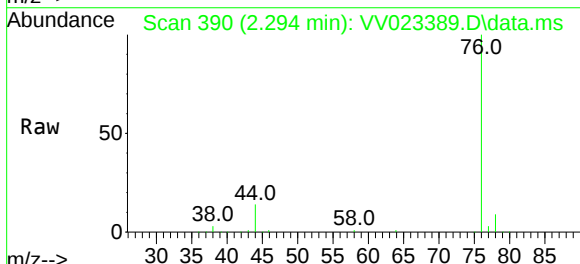
Acq: 11 Nov 2021 15:42

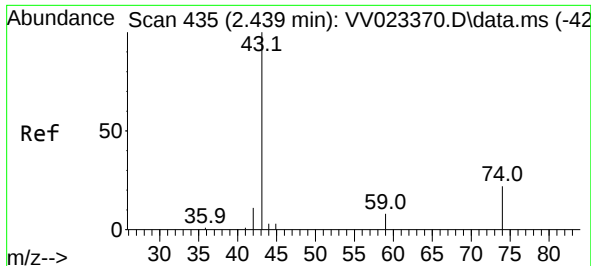
Tgt Ion: 76 Resp: 129559

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

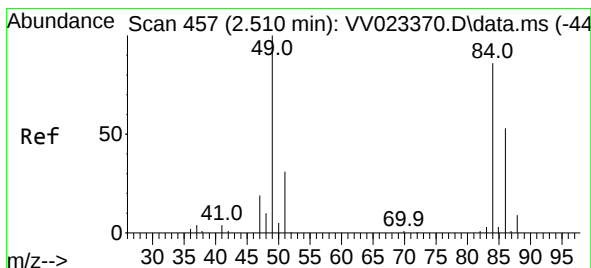
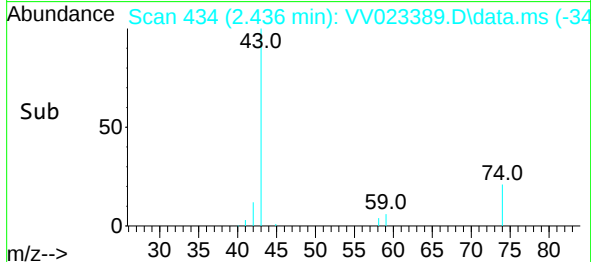
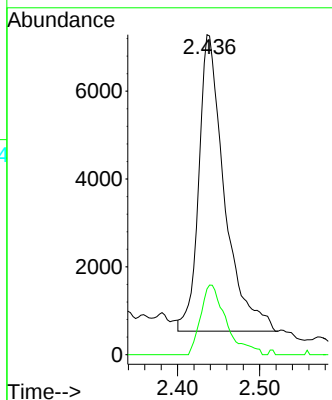
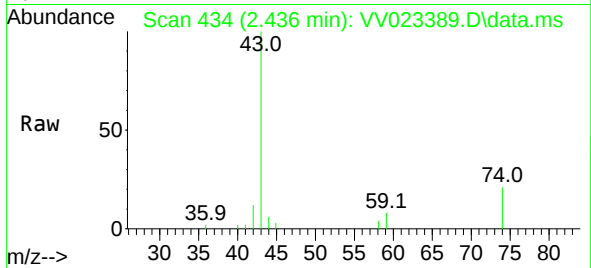




#15
Methyl Acetate
Concen: 6.373 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

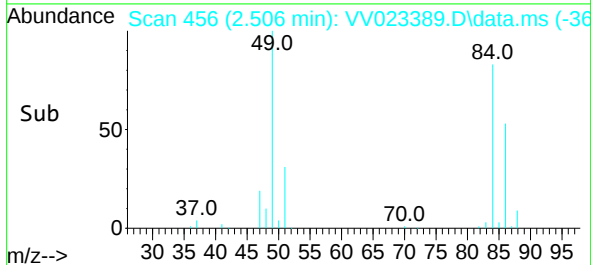
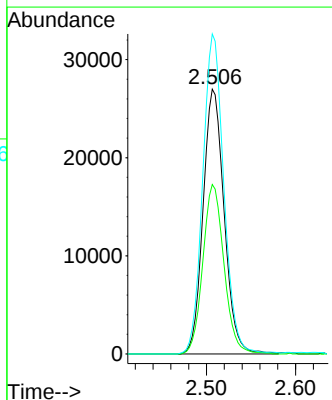
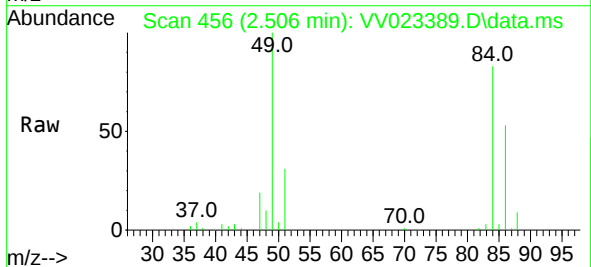
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

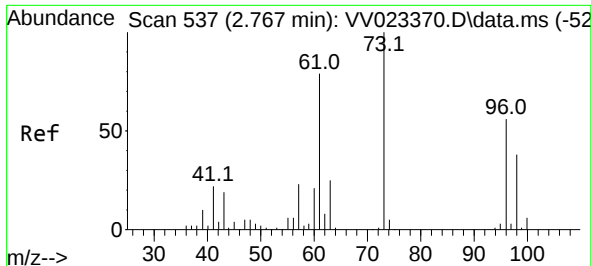
Tgt Ion: 43 Resp: 14685
Ion Ratio Lower Upper
43 100
74 23.4 22.2 33.2



#16
Methylene chloride
Concen: 4.127 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion: 84 Resp: 44343
Ion Ratio Lower Upper
84 100
86 64.0 42.3 78.5
49 120.8 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 5.370 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

GB8J2MS

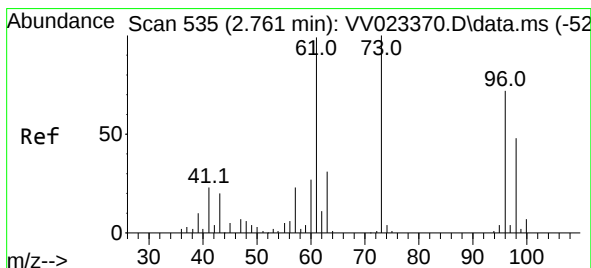
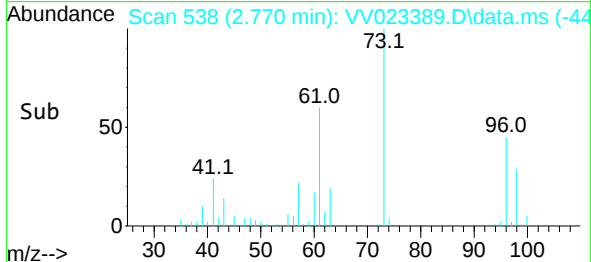
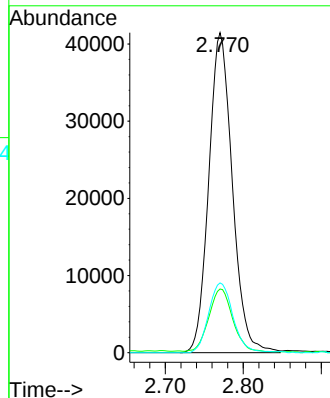
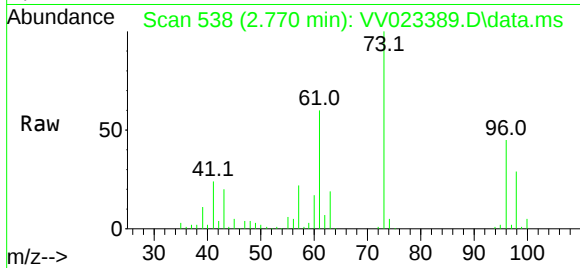
Tgt Ion: 73 Resp: 87031

Ion Ratio Lower Upper

73 100

43 19.7 17.4 26.0

57 22.5 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 4.857 ug/L

RT: 2.761 min Scan# 535

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

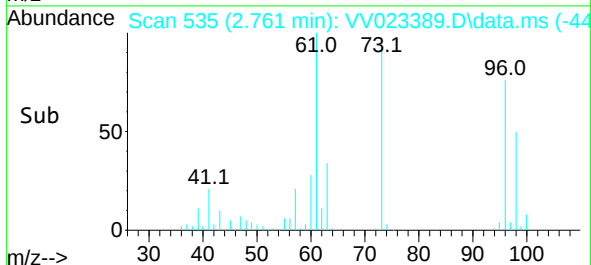
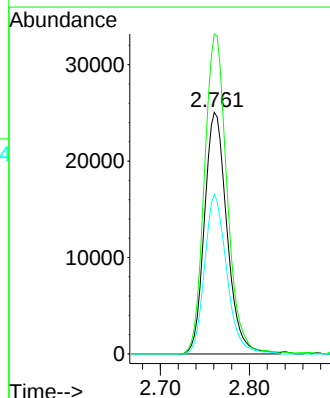
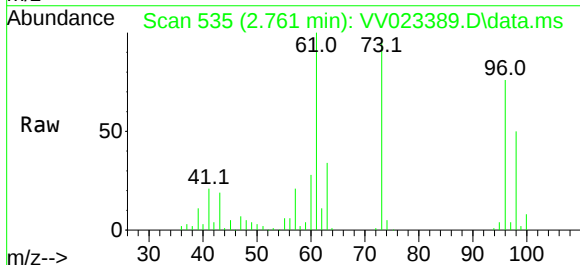
Tgt Ion: 96 Resp: 43955

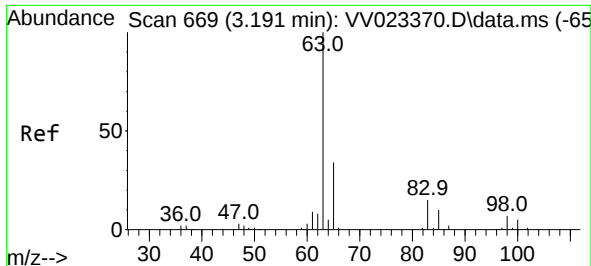
Ion Ratio Lower Upper

96 100

61 132.4 93.2 173.2

98 66.0 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.018 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

GB8J2MS

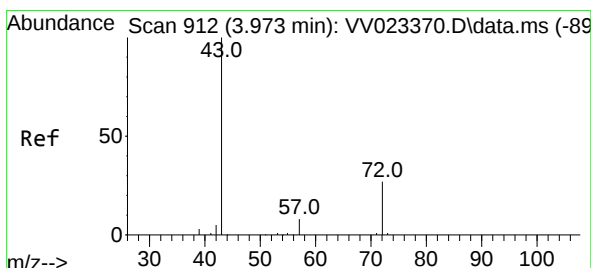
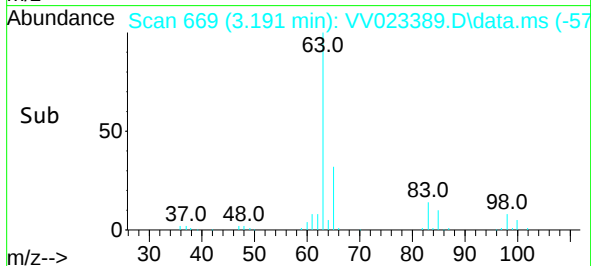
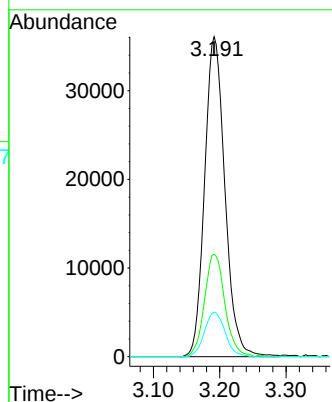
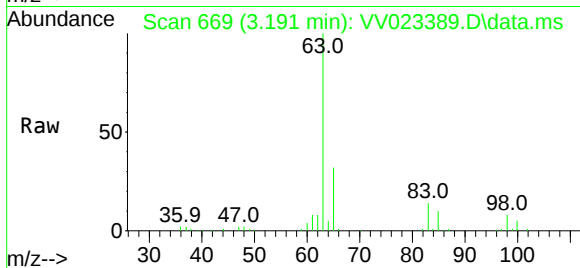
Tgt Ion: 63 Resp: 76675

Ion Ratio Lower Upper

63 100

65 32.1 22.6 42.0

83 13.9 11.1 20.7



#21

2-Butanone

Concen: 59.658 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.010 min

Lab File: VV023389.D

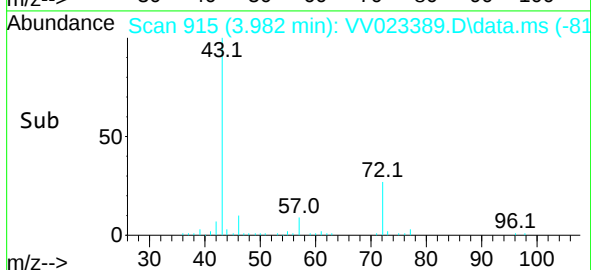
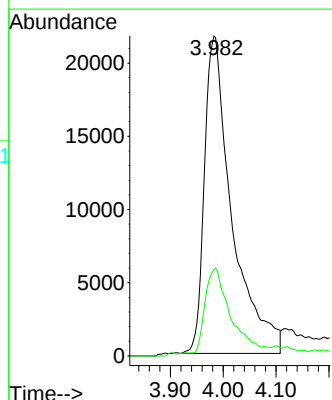
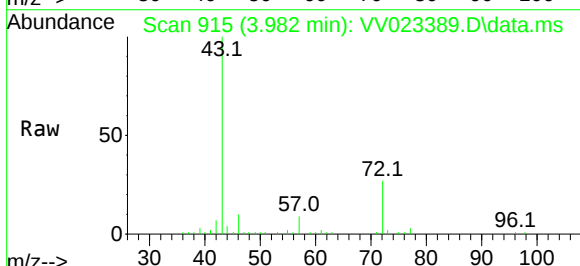
Acq: 11 Nov 2021 15:42

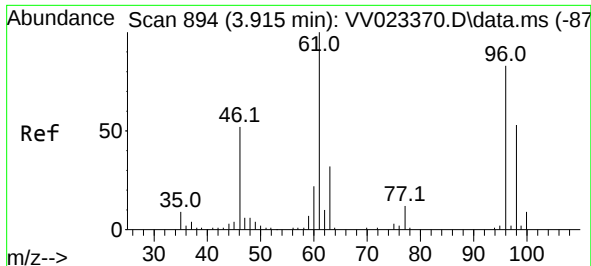
Tgt Ion: 43 Resp: 78528

Ion Ratio Lower Upper

43 100

72 24.1 11.9 35.9

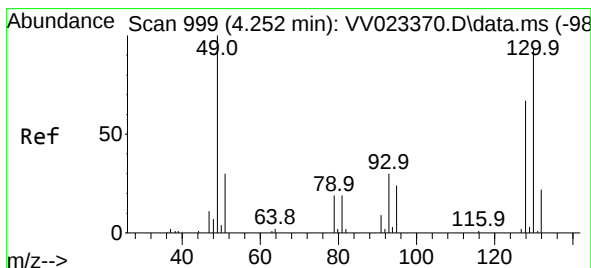
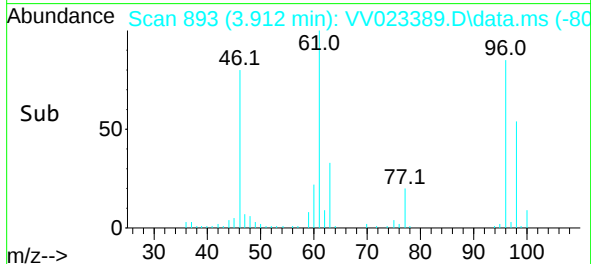
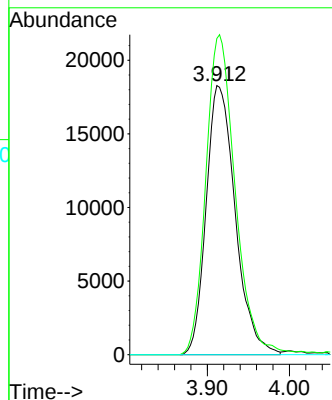
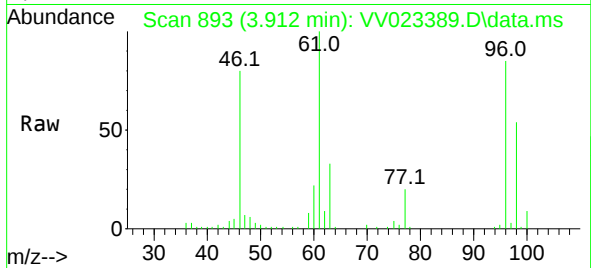




#22
 cis-1,2-Dichloroethene
 Concen: 5.176 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

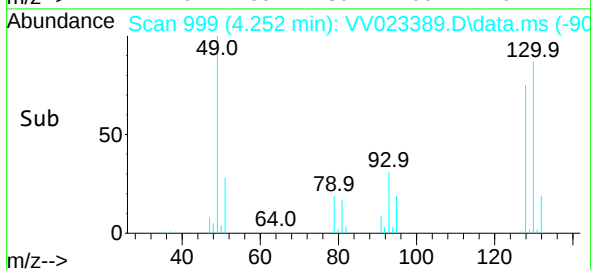
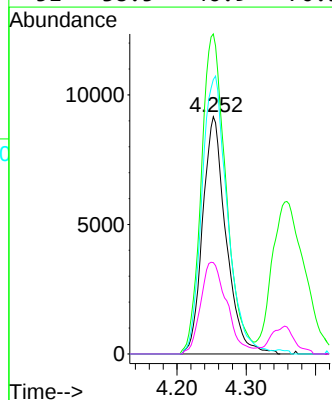
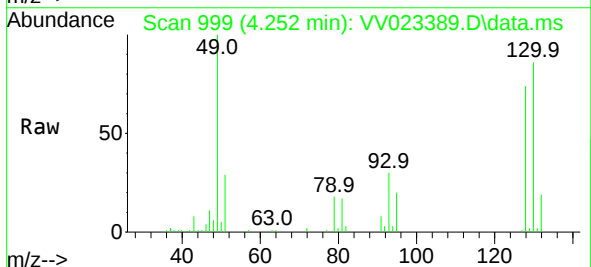
Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J2MS

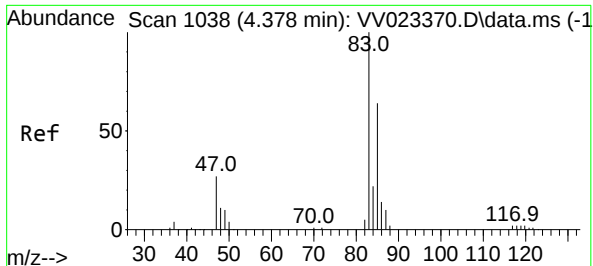
Tgt Ion: 96 Resp: 45081
 Ion Ratio Lower Upper
 96 100
 61 117.5 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.341 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

Tgt Ion:128 Resp: 21449
 Ion Ratio Lower Upper
 128 100
 49 134.9 126.1 234.3
 130 115.6 95.2 176.8
 51 38.5 46.9 70.3#





#25

Chloroform

Concen: 5.434 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

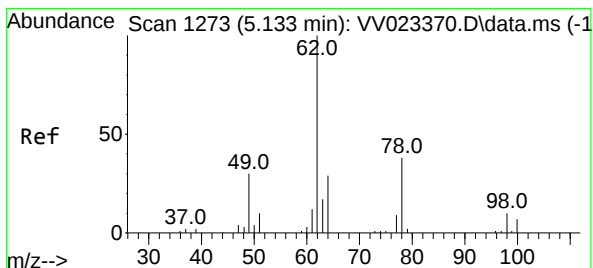
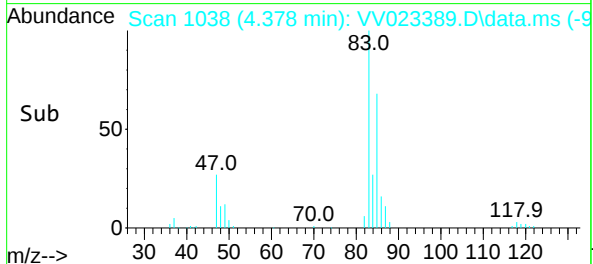
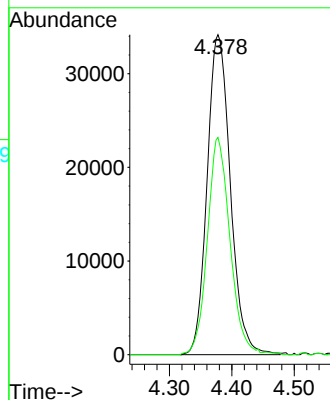
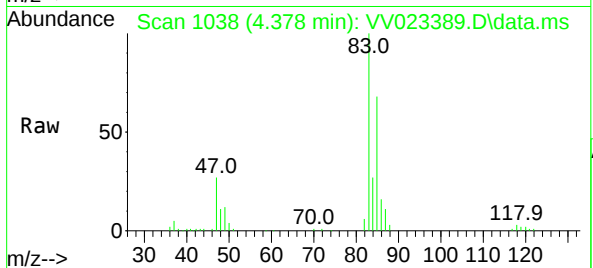
GB8J2MS

Tgt Ion: 83 Resp: 88506

Ion Ratio Lower Upper

83 100

85 67.9 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.213 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV023389.D

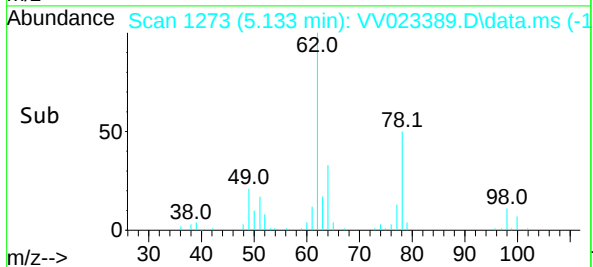
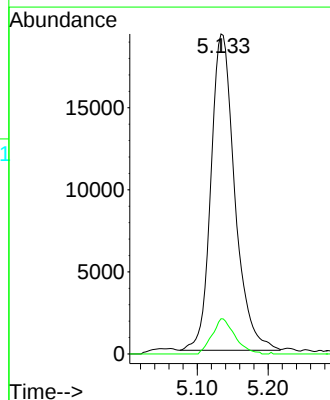
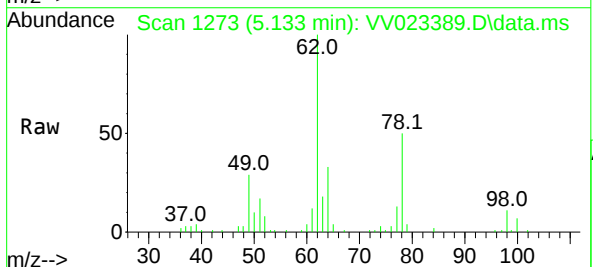
Acq: 11 Nov 2021 15:42

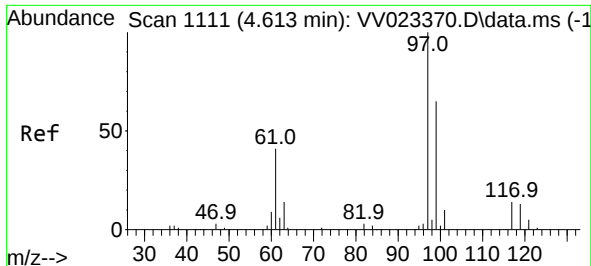
Tgt Ion: 62 Resp: 45162

Ion Ratio Lower Upper

62 100

98 11.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.025 ug/L

RT: 4.609 min Scan# 1111

Delta R.T. -0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

GB8J2MS

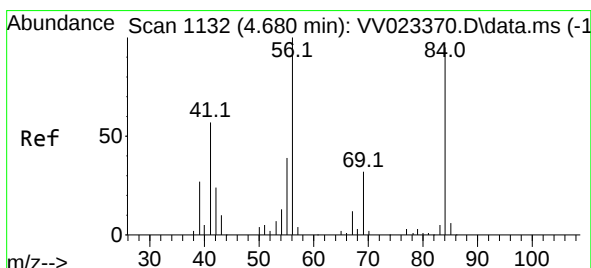
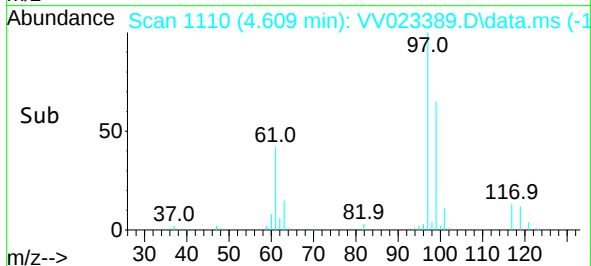
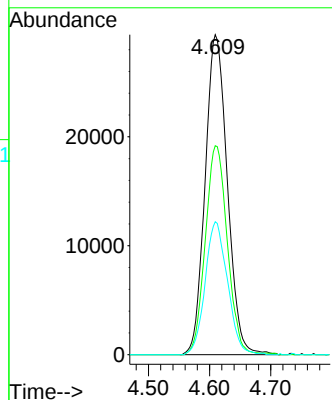
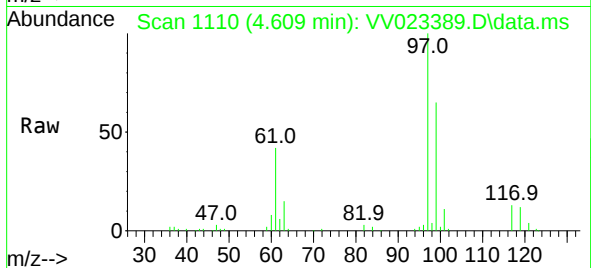
Tgt Ion: 97 Resp: 74219

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

61 41.8 34.1 51.1



#30

Cyclohexane

Concen: 4.771 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

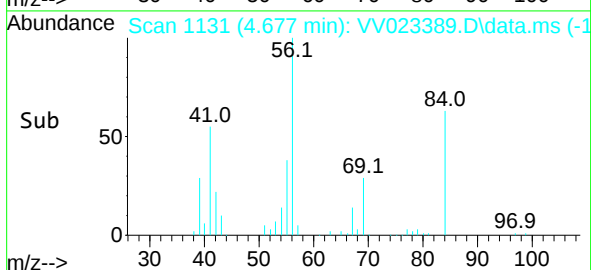
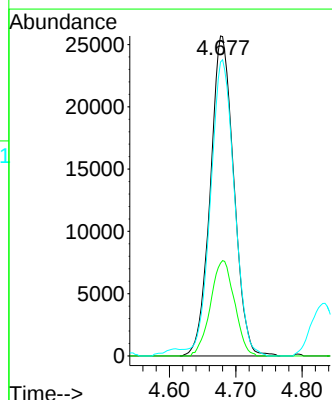
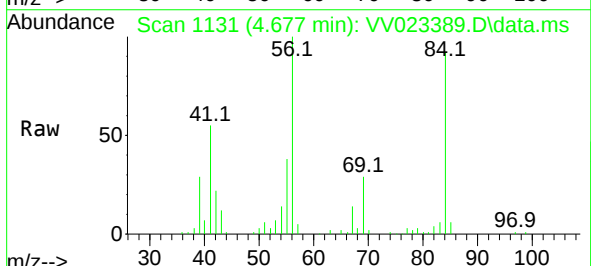
Tgt Ion: 56 Resp: 63149

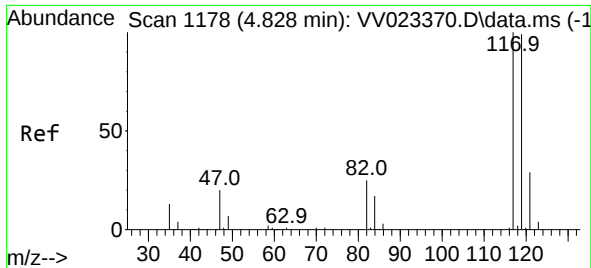
Ion Ratio Lower Upper

56 100

69 30.4 23.5 35.3

84 93.8 71.6 107.4

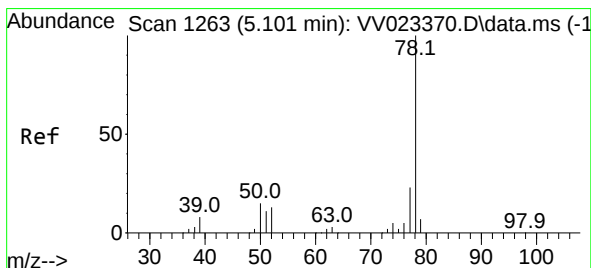
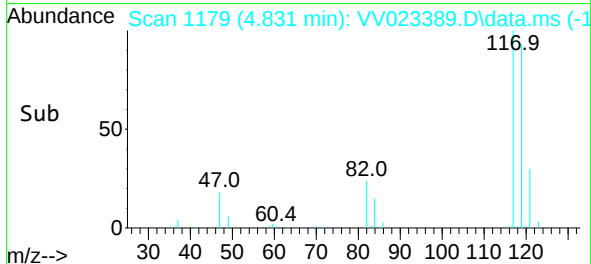
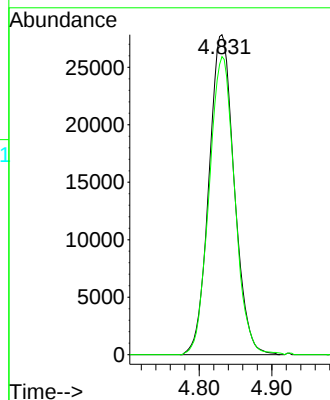
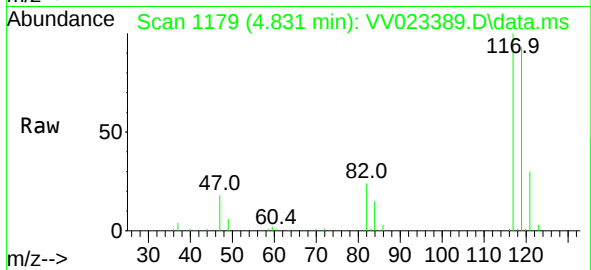




#31
Carbon tetrachloride
Concen: 5.090 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

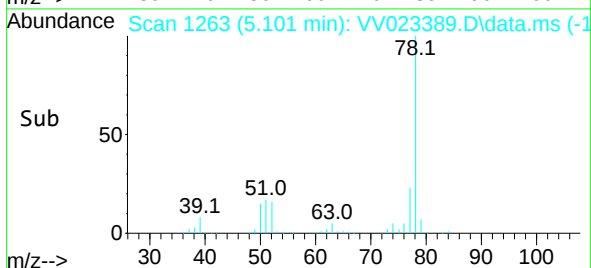
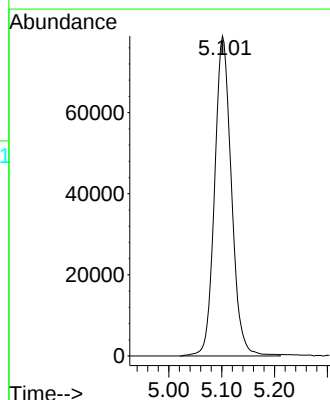
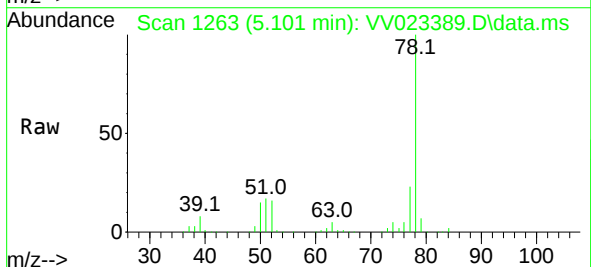
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

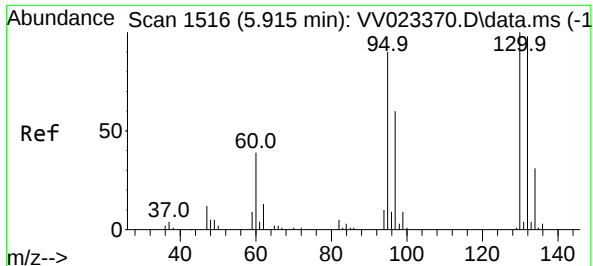
Tgt Ion:117 Resp: 67520
Ion Ratio Lower Upper
117 100
119 94.2 78.8 118.2



#33
Benzene
Concen: 5.133 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion: 78 Resp: 174490

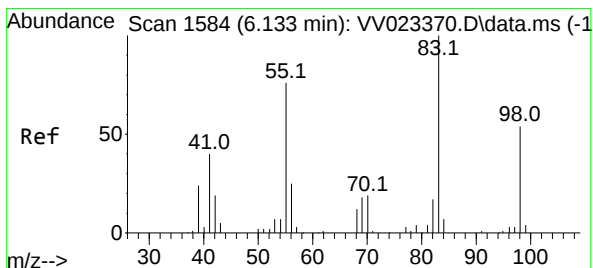
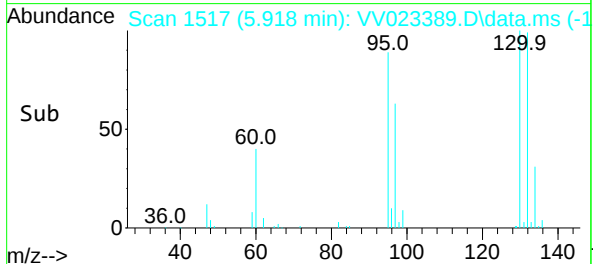
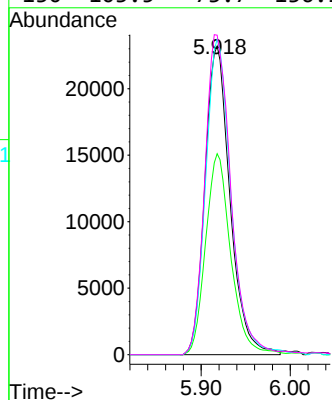
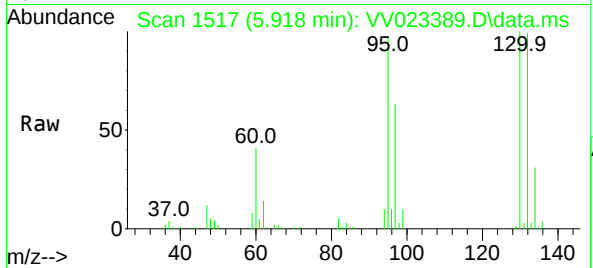




#34
Trichloroethene
Concen: 5.026 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

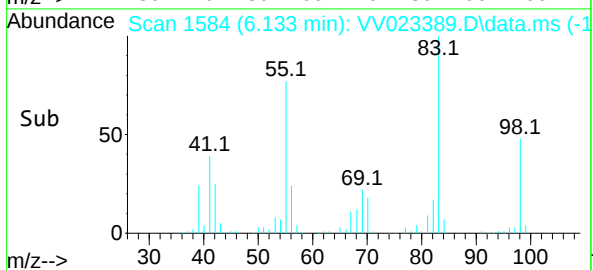
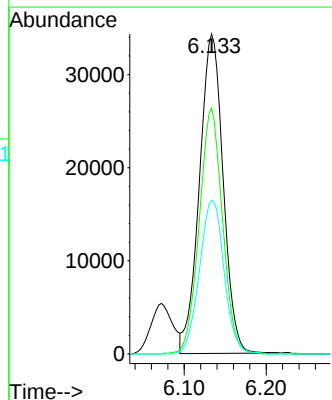
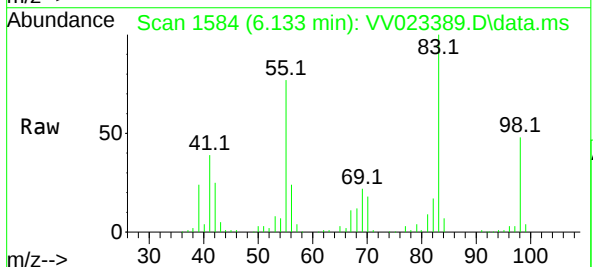
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

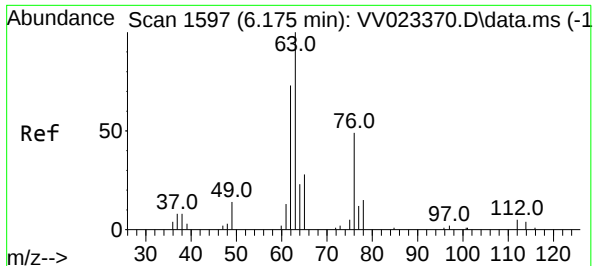
Tgt Ion: 95 Resp: 45433
Ion Ratio Lower Upper
95 100
97 65.1 45.0 83.6
132 102.2 69.7 129.4
130 103.5 73.7 136.9



#35
Methylcyclohexane
Concen: 4.820 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion: 83 Resp: 68762
Ion Ratio Lower Upper
83 100
55 75.7 62.8 94.2
98 50.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.224 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

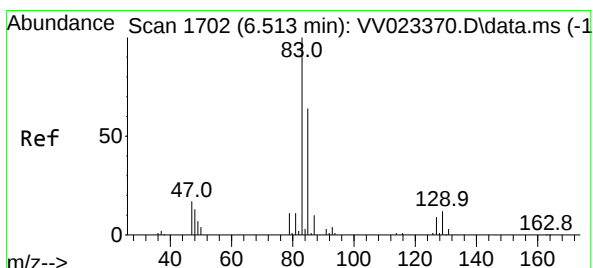
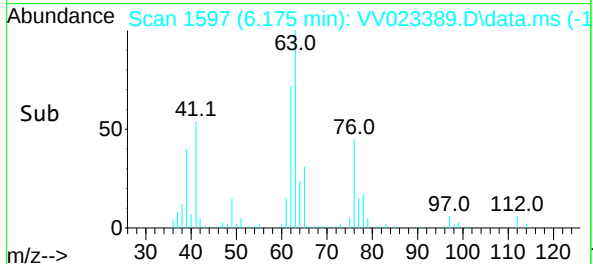
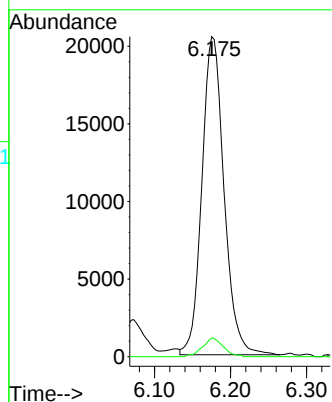
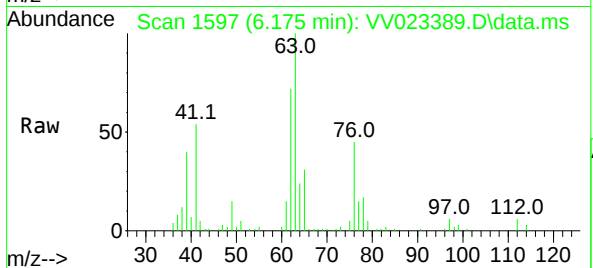
GB8J2MS

Tgt Ion: 63 Resp: 41454

Ion Ratio Lower Upper

63 100

112 5.5 4.6 6.8



#38

Bromodichloromethane

Concen: 5.265 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

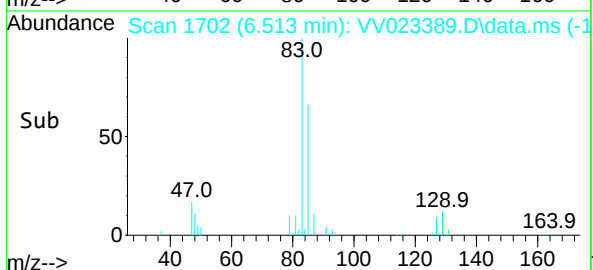
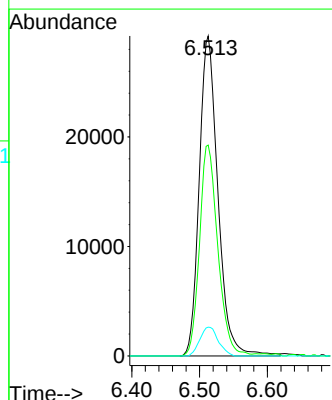
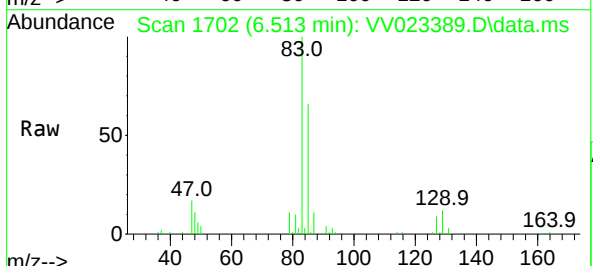
Tgt Ion: 83 Resp: 55984

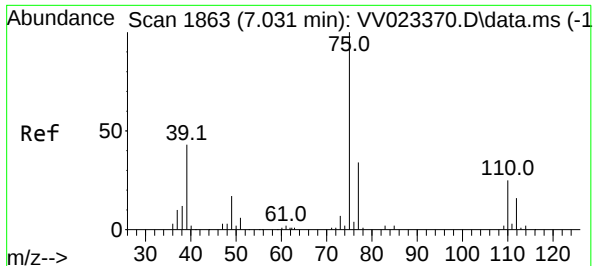
Ion Ratio Lower Upper

83 100

85 65.9 46.1 85.7

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.040 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

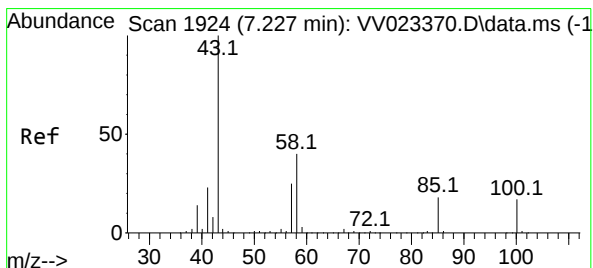
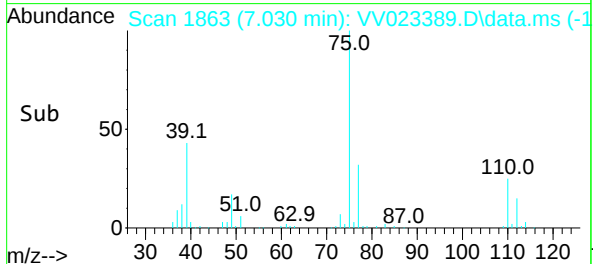
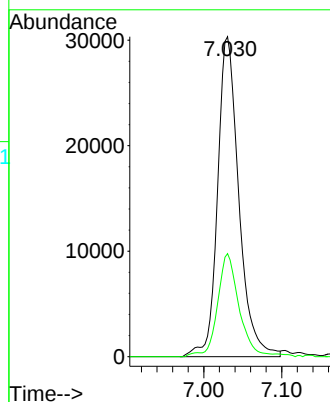
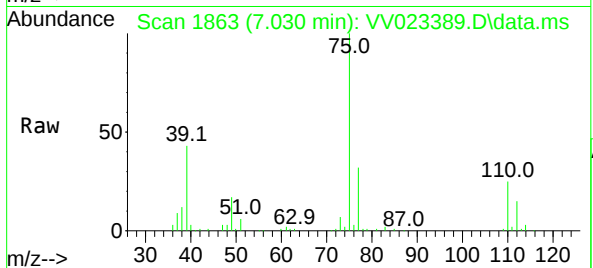
GB8J2MS

Tgt Ion: 75 Resp: 57527

Ion Ratio Lower Upper

75 100

77 32.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 62.081 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

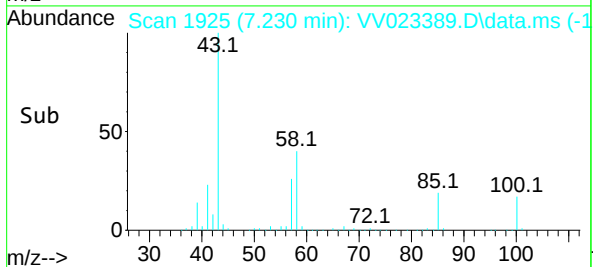
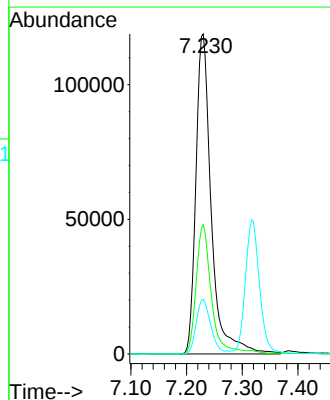
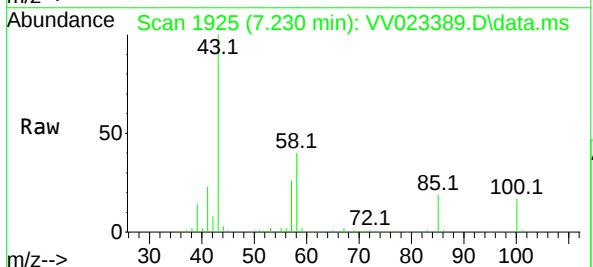
Tgt Ion: 43 Resp: 228479

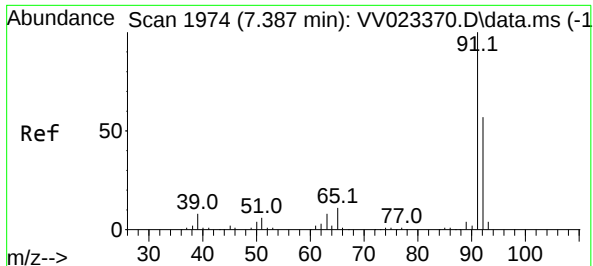
Ion Ratio Lower Upper

43 100

58 39.5 31.1 46.7

100 16.1 12.6 19.0





#42

Toluene

Concen: 5.242 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

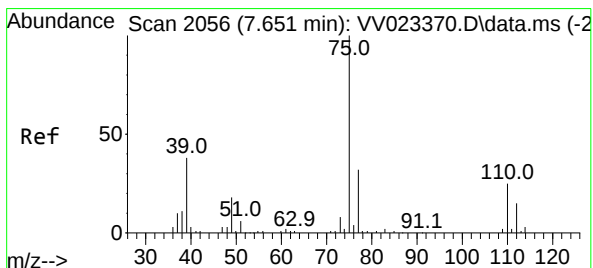
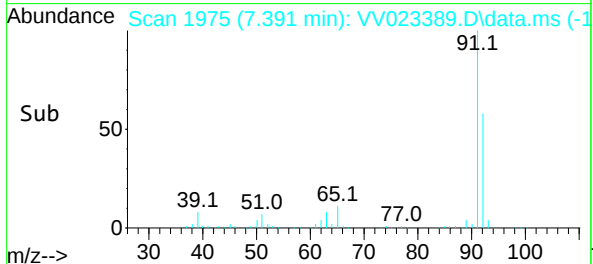
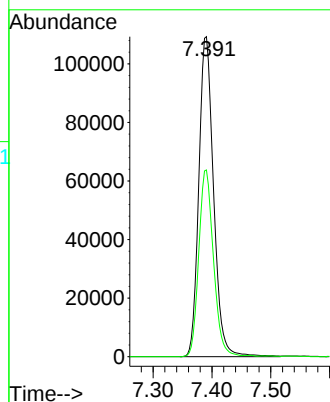
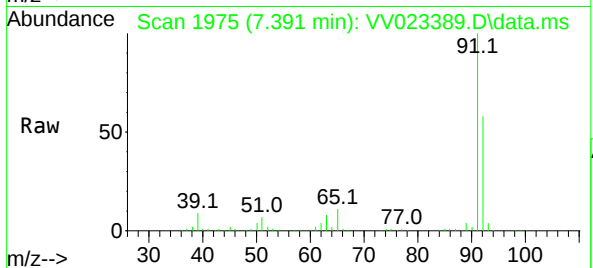
GB8J2MS

Tgt Ion: 91 Resp: 190567

Ion Ratio Lower Upper

91 100

92 58.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.443 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023389.D

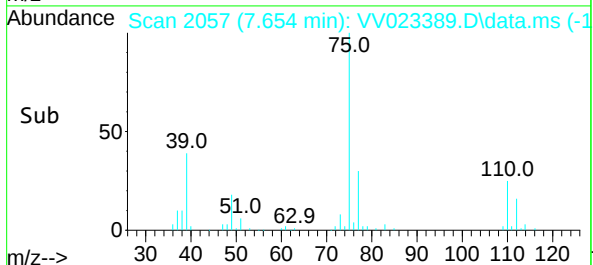
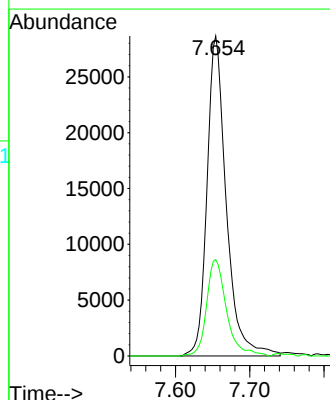
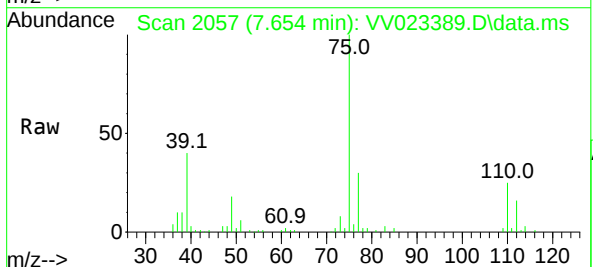
Acq: 11 Nov 2021 15:42

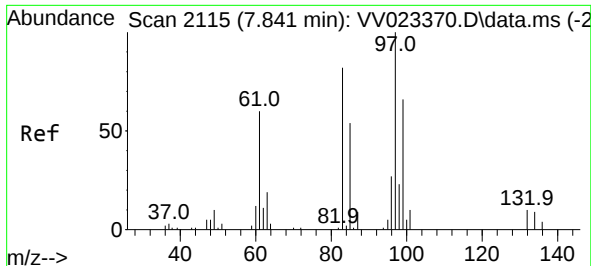
Tgt Ion: 75 Resp: 51542

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.262 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

GB8J2MS

Tgt Ion: 97 Resp: 29999

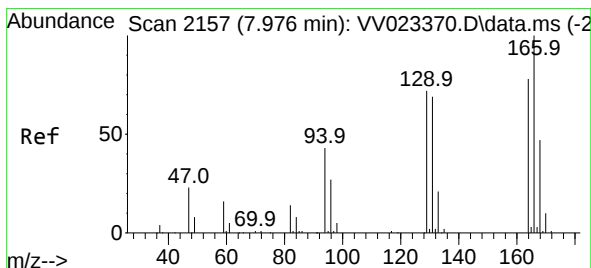
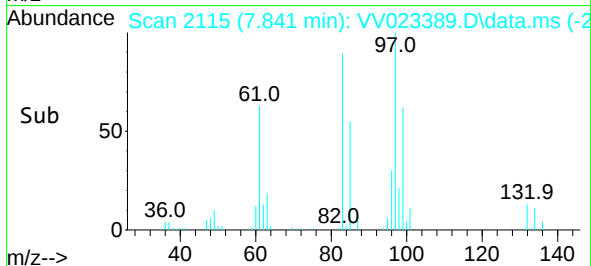
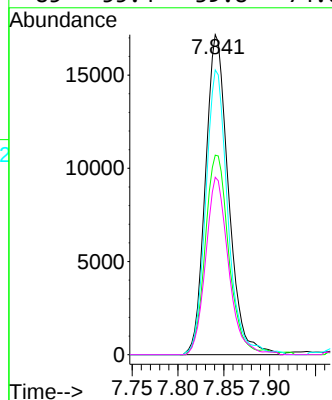
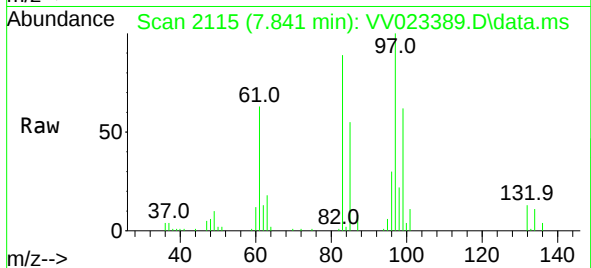
Ion Ratio Lower Upper

97 100

99 62.4 43.6 81.0

83 89.0 58.4 108.4

85 55.4 39.8 74.0



#47

Tetrachloroethene

Concen: 5.421 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Tgt Ion:164 Resp: 42470

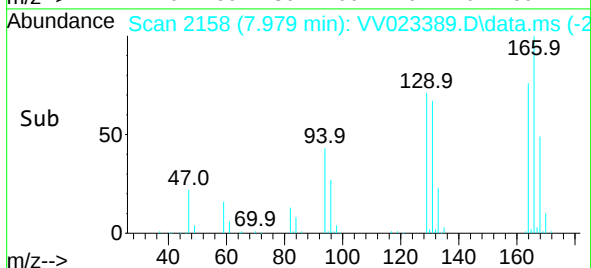
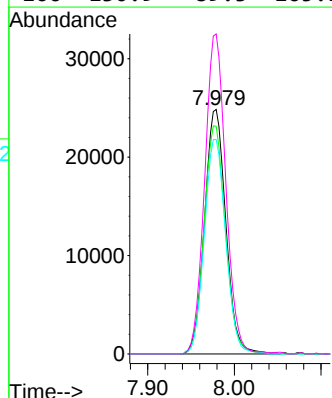
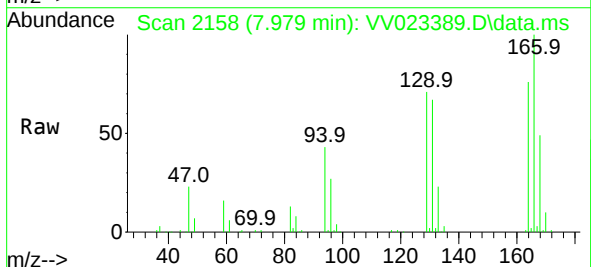
Ion Ratio Lower Upper

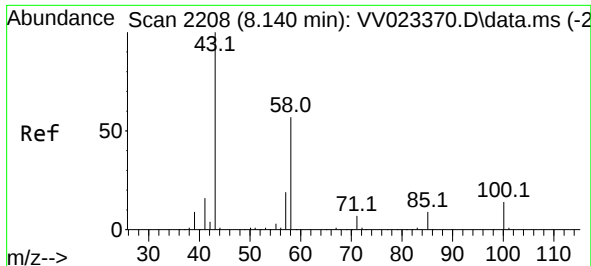
164 100

129 93.2 64.0 119.0

131 87.7 63.4 117.8

166 130.9 89.3 165.9

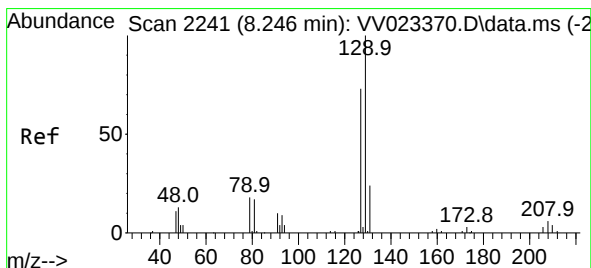
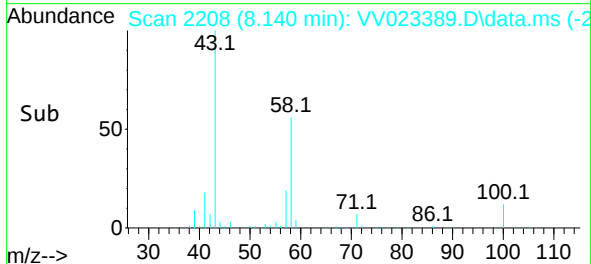
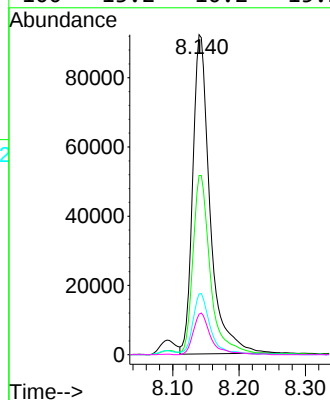
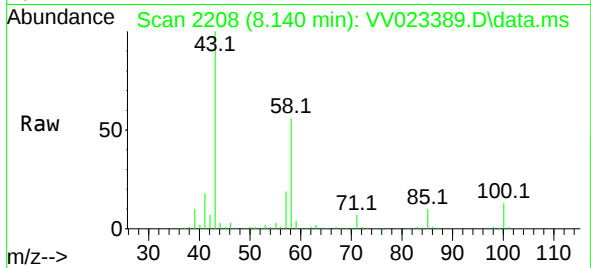




#48
2-Hexanone
Concen: 64.921 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

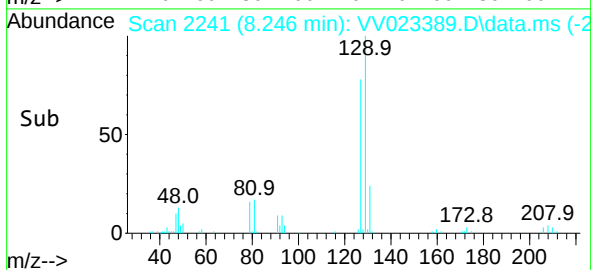
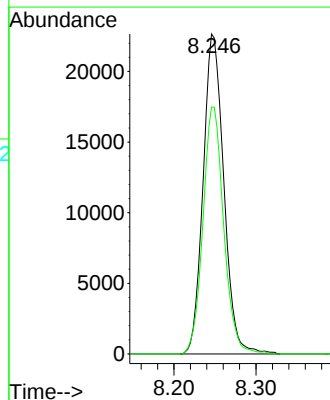
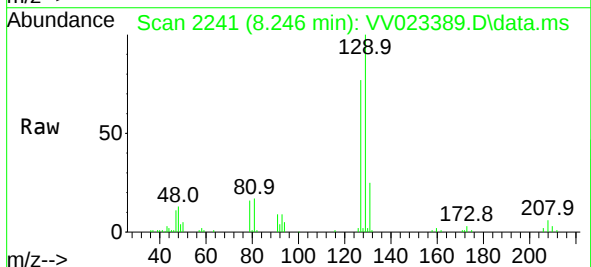
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

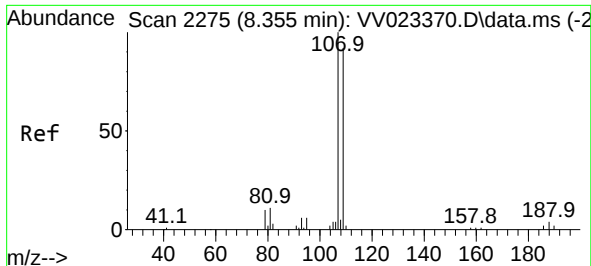
Tgt Ion: 43 Resp: 167422
Ion Ratio Lower Upper
43 100
58 55.2 43.7 65.5
57 18.9 14.1 21.1
100 13.2 10.2 15.2



#49
Dibromochloromethane
Concen: 5.488 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion: 129 Resp: 39647
Ion Ratio Lower Upper
129 100
127 77.2 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.457 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

GB8J2MS

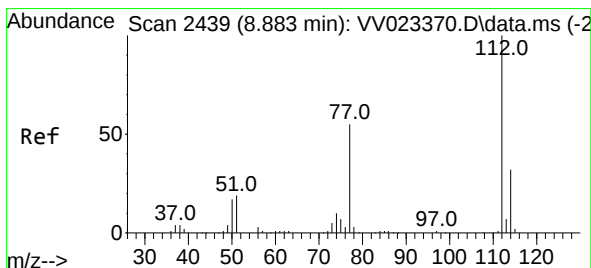
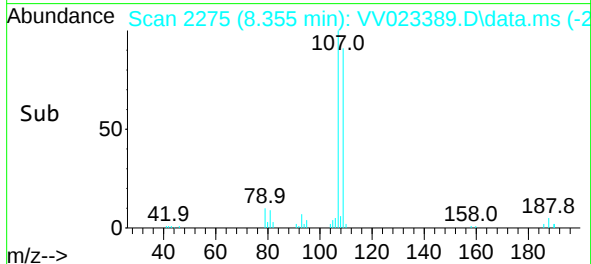
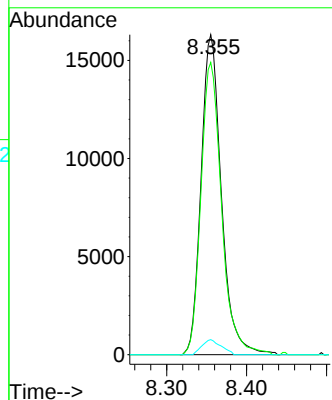
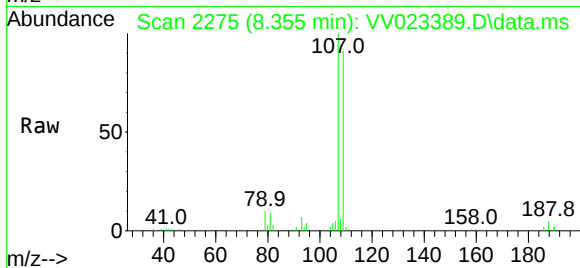
Tgt Ion:107 Resp: 28833

Ion Ratio Lower Upper

107 100

109 91.4 64.7 120.1

188 4.7 3.6 5.4



#51

Chlorobenzene

Concen: 5.011 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

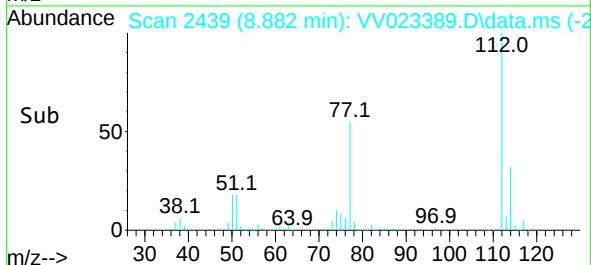
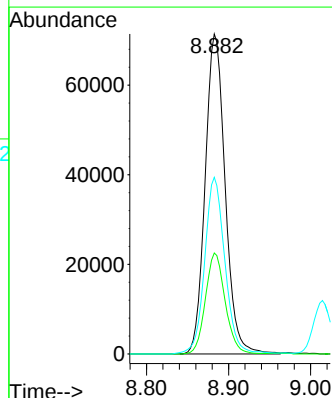
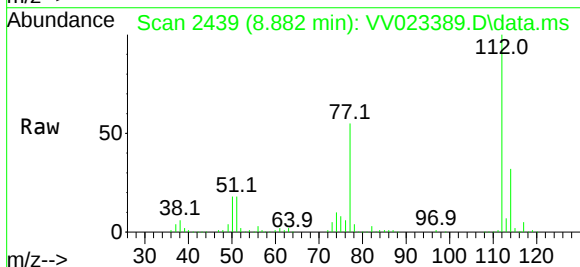
Tgt Ion:112 Resp: 121101

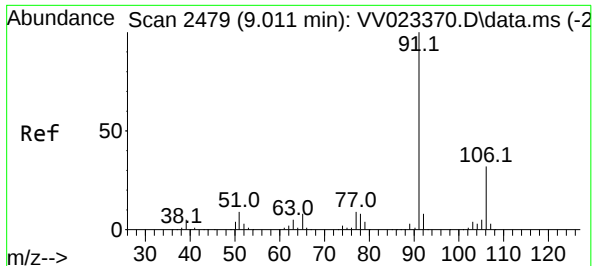
Ion Ratio Lower Upper

112 100

114 31.6 22.0 40.8

77 55.2 44.4 66.6





#52

Ethylbenzene

Concen: 5.011 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023389.D

Acq: 11 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

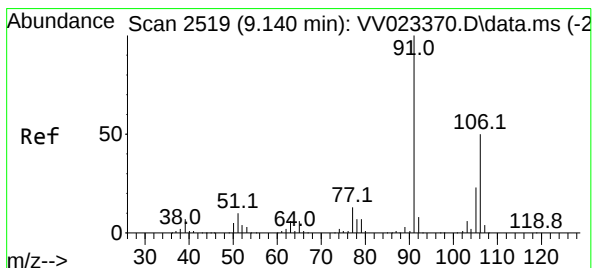
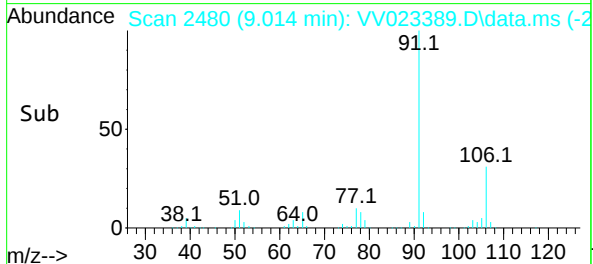
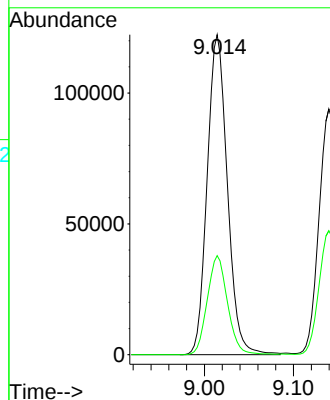
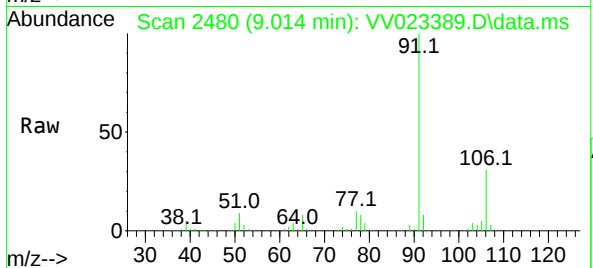
GB8J2MS

Tgt Ion: 91 Resp: 192152

Ion Ratio Lower Upper

91 100

106 31.0 22.5 41.9



#53

m,p-xylene

Concen: 5.075 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023389.D

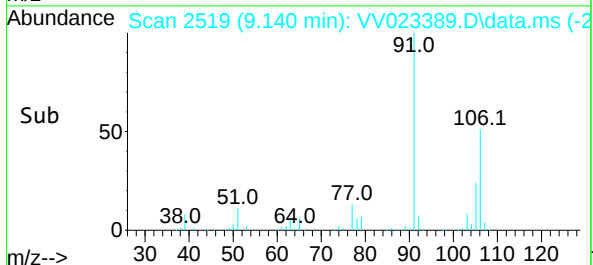
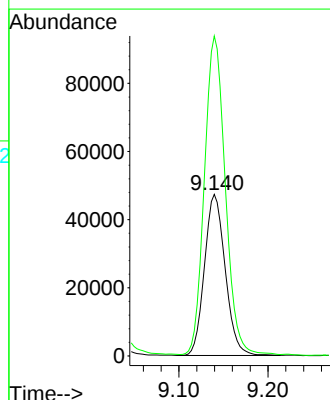
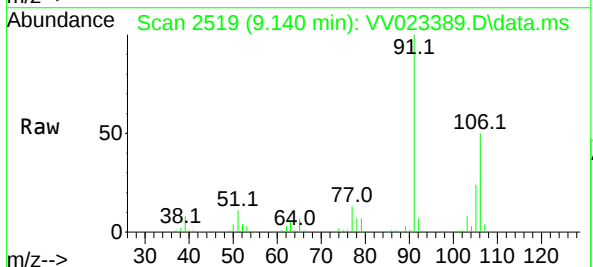
Acq: 11 Nov 2021 15:42

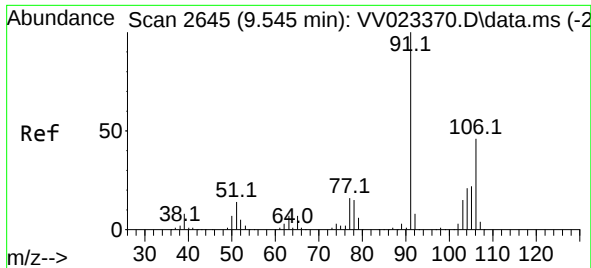
Tgt Ion: 106 Resp: 76364

Ion Ratio Lower Upper

106 100

91 198.0 137.2 254.8

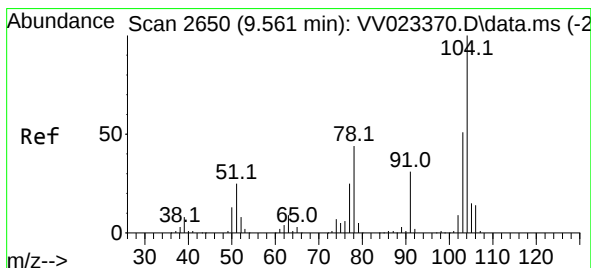
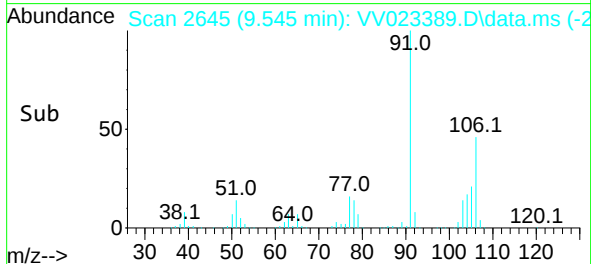
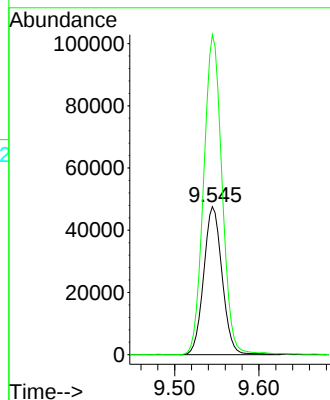
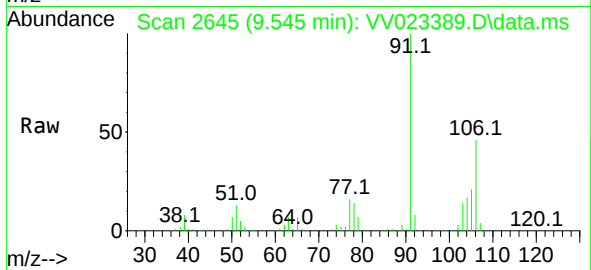




#54
o-xylene
Concen: 5.132 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

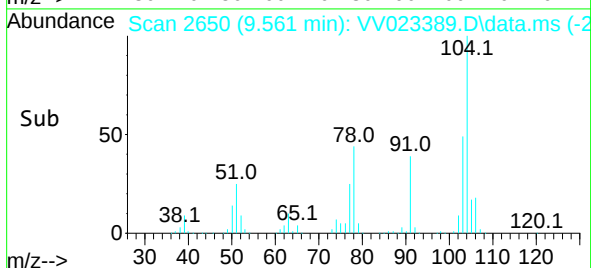
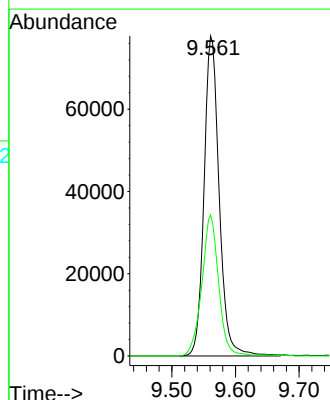
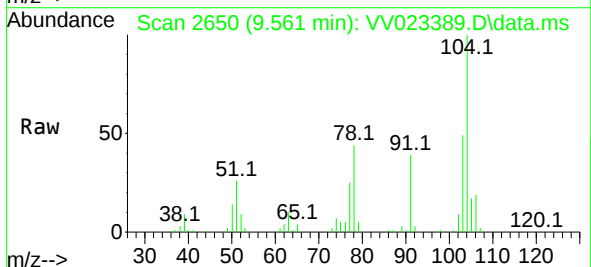
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

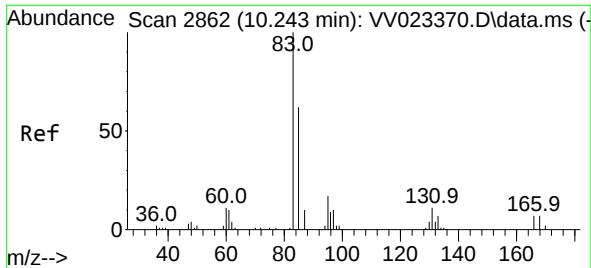
Tgt Ion:106 Resp: 72455
Ion Ratio Lower Upper
106 100
91 216.2 148.3 275.5



#55
Styrene
Concen: 5.315 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion:104 Resp: 128535
Ion Ratio Lower Upper
104 100
78 44.1 29.3 54.3

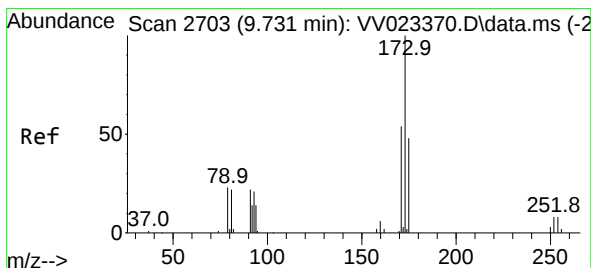
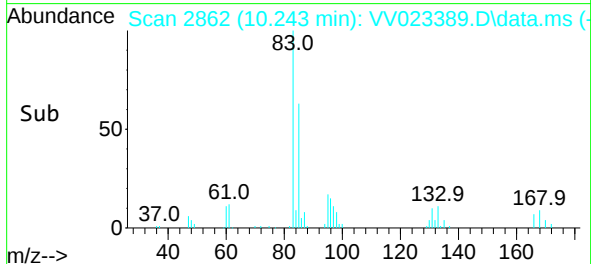
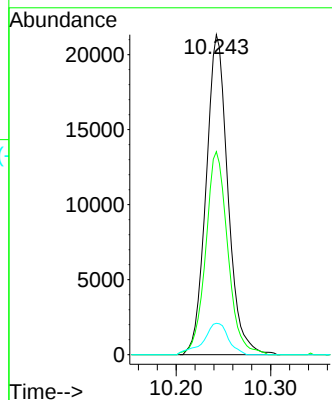
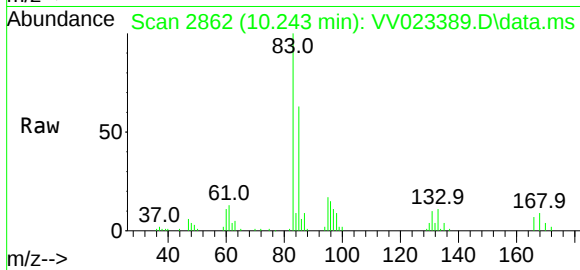




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.470 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

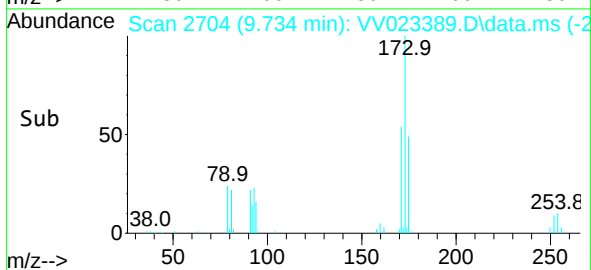
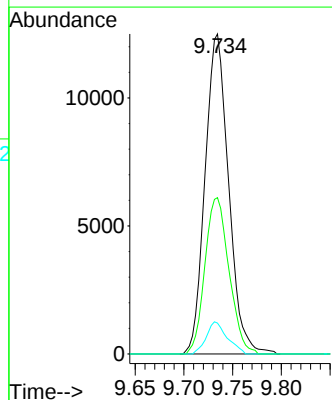
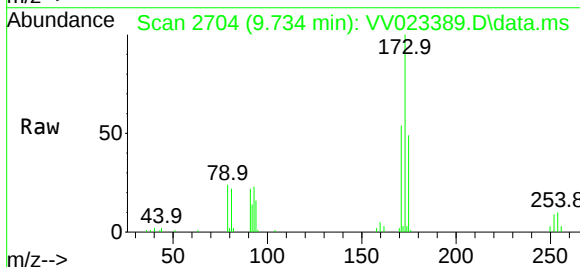
Instrument : MSVOA_V
 ClientSampleId : GB8J2MS

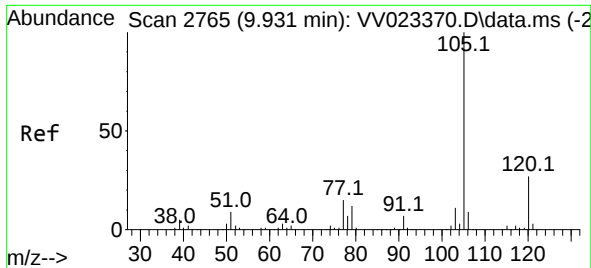
Tgt Ion:	83	Resp:	34169
Ion	Ratio	Lower	Upper
83	100		
85	63.5	45.1	83.9
131	9.8	7.8	11.6



#59
 Bromoform
 Concen: 5.303 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

Tgt Ion:	173	Resp:	21021
Ion	Ratio	Lower	Upper
173	100		
175	50.0	38.2	57.2
254	8.9	6.2	9.2

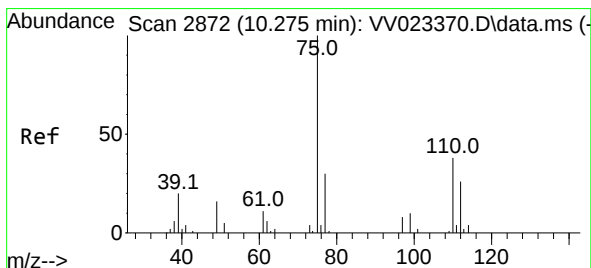
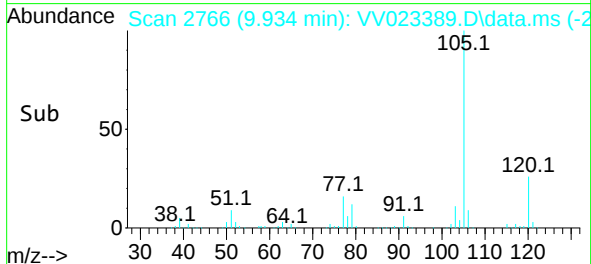
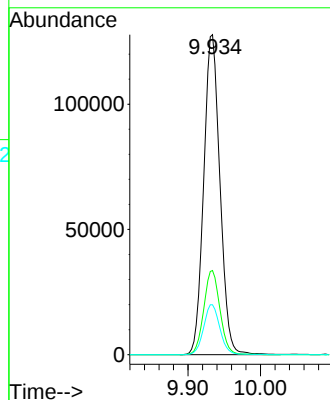
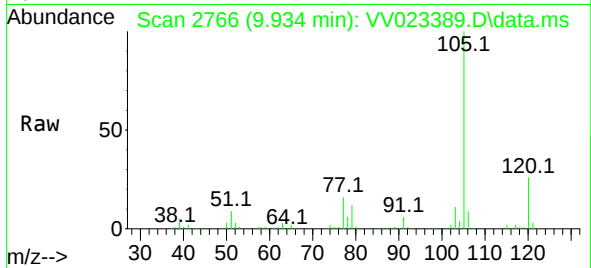




#60
Isopropylbenzene
Concen: 5.225 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

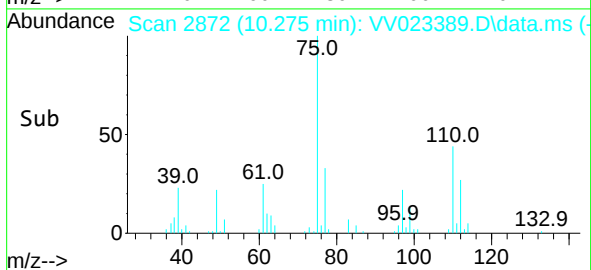
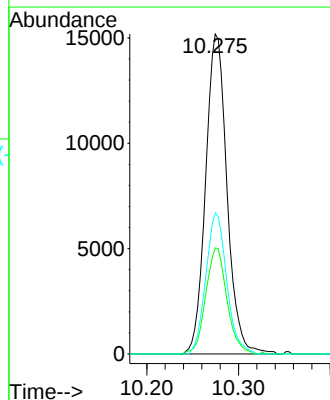
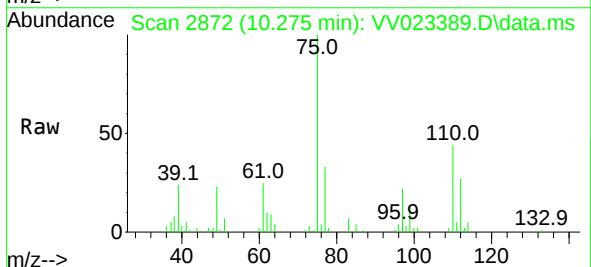
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

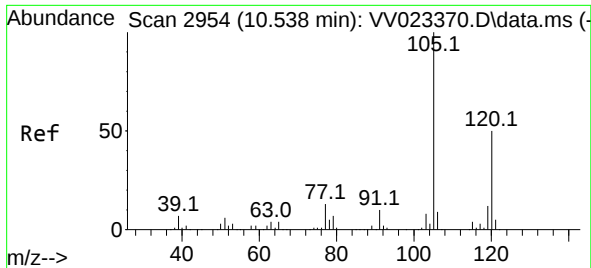
Tgt Ion:105 Resp: 198971
Ion Ratio Lower Upper
105 100
120 26.3 21.7 32.5
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.584 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion: 75 Resp: 24615
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 42.9 31.8 47.6

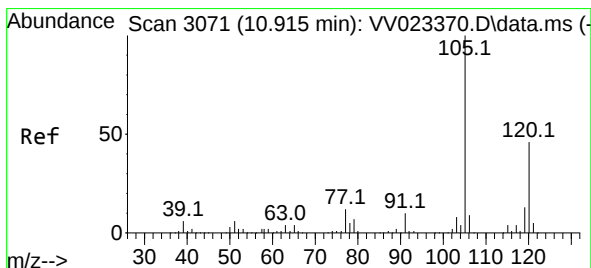
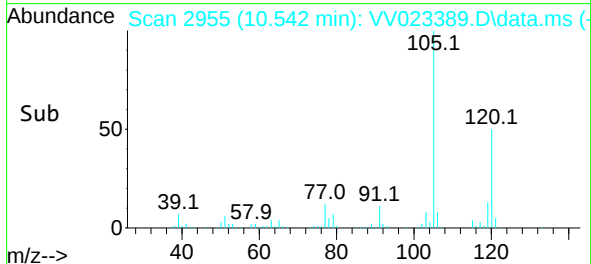
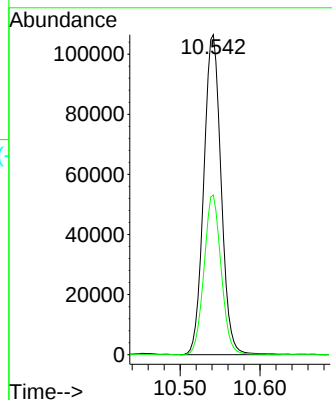
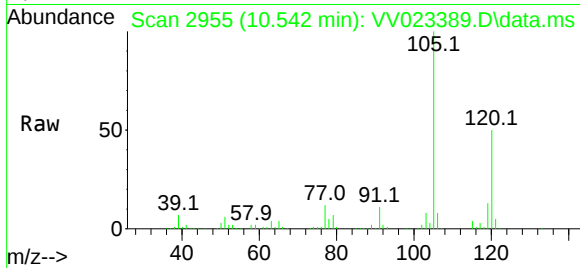




#62
1,3,5-Trimethylbenzene
Concen: 5.095 ug/L
RT: 10.542 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

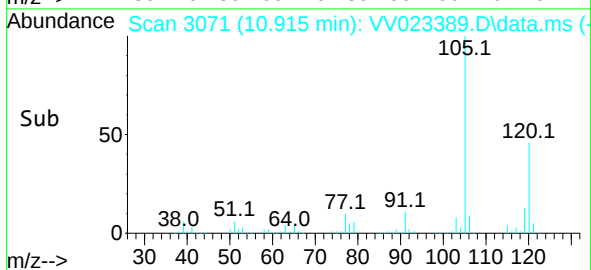
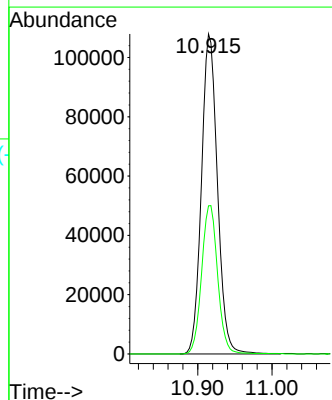
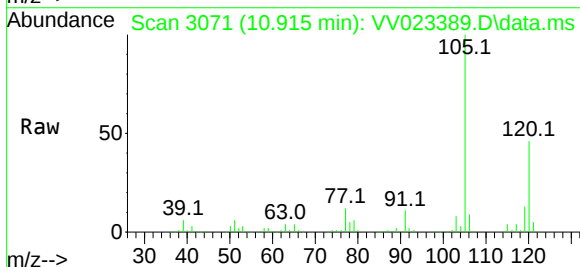
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

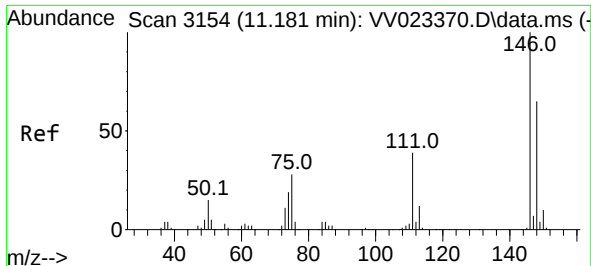
Tgt Ion:105 Resp: 160887
Ion Ratio Lower Upper
105 100
120 49.4 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.140 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion:105 Resp: 161539
Ion Ratio Lower Upper
105 100
120 46.5 37.4 56.2

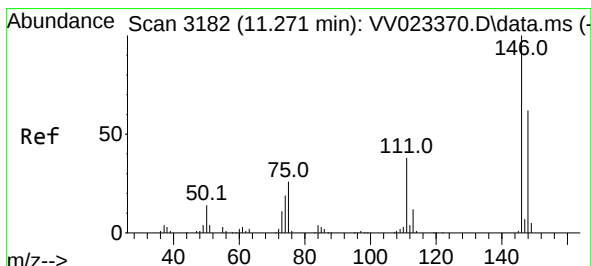
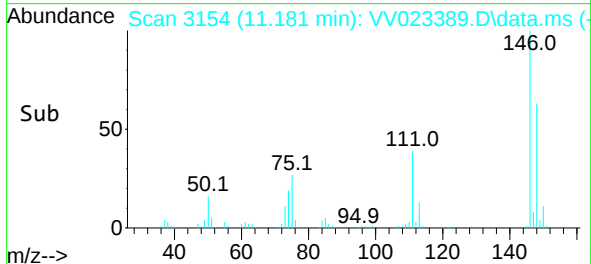
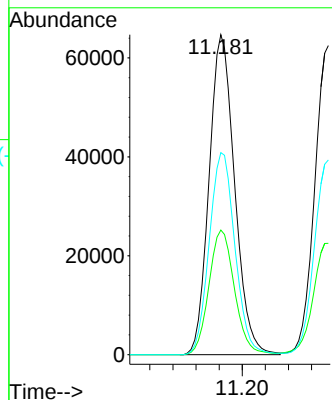
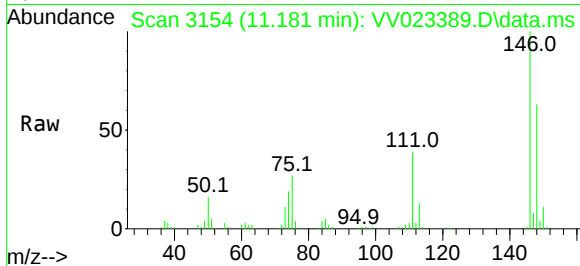




#64
1,3-Dichlorobenzene
Concen: 5.103 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

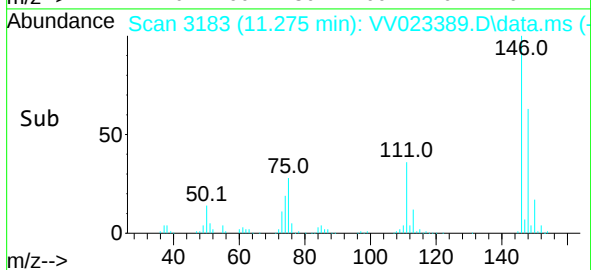
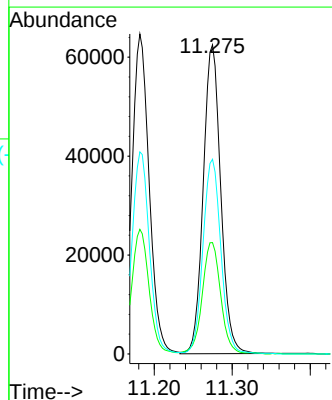
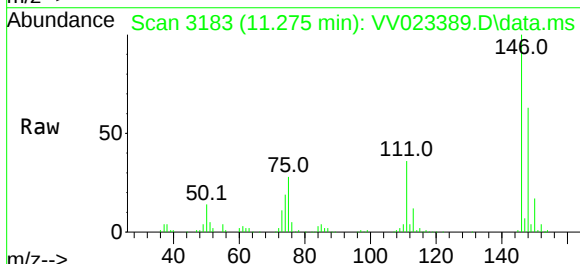
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

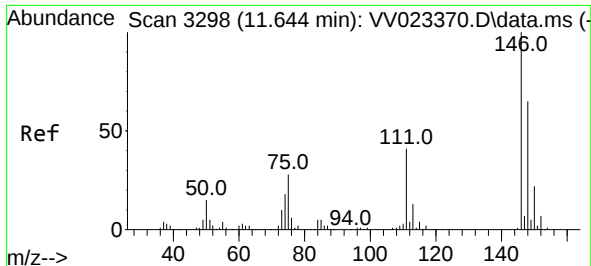
Tgt Ion:146 Resp: 99294
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 63.2 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.902 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion:146 Resp: 97401
Ion Ratio Lower Upper
146 100
111 36.0 26.2 48.8
148 63.0 44.4 82.5

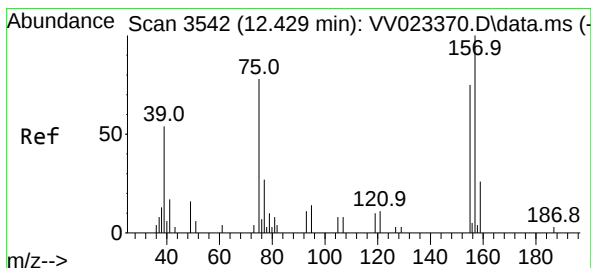
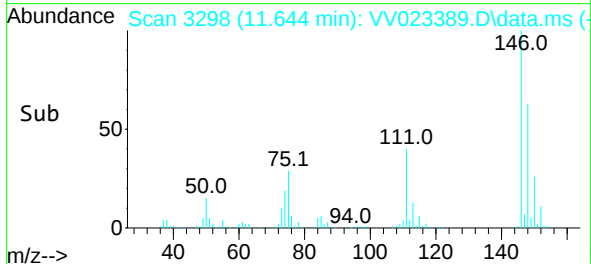
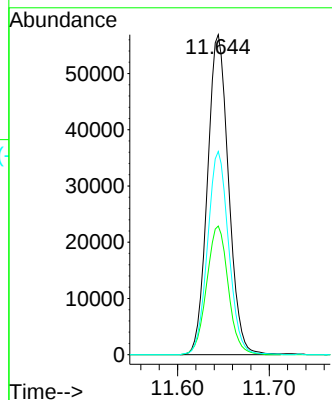
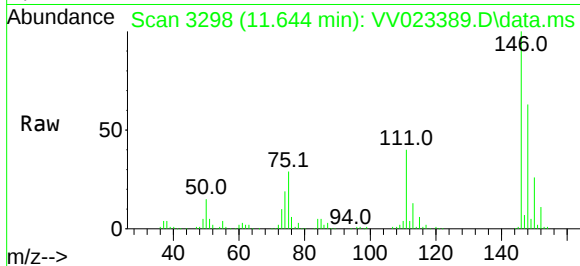




#67
1,2-Dichlorobenzene
Concen: 5.231 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

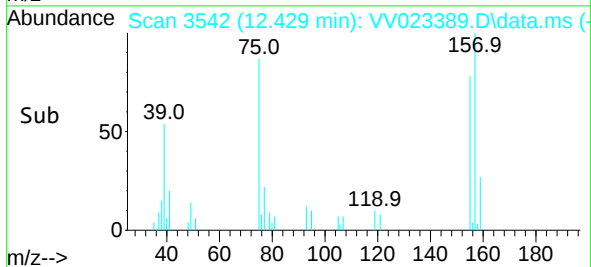
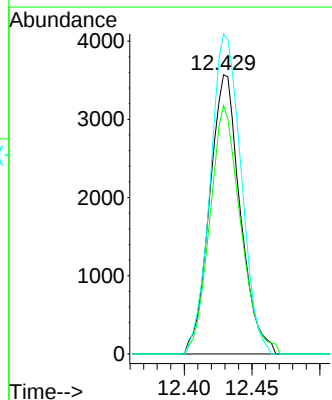
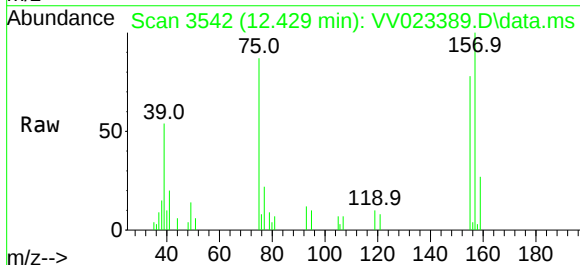
Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

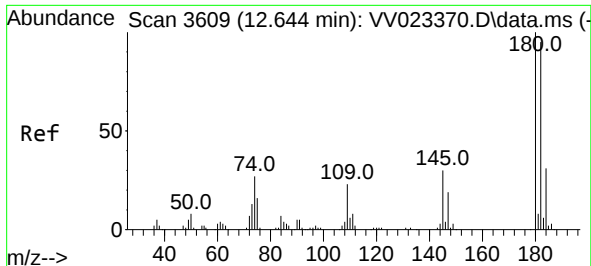
Tgt Ion:146 Resp: 91079
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 63.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.975 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion: 75 Resp: 5612
Ion Ratio Lower Upper
75 100
155 89.0 67.7 101.5
157 114.6 87.9 131.9

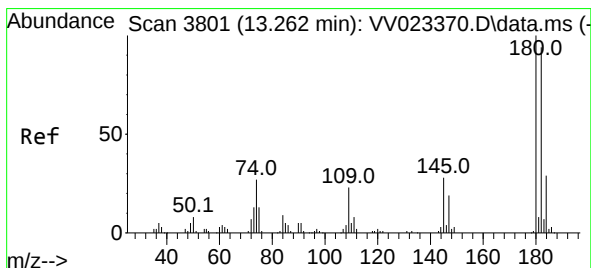
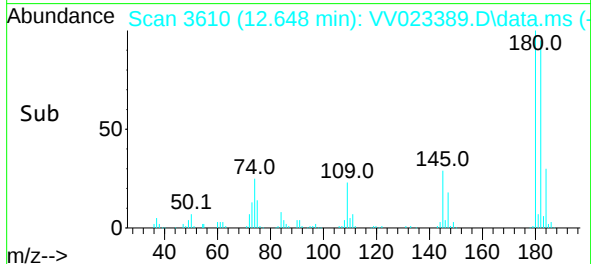
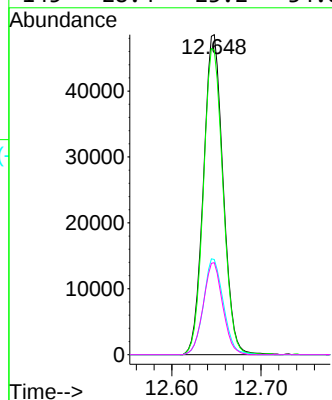
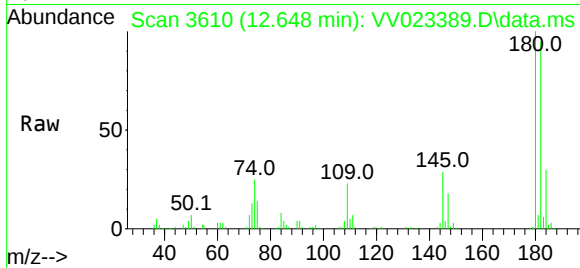




#69
 1,3,5-Trichlorobenzene
 Concen: 4.882 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

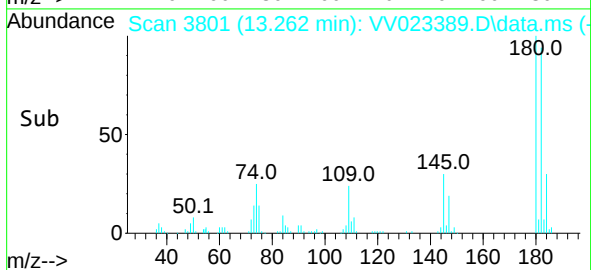
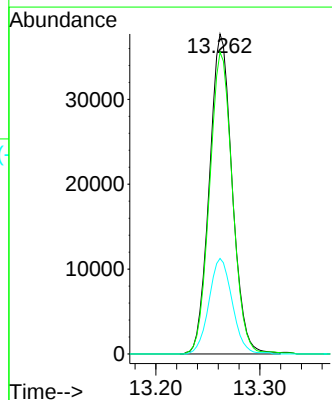
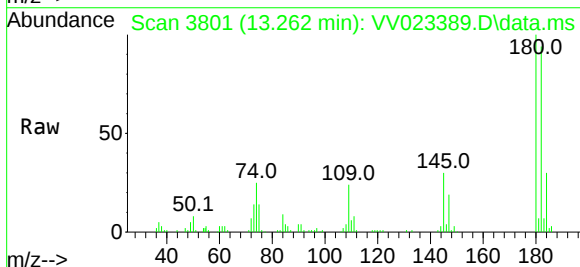
Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J2MS

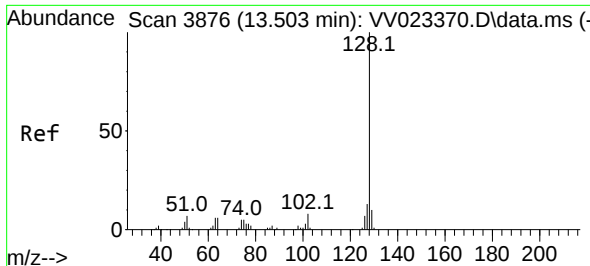
Tgt Ion:180 Resp: 74372
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.9 112.3
 184 30.2 23.8 35.8
 145 28.4 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.699 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023389.D
 Acq: 11 Nov 2021 15:42

Tgt Ion:180 Resp: 57329
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.9 115.3
 145 30.5 24.4 36.6

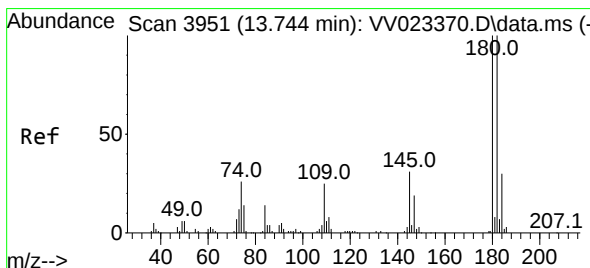
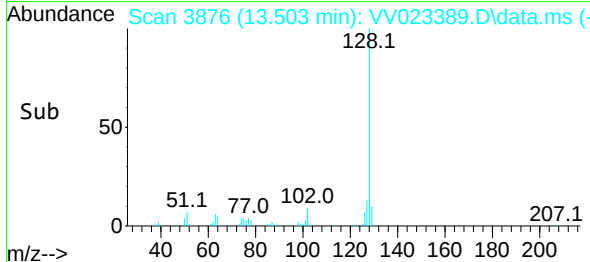
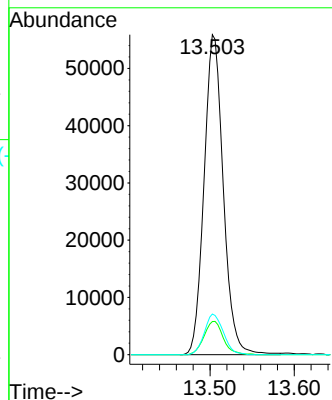
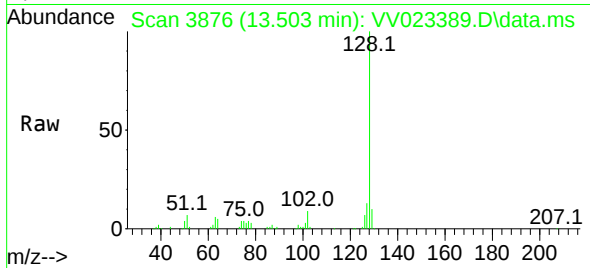




#71
Naphthalene
Concen: 4.942 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
GB8J2MS

Tgt Ion:128 Resp: 88894
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.5 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.974 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023389.D
Acq: 11 Nov 2021 15:42

Tgt Ion:180 Resp: 53097
Ion Ratio Lower Upper
180 100
182 97.2 76.7 115.1
145 33.2 25.7 38.5

