

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024000.D
 Acq On : 16 Dec 2021 09:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 01:59:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	107327	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	113214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27046	4.688	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.564	69	22107	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.108	63	60716	5.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	3.905	46	35748	31.713	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.420%
24) Chloroform-d	4.346	84	60658	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.030	65	26803	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.047	84	111665	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.066	67	32309	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.313	98	112855	5.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	7.622	79	12941	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	45695	36.370	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	23342	4.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	41959	4.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	49342	5.282	ug/L	99
3) Chloromethane	1.240	50	39713	4.976	ug/L	97
5) Vinyl chloride	1.310	62	44933	5.190	ug/L	97
6) Bromomethane	1.519	94	28108	5.109	ug/L	93
8) Chloroethane	1.584	64	28917	5.134	ug/L	95
9) Trichlorofluoromethane	1.751	101	84537	5.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44120	5.569	ug/L	98
12) 1,1-Dichloroethene	2.117	96	39171	5.440	ug/L	93
13) Acetone	2.191	43	44245	49.061	ug/L	86
14) Carbon disulfide	2.291	76	102616	4.913	ug/L	99
15) Methyl Acetate	2.439	43	10684	4.888	ug/L	96
16) Methylene chloride	2.506	84	44821	4.758	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	85037	5.222	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	41721	5.234	ug/L	95
19) 1,1-Dichloroethane	3.185	63	76536	5.350	ug/L	99
21) 2-Butanone	3.985	43	60003	46.566	ug/L	80
22) cis-1,2-Dichloroethene	3.905	96	43064	5.104	ug/L	94
23) Bromochloromethane	4.246	128	21695	5.658	ug/L #	90
25) Chloroform	4.371	83	87527	5.504	ug/L	99

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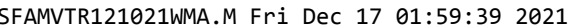
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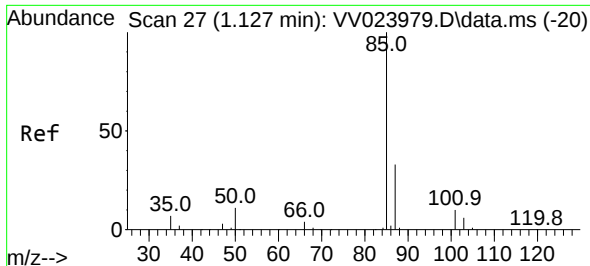
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	48438	5.622	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	81910	5.530	ug/L	99
30) Cyclohexane	4.674	56	57060	4.857	ug/L	99
31) Carbon tetrachloride	4.825	117	74994	5.386	ug/L	98
33) Benzene	5.095	78	171881	5.367	ug/L	100
34) Trichloroethene	5.911	95	46981	5.201	ug/L	97
35) Methylcyclohexane	6.130	83	66535	5.004	ug/L	99
37) 1,2-Dichloropropane	6.172	63	41949	5.511	ug/L	99
38) Bromodichloromethane	6.506	83	59795	5.545	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	58214	5.151	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	207373	56.710	ug/L	99
42) Toluene	7.384	91	199131	5.525	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	50577	5.178	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	31650	5.620	ug/L	99
47) Tetrachloroethene	7.972	164	41813	5.257	ug/L	96
48) 2-Hexanone	8.140	43	157500	59.401	ug/L	97
49) Dibromochloromethane	8.246	129	41162	5.372	ug/L	100
50) 1,2-Dibromoethane	8.352	107	28578	5.466	ug/L	93
51) Chlorobenzene	8.879	112	129739	5.385	ug/L	98
52) Ethylbenzene	9.011	91	205112	5.393	ug/L	100
53) m,p-xylene	9.136	106	83942	5.581	ug/L	97
54) o-xylene	9.542	106	78910	5.425	ug/L	100
55) Styrene	9.558	104	139291	5.753	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	32482	5.267	ug/L	99
59) Bromoform	9.731	173	22668	5.201	ug/L	99
60) Isopropylbenzene	9.931	105	216403	5.427	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24815	5.364	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	173905	5.258	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	176140	5.345	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	111294	5.457	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	110028	5.372	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	101481	5.432	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5400	5.344	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	87110	5.194	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	64417	4.890	ug/L	97
71) Naphthalene	13.500	128	90915	4.802	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	58045	4.991	ug/L	98

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

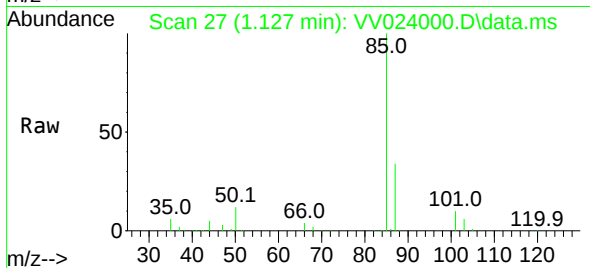
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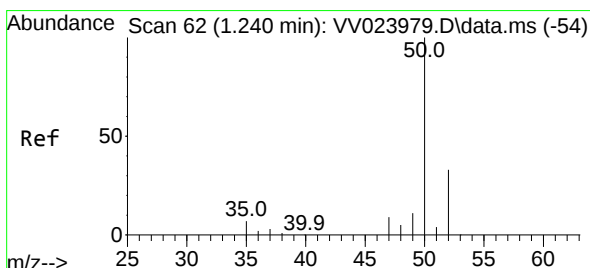
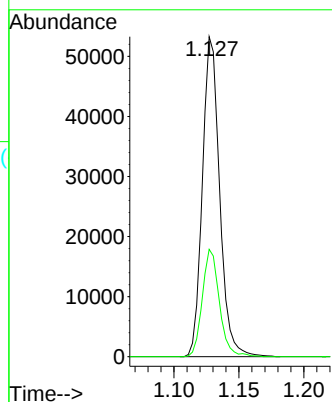
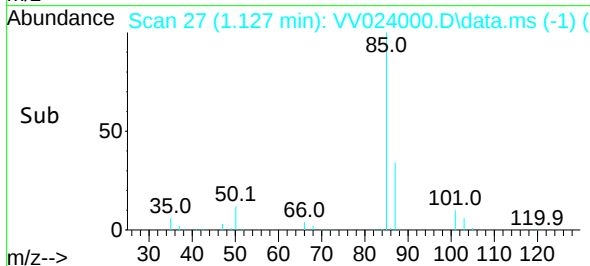


#2
 Dichlorodifluoromethane
 Concen: 5.282 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

Instrument :
 MSVOA_V
 ClientSampleId :

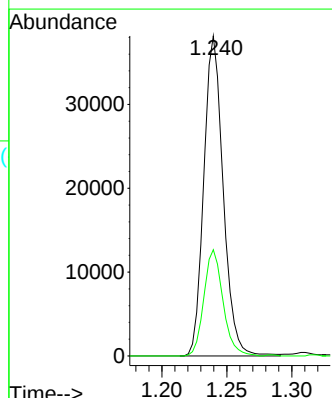
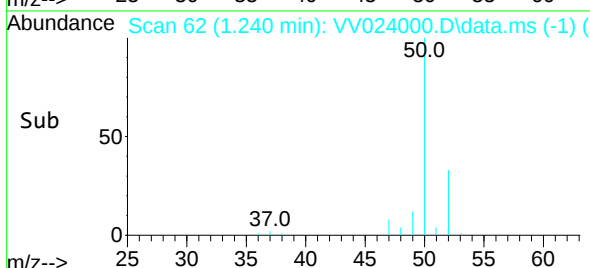
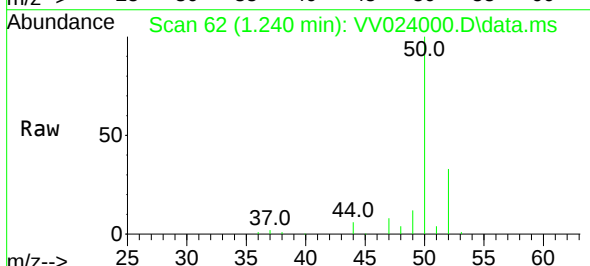


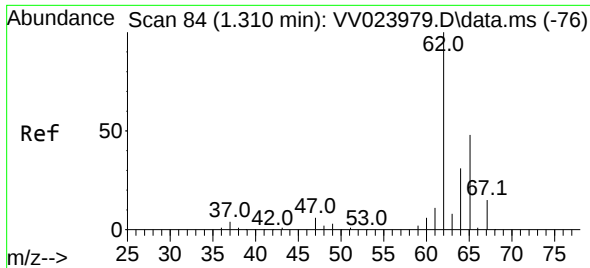
Tgt Ion: 85 Resp: 49342
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.976 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

Tgt Ion: 50 Resp: 39713
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 41.0

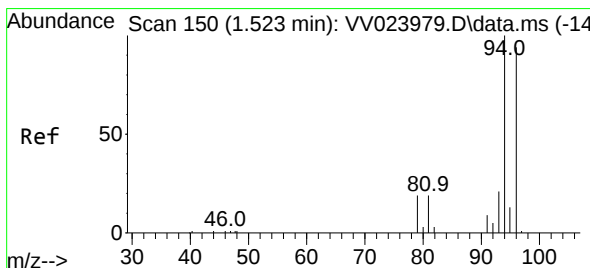
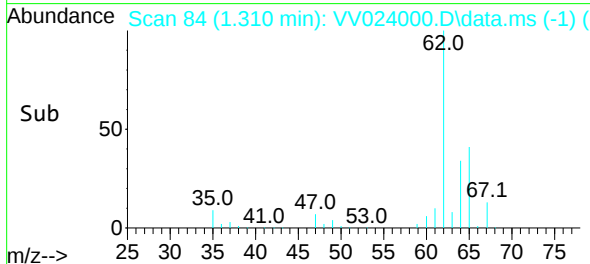
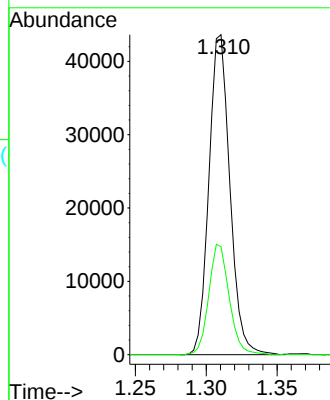
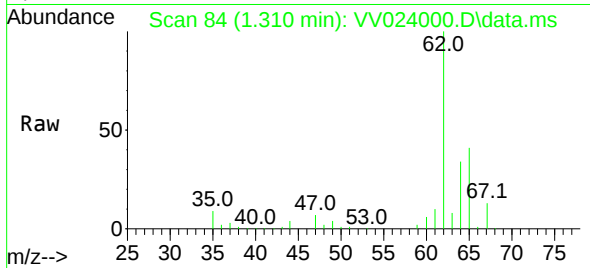




#5
 Vinyl chloride
 Concen: 5.190 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

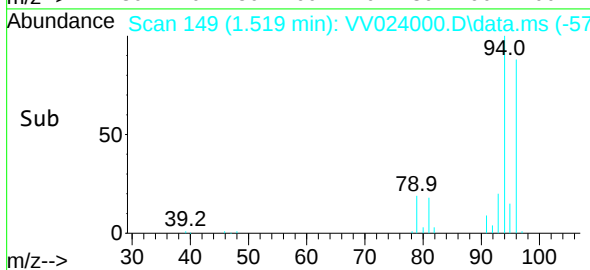
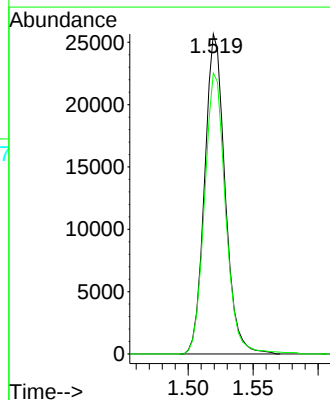
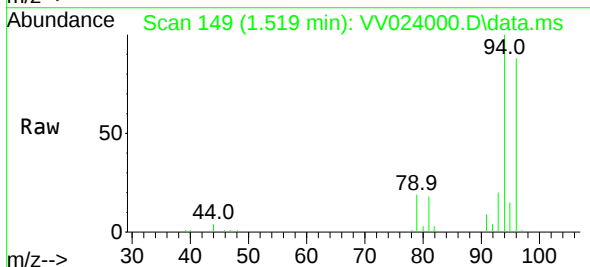
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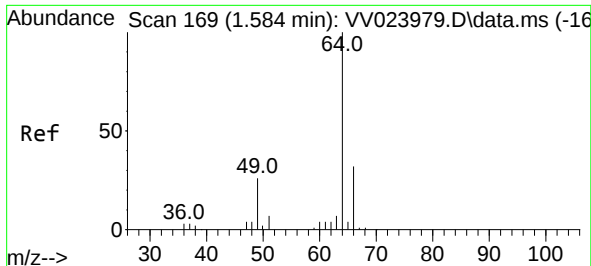
Tgt Ion: 62 Resp: 44933
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.4 41.6



#6
 Bromomethane
 Concen: 5.109 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

Tgt Ion: 94 Resp: 28108
 Ion Ratio Lower Upper
 94 100
 96 87.8 66.2 123.0

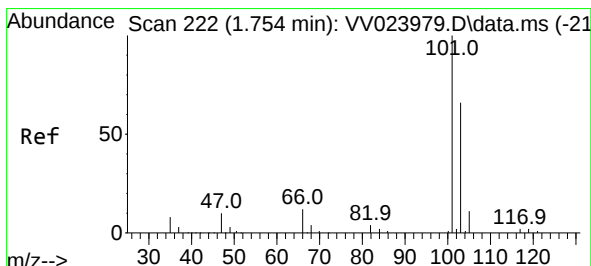
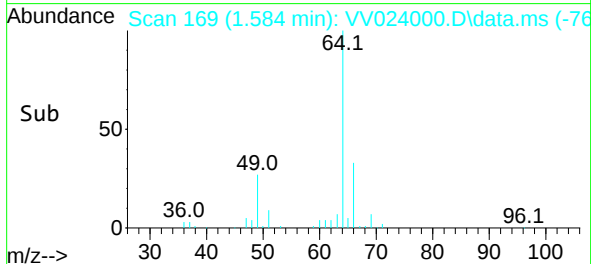
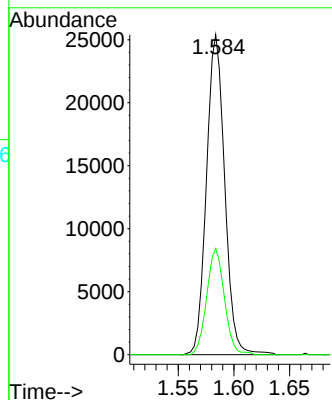
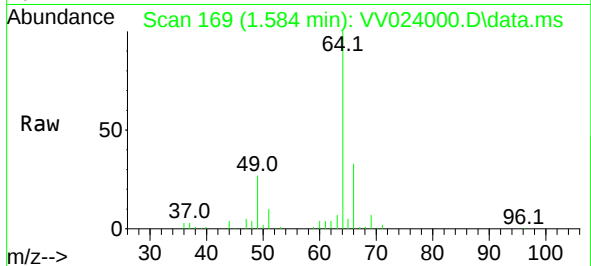




#8
Chloroethane
Concen: 5.134 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

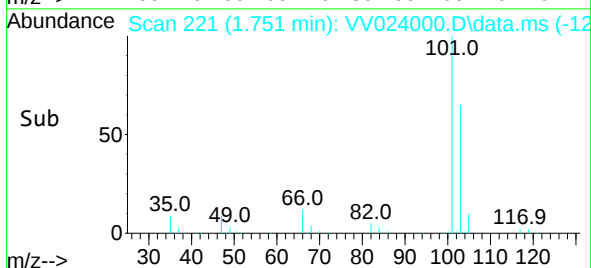
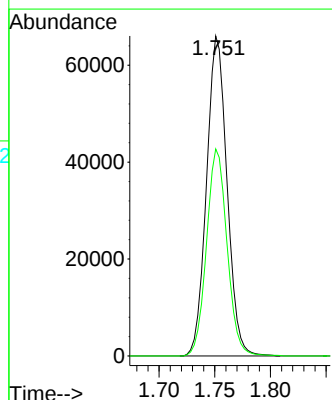
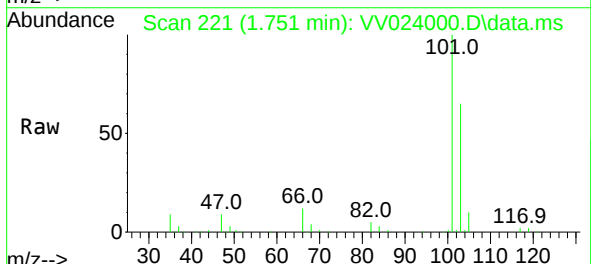
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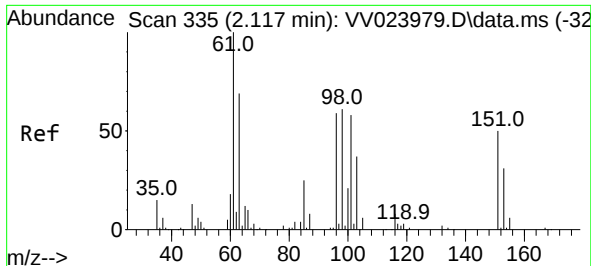
Tgt Ion: 64 Resp: 28917
Ion Ratio Lower Upper
64 100
66 33.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.620 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion:101 Resp: 84537
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

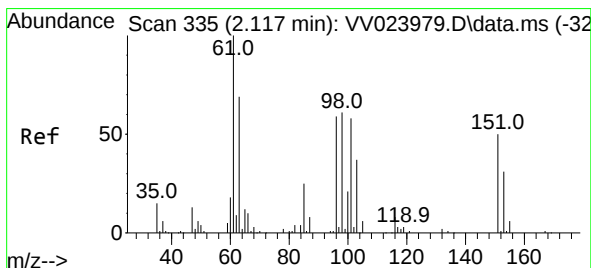
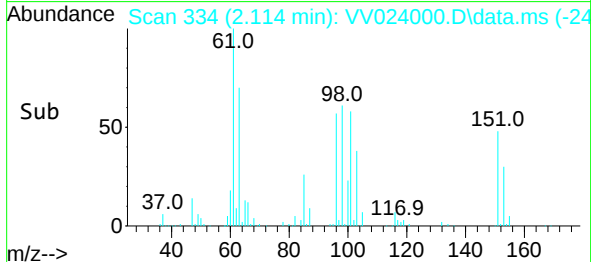
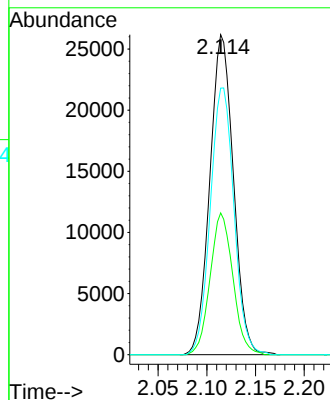
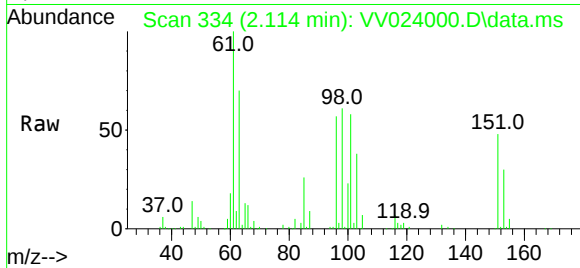




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.569 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

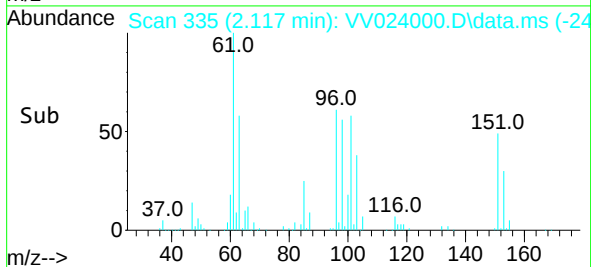
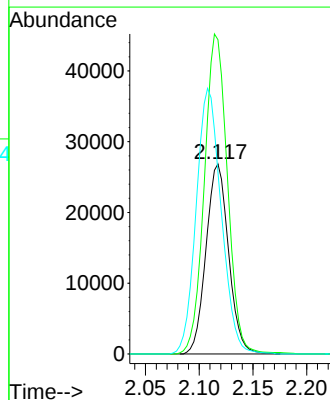
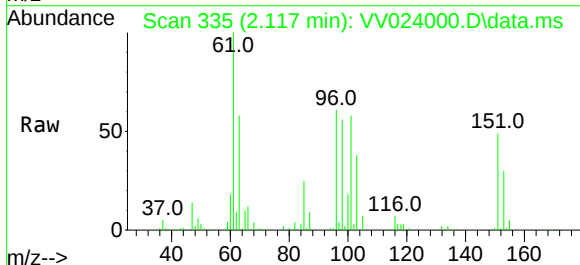
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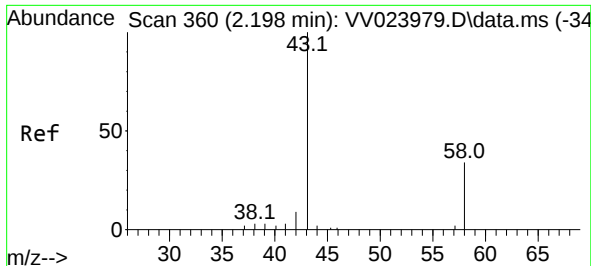
Tgt Ion:101 Resp: 44120
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.0 54.0
 151 83.6 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.440 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

Tgt Ion: 96 Resp: 39171
 Ion Ratio Lower Upper
 96 100
 61 165.3 116.1 215.5
 63 95.5 79.4 147.4





#13

Acetone

Concen: 49.061 ug/L

RT: 2.191 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

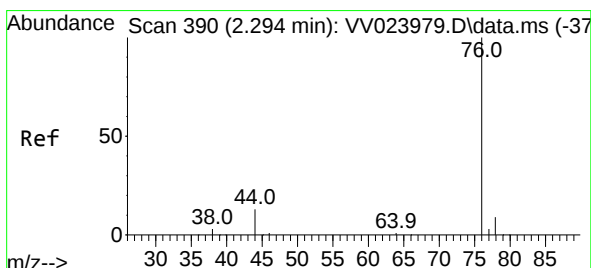
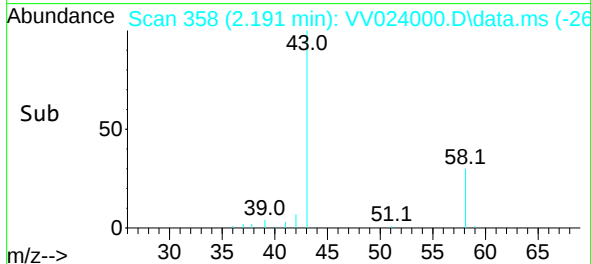
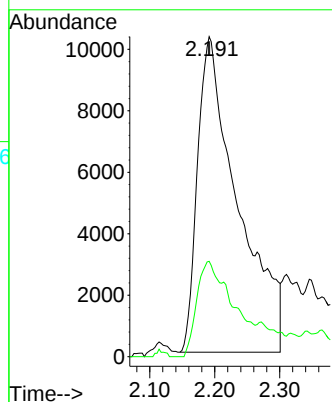
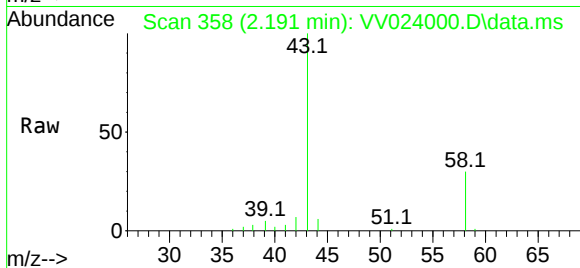
ClientSampleId :

Tgt Ion: 43 Resp: 44245

Ion Ratio Lower Upper

43 100

58 27.3 0.0 41.4



#14

Carbon disulfide

Concen: 4.913 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024000.D

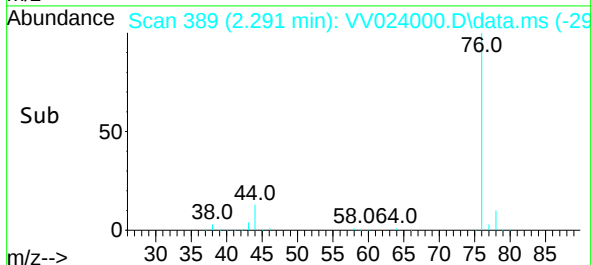
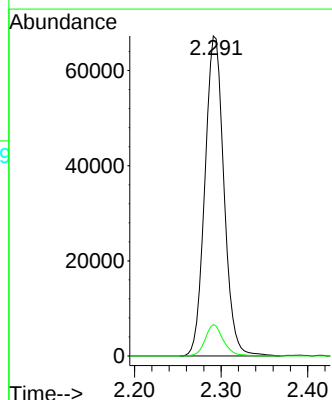
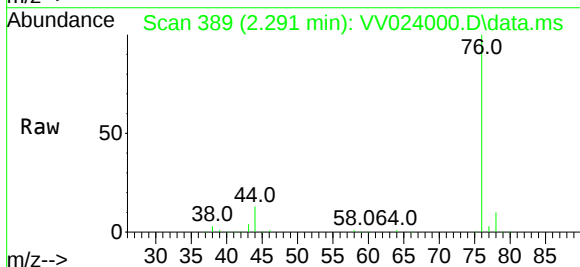
Acq: 16 Dec 2021 09:57

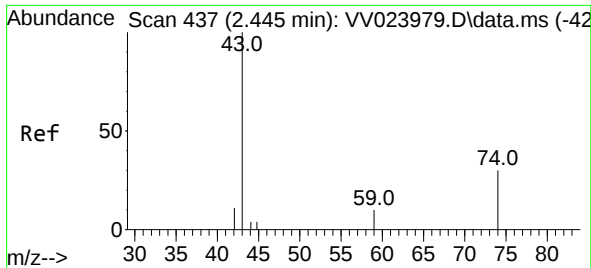
Tgt Ion: 76 Resp: 102616

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3





#15

Methyl Acetate

Concen: 4.888 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

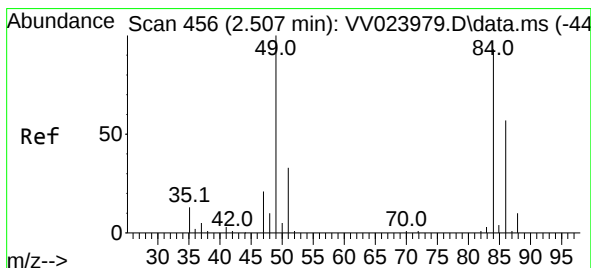
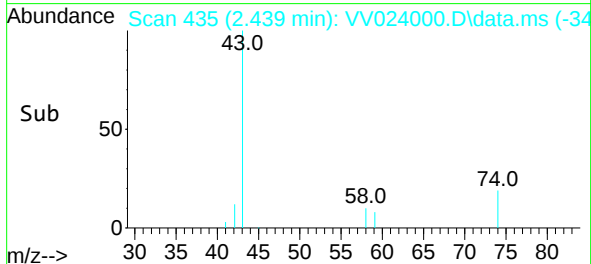
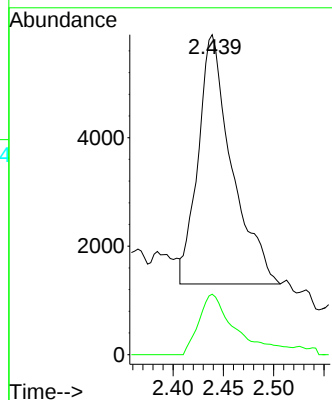
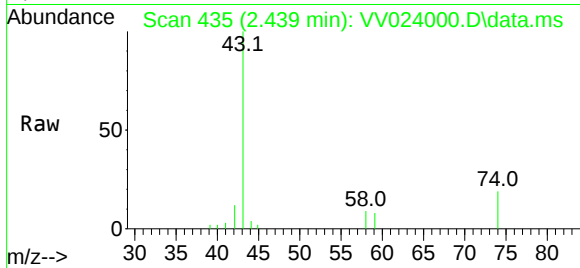
ClientSampleId :

Tgt Ion: 43 Resp: 10684

Ion Ratio Lower Upper

43 100

74 27.0 20.2 30.2



#16

Methylene chloride

Concen: 4.758 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

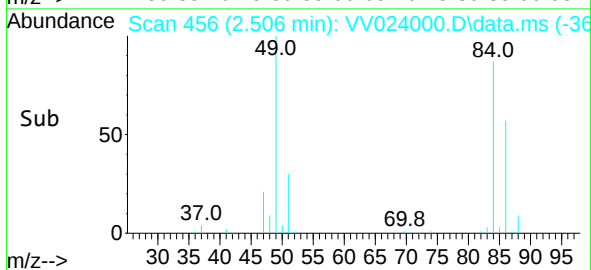
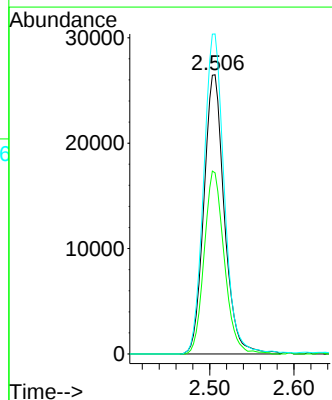
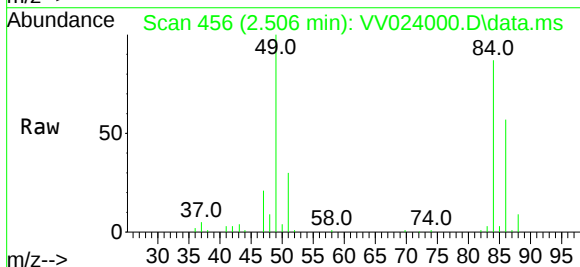
Tgt Ion: 84 Resp: 44821

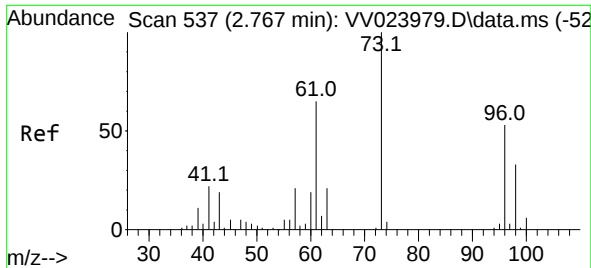
Ion Ratio Lower Upper

84 100

86 64.9 42.6 79.0

49 114.6 79.7 147.9

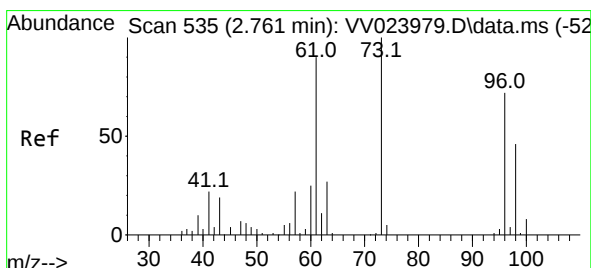
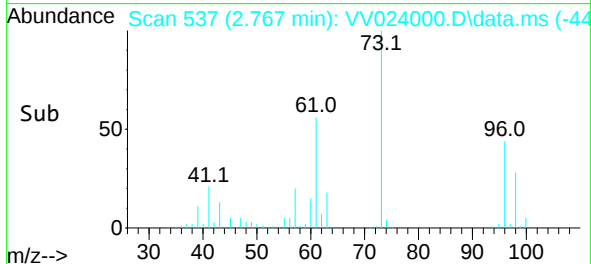
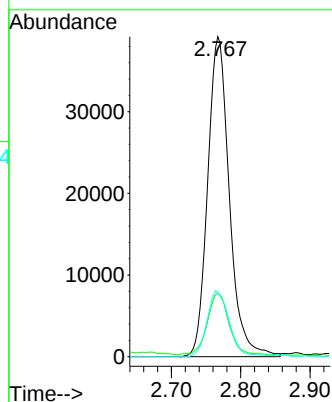
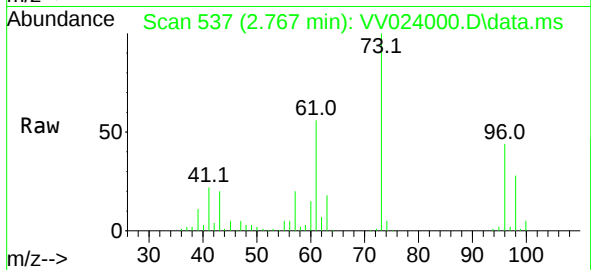




#17
Methyl tert-butyl Ether
Concen: 5.222 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

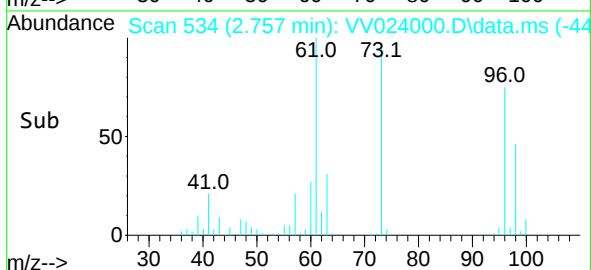
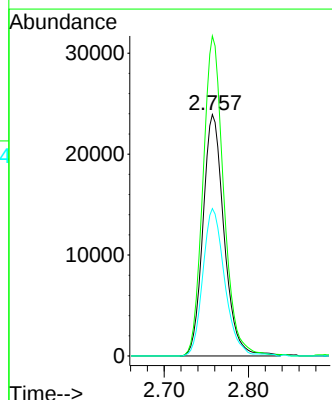
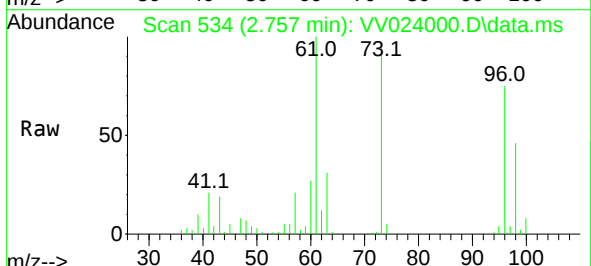
Instrument :
MSVOA_V
ClientSampleId :

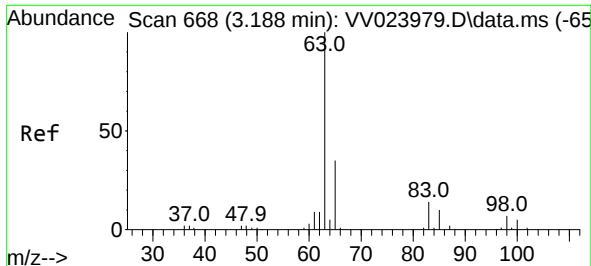
Tgt Ion: 73 Resp: 85037
Ion Ratio Lower Upper
73 100
43 19.2 15.5 23.3
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.234 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion: 96 Resp: 41721
Ion Ratio Lower Upper
96 100
61 132.5 88.2 163.8
98 61.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.350 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

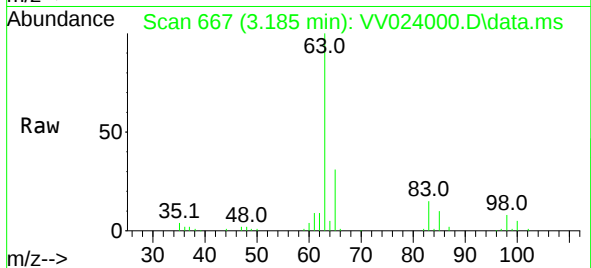
Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

ClientSampleId :



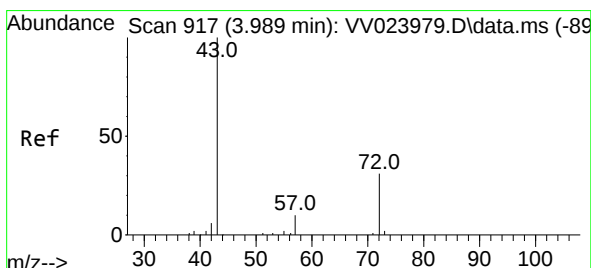
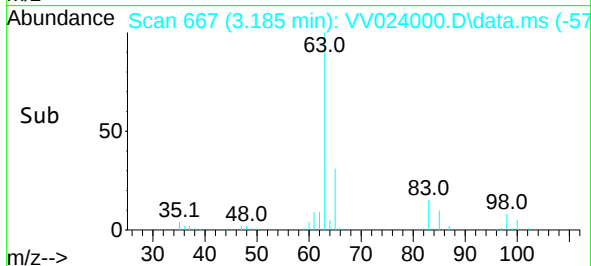
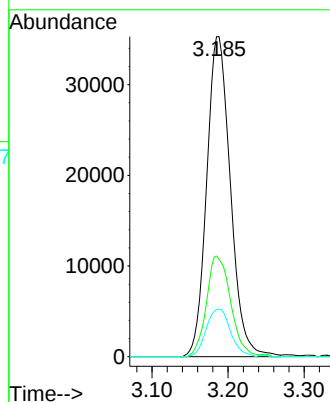
Tgt Ion: 63 Resp: 76536

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.3

83 14.7 10.7 19.9



#21

2-Butanone

Concen: 46.566 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV024000.D

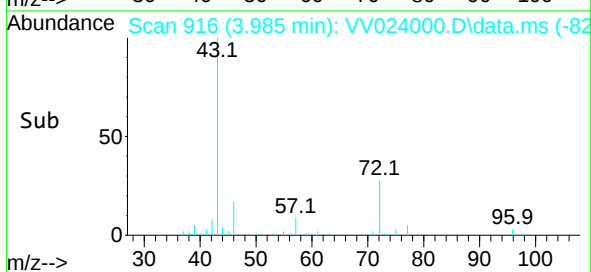
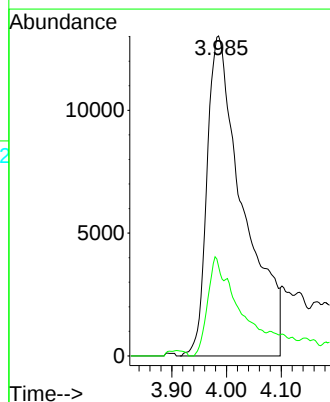
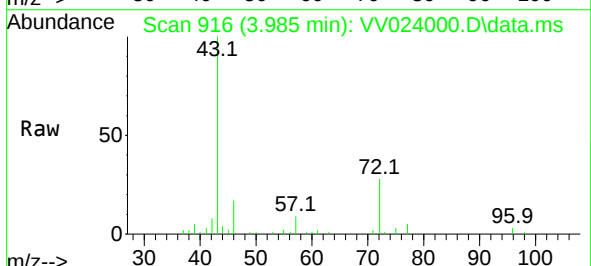
Acq: 16 Dec 2021 09:57

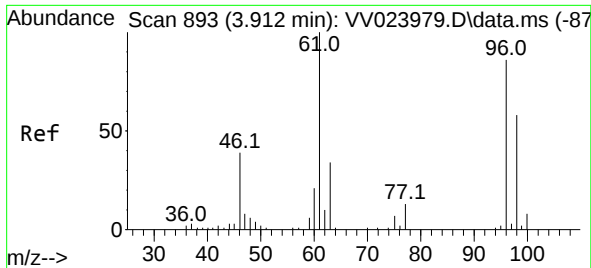
Tgt Ion: 43 Resp: 60003

Ion Ratio Lower Upper

43 100

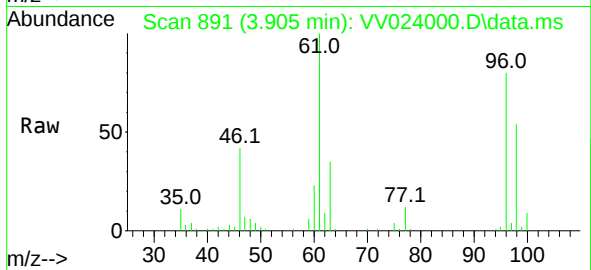
72 12.5 11.1 33.1





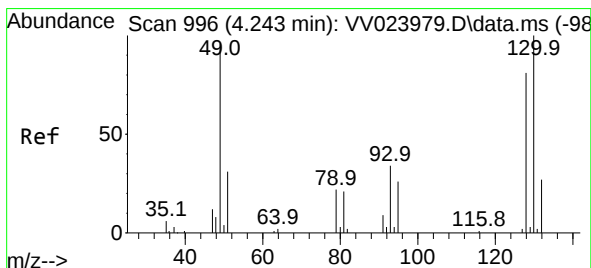
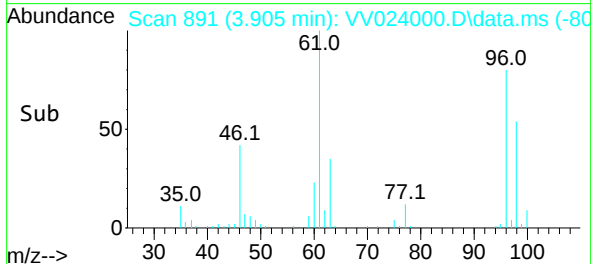
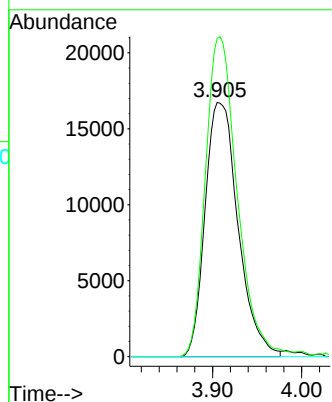
#22
 cis-1,2-Dichloroethene
 Concen: 5.104 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.007 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 43064

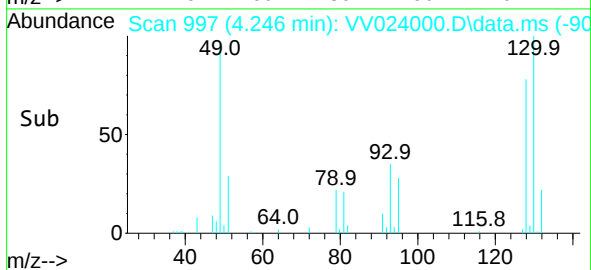
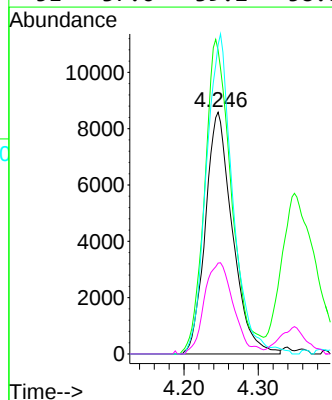
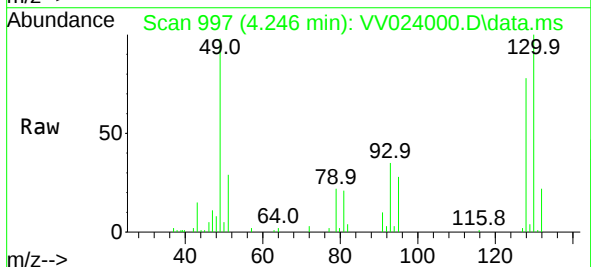
Ion	Ratio	Lower	Upper
96	100		
61	125.2	83.4	154.8
68	0.0	0.0	0.0

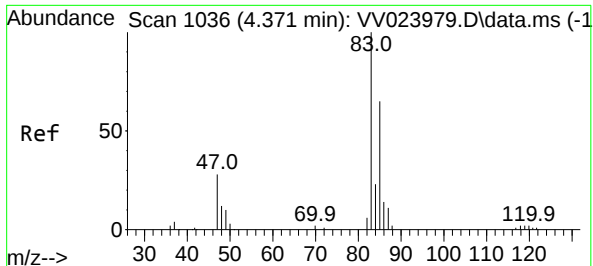


#23
 Bromochloromethane
 Concen: 5.658 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV024000.D
 Acq: 16 Dec 2021 09:57

Tgt Ion: 128 Resp: 21695

Ion	Ratio	Lower	Upper
128	100		
49	125.6	100.2	186.2
130	127.9	92.5	171.7
51	37.6	39.2	58.8





#25

Chloroform

Concen: 5.504 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

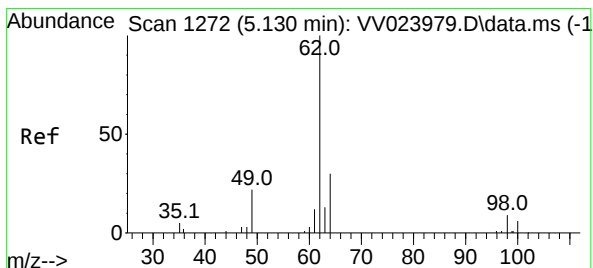
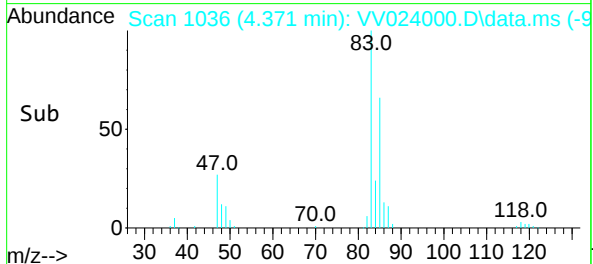
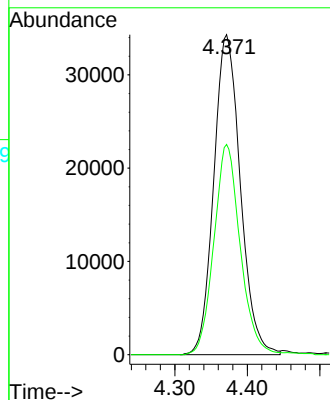
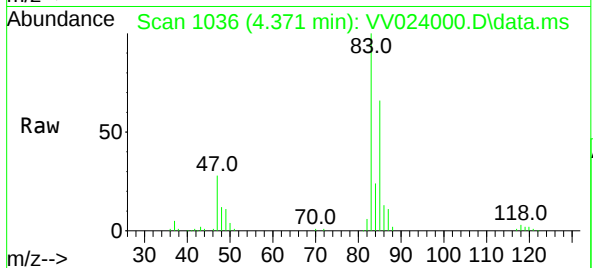
ClientSampleId :

Tgt Ion: 83 Resp: 87527

Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.622 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV024000.D

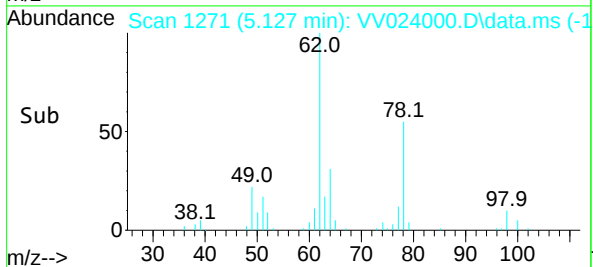
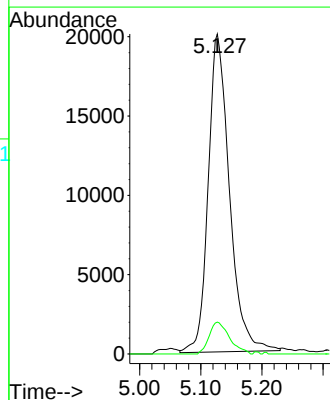
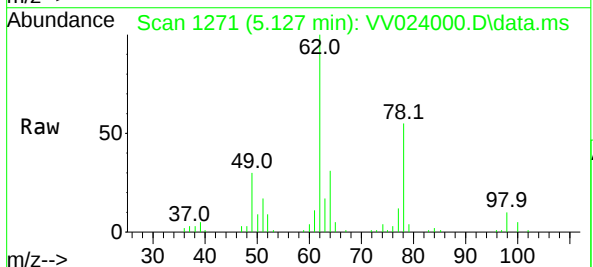
Acq: 16 Dec 2021 09:57

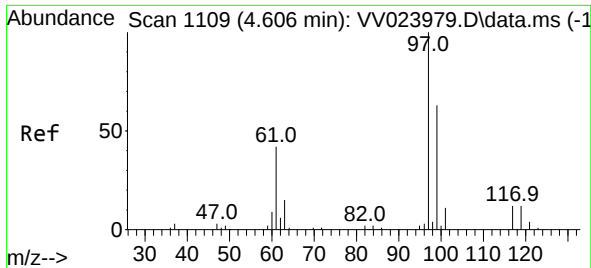
Tgt Ion: 62 Resp: 48438

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.530 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

ClientSampleId :

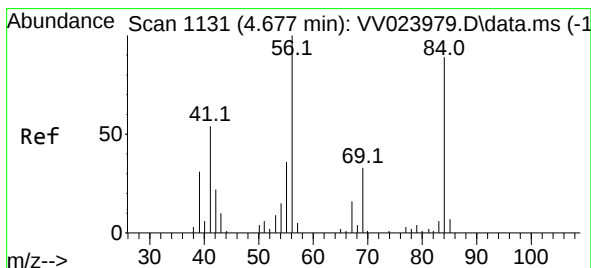
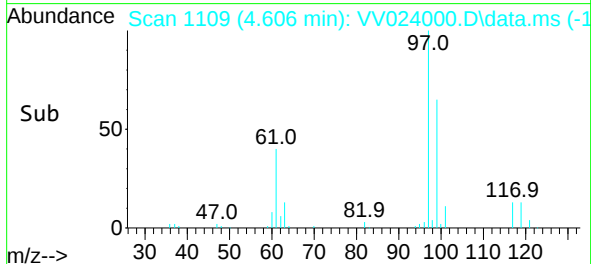
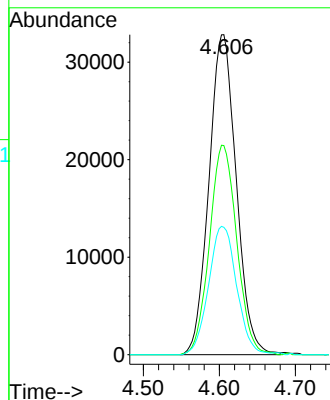
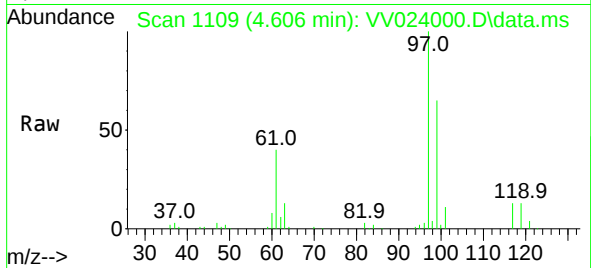
Tgt Ion: 97 Resp: 81910

Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 41.2 33.2 49.8



#30

Cyclohexane

Concen: 4.857 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

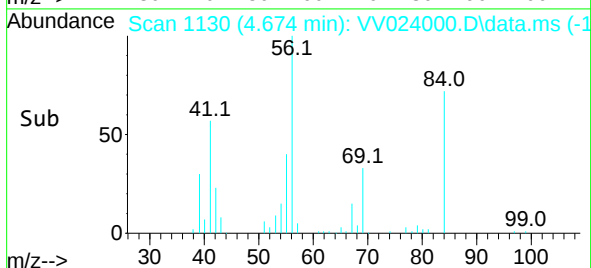
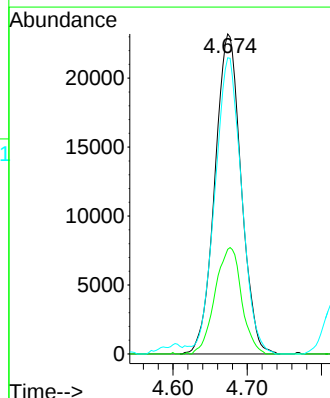
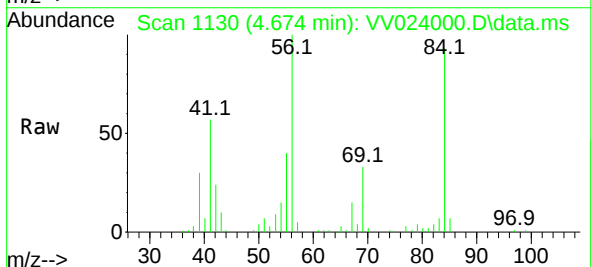
Tgt Ion: 56 Resp: 57060

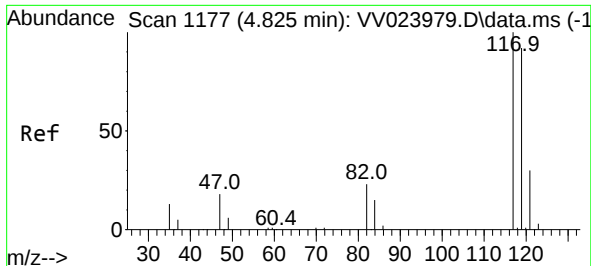
Ion Ratio Lower Upper

56 100

69 33.5 24.8 37.2

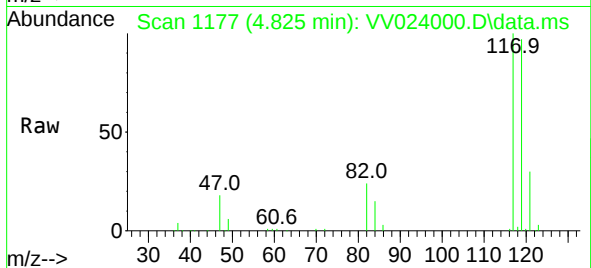
84 94.7 75.9 113.9



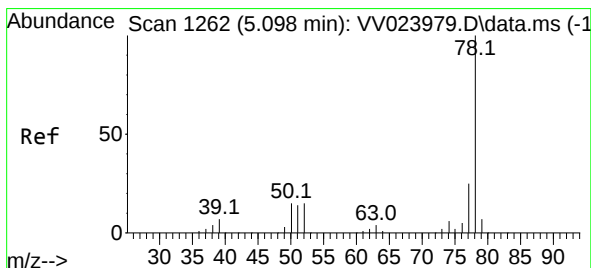
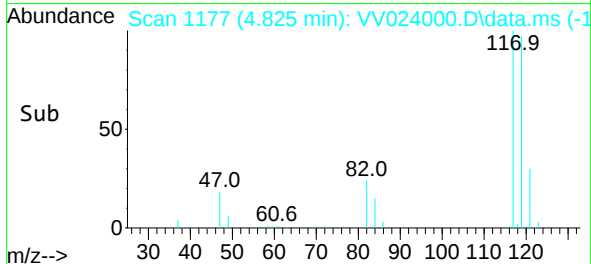
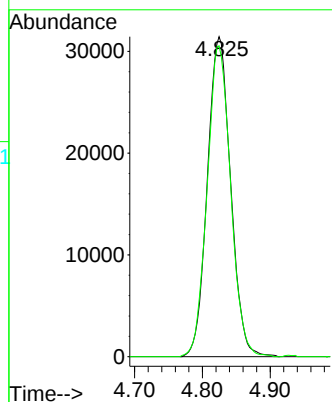


#31
Carbon tetrachloride
Concen: 5.386 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Instrument :
MSVOA_V
ClientSampleId :

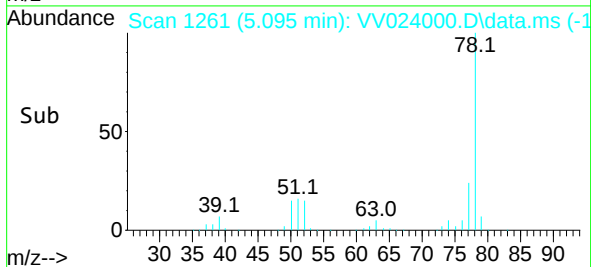
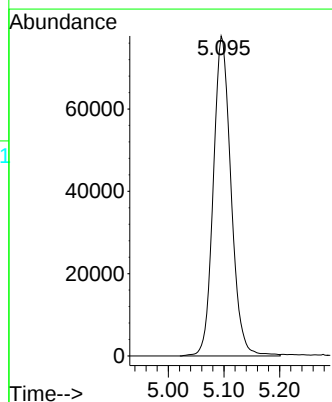
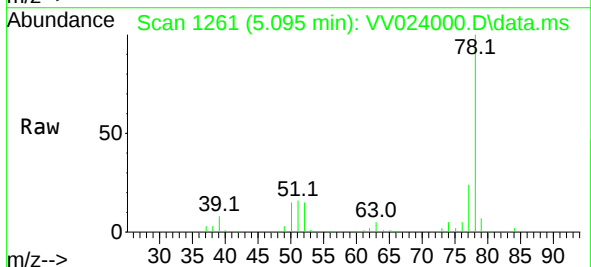


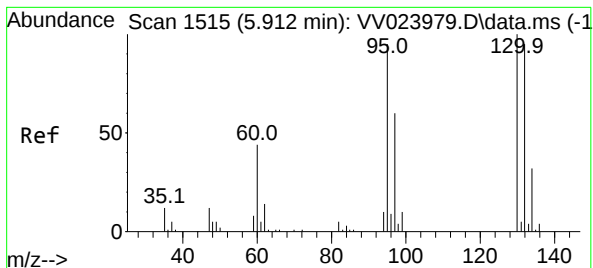
Tgt Ion:117 Resp: 74994
Ion Ratio Lower Upper
117 100
119 98.1 76.6 114.8



#33
Benzene
Concen: 5.367 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion: 78 Resp: 171881





#34

Trichloroethene

Concen: 5.201 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.000 min

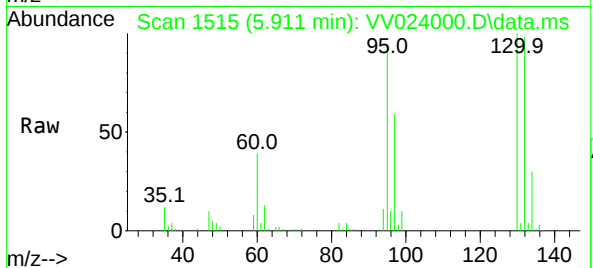
Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 46981

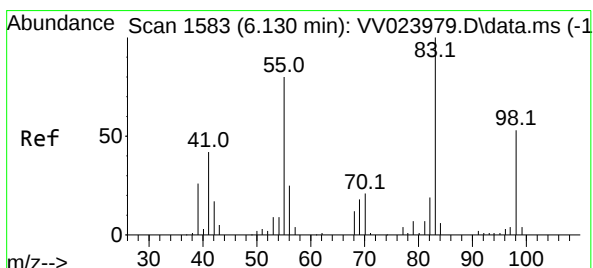
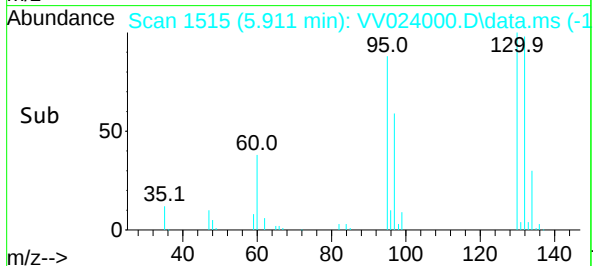
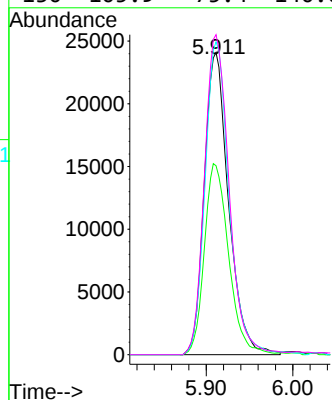
Ion Ratio Lower Upper

95 100

97 62.5 45.2 84.0

132 103.5 76.1 141.3

130 105.9 75.4 140.0



#35

Methylcyclohexane

Concen: 5.004 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

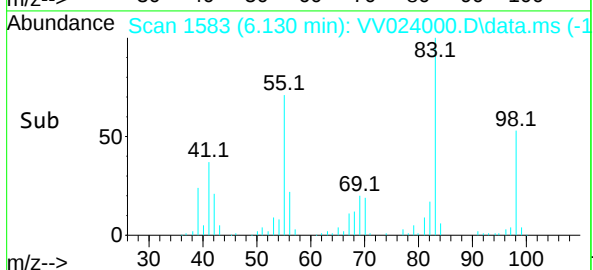
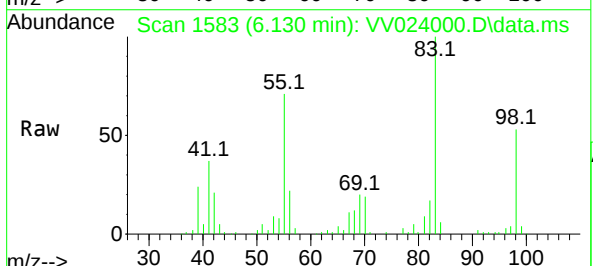
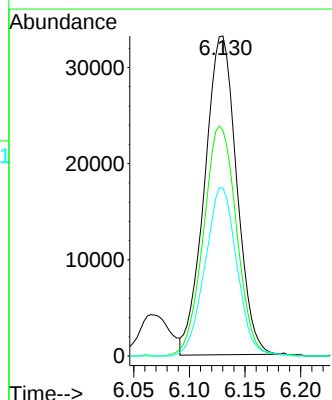
Tgt Ion: 83 Resp: 66535

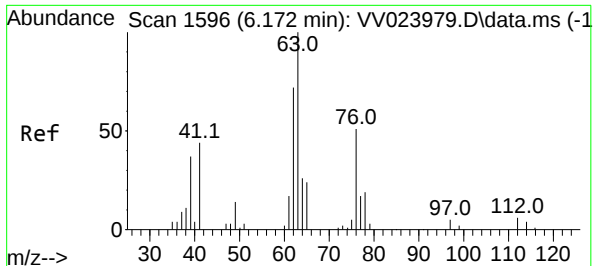
Ion Ratio Lower Upper

83 100

55 74.2 60.2 90.2

98 52.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.511 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

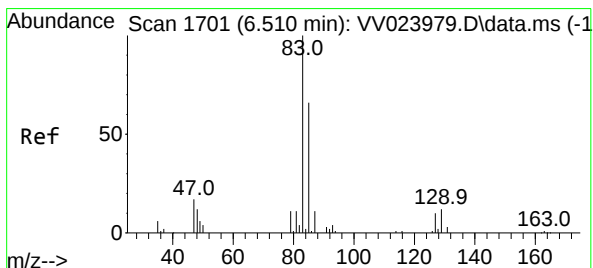
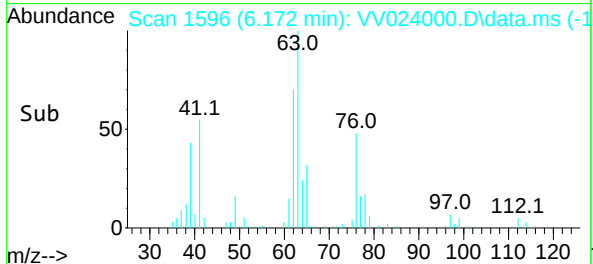
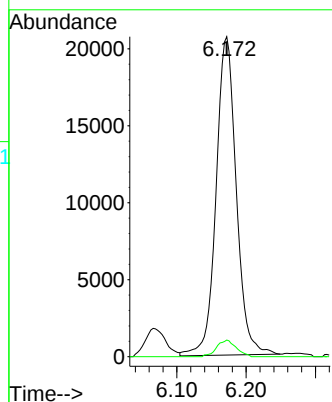
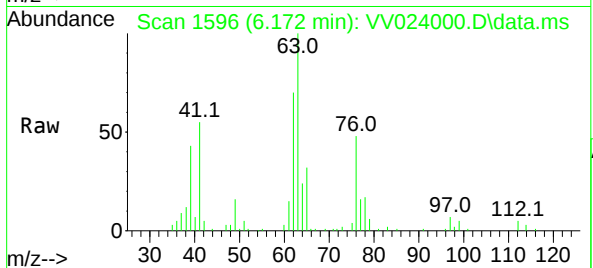
ClientSampleId :

Tgt Ion: 63 Resp: 41949

Ion Ratio Lower Upper

63 100

112 5.0 4.3 6.5



#38

Bromodichloromethane

Concen: 5.545 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

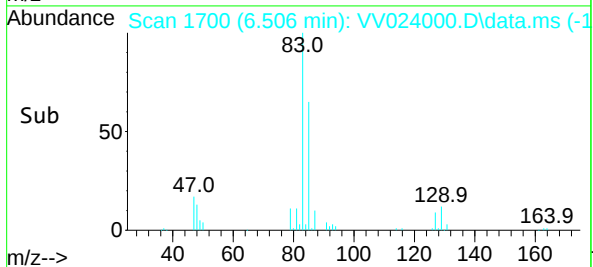
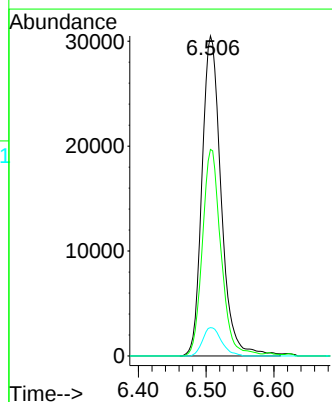
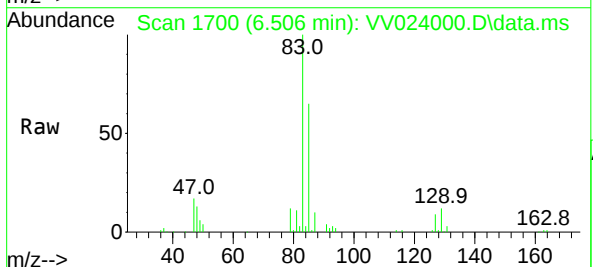
Tgt Ion: 83 Resp: 59795

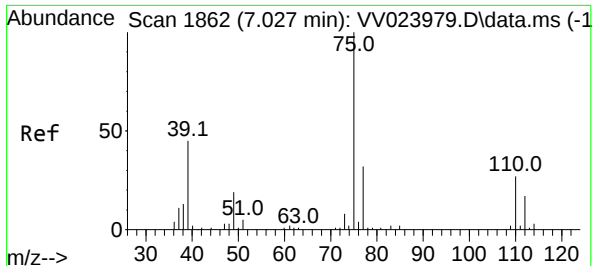
Ion Ratio Lower Upper

83 100

85 64.6 44.0 81.8

127 8.8 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.151 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

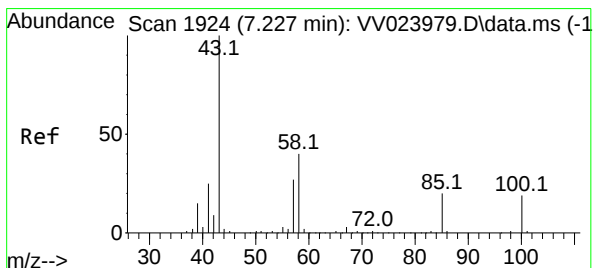
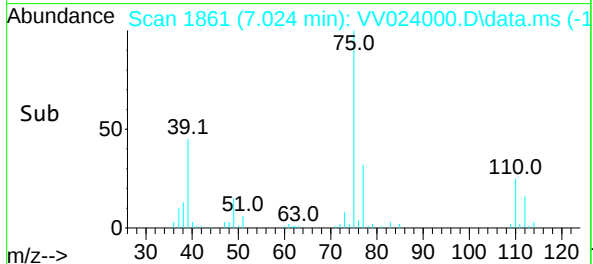
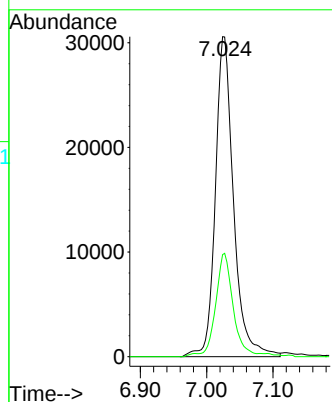
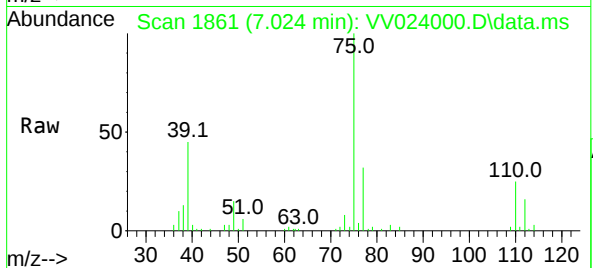
ClientSampleId :

Tgt Ion: 75 Resp: 58214

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.710 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

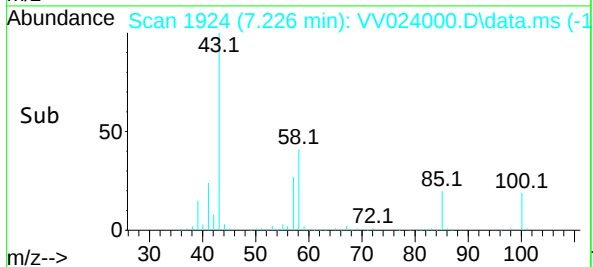
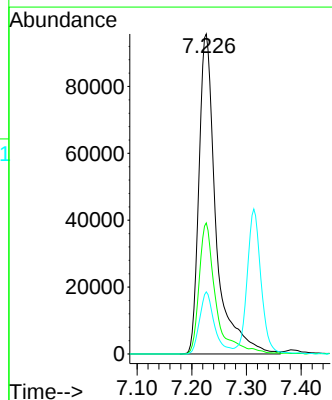
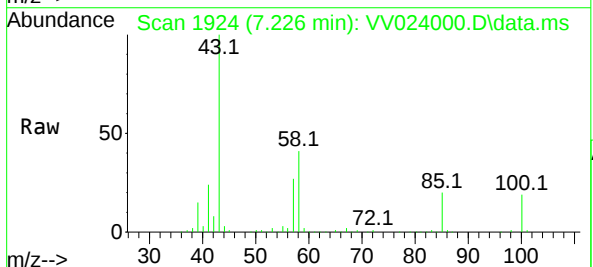
Tgt Ion: 43 Resp: 207373

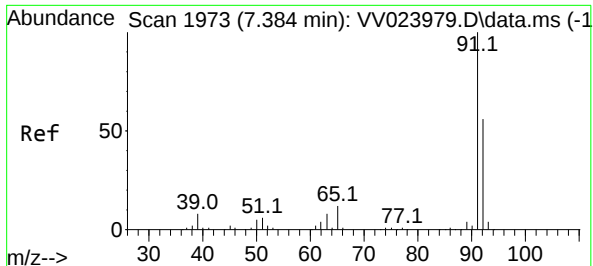
Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5

100 17.0 13.0 19.6





#42

Toluene

Concen: 5.525 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

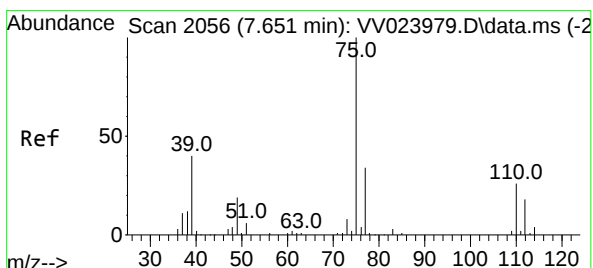
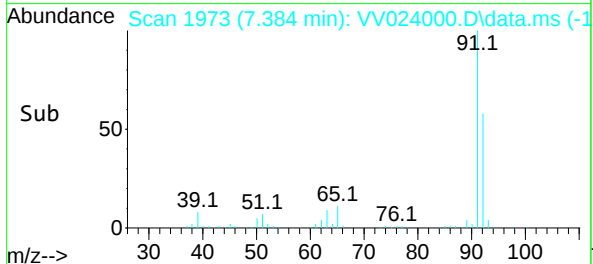
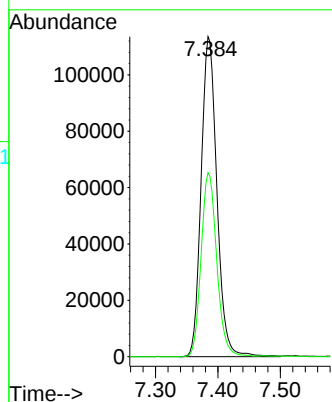
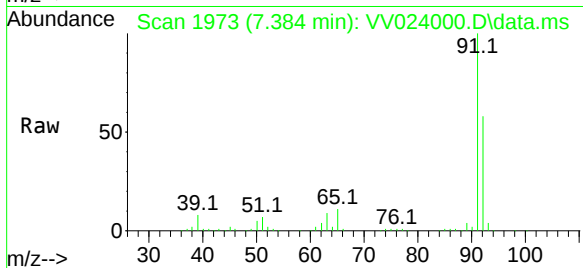
ClientSampleId :

Tgt Ion: 91 Resp: 199131

Ion Ratio Lower Upper

91 100

92 57.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.178 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024000.D

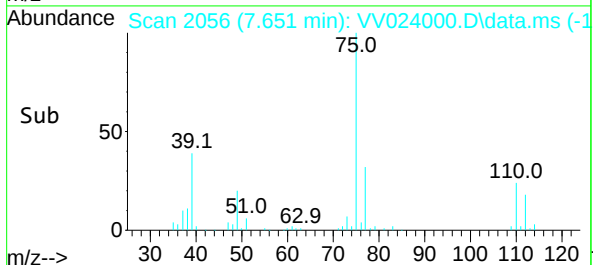
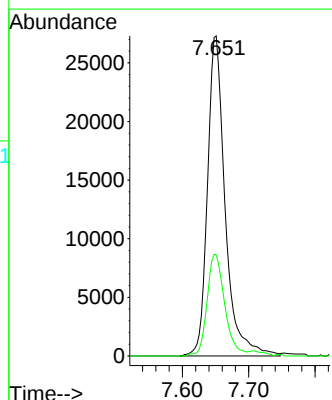
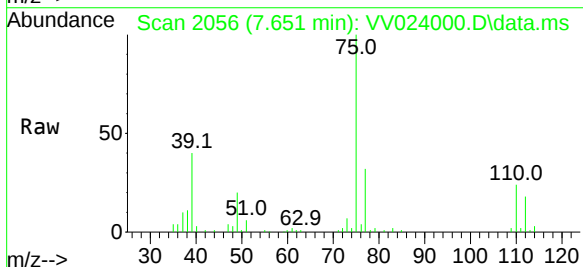
Acq: 16 Dec 2021 09:57

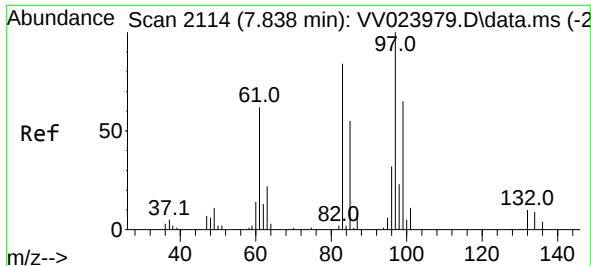
Tgt Ion: 75 Resp: 50577

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.620 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 31650

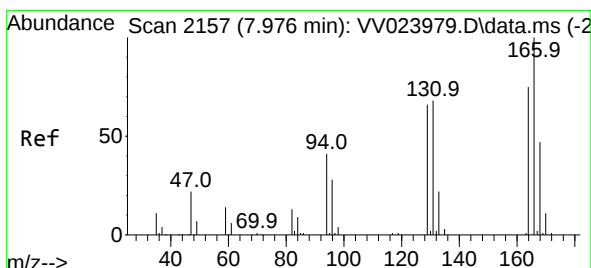
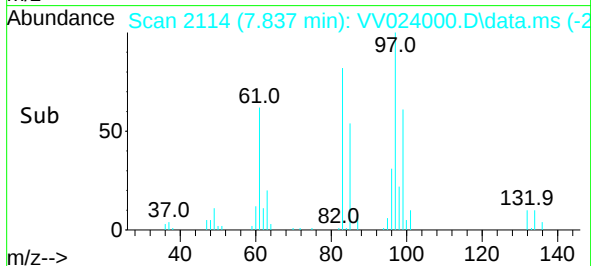
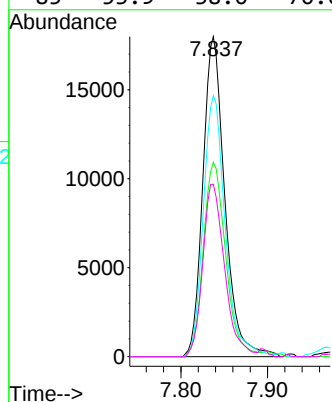
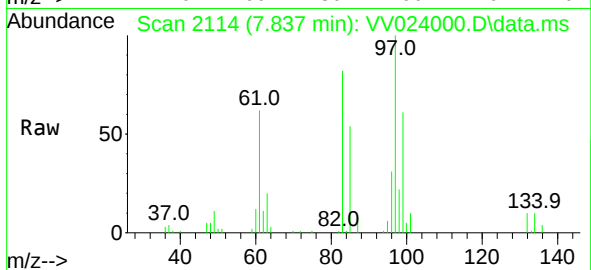
Ion Ratio Lower Upper

97 100

99 60.7 43.1 80.1

83 81.6 57.9 107.5

85 53.9 38.0 70.6



#47

Tetrachloroethene

Concen: 5.257 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Tgt Ion:164 Resp: 41813

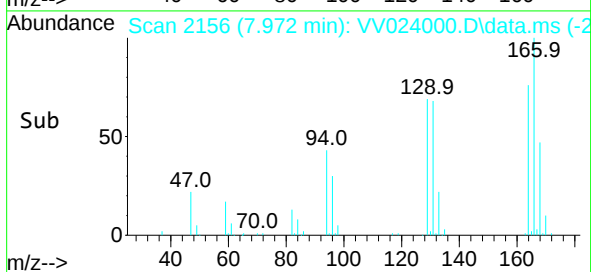
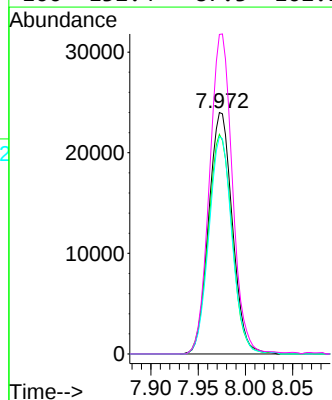
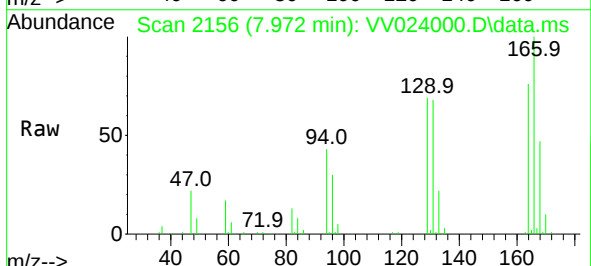
Ion Ratio Lower Upper

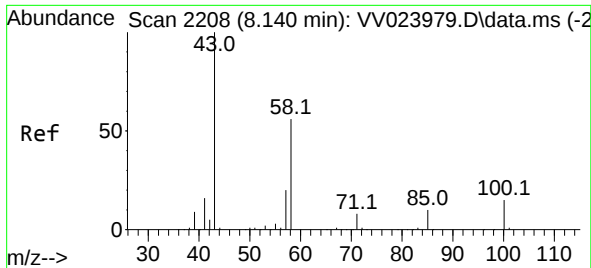
164 100

129 91.0 62.6 116.2

131 90.0 61.0 113.4

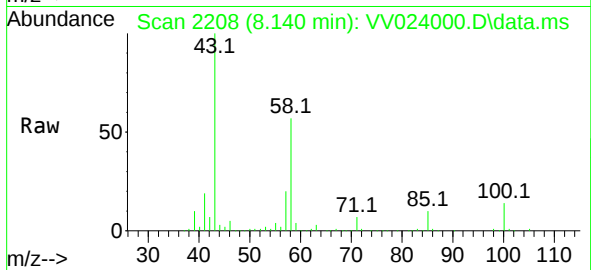
166 132.4 87.3 162.1



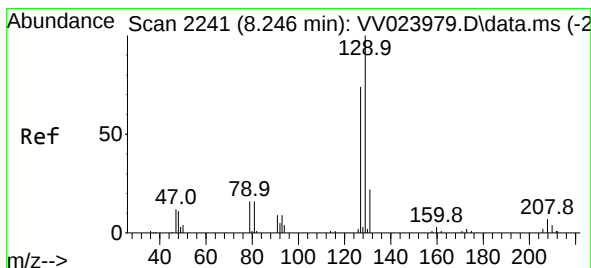
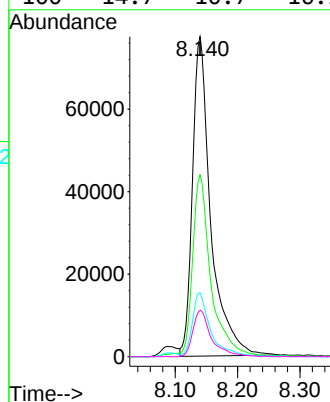
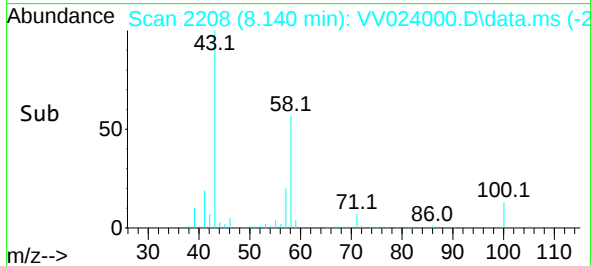


#48
2-Hexanone
Concen: 59.401 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Instrument :
MSVOA_V
ClientSampleId :

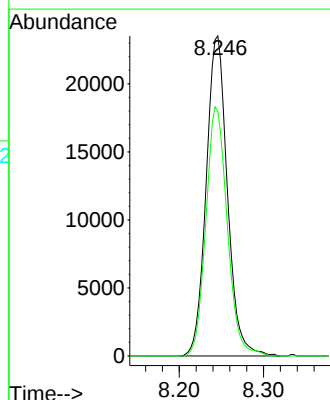
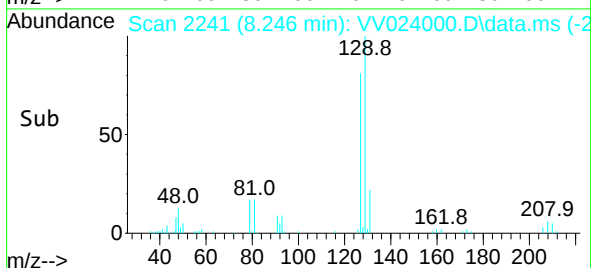
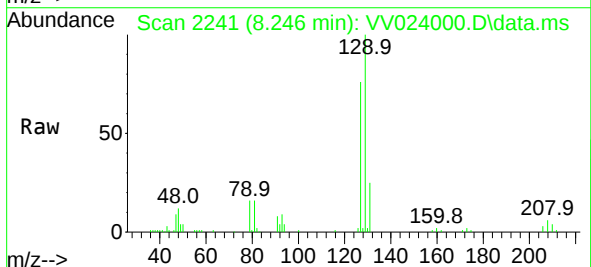


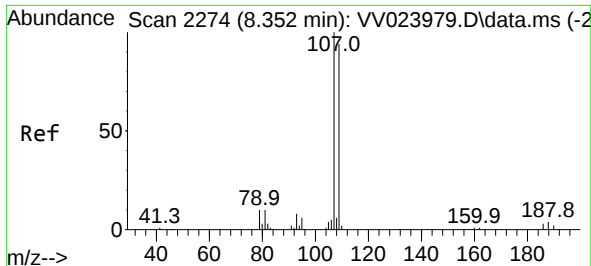
Tgt Ion: 43 Resp: 157500
Ion Ratio Lower Upper
43 100
58 57.7 44.5 66.7
57 19.6 15.1 22.7
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.372 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion: 129 Resp: 41162
Ion Ratio Lower Upper
129 100
127 76.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.466 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024000.D

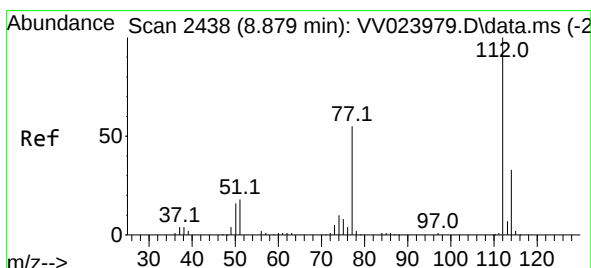
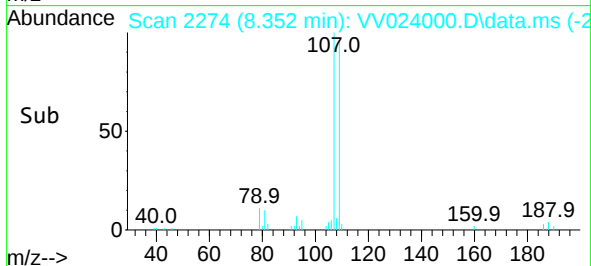
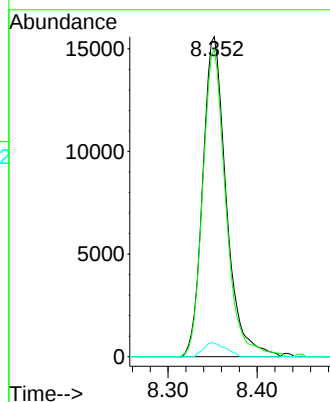
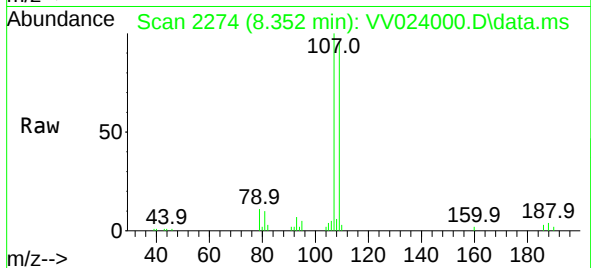
Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	28578
Ion	Ratio	Lower Upper
107	100	
109	96.0	62.5 116.1
188	4.2	3.4 5.2



#51

Chlorobenzene

Concen: 5.385 ug/L

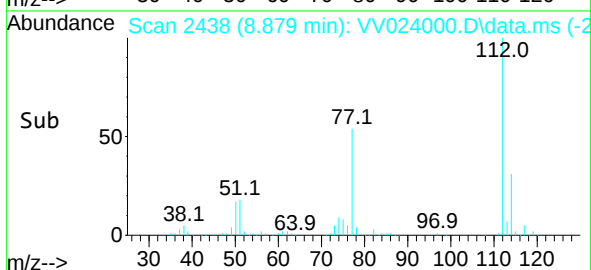
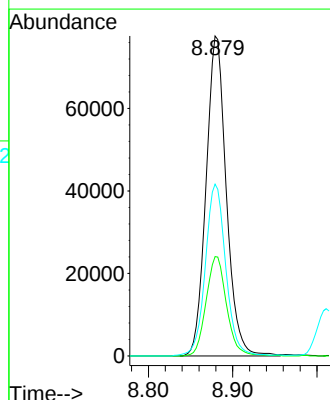
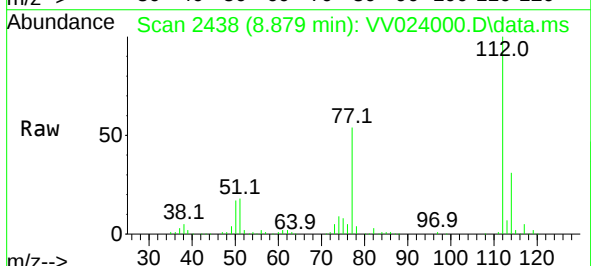
RT: 8.879 min Scan# 2438

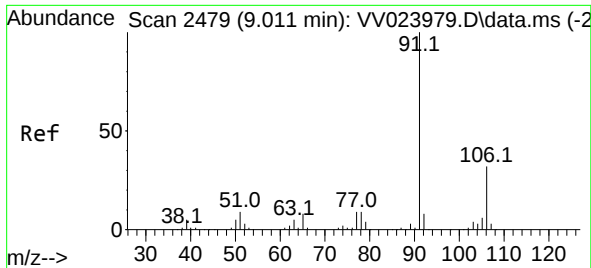
Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Tgt Ion:112	Resp:	129739
Ion	Ratio	Lower Upper
112	100	
114	31.0	23.3 43.3
77	53.7	43.3 64.9

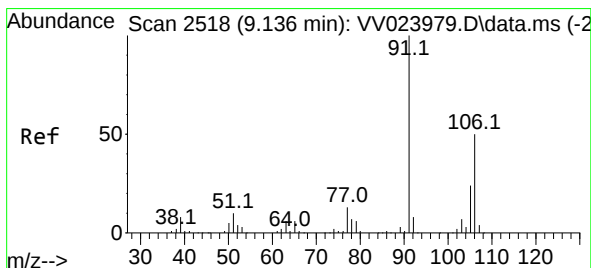
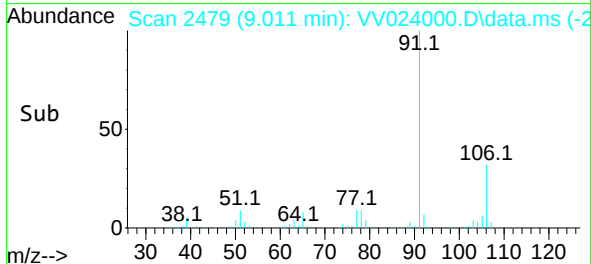
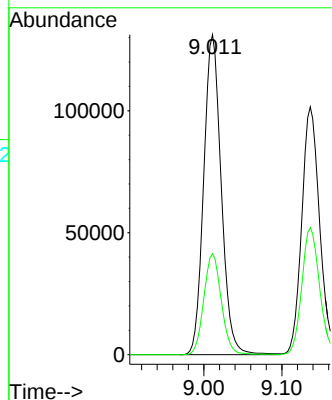
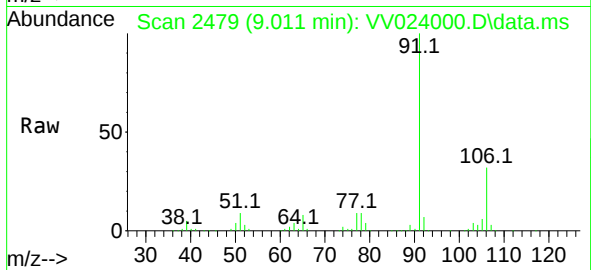




#52
Ethylbenzene
Concen: 5.393 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

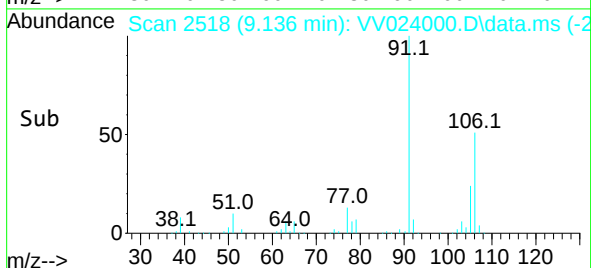
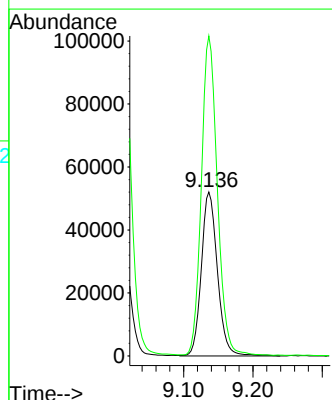
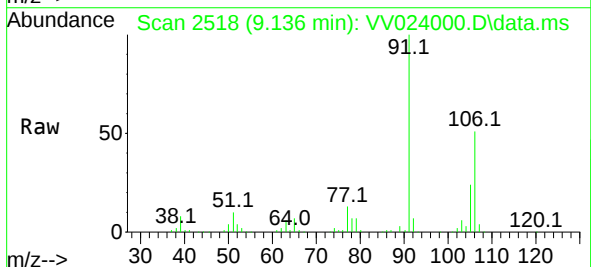
Instrument :
MSVOA_V
ClientSampleId :

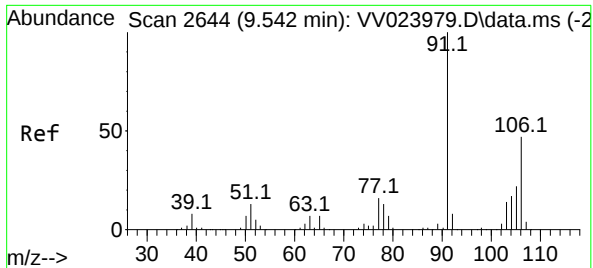
Tgt Ion: 91 Resp: 205112
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-xylene
Concen: 5.581 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion: 106 Resp: 83942
Ion Ratio Lower Upper
106 100
91 195.0 139.5 259.1

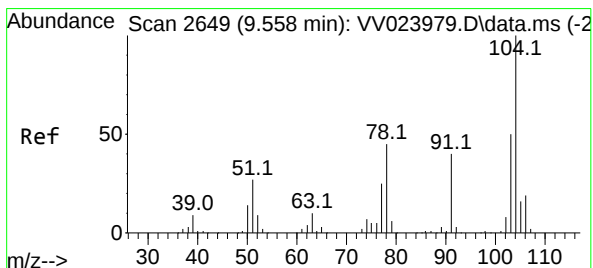
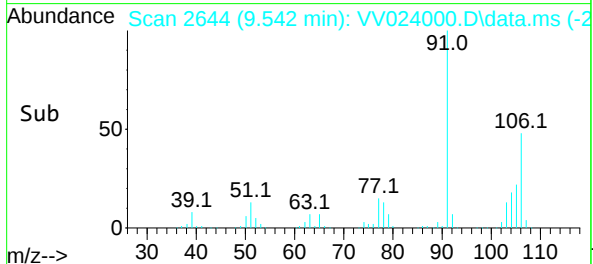
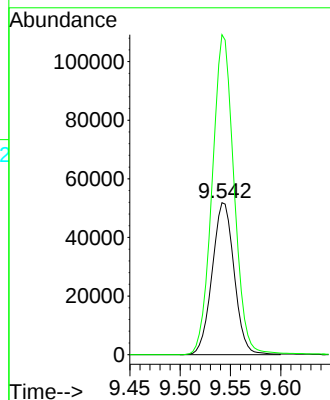
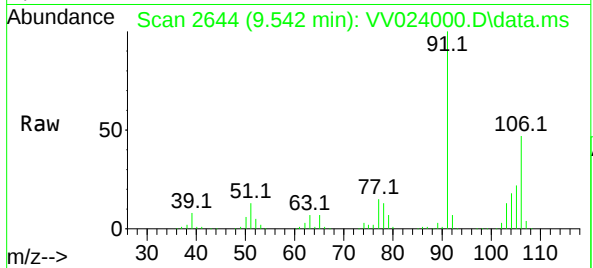




#54
o-xylene
Concen: 5.425 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

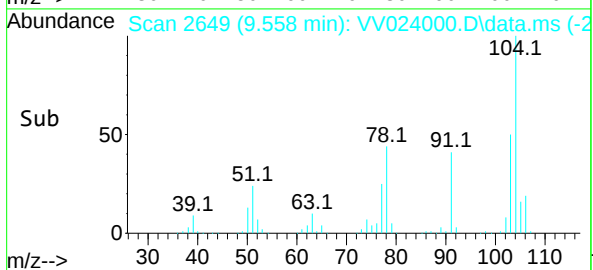
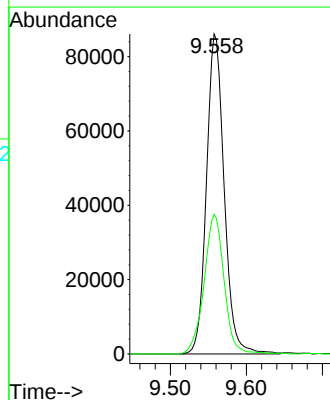
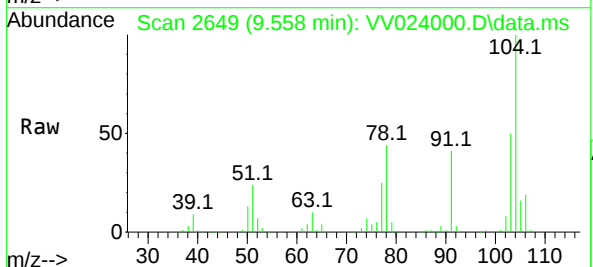
Instrument :
MSVOA_V
ClientSampleId :

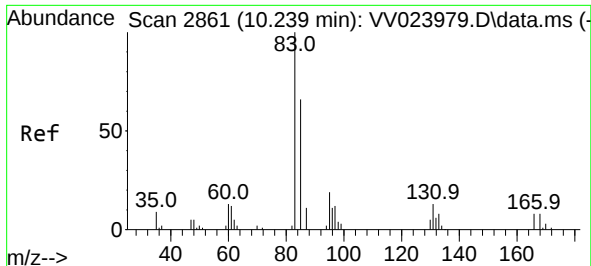
Tgt Ion:106 Resp: 78910
Ion Ratio Lower Upper
106 100
91 210.6 147.9 274.7



#55
Styrene
Concen: 5.753 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion:104 Resp: 139291
Ion Ratio Lower Upper
104 100
78 43.6 31.0 57.6

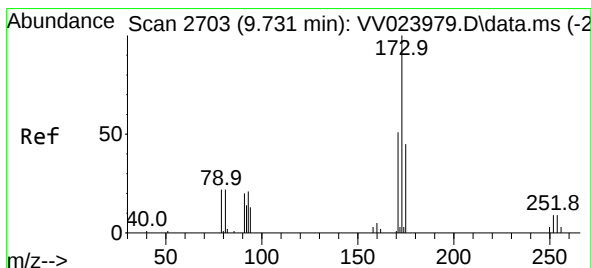
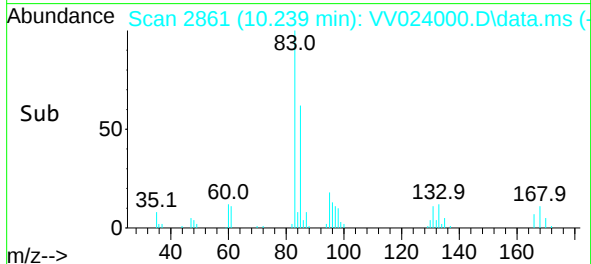
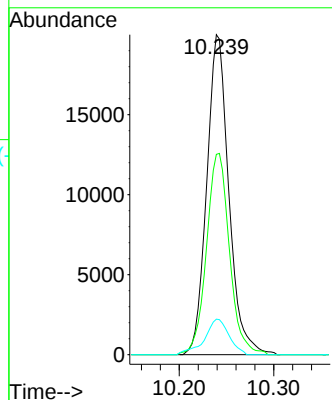
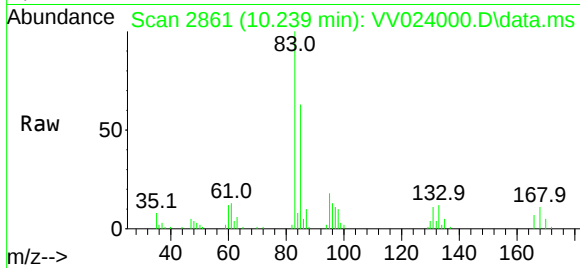




#57
1,1,2,2-Tetrachloroethane
Concen: 5.267 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

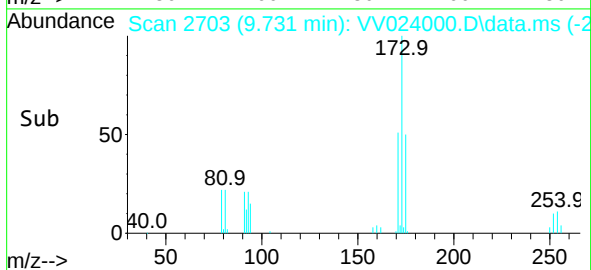
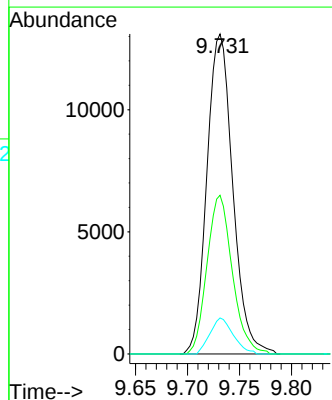
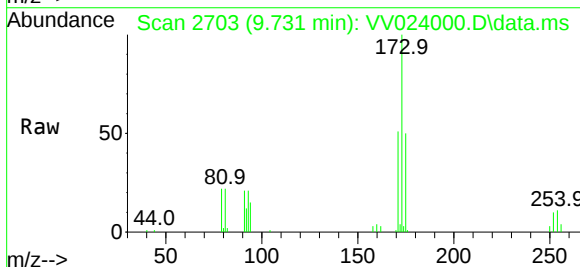
Instrument :
MSVOA_V
ClientSampleId :

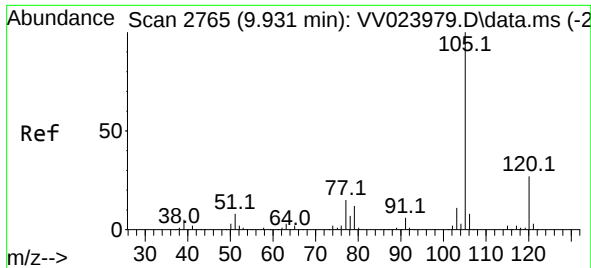
Tgt Ion: 83 Resp: 32482
Ion Ratio Lower Upper
83 100
85 62.6 44.6 82.8
131 11.1 8.3 12.5



#59
Bromoform
Concen: 5.201 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion: 173 Resp: 22668
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
254 10.1 7.4 11.0

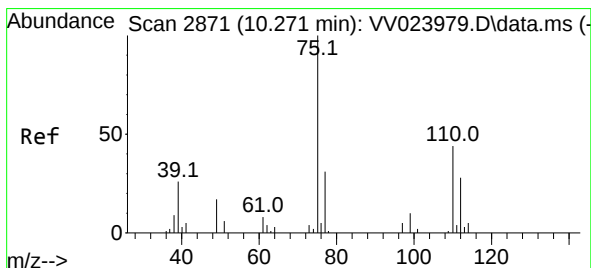
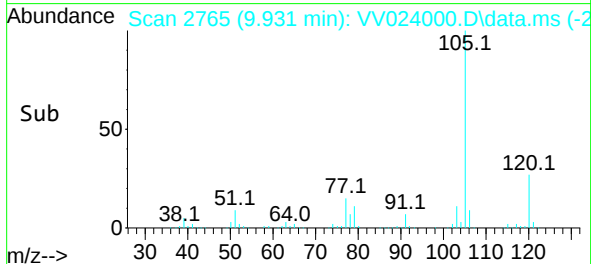
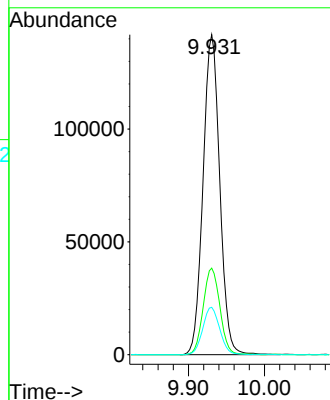
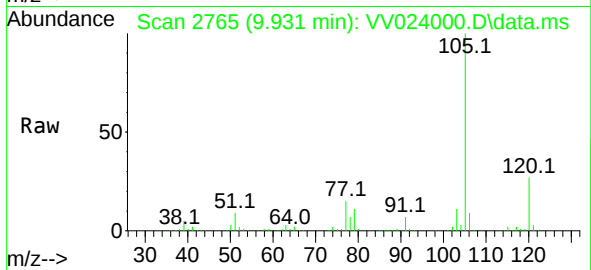




#60
Isopropylbenzene
Concen: 5.427 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

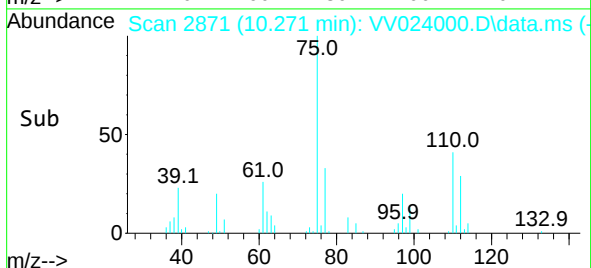
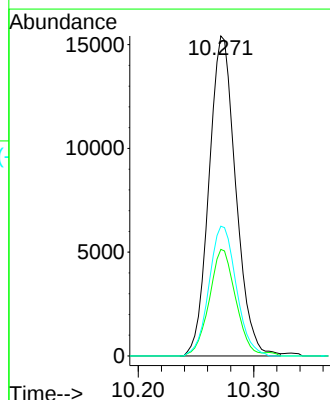
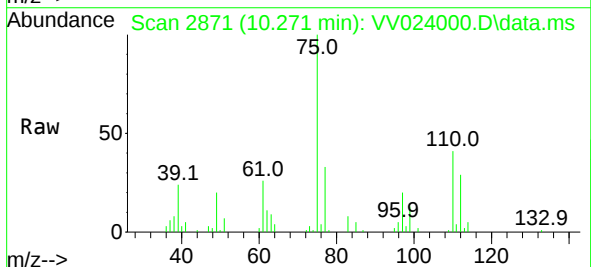
Instrument :
MSVOA_V
ClientSampleId :

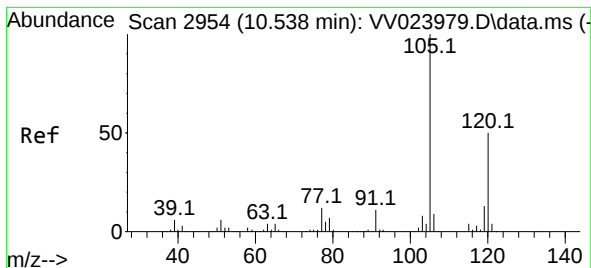
Tgt Ion:105 Resp: 216403
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.364 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion: 75 Resp: 24815
Ion Ratio Lower Upper
75 100
77 33.2 26.4 39.6
110 41.3 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.258 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

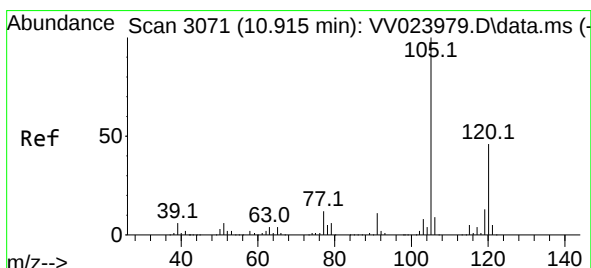
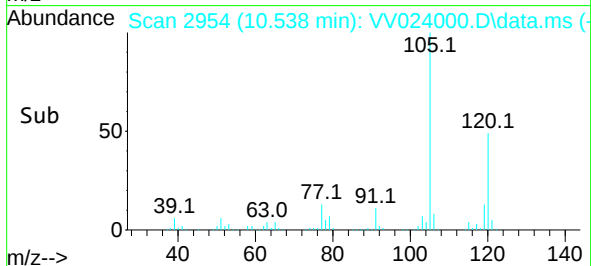
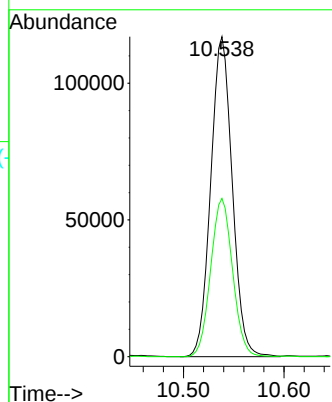
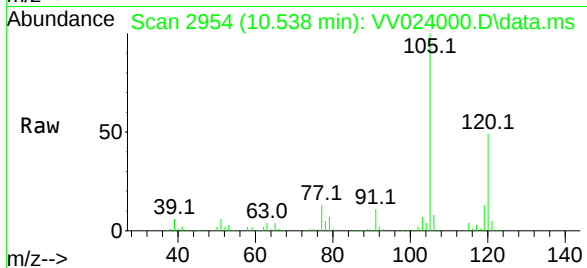
ClientSampleId :

Tgt Ion:105 Resp: 173905

Ion Ratio Lower Upper

105 100

120 50.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.345 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024000.D

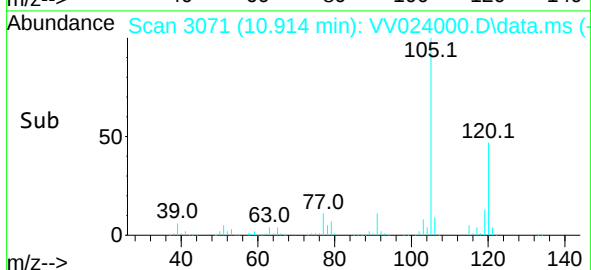
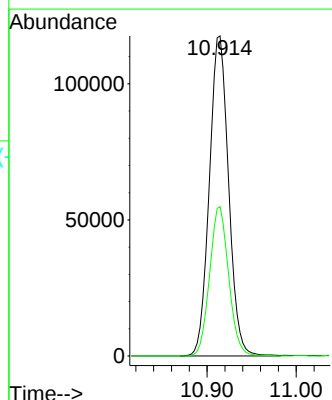
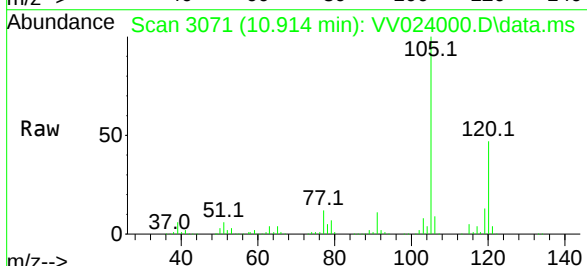
Acq: 16 Dec 2021 09:57

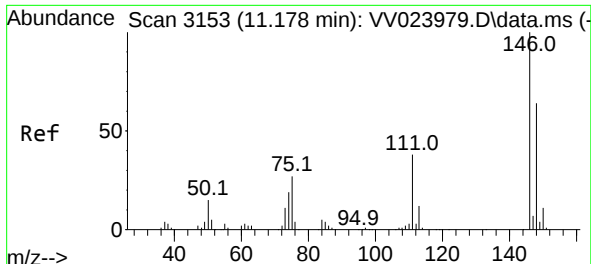
Tgt Ion:105 Resp: 176140

Ion Ratio Lower Upper

105 100

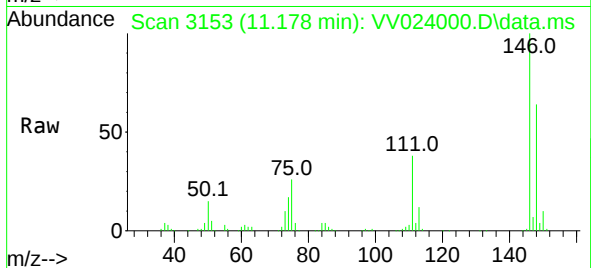
120 46.2 36.7 55.1



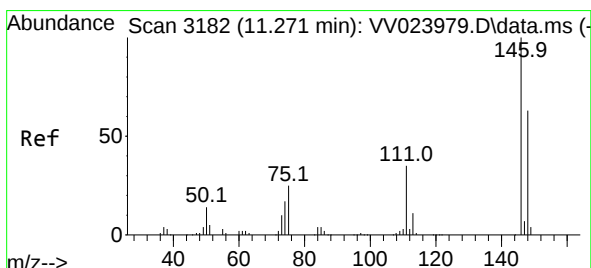
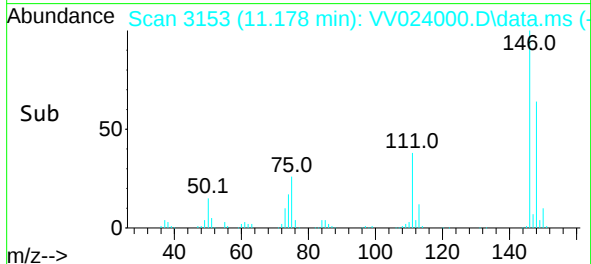
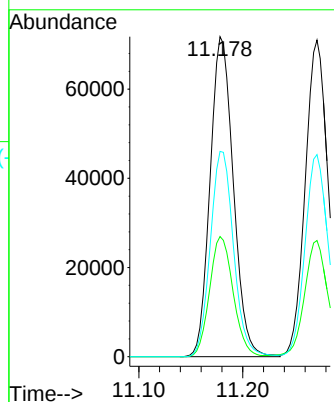


#64
1,3-Dichlorobenzene
Concen: 5.457 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Instrument :
MSVOA_V
ClientSampleId :

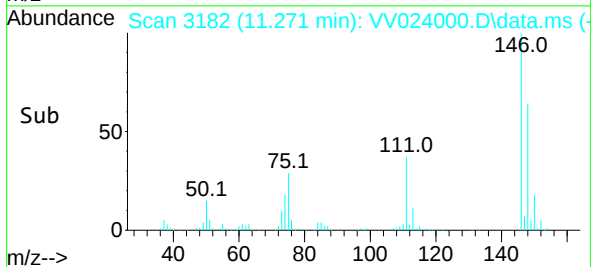
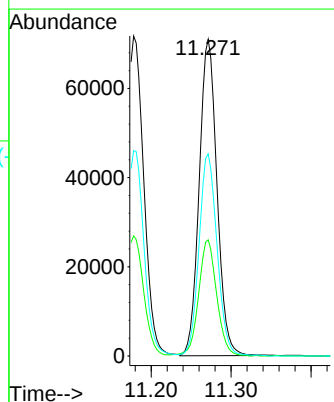
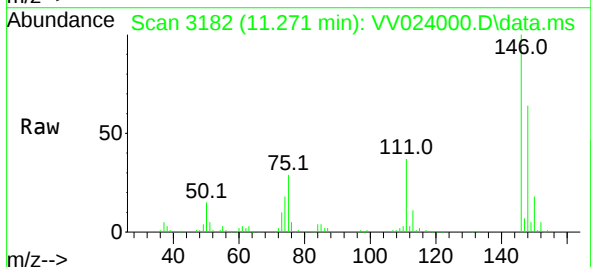


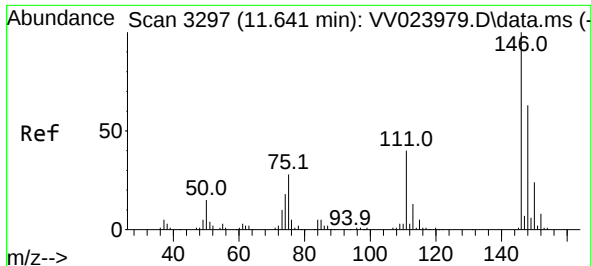
Tgt Ion:146 Resp: 111294
Ion Ratio Lower Upper
146 100
111 37.6 26.3 48.9
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.372 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion:146 Resp: 110028
Ion Ratio Lower Upper
146 100
111 36.7 25.6 47.6
148 63.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.432 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

ClientSampleId :

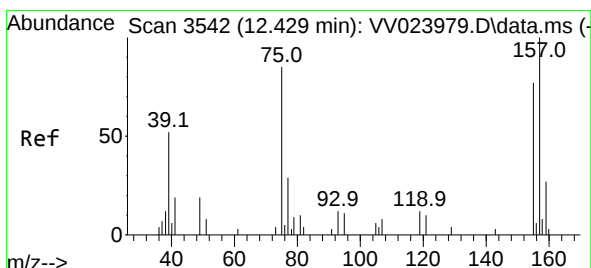
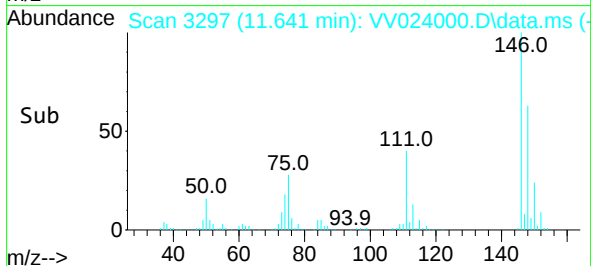
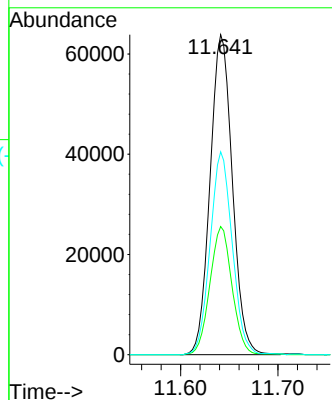
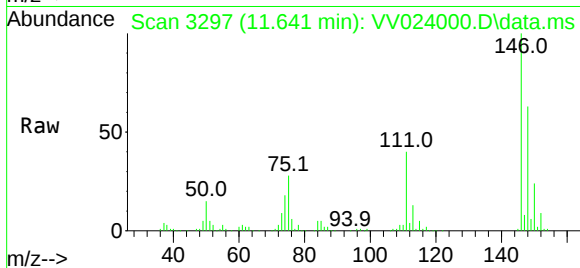
Tgt Ion:146 Resp: 101481

Ion Ratio Lower Upper

146 100

111 40.0 31.9 47.9

148 63.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.344 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

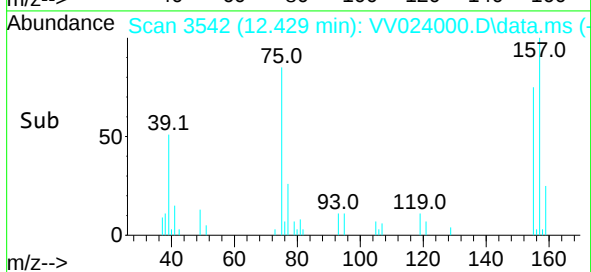
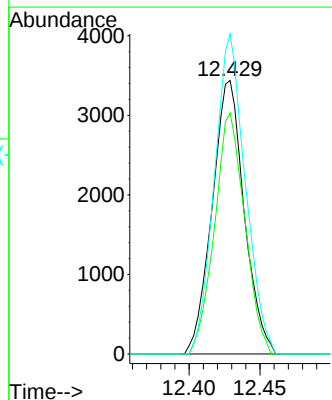
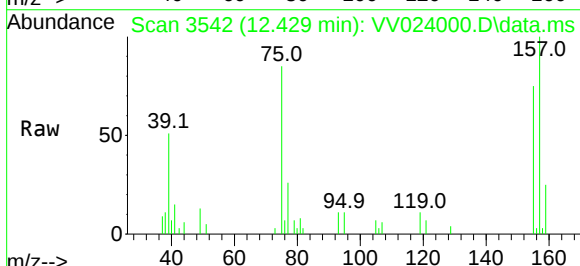
Tgt Ion: 75 Resp: 5400

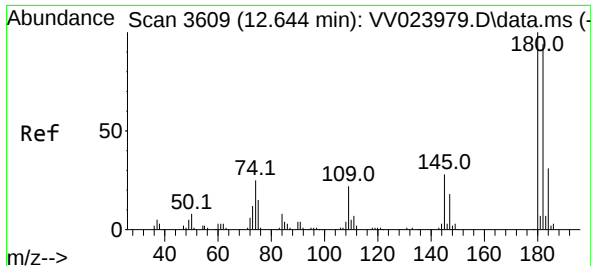
Ion Ratio Lower Upper

75 100

155 88.2 71.7 107.5

157 117.0 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.194 ug/L

RT: 12.644 min Scan# 30

Delta R.T. -0.000 min

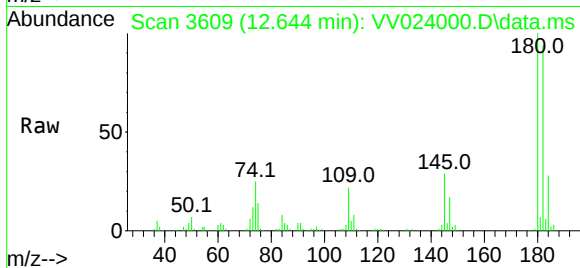
Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 87110

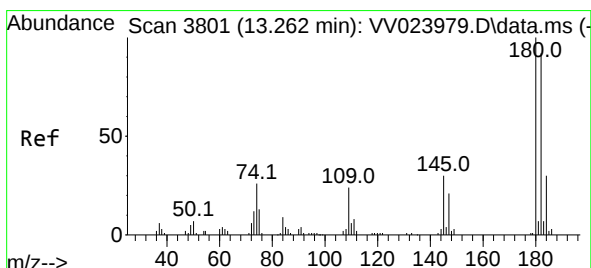
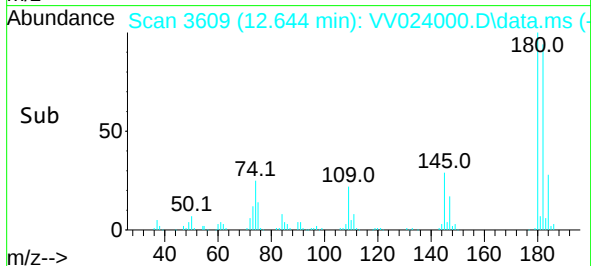
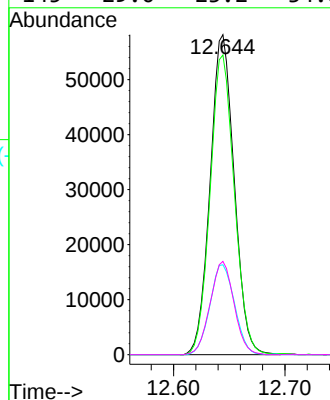
Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

184 28.9 24.2 36.4

145 29.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.890 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.003 min

Lab File: VV024000.D

Acq: 16 Dec 2021 09:57

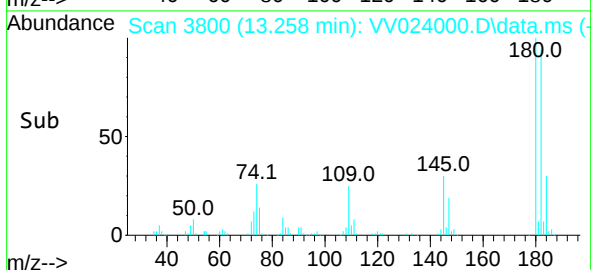
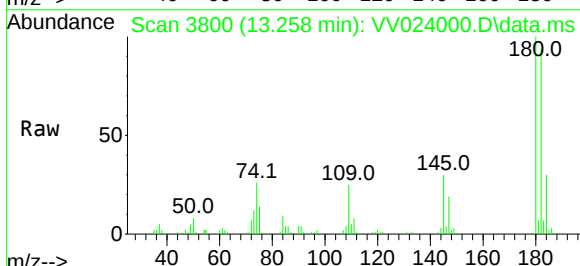
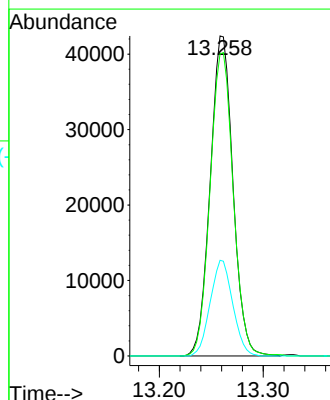
Tgt Ion:180 Resp: 64417

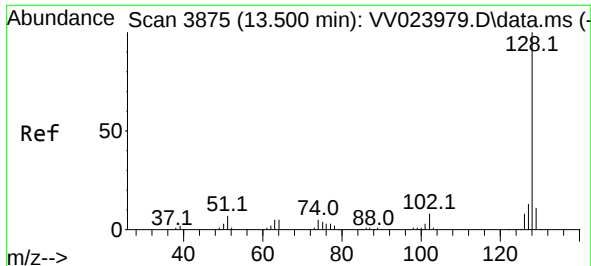
Ion Ratio Lower Upper

180 100

182 96.4 74.4 111.6

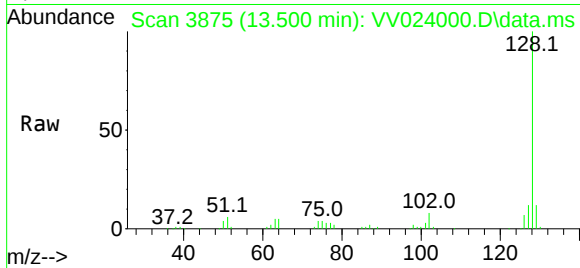
145 29.6 23.3 34.9



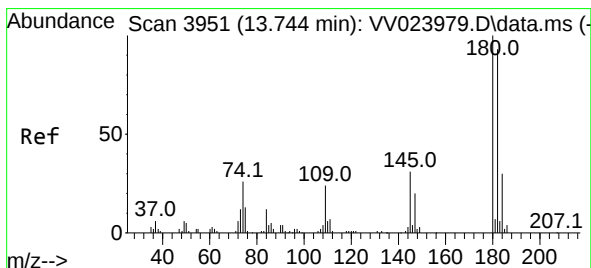
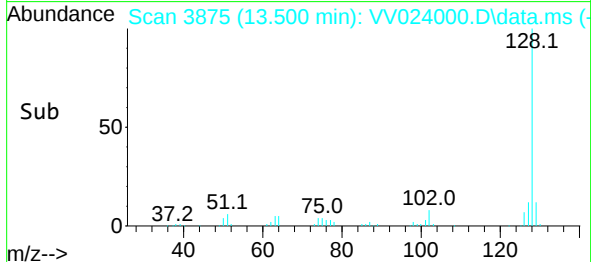
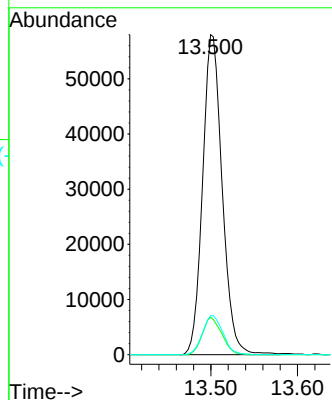


#71
Naphthalene
Concen: 4.802 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 90915
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.991 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024000.D
Acq: 16 Dec 2021 09:57

Tgt Ion:180 Resp: 58045
Ion Ratio Lower Upper
180 100
182 98.5 76.8 115.2
145 31.8 25.8 38.6

