

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043617.D
 Acq On : 30 Oct 2024 12:29
 Operator : JC/MD
 Sample : P4560-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 09:42:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

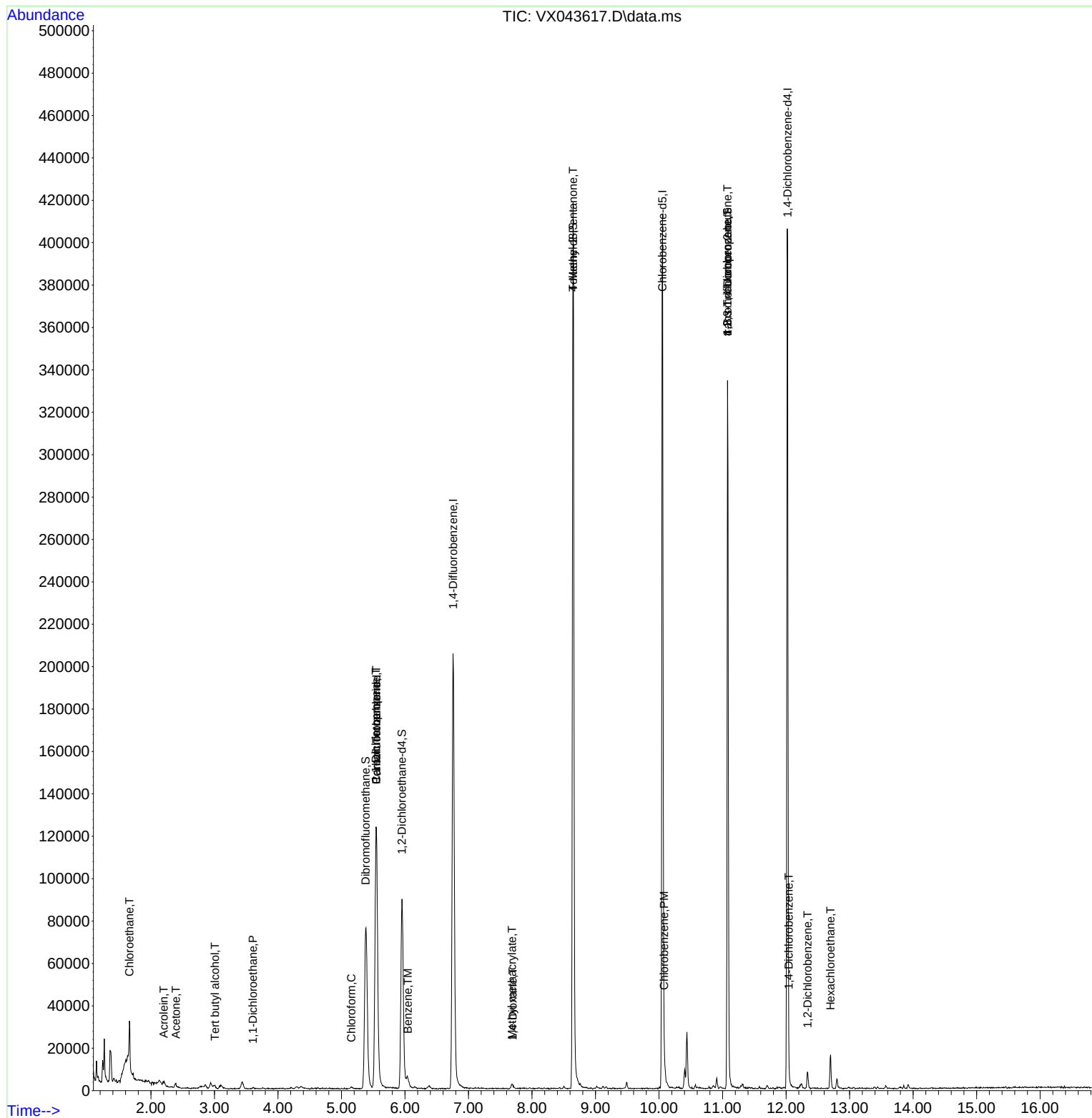
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	123390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87314	44.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.760%
35) Dibromofluoromethane	5.379	113	71028	45.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.500%
50) Toluene-d8	8.647	98	262532	48.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	94993	47.697	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.400%
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	11129	20.178	ug/l	94
11) Tert butyl alcohol	3.008	59	2148	5.849	ug/l #	100
13) Acrolein	2.203	56	61	0.212	ug/l #	1
16) Acetone	2.392	43	2156	2.760	ug/l	100
24) 1,1-Dichloroethane	3.605	63	650	0.239	ug/l #	82
30) Chloroform	5.154	83	578	0.203	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	8875	4.821	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12864	6.324	ug/l #	16
40) Benzene	6.044	78	6424	1.046	ug/l	99
48) Methyl methacrylate	7.684	41	1054	0.601	ug/l #	28
49) 1,4-Dioxane	7.696	88	343	9.526	ug/l #	82
51) 4-Methyl-2-Pentanone	8.647	43	1387	0.616	ug/l #	1
65) Chlorobenzene	10.079	112	1621	0.369	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	46472	24.849	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	46472	68.361	ug/l #	7
88) 1,4-Dichlorobenzene	12.043	146	727	0.245	ug/l #	25
90) Hexachloroethane	12.701	117	263	0.309	ug/l #	17
91) 1,2-Dichlorobenzene	12.341	146	2930	0.999	ug/l	95

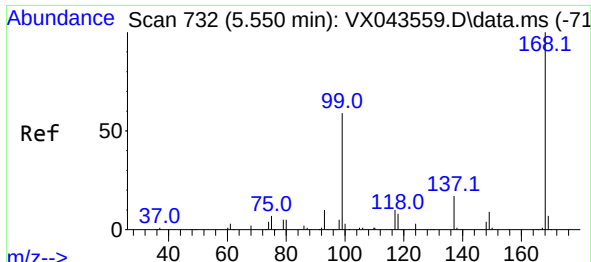
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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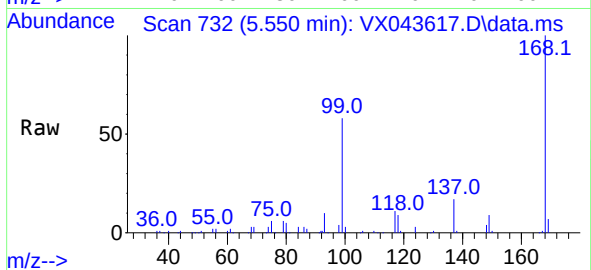
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
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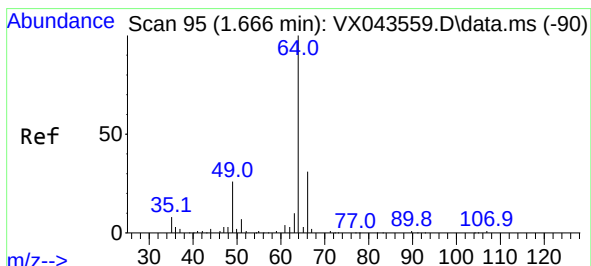
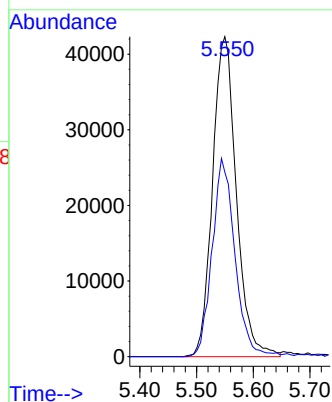


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :

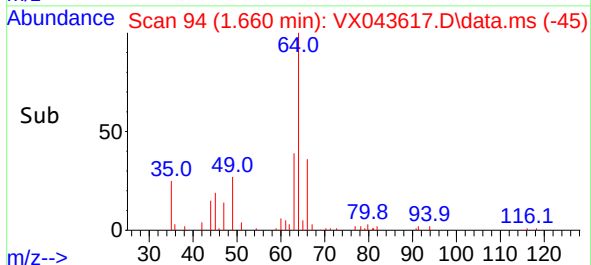
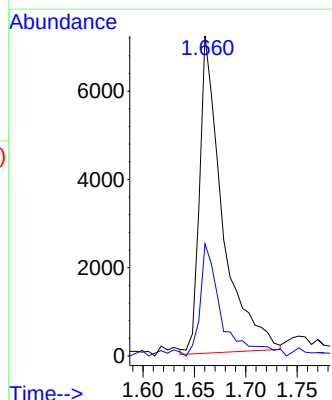
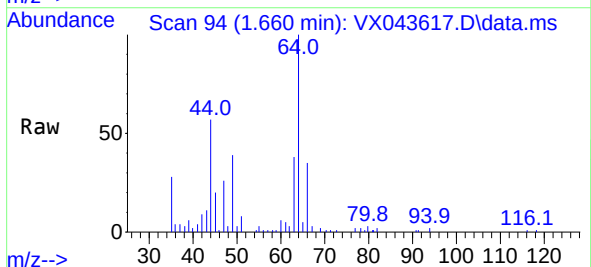


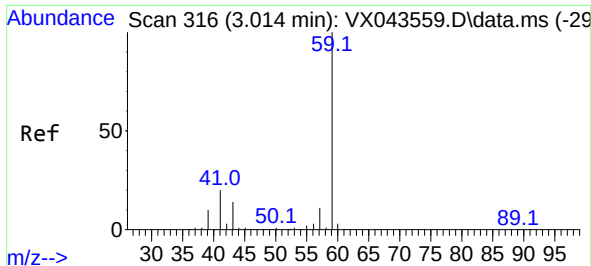
Tgt Ion:168 Resp: 123390
Ion Ratio Lower Upper
168 100
99 57.7 52.6 78.8



#6
Chloroethane
Concen: 20.178 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 64 Resp: 11129
Ion Ratio Lower Upper
64 100
66 34.4 25.1 37.7

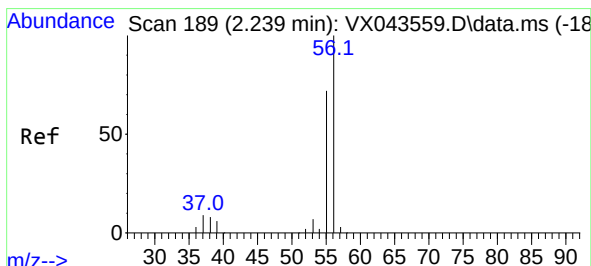
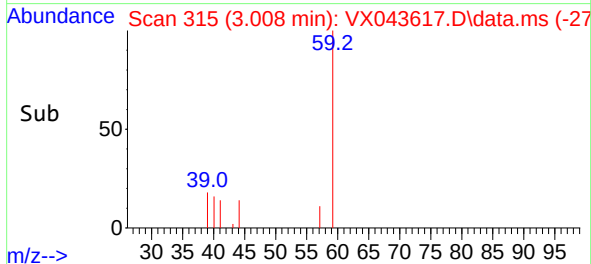
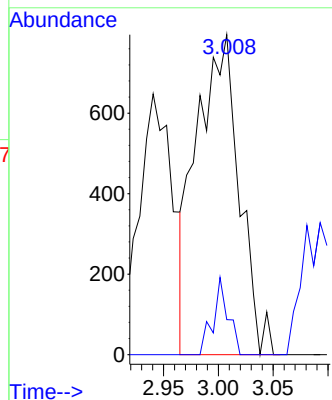
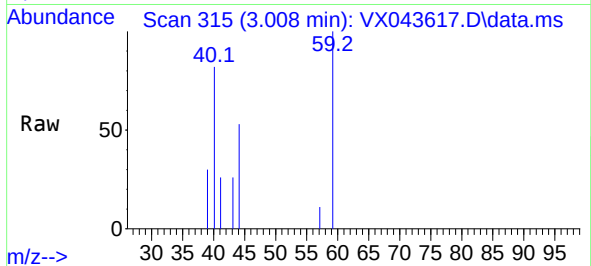




#11
Tert butyl alcohol
Concen: 5.849 ug/l
RT: 3.008 min Scan# 31
Delta R.T. -0.042 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

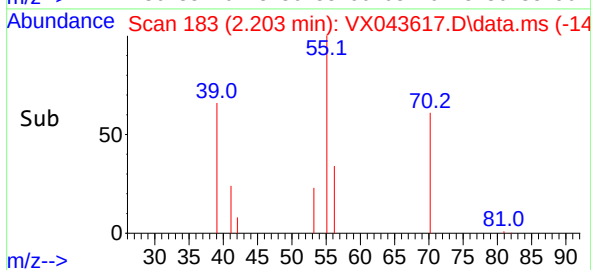
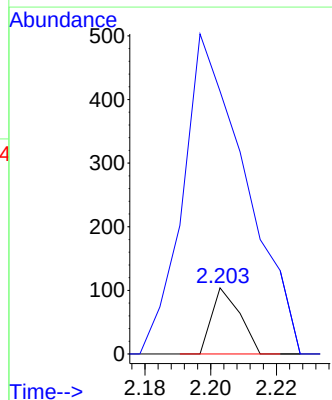
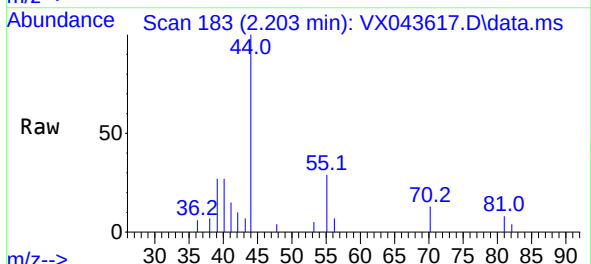
Instrument :
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ClientSampleId :

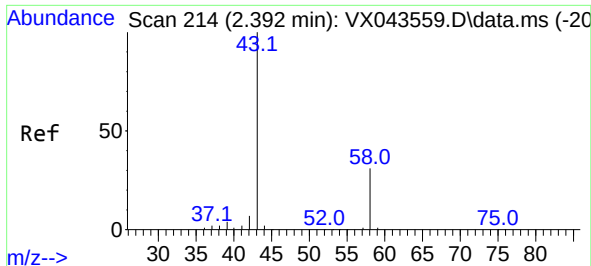
Tgt Ion: 59 Resp: 2148
Ion Ratio Lower Upper
59 100
57 8.5 0.0 0.0#



#13
Acrolein
Concen: 0.212 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 1091.8 55.3 82.9#

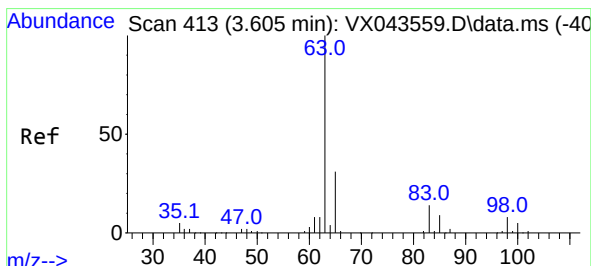
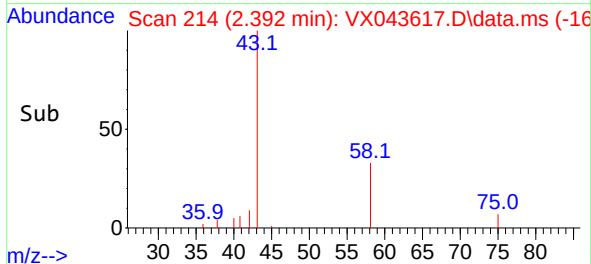
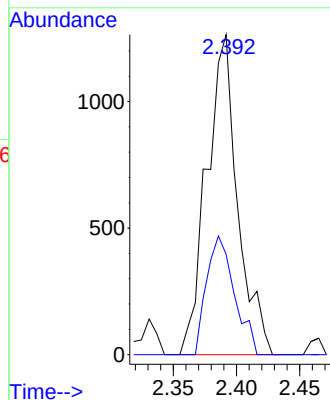
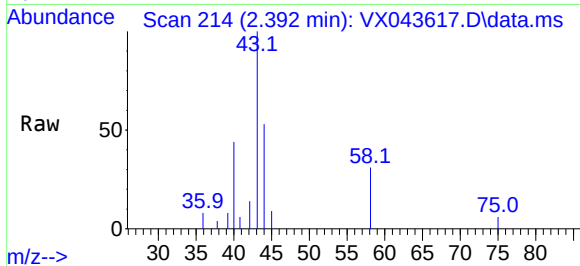




#16
Acetone
Concen: 2.760 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

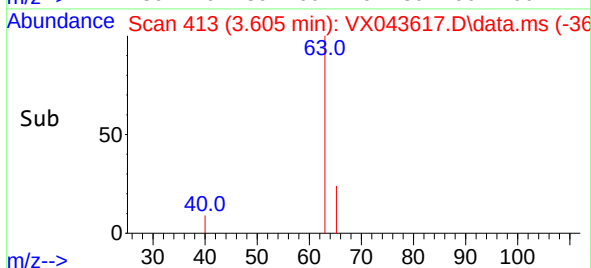
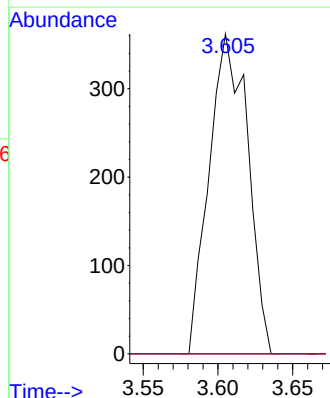
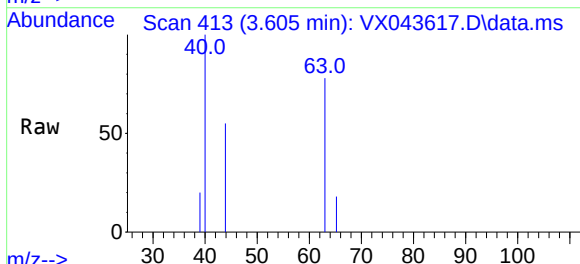
Instrument :
MSVOA_X
ClientSampleId :

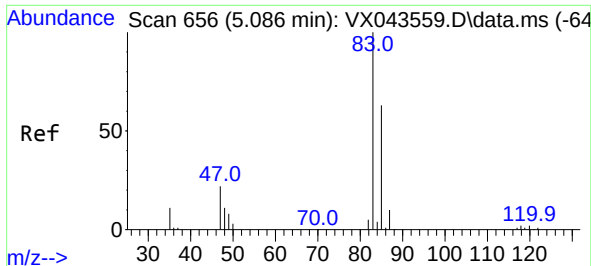
Tgt Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
58 31.3 25.1 37.7



#24
1,1-Dichloroethane
Concen: 0.239 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 63 Resp: 650
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.4 7.2#

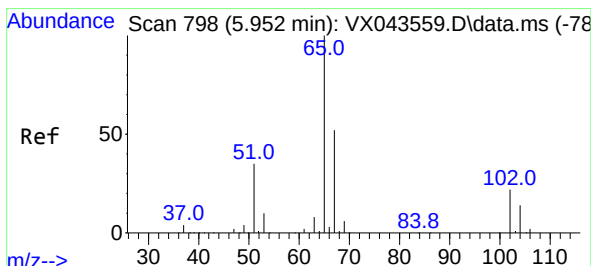
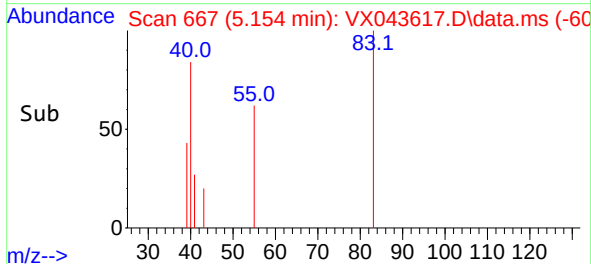
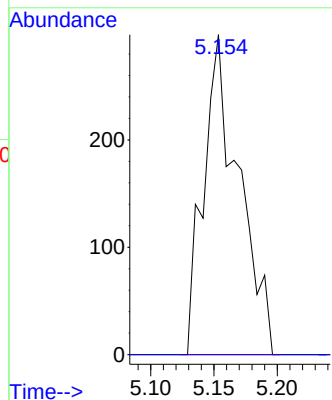
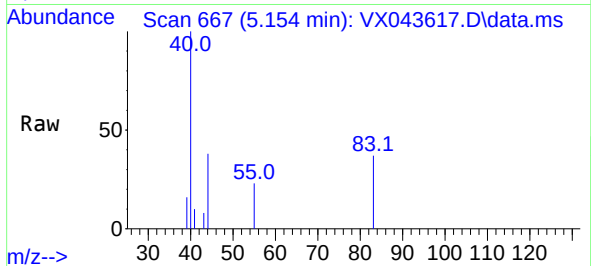




#30
Chloroform
Concen: 0.203 ug/l
RT: 5.154 min Scan# 60
Delta R.T. 0.061 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

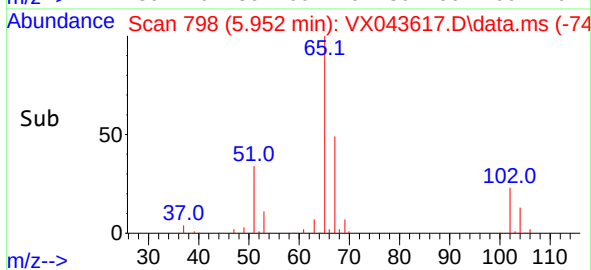
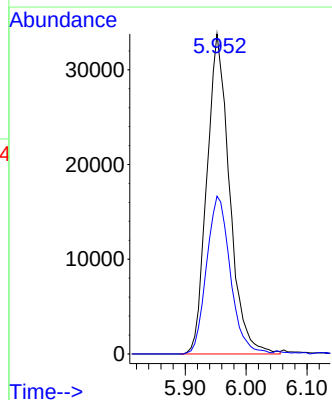
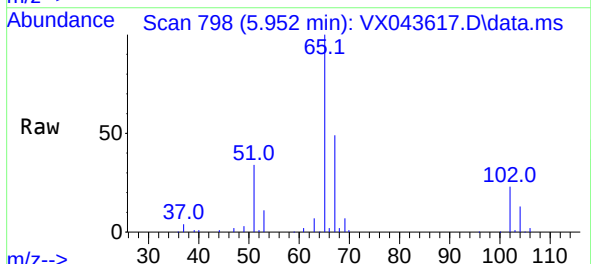
Instrument :
MSVOA_X
ClientSampleId :

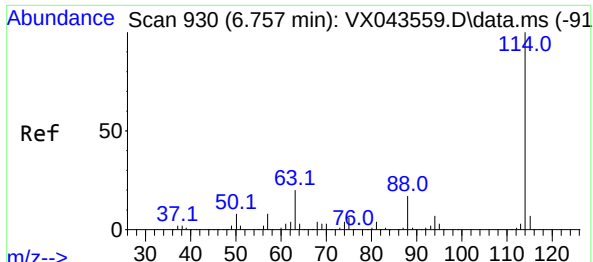
Tgt Ion: 83 Resp: 578
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#33
1,2-Dichloroethane-d4
Concen: 44.379 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 65 Resp: 87314
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



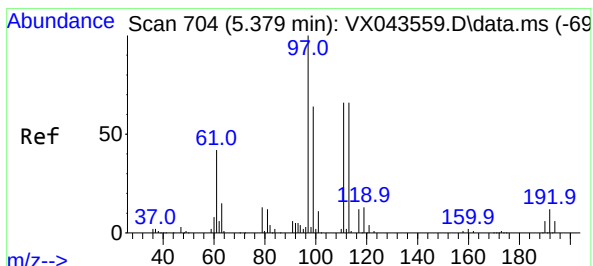
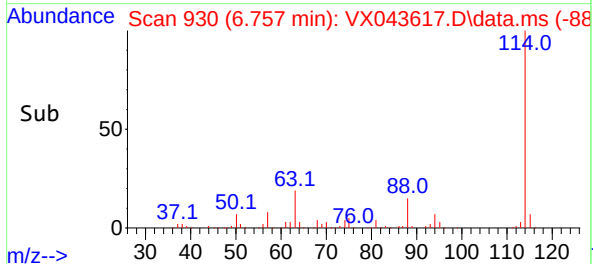
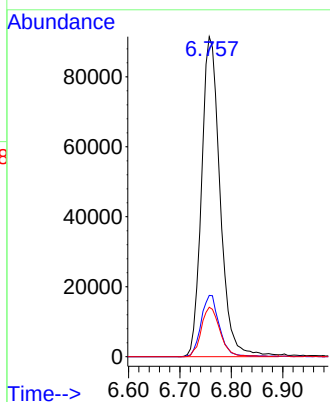
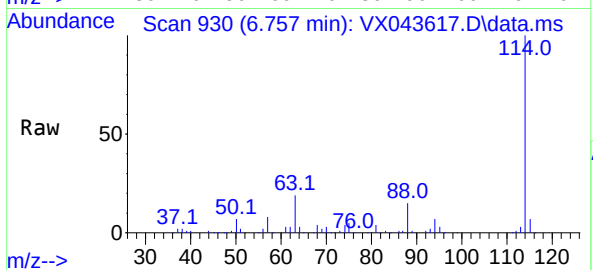


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 228971

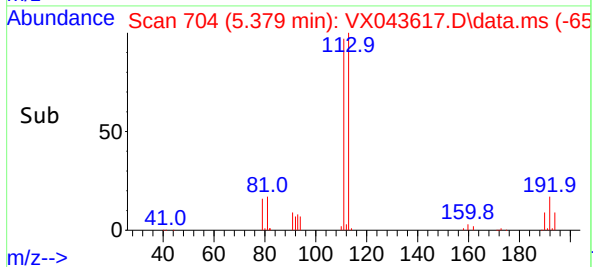
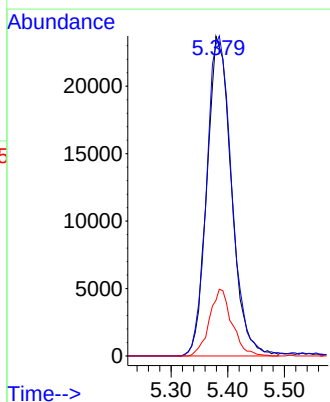
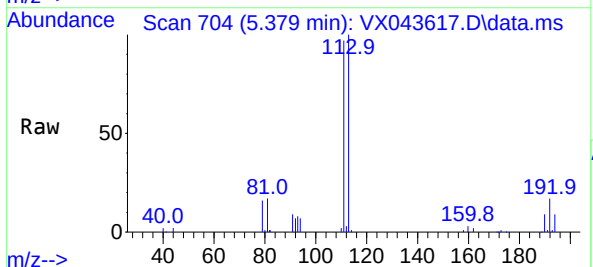
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.2
88	15.5	0.0	34.0

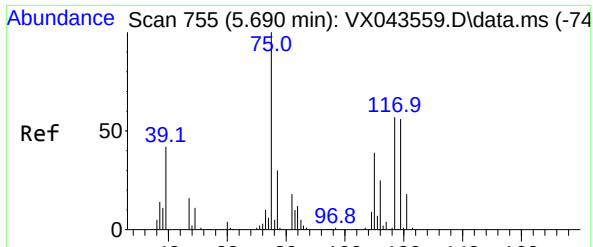


#35
Dibromofluoromethane
Concen: 45.746 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion:113 Resp: 71028

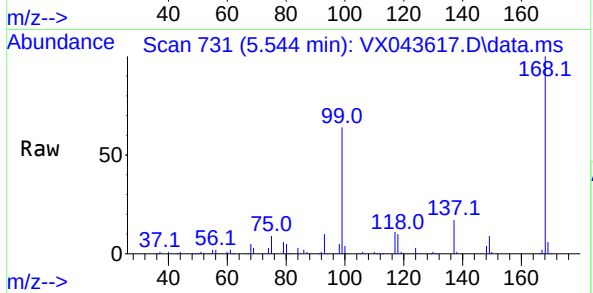
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	19.1	14.1	21.1



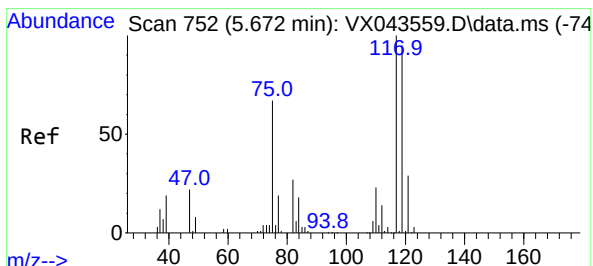
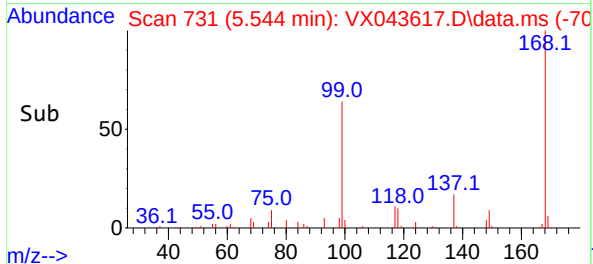
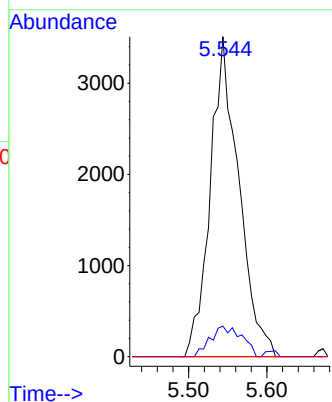


#36
1,1-Dichloropropene
Concen: 4.821 ug/l
RT: 5.544 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :

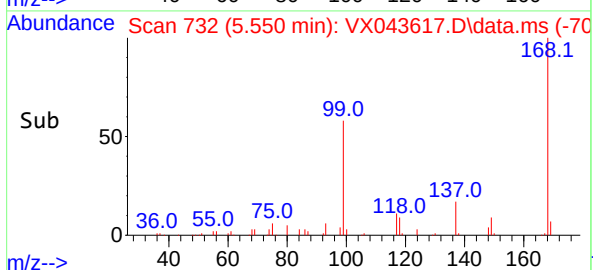
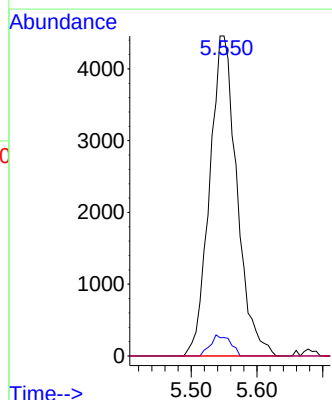
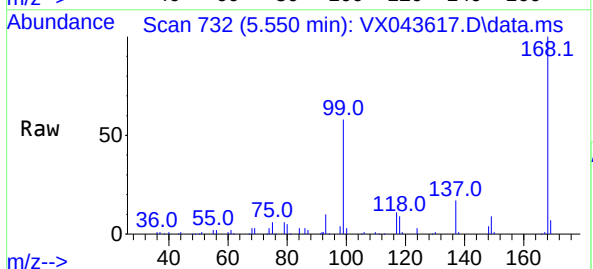


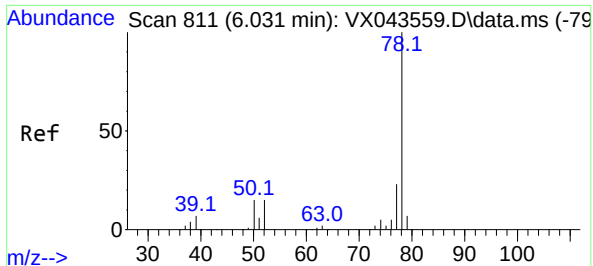
Tgt Ion: 75 Resp: 8875
Ion Ratio Lower Upper
75 100
110 10.5 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 117 Resp: 12864
Ion Ratio Lower Upper
117 100
119 5.7 77.0 115.6#
121 0.0 24.7 37.1#

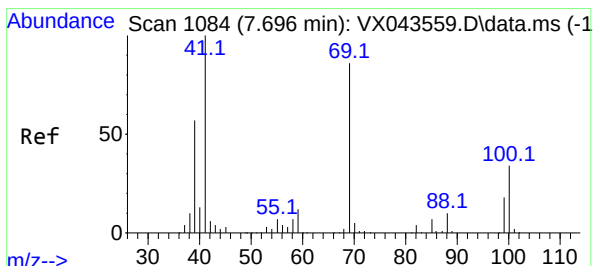
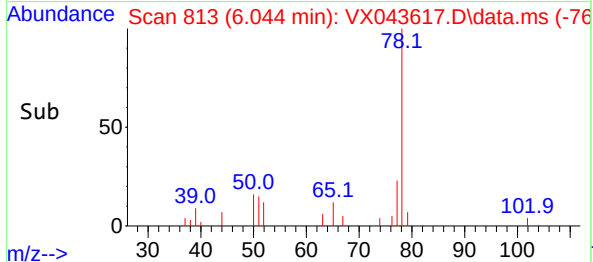
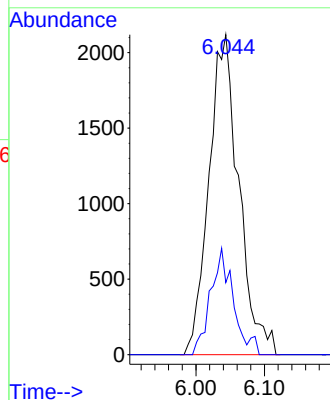
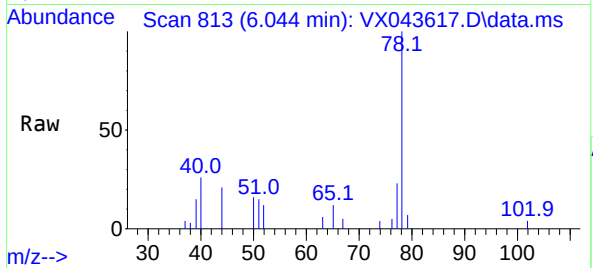




#40
Benzene
Concen: 1.046 ug/l
RT: 6.044 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

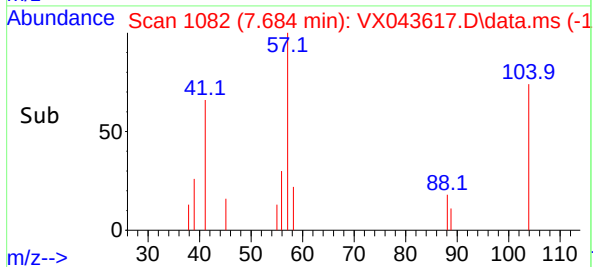
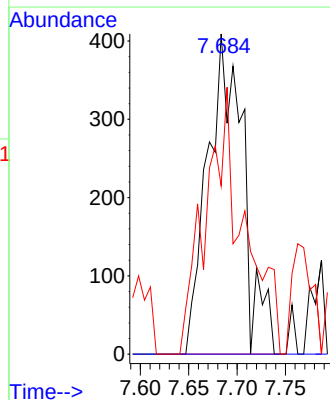
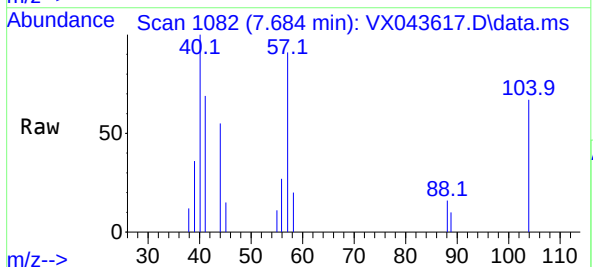
Instrument :
MSVOA_X
ClientSampleId :

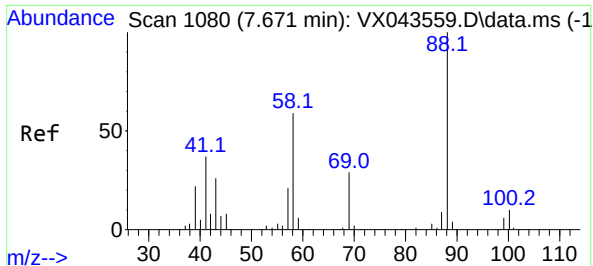
Tgt Ion: 78 Resp: 6424
Ion Ratio Lower Upper
78 100
77 22.6 18.4 27.6



#48
Methyl methacrylate
Concen: 0.601 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.012 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 41 Resp: 1054
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 89.0 46.3 69.5#





#49

1,4-Dioxane

Concen: 9.526 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.025 min

Lab File: VX043617.D

Acq: 30 Oct 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

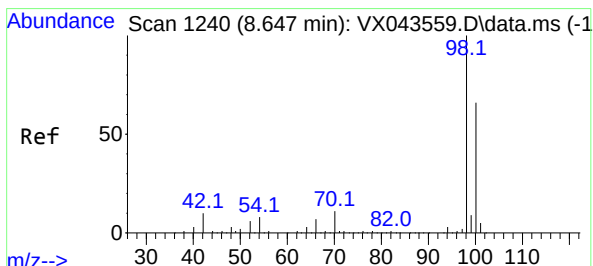
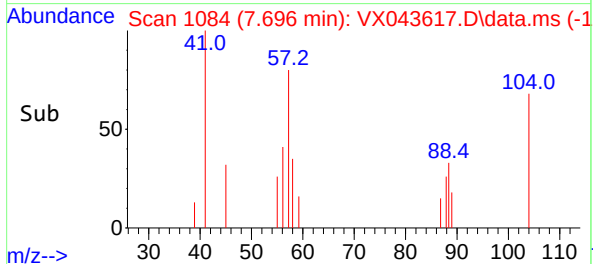
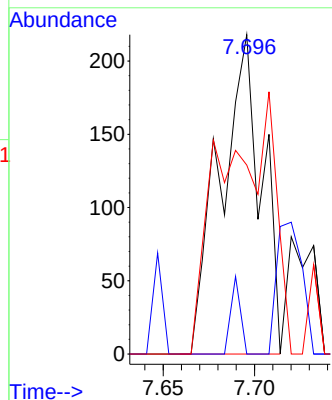
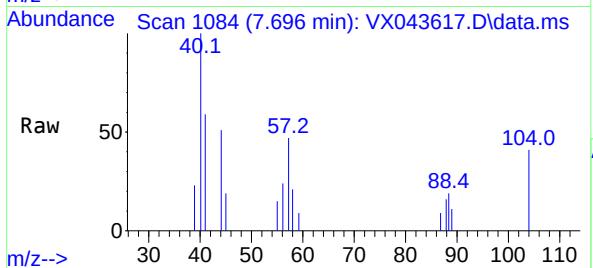
Tgt Ion: 88 Resp: 343

Ion Ratio Lower Upper

88 100

43 5.5 25.3 37.9#

58 64.4 53.9 80.9



#50

Toluene-d8

Concen: 48.846 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043617.D

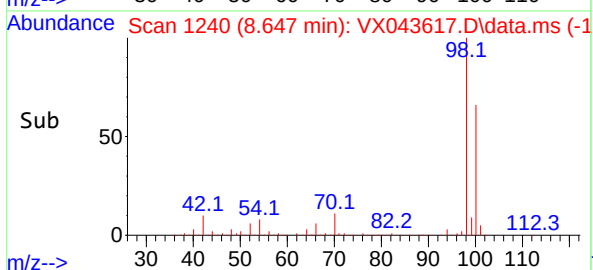
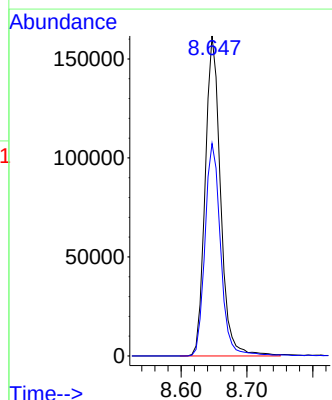
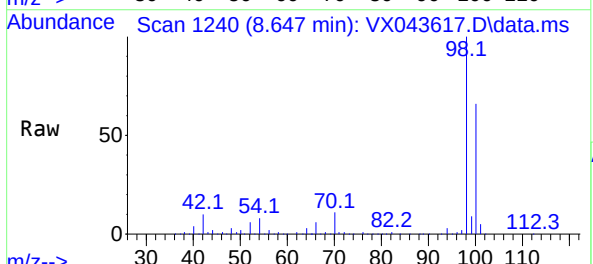
Acq: 30 Oct 2024 12:29

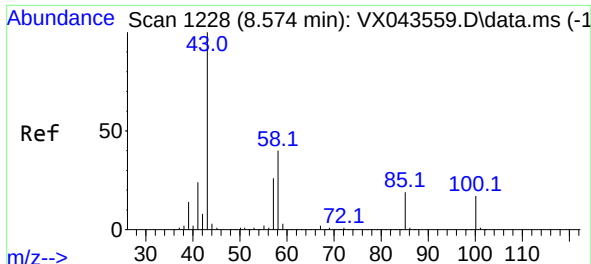
Tgt Ion: 98 Resp: 262532

Ion Ratio Lower Upper

98 100

100 67.7 53.4 80.2

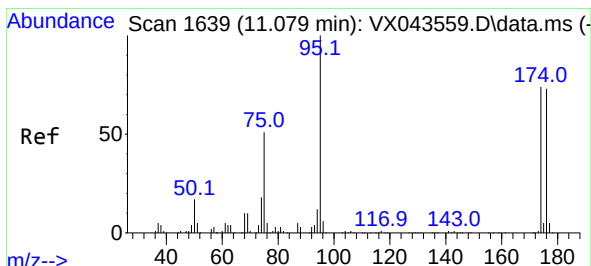
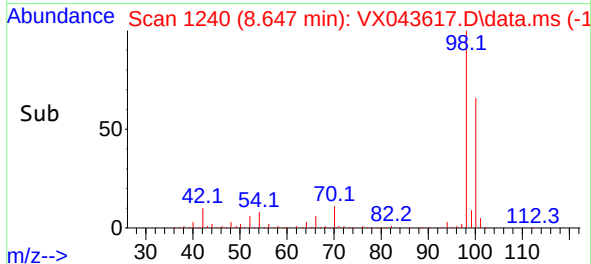
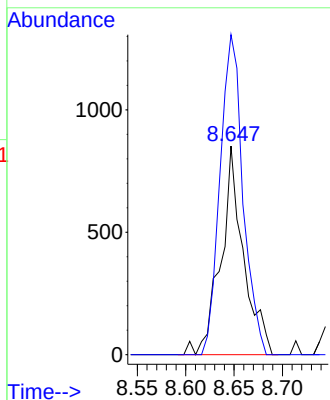
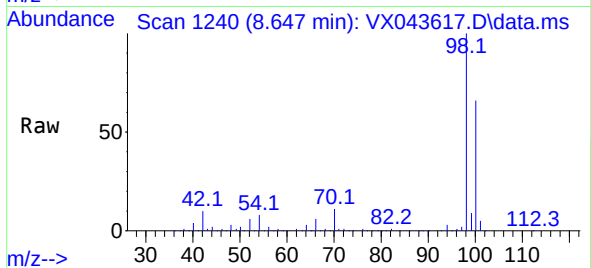




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

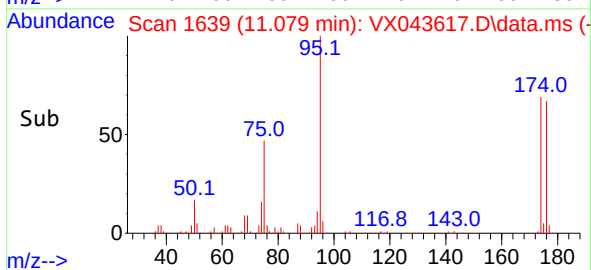
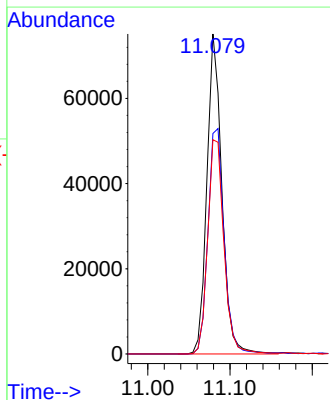
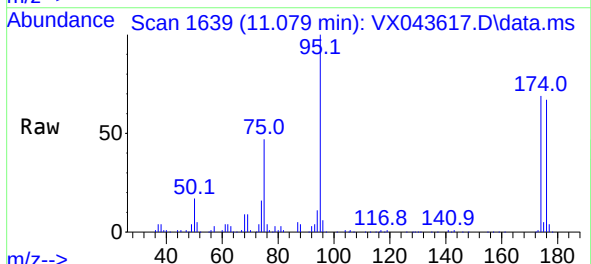
Instrument :
MSVOA_X
ClientSampleId :

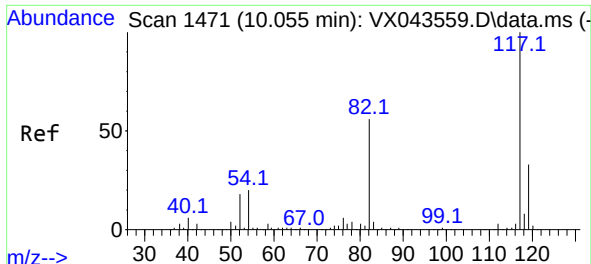
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 155.6 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 47.697 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 95 Resp: 94993
Ion Ratio Lower Upper
95 100
174 75.7 0.0 146.6
176 72.7 0.0 139.6

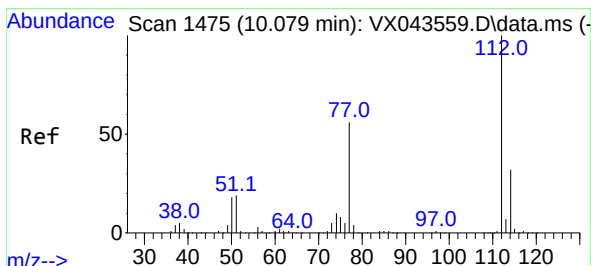
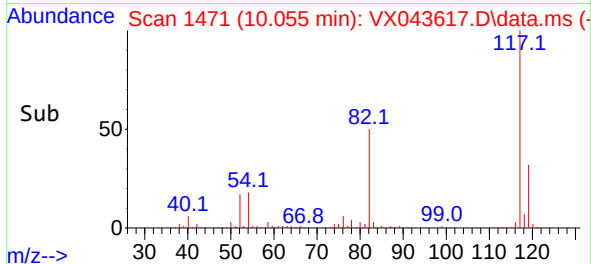
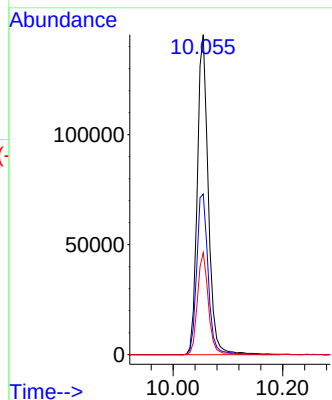
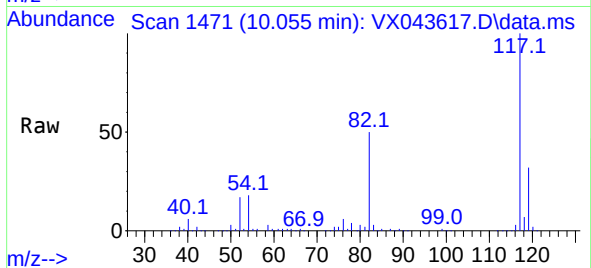




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

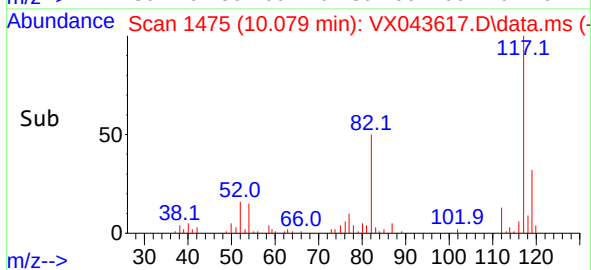
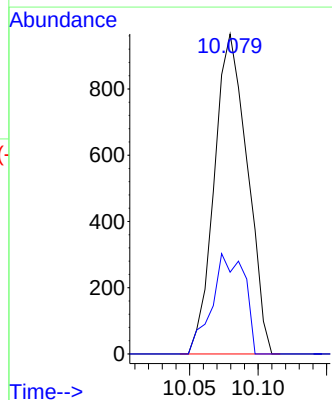
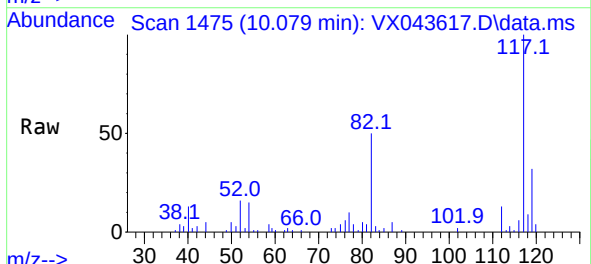
Instrument :
MSVOA_X
ClientSampleId :

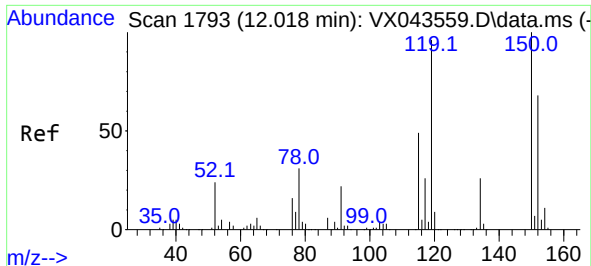
Tgt Ion:117 Resp: 204336
Ion Ratio Lower Upper
117 100
82 50.2 42.1 63.1
119 31.9 25.4 38.2



#65
Chlorobenzene
Concen: 0.369 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

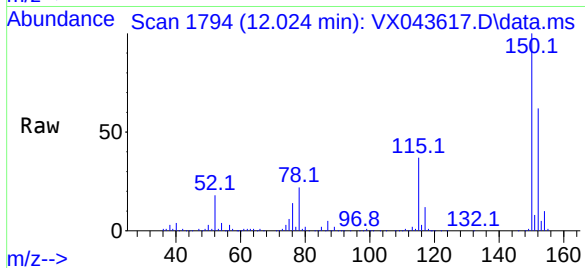
Tgt Ion:112 Resp: 1621
Ion Ratio Lower Upper
112 100
114 25.6 25.0 37.6



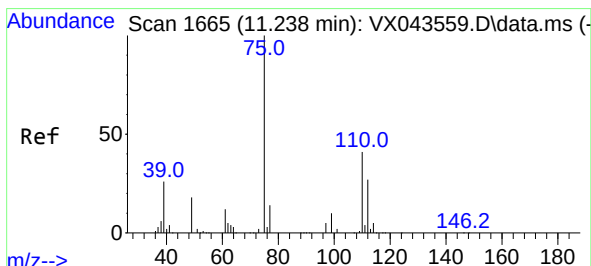
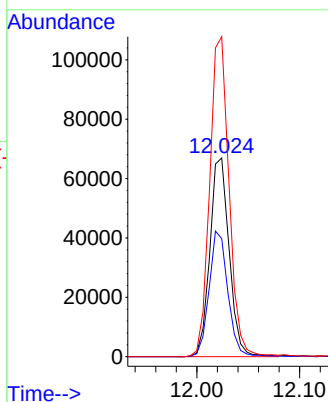
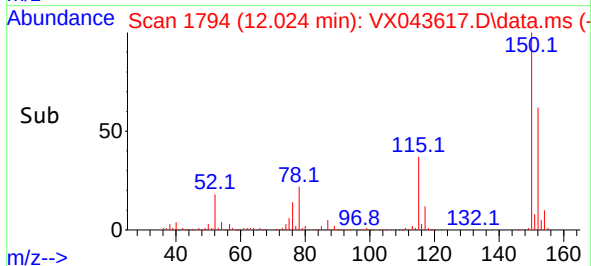


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

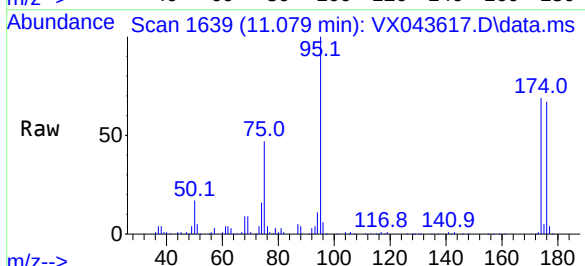
Instrument :
MSVOA_X
ClientSampleId :



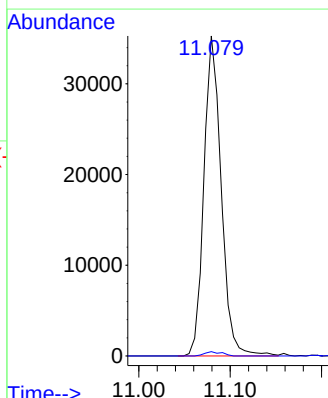
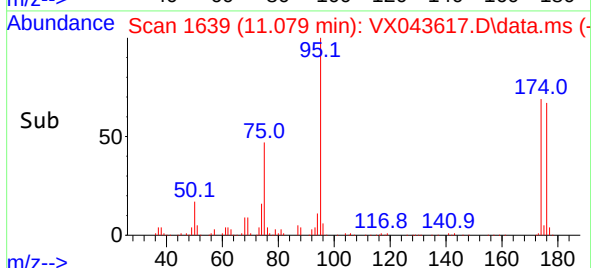
Tgt Ion:152 Resp: 87467
Ion Ratio Lower Upper
152 100
115 61.5 42.9 128.7
150 161.6 0.0 343.6

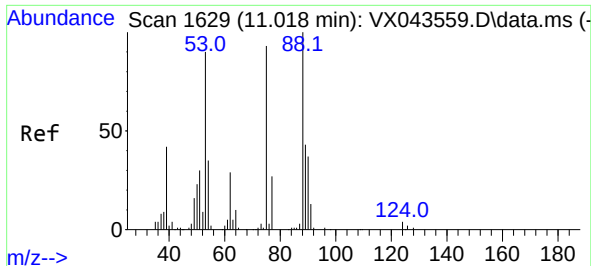


#76
1,2,3-Trichloropropane
Concen: 24.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29



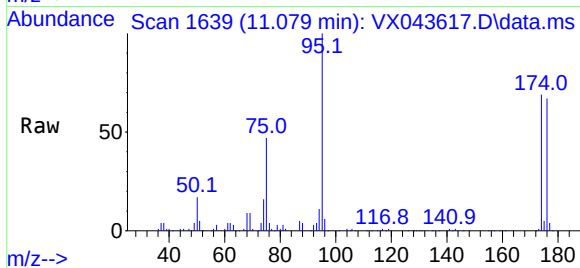
Tgt Ion: 75 Resp: 46472
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



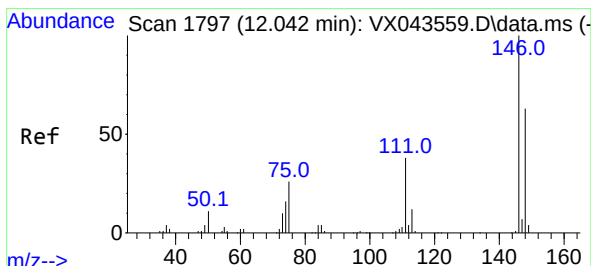
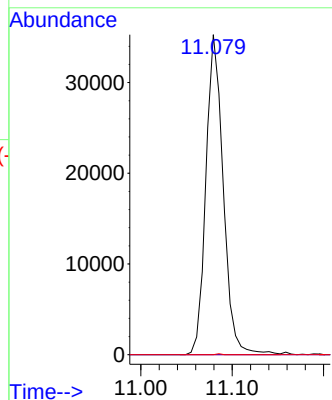
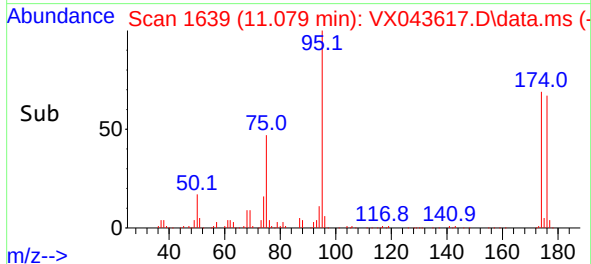


#81
trans-1,4-Dichloro-2-butene
Concen: 68.361 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :

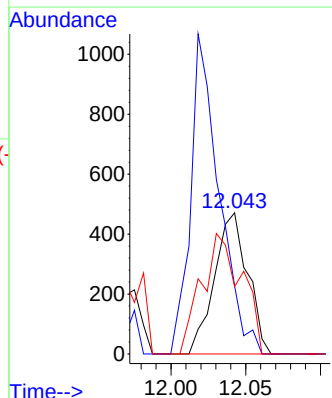
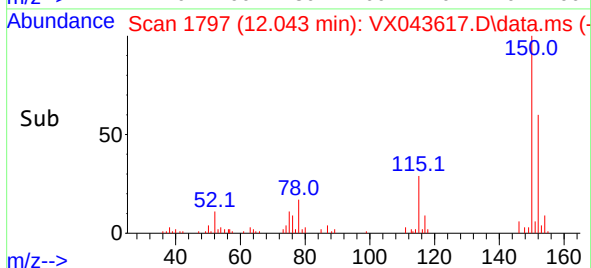
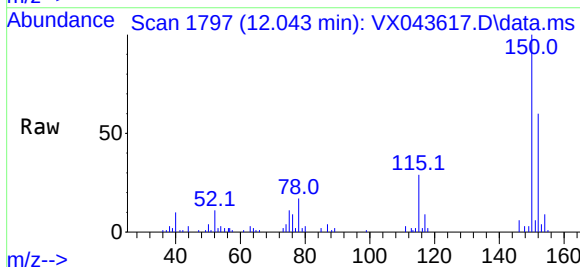


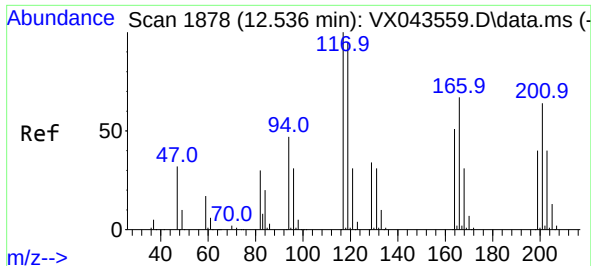
Tgt Ion: 75 Resp: 46472
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#



#88
1,4-Dichlorobenzene
Concen: 0.245 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion: 146 Resp: 727
Ion Ratio Lower Upper
146 100
111 0.0 20.4 61.3#
148 0.0 31.9 95.9#

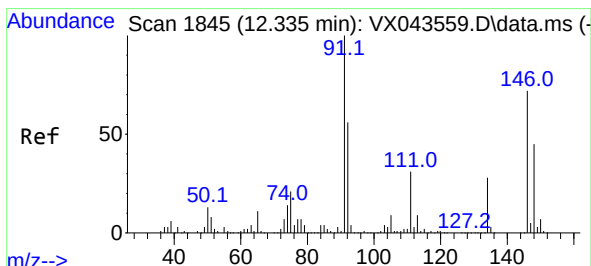
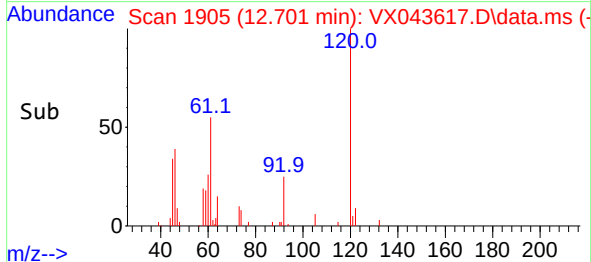
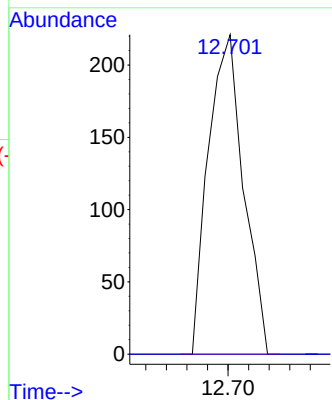
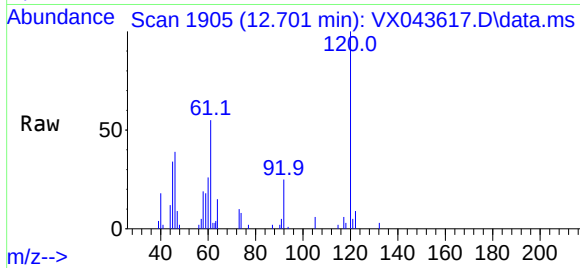




#90
Hexachloroethane
Concen: 0.309 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 263
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.7#



#91
1,2-Dichlorobenzene
Concen: 0.999 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX043617.D
Acq: 30 Oct 2024 12:29

Tgt Ion:146 Resp: 2930
Ion Ratio Lower Upper
146 100
111 38.9 21.6 64.6
148 66.1 31.6 95.0

