

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101624\
 Data File : VX043416.D
 Acq On : 16 Oct 2024 11:58
 Operator : JC/MD
 Sample : VX1016WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:50:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

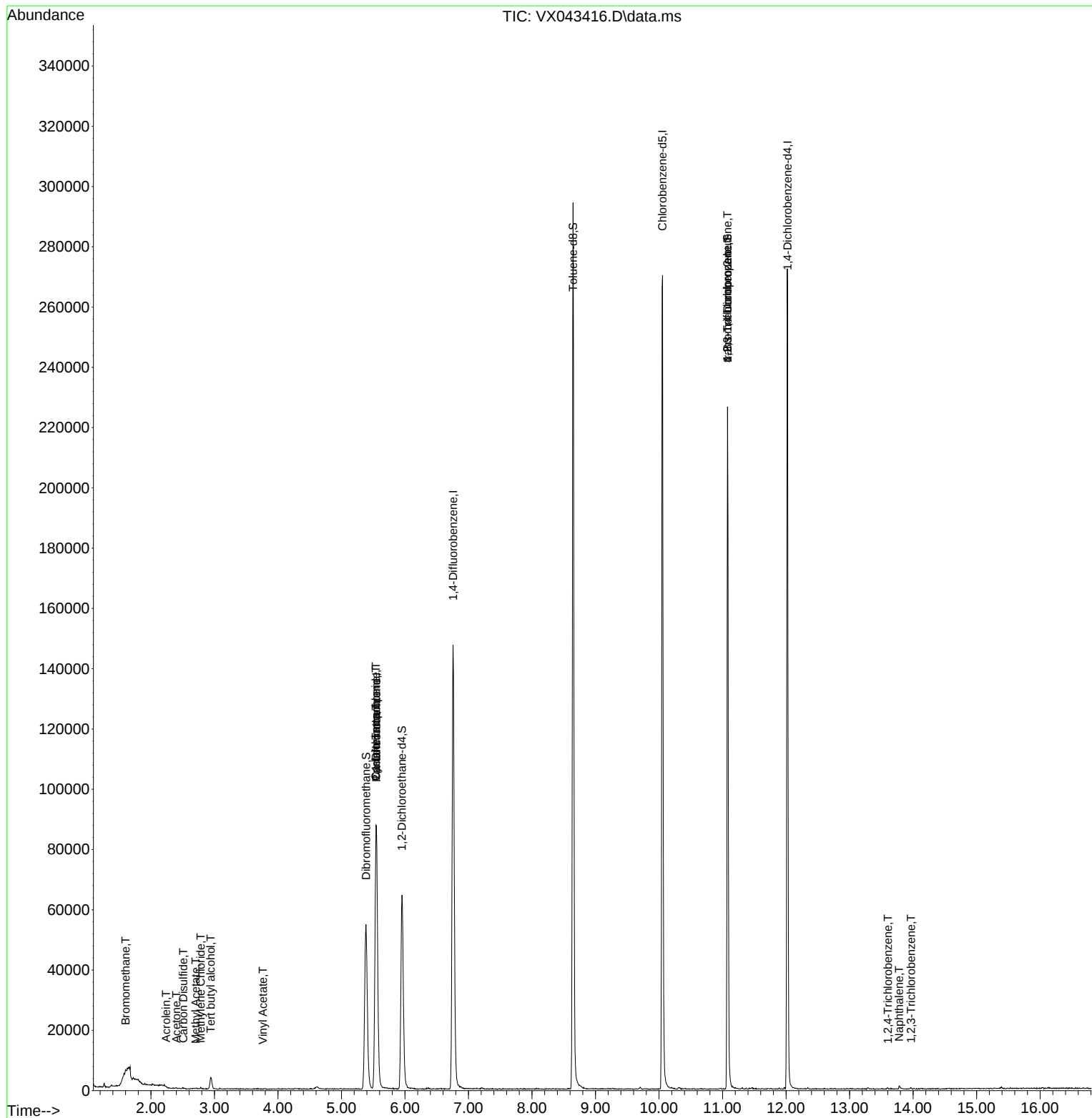
Internal Standards						
1) Pentafluorobenzene	5.550	168	80121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66833	51.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.160%
35) Dibromofluoromethane	5.385	113	48481	47.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.647	98	174082	49.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	62113	48.642	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	216	0.550	ug/l #	60
11) Tert butyl alcohol	2.941	59	2263	9.088	ug/l #	71
13) Acrolein	2.239	56	169	0.719	ug/l	91
16) Acetone	2.398	43	344	0.630	ug/l #	47
17) Carbon Disulfide	2.508	76	502	0.232	ug/l #	76
18) Methyl Acetate	2.703	43	304	0.222	ug/l #	51
20) Methylene Chloride	2.782	84	222	0.220	ug/l #	75
23) Vinyl Acetate	3.764	43	23	6.346	ug/l #	71
31) Cyclohexane	5.544	56	1981	1.403	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	7095	5.537	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8949	5.900	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	34740	28.924	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	34740	74.962	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.603	180	226	0.212	ug/l #	75
95) Naphthalene	13.780	128	1214	0.310	ug/l #	83
96) 1,2,3-Trichlorobenzene	13.969	180	254	0.231	ug/l	82

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
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QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

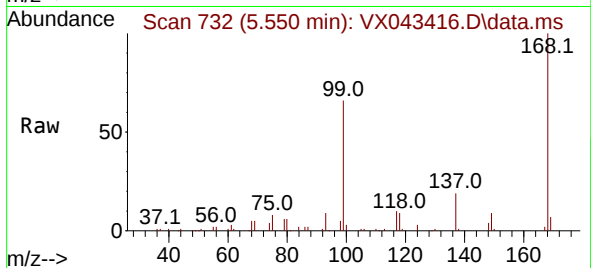
Lab File: VX043416.D

Acq: 16 Oct 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

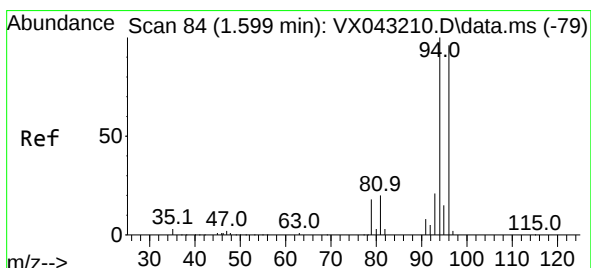
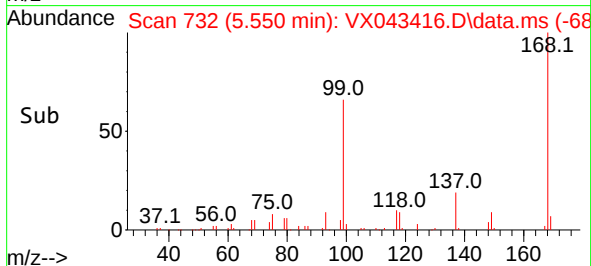
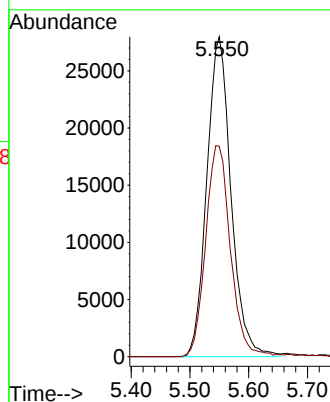


Tgt Ion:168 Resp: 80121

Ion Ratio Lower Upper

168 100

99 65.7 49.7 74.5



#5

Bromomethane

Concen: 0.550 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX043416.D

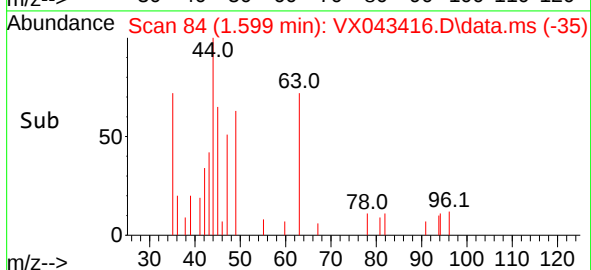
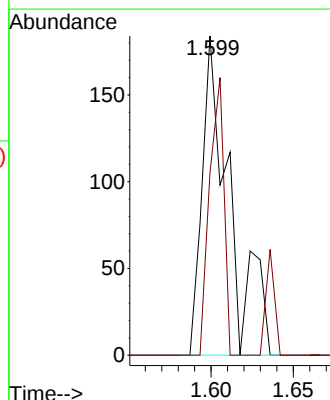
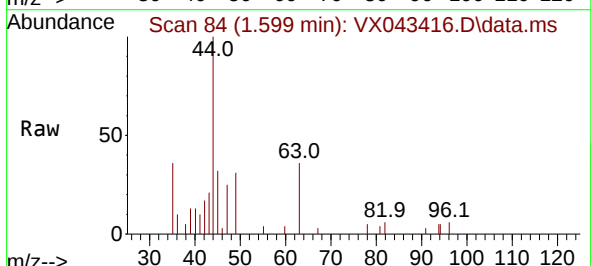
Acq: 16 Oct 2024 11:58

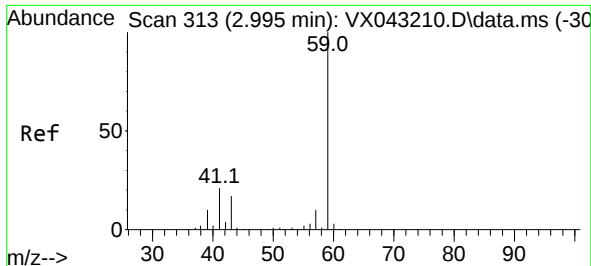
Tgt Ion: 94 Resp: 216

Ion Ratio Lower Upper

94 100

96 57.1 76.6 115.0#

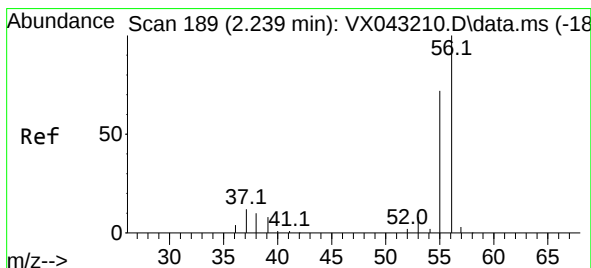
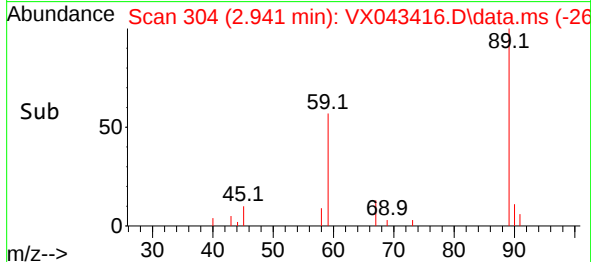
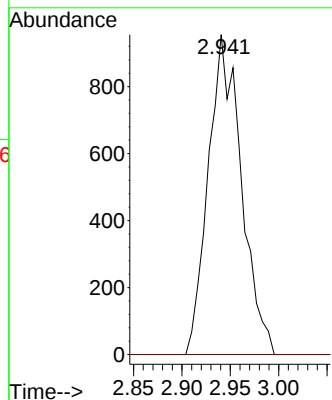
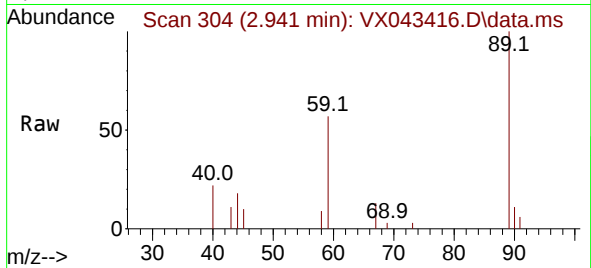




#11
Tert butyl alcohol
Concen: 9.088 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

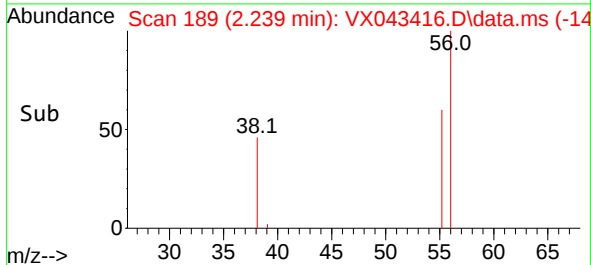
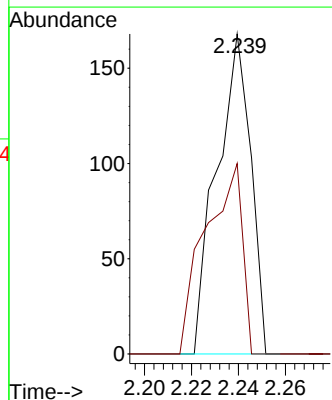
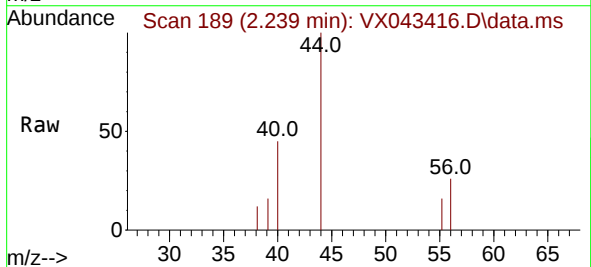
Instrument :
MSVOA_X
ClientSampleId :

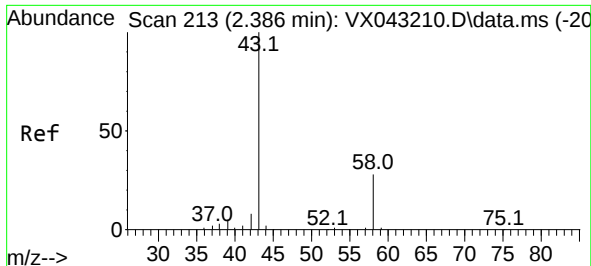
Tgt Ion: 59 Resp: 2263
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.719 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

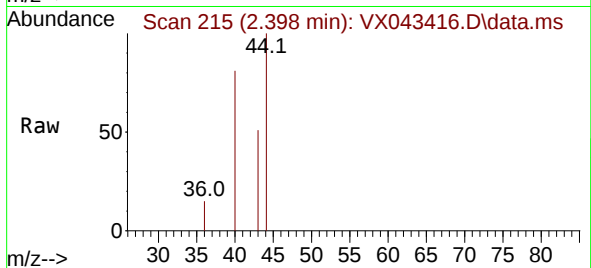
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 64.5 57.4 86.0



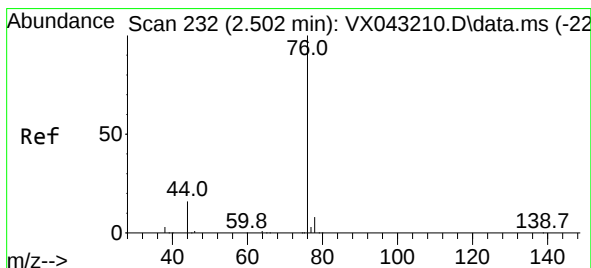
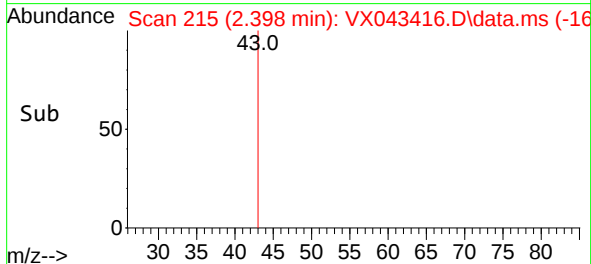
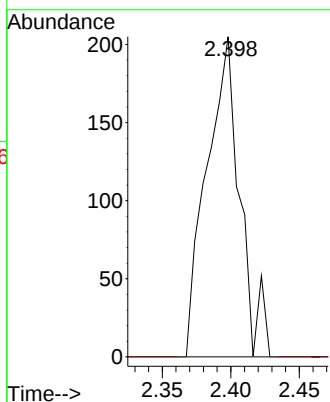


#16
Acetone
Concen: 0.630 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :

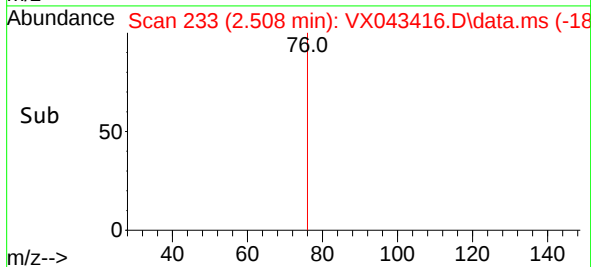
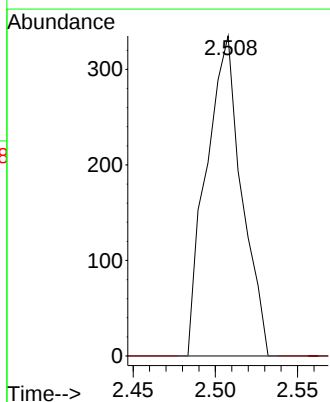
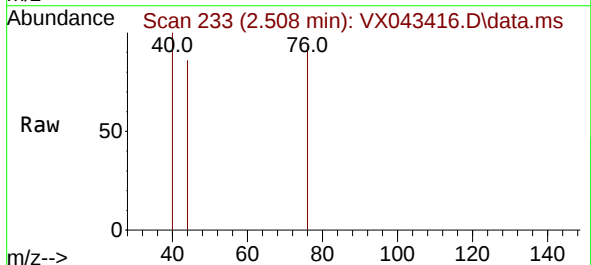


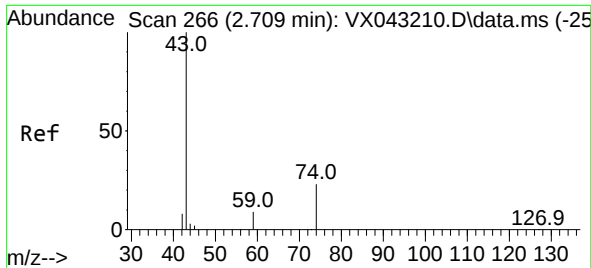
Tgt Ion: 43 Resp: 344
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

Tgt Ion: 76 Resp: 502
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#

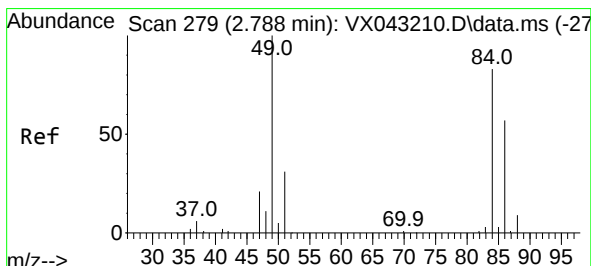
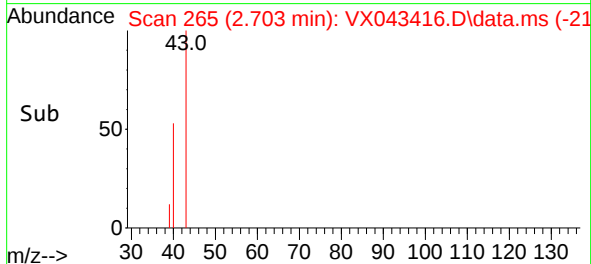
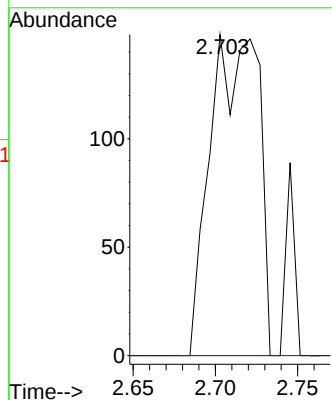
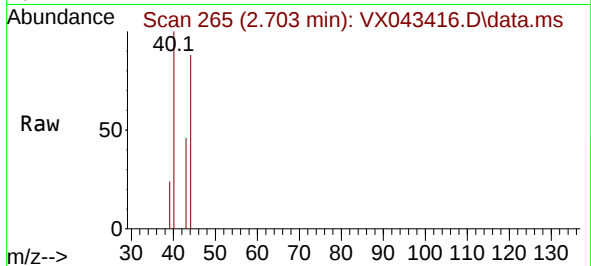




#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

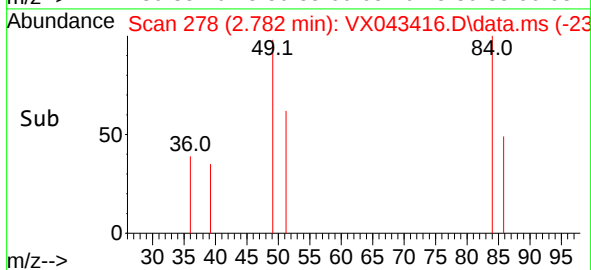
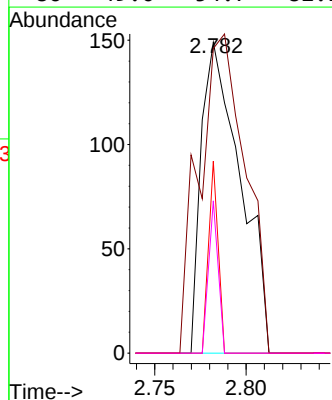
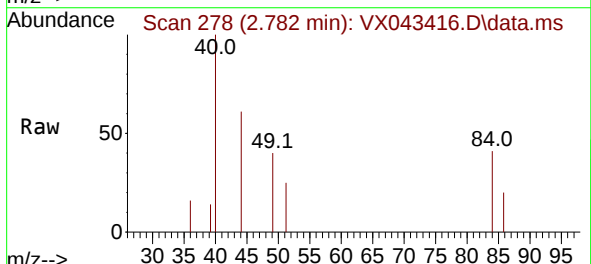
Instrument :
MSVOA_X
ClientSampleId :

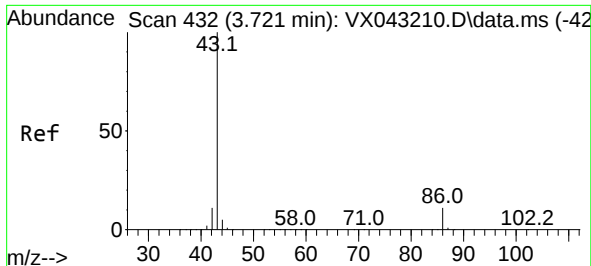
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

Tgt Ion: 84 Resp: 222
Ion Ratio Lower Upper
84 100
49 98.0 96.7 145.1
51 61.7 30.4 45.6#
86 49.0 54.7 82.1#

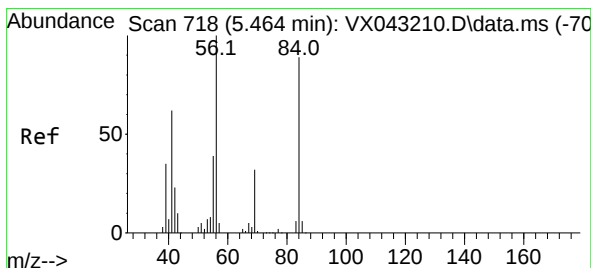
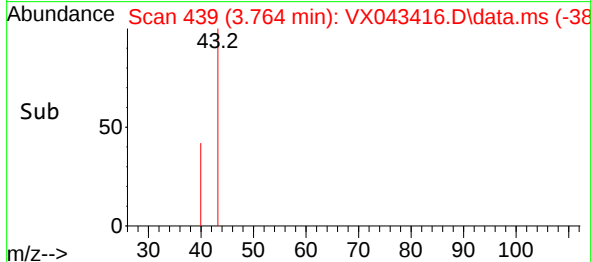
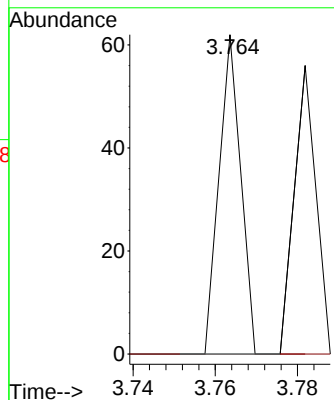
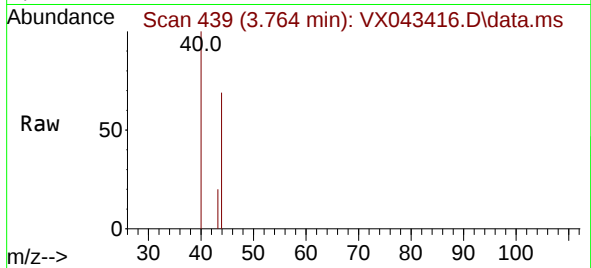




#23
 Vinyl Acetate
 Concen: 6.346 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.043 min
 Lab File: VX043416.D
 Acq: 16 Oct 2024 11:58

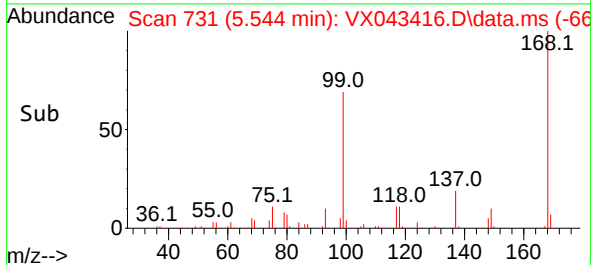
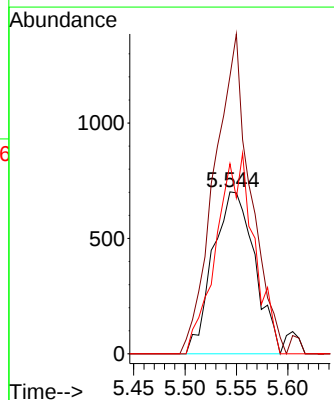
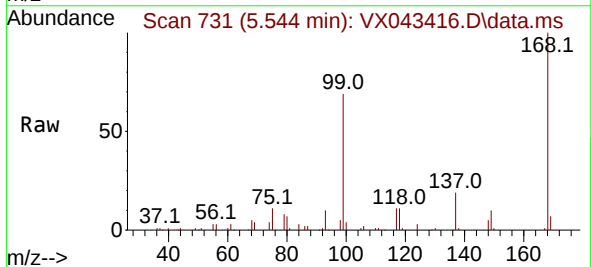
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 43 Resp: 23
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.403 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043416.D
 Acq: 16 Oct 2024 11:58

Tgt Ion: 56 Resp: 1981
 Ion Ratio Lower Upper
 56 100
 69 171.4 25.8 38.6#
 84 117.4 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 51.076 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043416.D

Acq: 16 Oct 2024 11:58

Instrument :

MSVOA_X

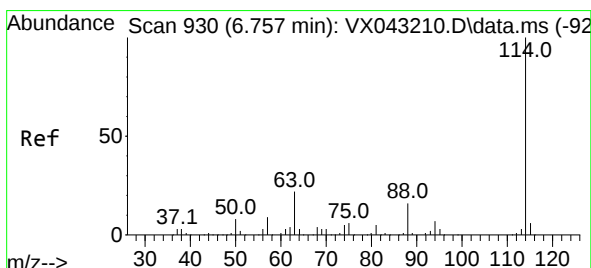
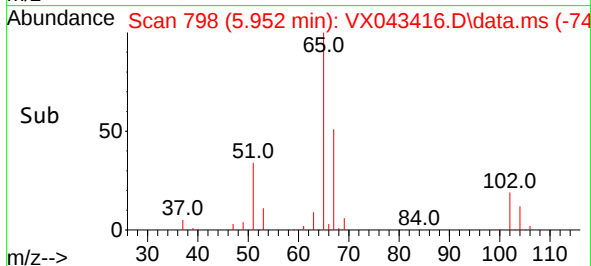
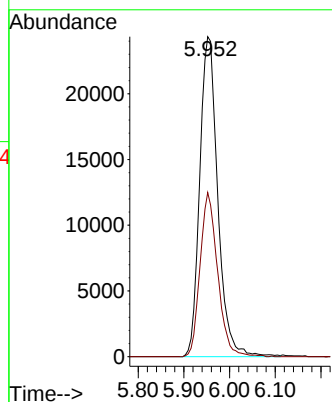
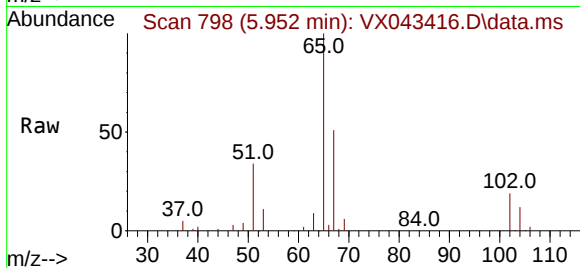
ClientSampleId :

Tgt Ion: 65 Resp: 66833

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043416.D

Acq: 16 Oct 2024 11:58

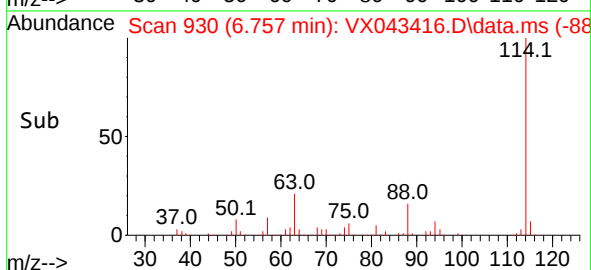
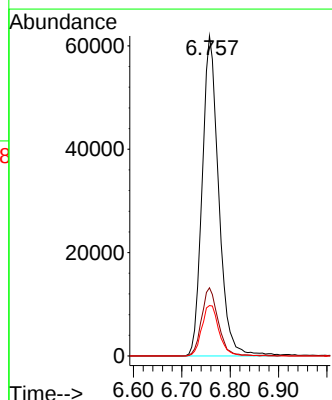
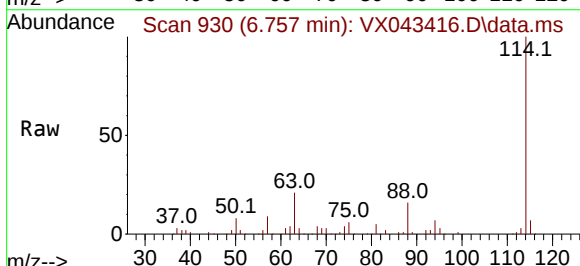
Tgt Ion: 114 Resp: 147073

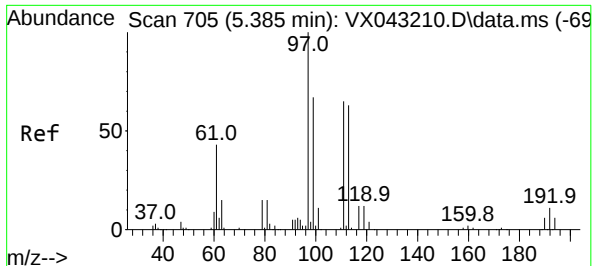
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

88 15.8 0.0 33.0

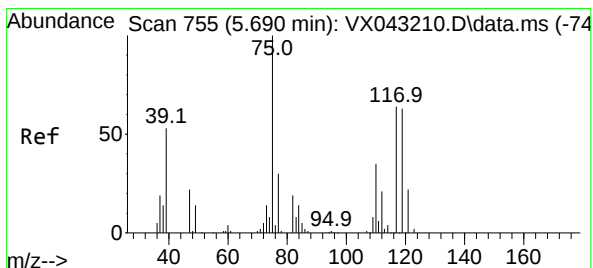
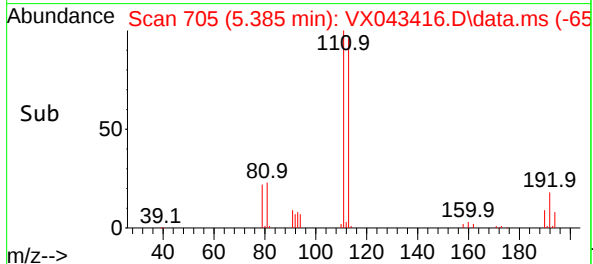
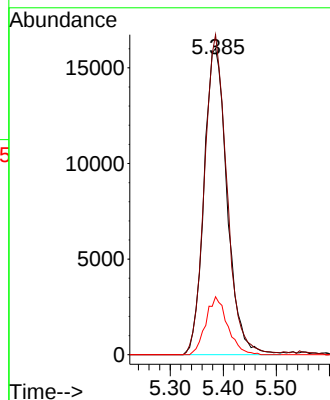
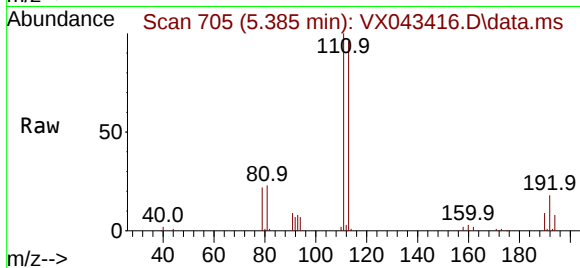




#35
Dibromofluoromethane
Concen: 47.799 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

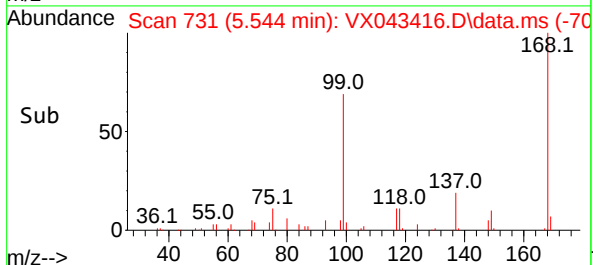
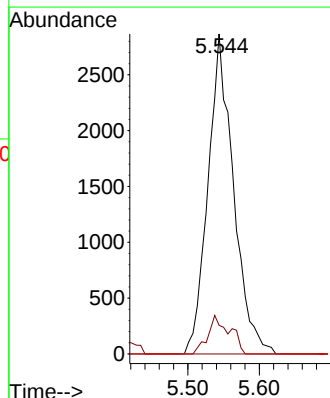
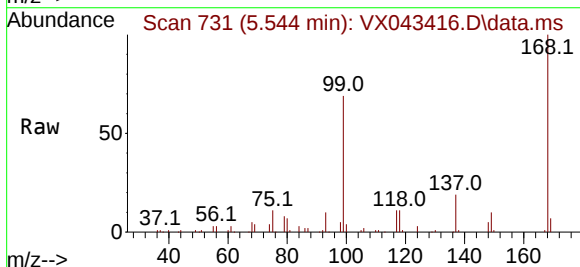
Instrument :
MSVOA_X
ClientSampleId :

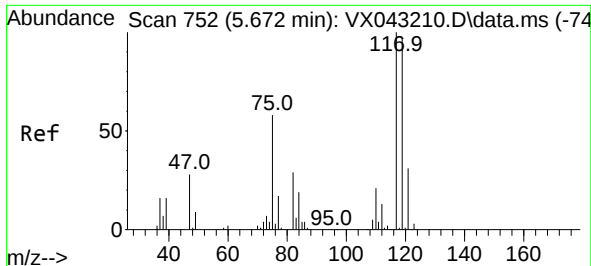
Tgt Ion:113 Resp: 48481
Ion Ratio Lower Upper
113 100
111 101.2 83.4 125.0
192 17.9 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.537 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

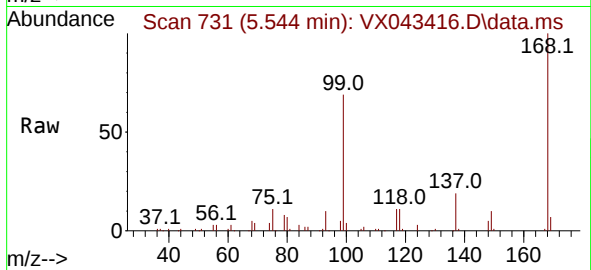
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Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.3#
77 0.0 24.9 37.3#



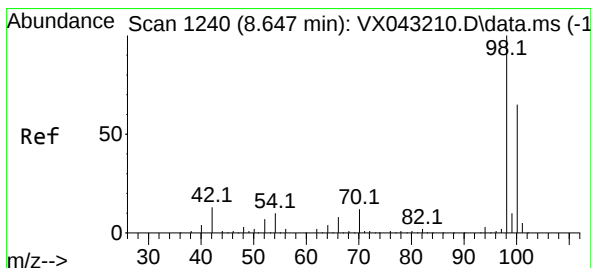
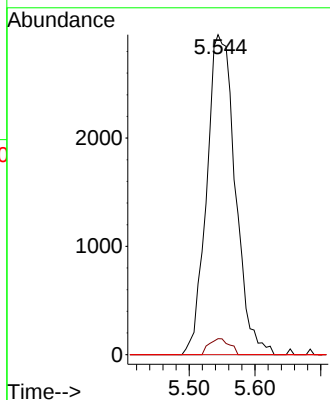
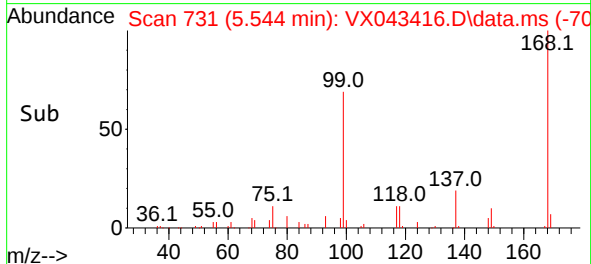


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :

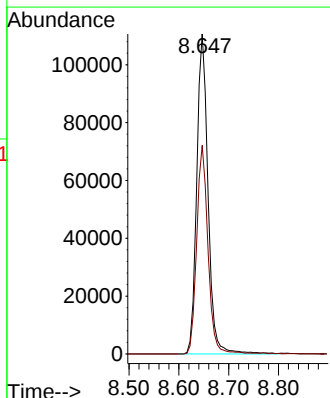
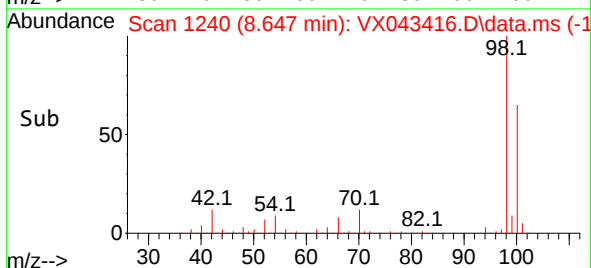
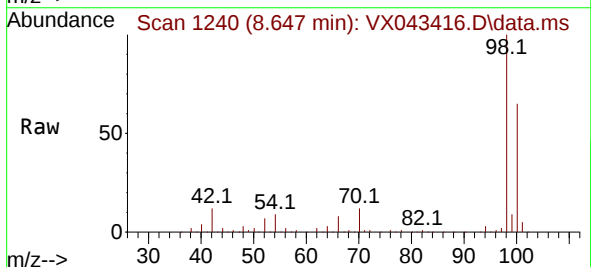


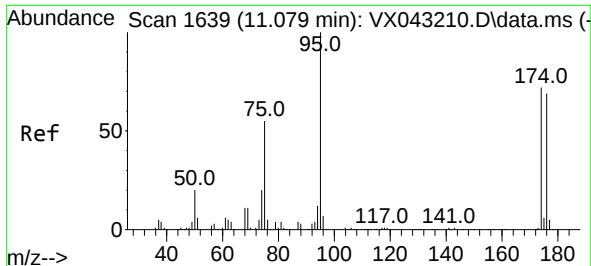
Tgt Ion:117 Resp: 8949
Ion Ratio Lower Upper
117 100
119 5.0 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.527 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

Tgt Ion: 98 Resp: 174082
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

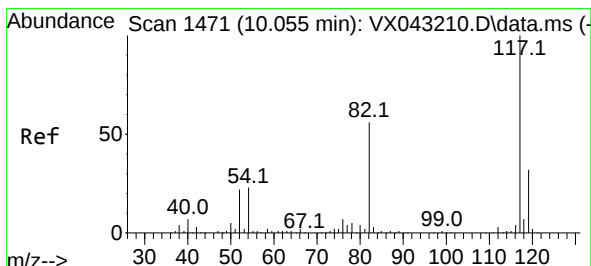
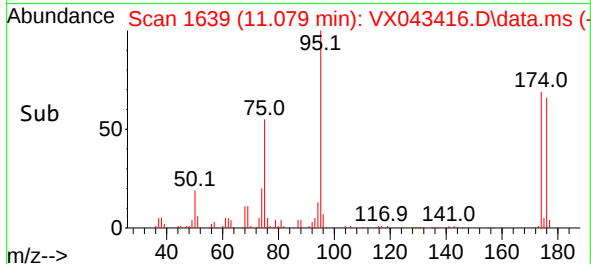
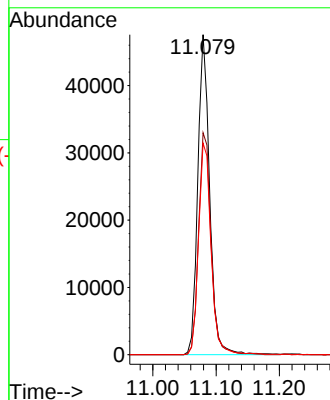
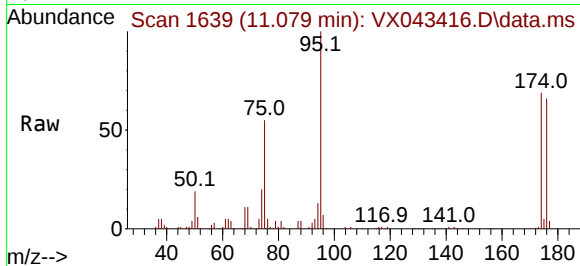




#62
4-Bromofluorobenzene
Concen: 48.642 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

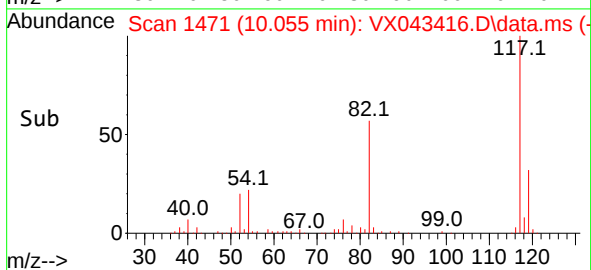
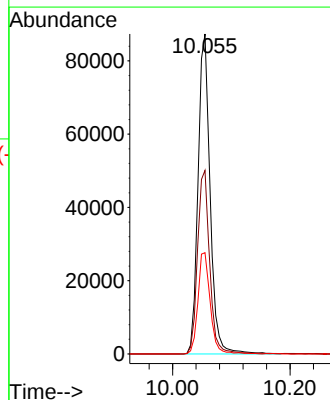
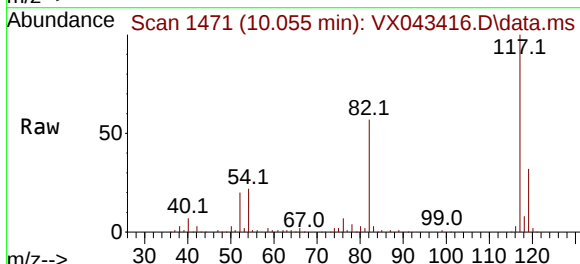
Instrument :
MSVOA_X
ClientSampleId :

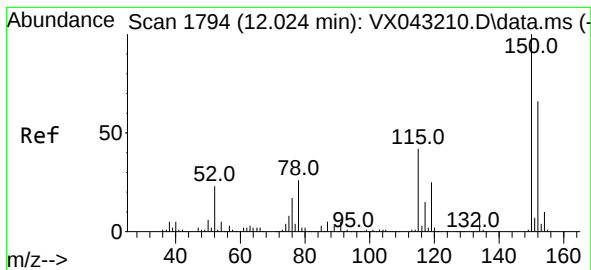
Tgt Ion: 95 Resp: 62113
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 69.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043416.D
Acq: 16 Oct 2024 11:58

Tgt Ion: 117 Resp: 124731
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.6
119 31.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043416.D

Acq: 16 Oct 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

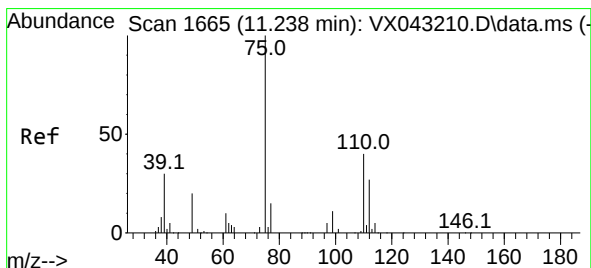
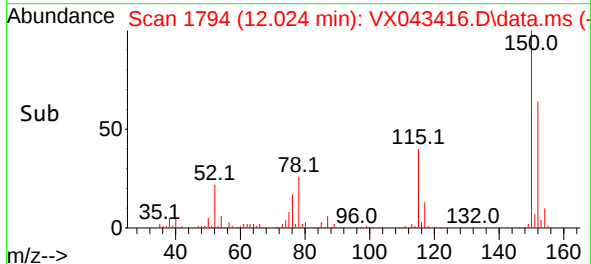
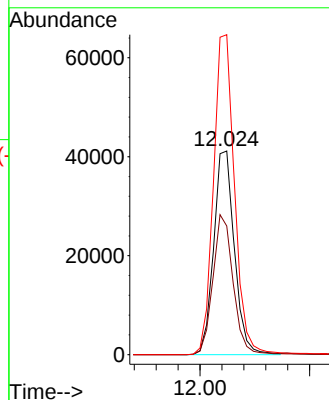
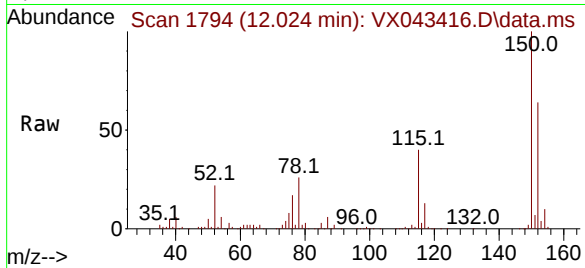
Tgt Ion:152 Resp: 54148

Ion Ratio Lower Upper

152 100

115 67.5 44.1 132.3

150 160.2 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.924 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043416.D

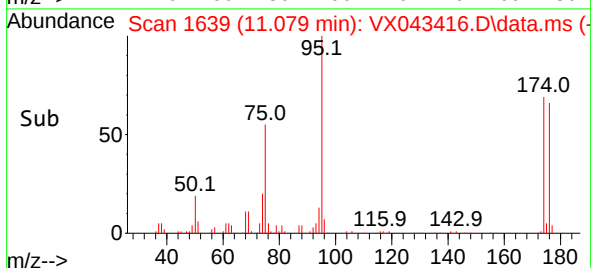
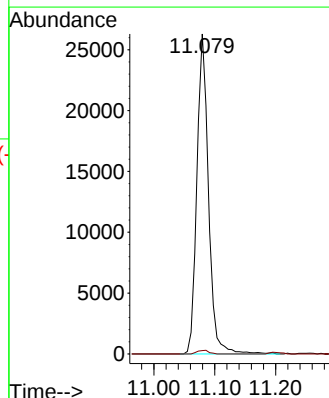
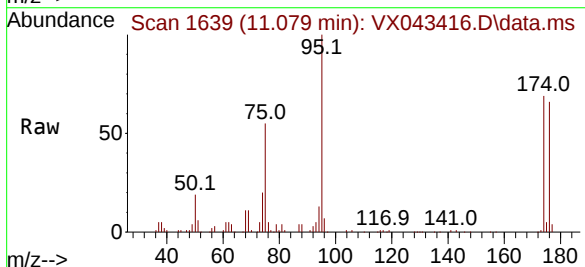
Acq: 16 Oct 2024 11:58

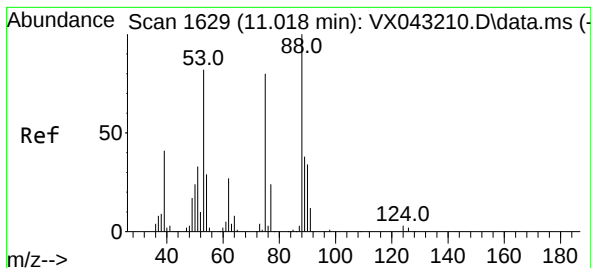
Tgt Ion: 75 Resp: 34740

Ion Ratio Lower Upper

75 100

77 1.1 22.0 66.0#

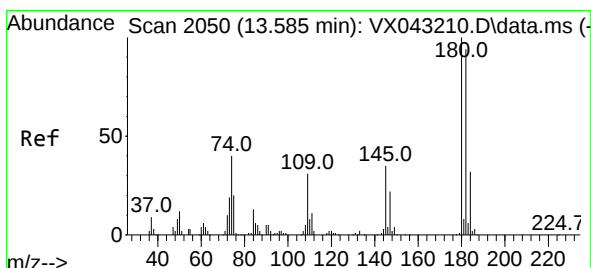
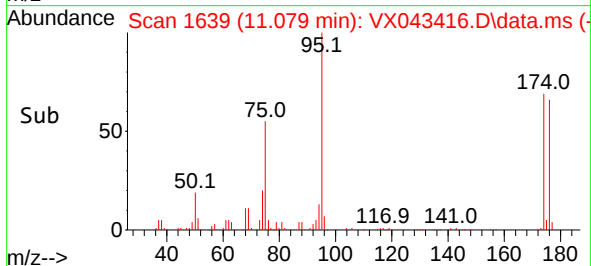
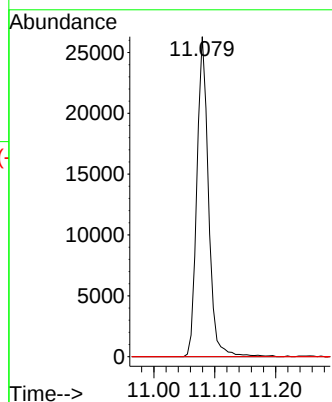
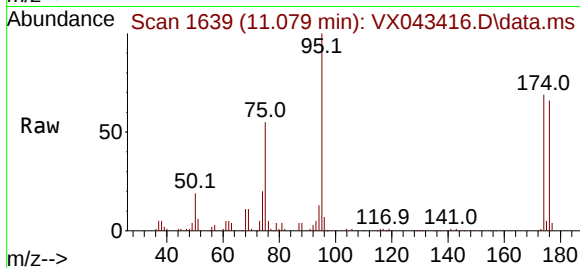




#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.962 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX043416.D
 Acq: 16 Oct 2024 11:58

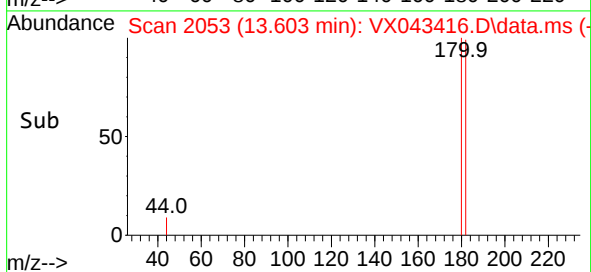
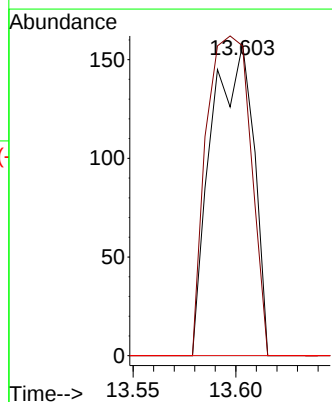
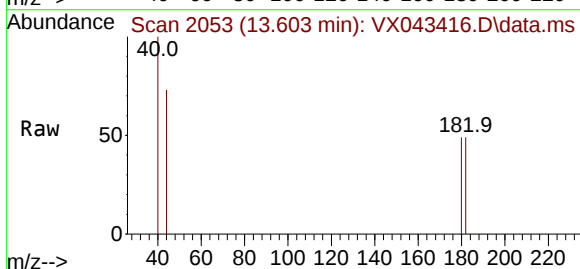
Instrument :
 MSVOA_X
 ClientSampleId :

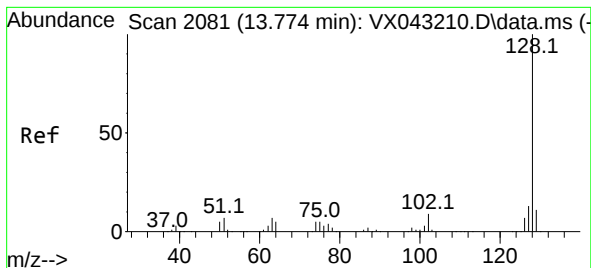
Tgt Ion: 75 Resp: 34740
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.212 ug/l
 RT: 13.603 min Scan# 2053
 Delta R.T. 0.018 min
 Lab File: VX043416.D
 Acq: 16 Oct 2024 11:58

Tgt Ion:180 Resp: 226
 Ion Ratio Lower Upper
 180 100
 182 107.1 47.1 141.3
 145 0.0 16.6 49.8#





#95

Naphthalene

Concen: 0.310 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

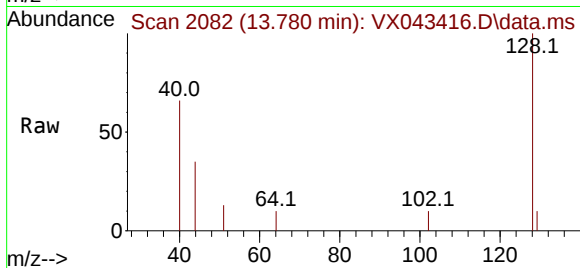
Lab File: VX043416.D

Acq: 16 Oct 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :



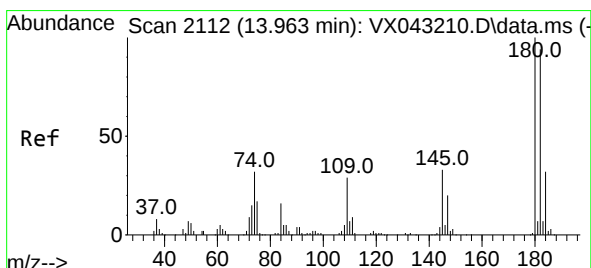
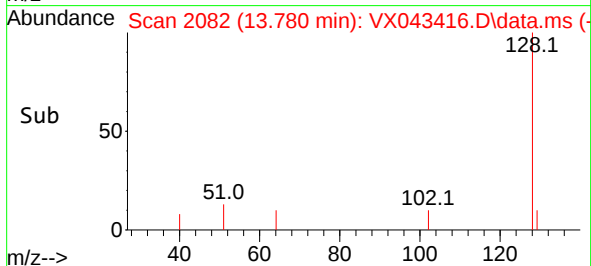
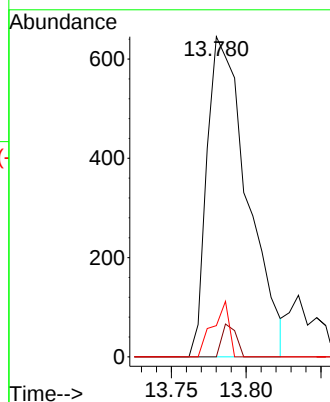
Tgt Ion:128 Resp: 1214

Ion Ratio Lower Upper

128 100

127 3.6 10.2 15.2#

129 7.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.231 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX043416.D

Acq: 16 Oct 2024 11:58

Tgt Ion:180 Resp: 254

Ion Ratio Lower Upper

180 100

182 80.3 46.5 139.3

145 17.3 17.2 51.6

