

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044199.D
 Acq On : 10 Dec 2024 11:35
 Operator : JC/MD
 Sample : VX1210WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBL01

Quant Time: Dec 11 01:27:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

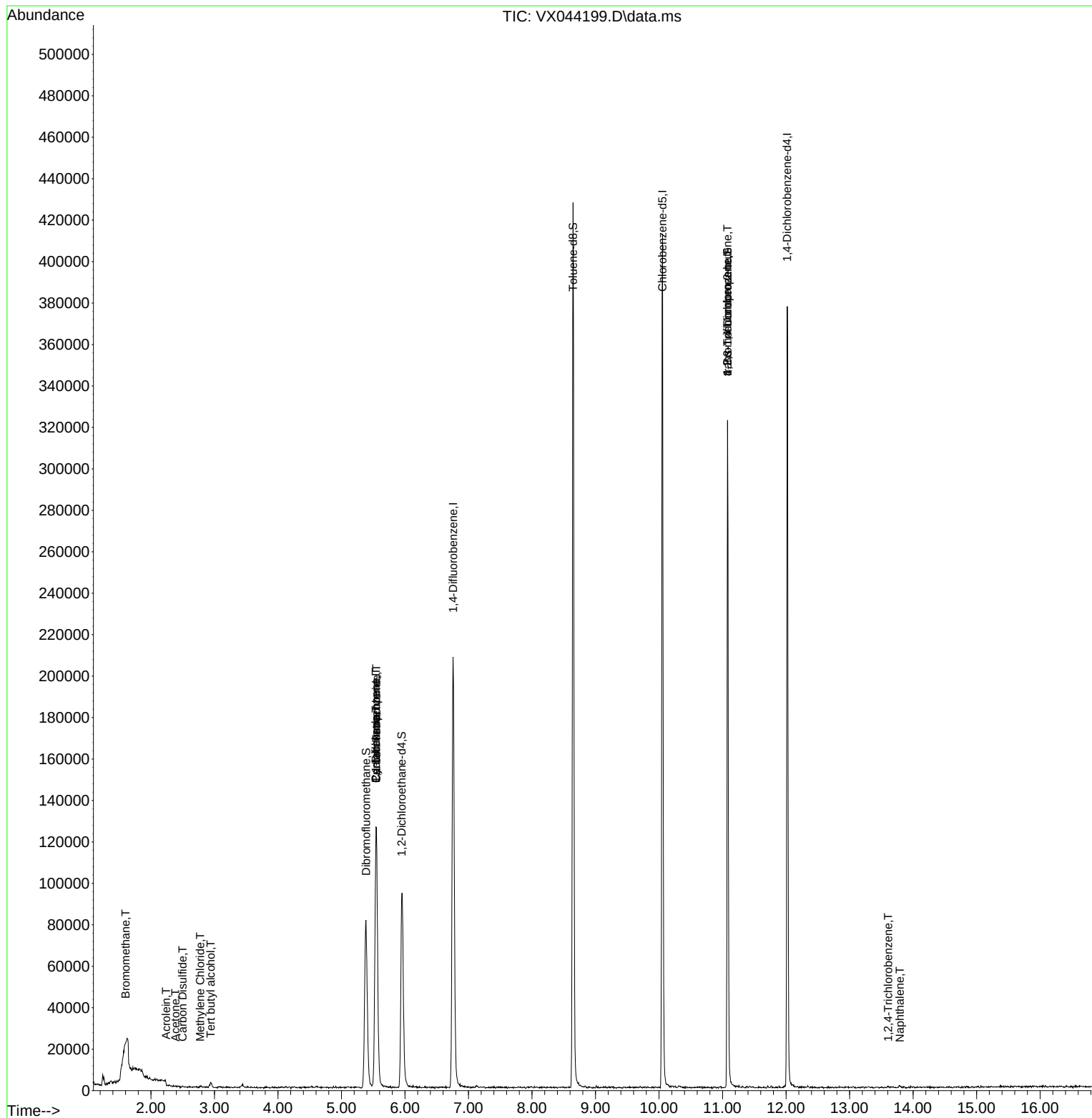
Internal Standards						
1) Pentafluorobenzene	5.544	168	110263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94012	49.710	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.420%
35) Dibromofluoromethane	5.385	113	68829	46.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.647	98	251203	49.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	82733	47.543	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	820	0.853	ug/l #	54
11) Tert butyl alcohol	2.940	59	1246	4.105	ug/l #	73
13) Acrolein	2.239	56	92	0.288	ug/l #	26
16) Acetone	2.386	43	410	0.472	ug/l #	83
17) Carbon Disulfide	2.495	76	614	0.234	ug/l #	76
20) Methylene Chloride	2.776	84	322	0.218	ug/l #	43
31) Cyclohexane	5.544	56	3279	1.556	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	10995	5.948	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13825	6.656	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.348	63	22	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.079	75	46685	29.784	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46685	81.273	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.609	180	296	0.208	ug/l #	42
95) Naphthalene	13.792	128	1360	0.266	ug/l #	74

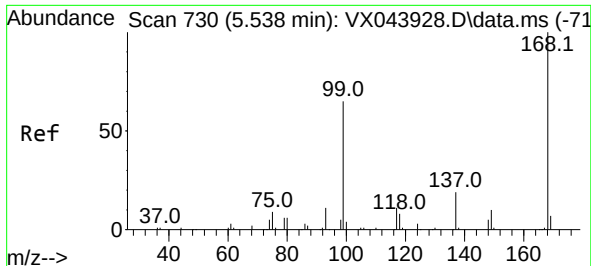
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 01:27:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

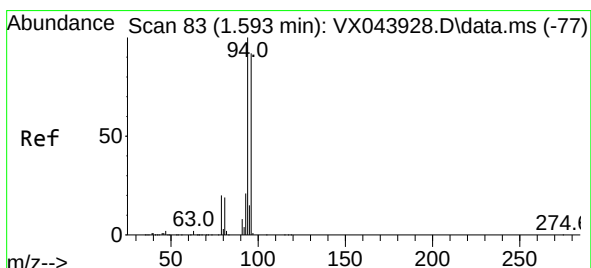
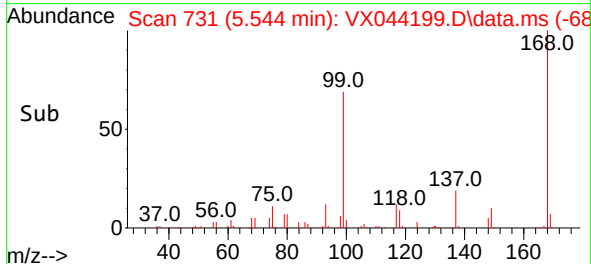
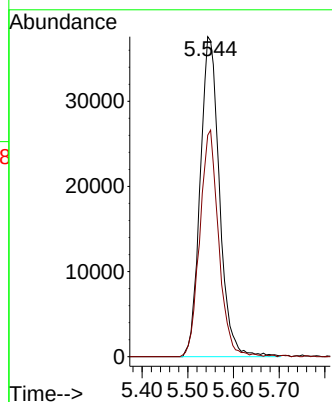
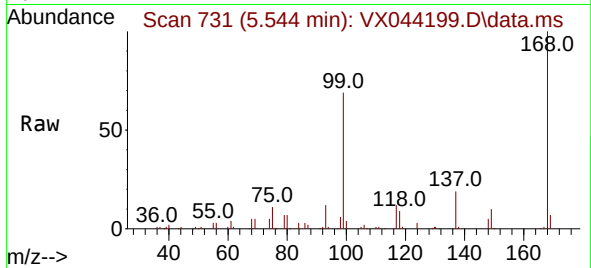




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

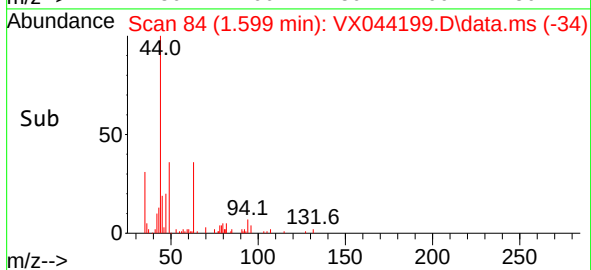
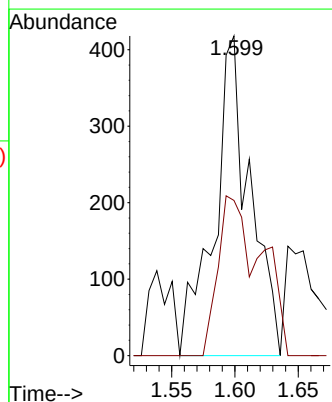
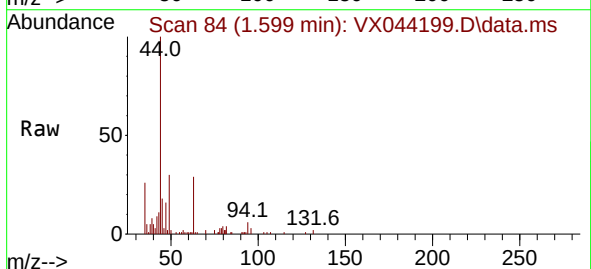
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

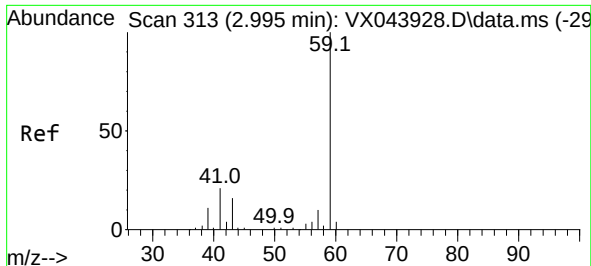
Tgt Ion:168 Resp: 110263
Ion Ratio Lower Upper
168 100
99 69.2 51.8 77.8



#5
Bromomethane
Concen: 0.853 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion: 94 Resp: 820
Ion Ratio Lower Upper
94 100
96 48.6 73.9 110.9#

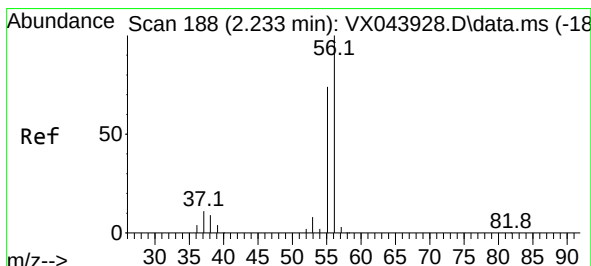
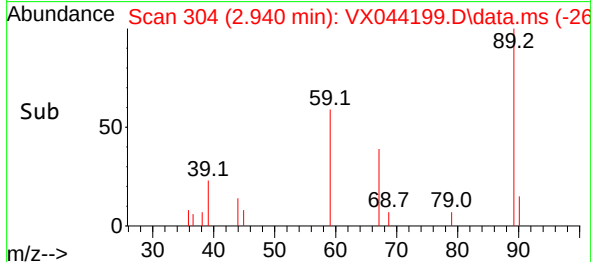
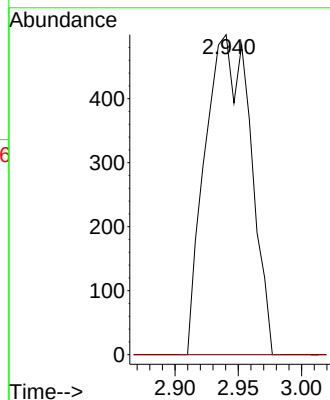
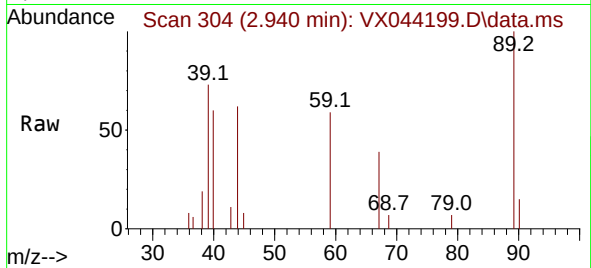




#11
Tert butyl alcohol
Concen: 4.105 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

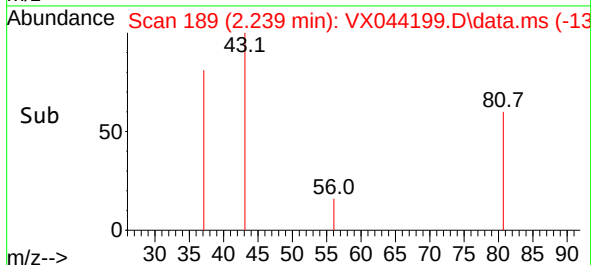
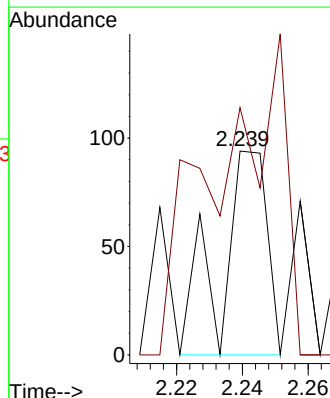
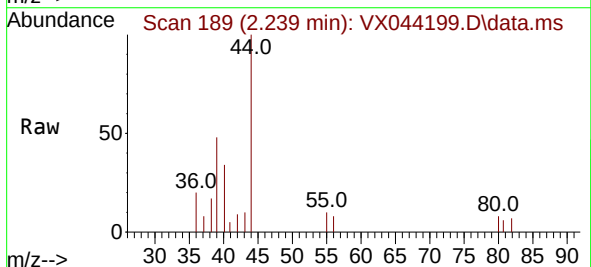
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

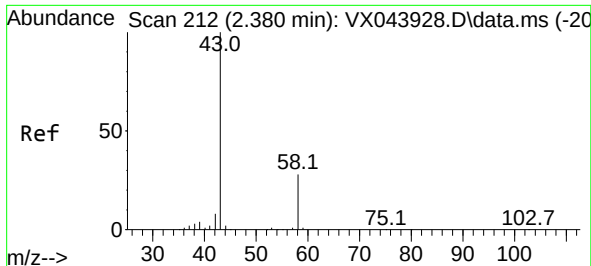
Tgt Ion: 59 Resp: 1246
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 0.288 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 134.8 58.2 87.2#

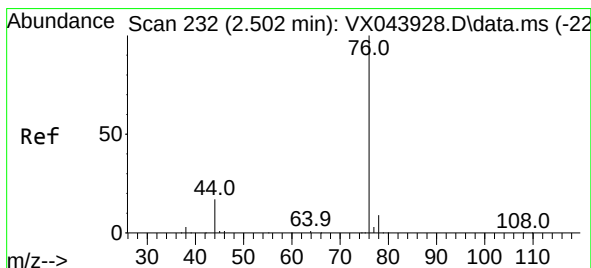
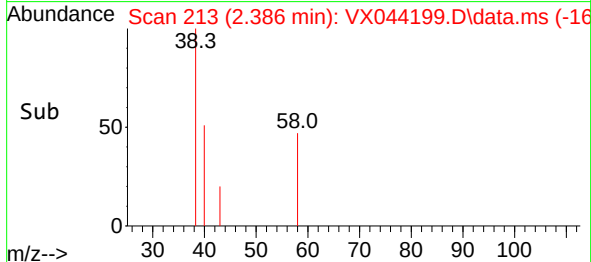
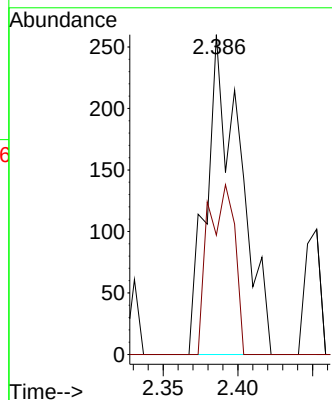
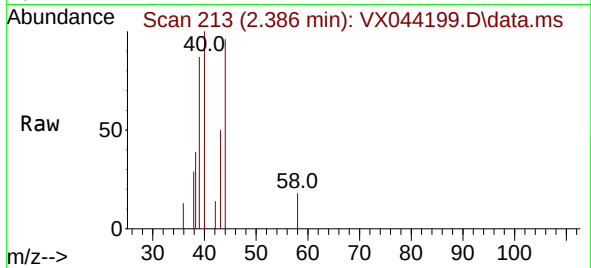




#16
Acetone
Concen: 0.472 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

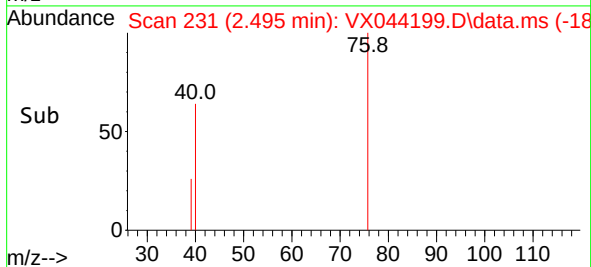
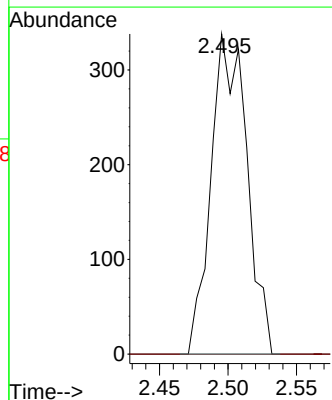
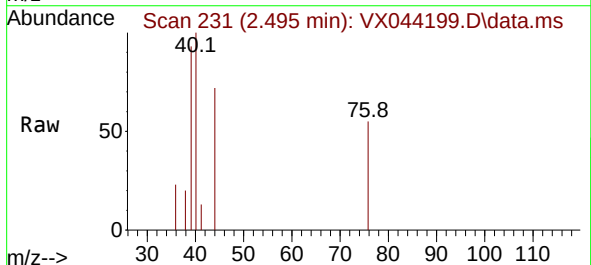
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

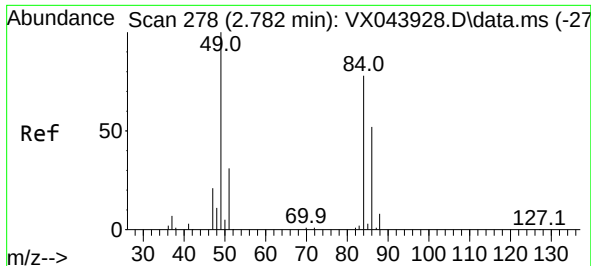
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 37.3 22.7 34.1#



#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion: 76 Resp: 614
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 0.218 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL01

Tgt Ion: 84 Resp: 322

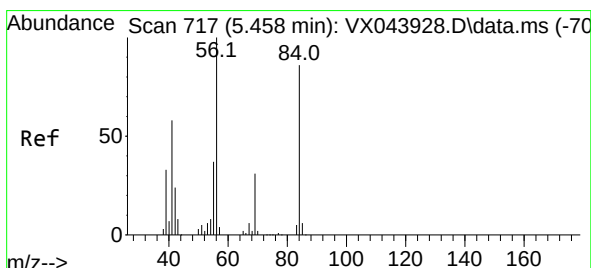
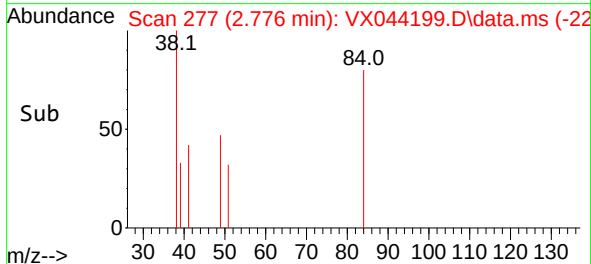
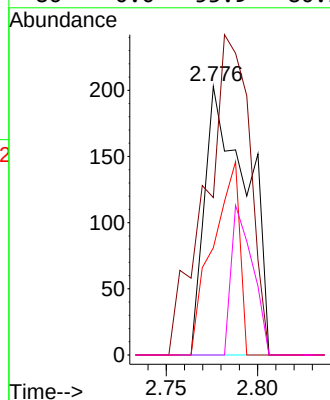
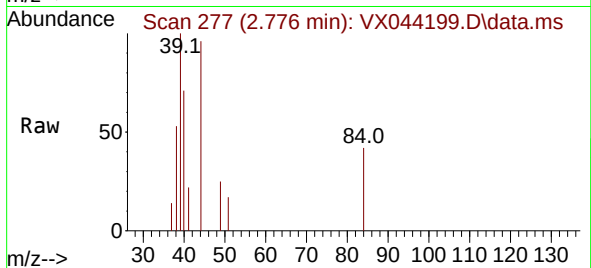
Ion Ratio Lower Upper

84 100

49 58.6 102.7 154.1#

51 39.9 31.7 47.5

86 0.0 53.9 80.9#



#31

Cyclohexane

Concen: 1.556 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.085 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

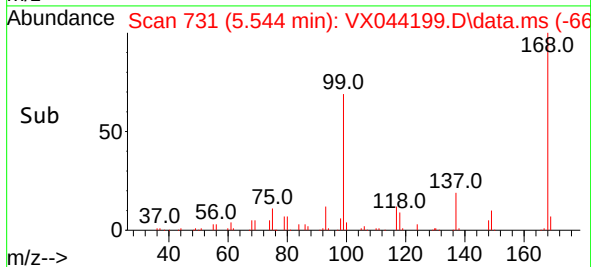
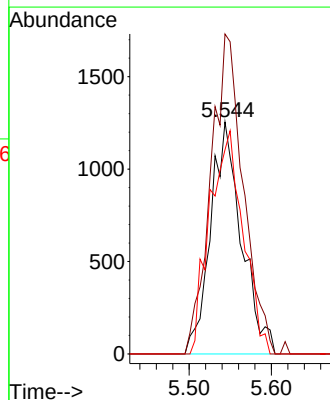
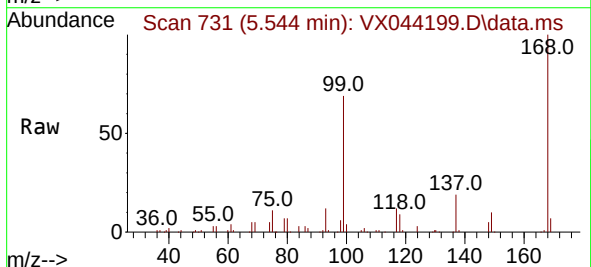
Tgt Ion: 56 Resp: 3279

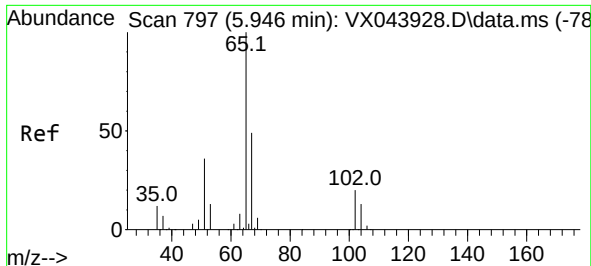
Ion Ratio Lower Upper

56 100

69 137.9 24.7 37.1#

84 88.0 68.7 103.1





#33

1,2-Dichloroethane-d4

Concen: 49.710 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

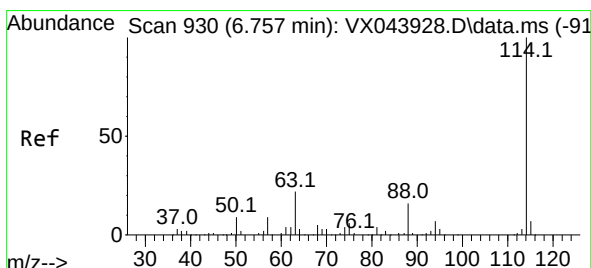
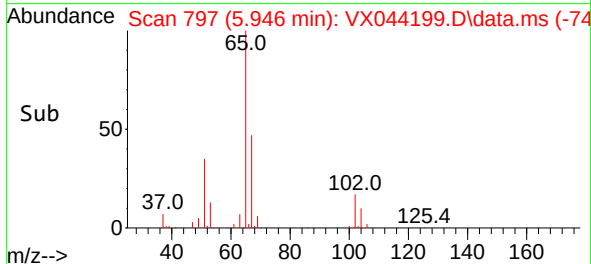
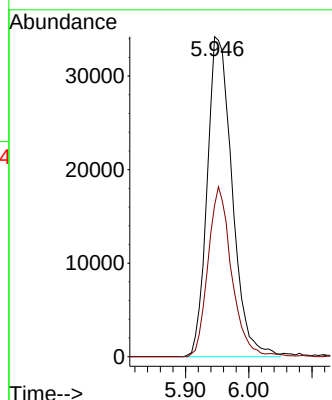
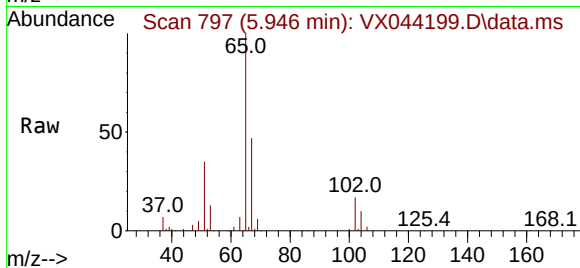
VX1210WBL01

Tgt Ion: 65 Resp: 94012

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

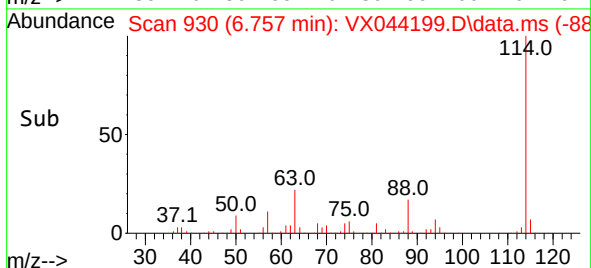
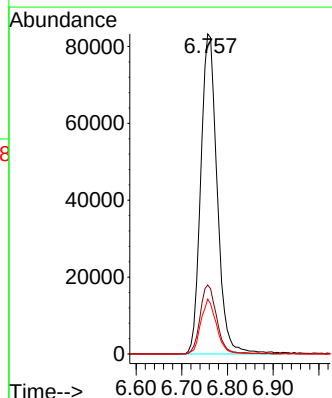
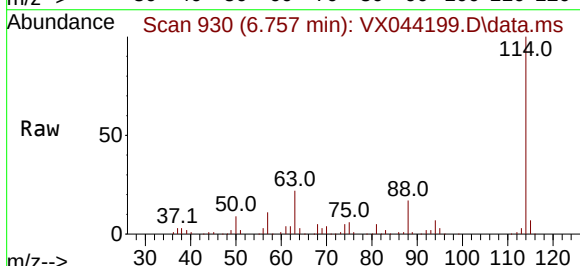
Tgt Ion: 114 Resp: 207593

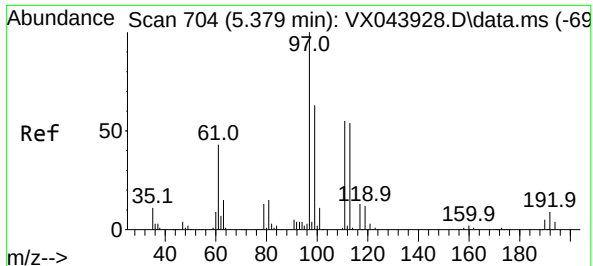
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 17.2 0.0 32.4

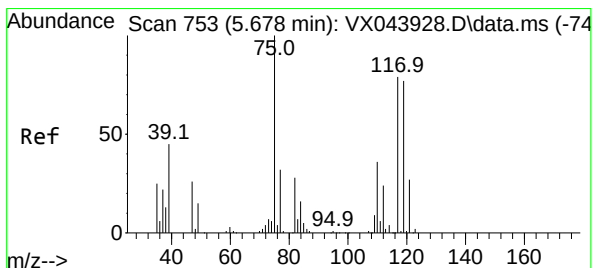
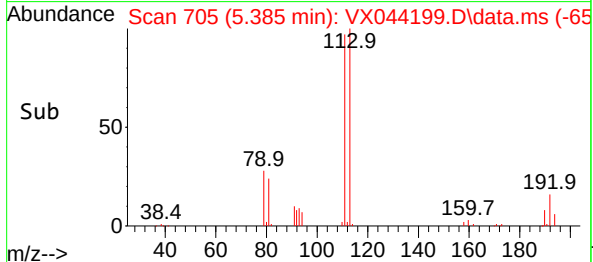
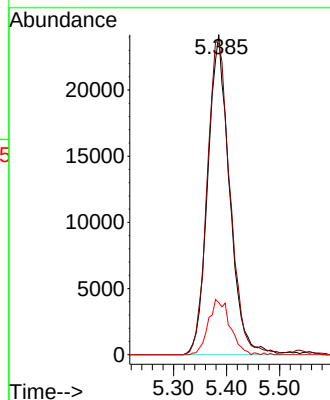
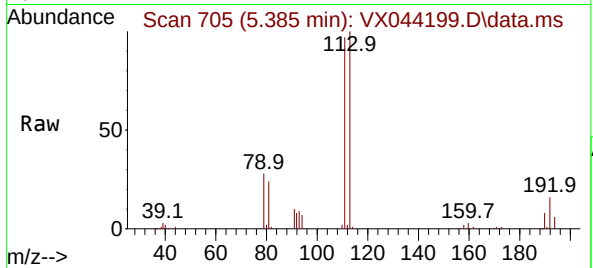




#35
 Dibromofluoromethane
 Concen: 46.401 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX044199.D
 Acq: 10 Dec 2024 11:35

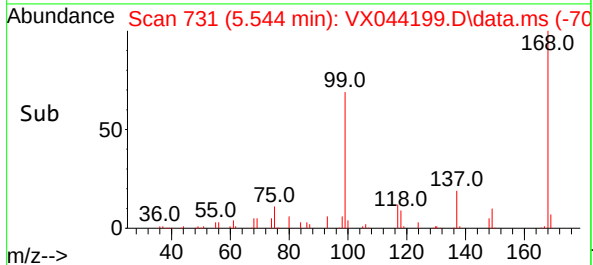
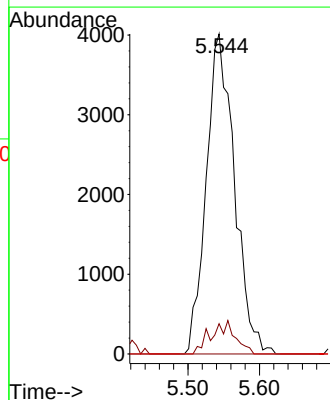
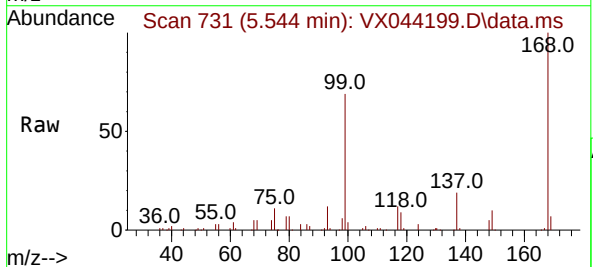
Instrument :
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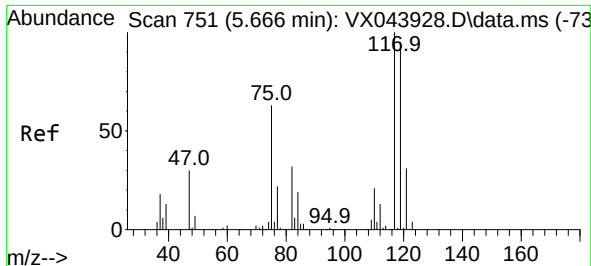
Tgt Ion:113 Resp: 68829
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.4
 192 17.3 13.0 19.6



#36
 1,1-Dichloropropene
 Concen: 5.948 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.134 min
 Lab File: VX044199.D
 Acq: 10 Dec 2024 11:35

Tgt Ion: 75 Resp: 10995
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.4 52.2#
 77 0.0 25.8 38.8#

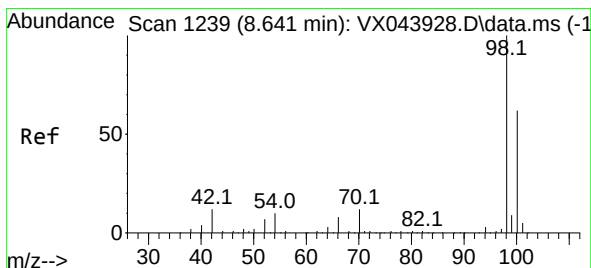
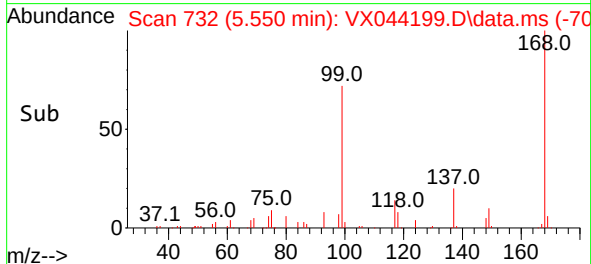
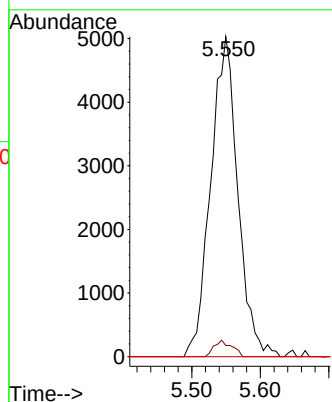
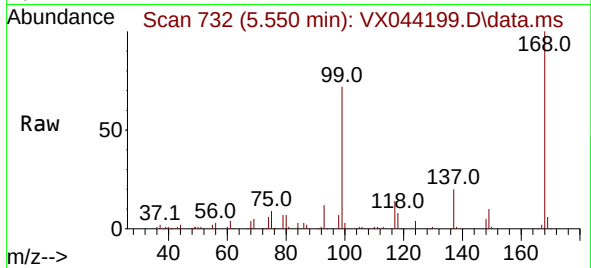




#38
Carbon Tetrachloride
Concen: 6.656 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

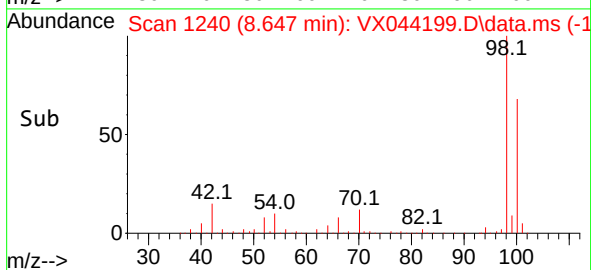
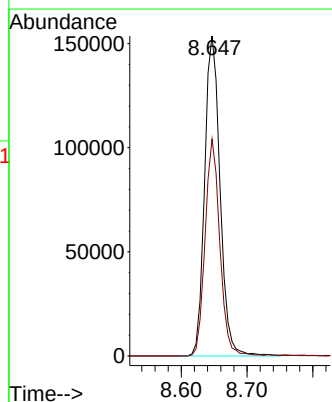
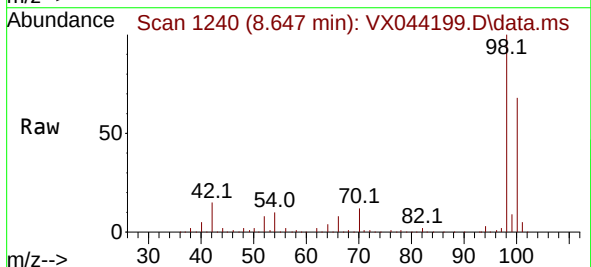
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

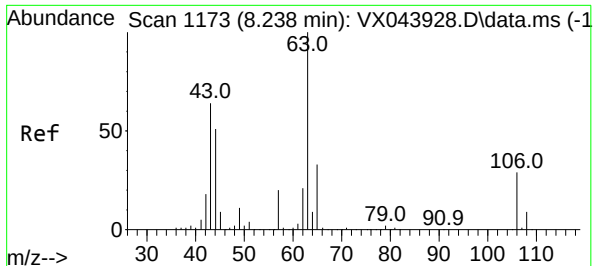
Tgt Ion:117 Resp: 13825
Ion Ratio Lower Upper
117 100
119 3.5 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.128 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion: 98 Resp: 251203
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0

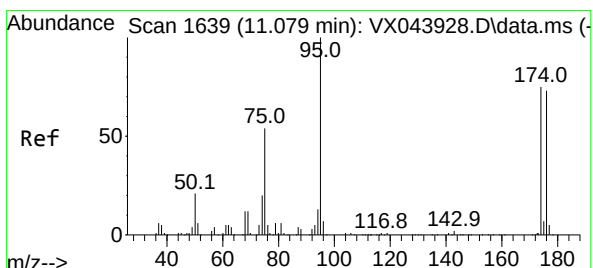
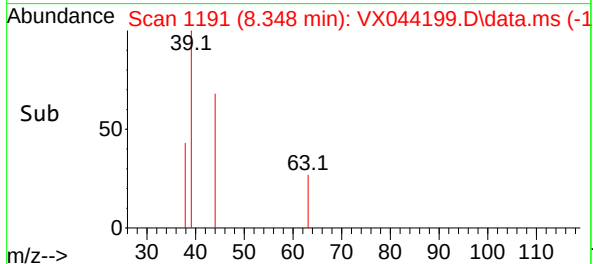
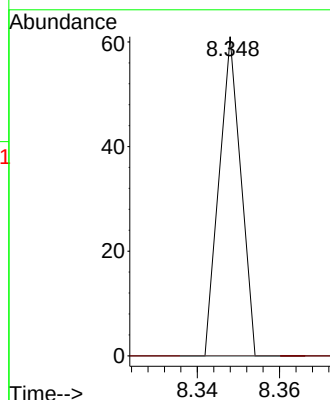
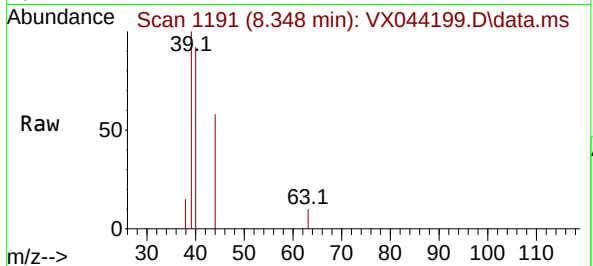




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.348 min Scan# 1173
Delta R.T. 0.110 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

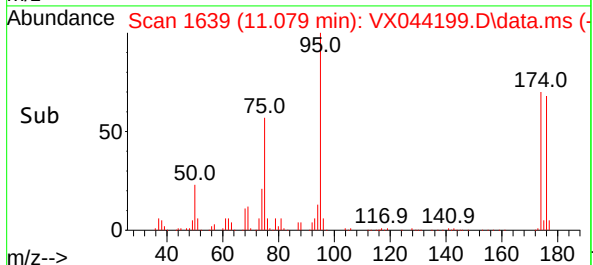
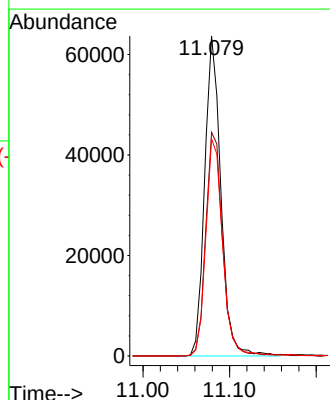
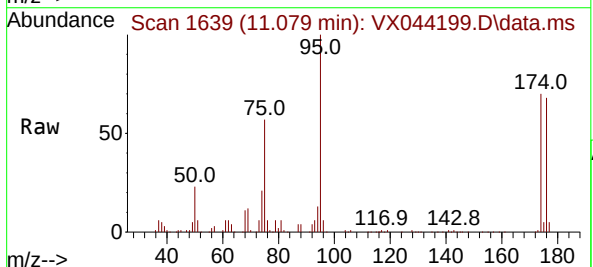
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

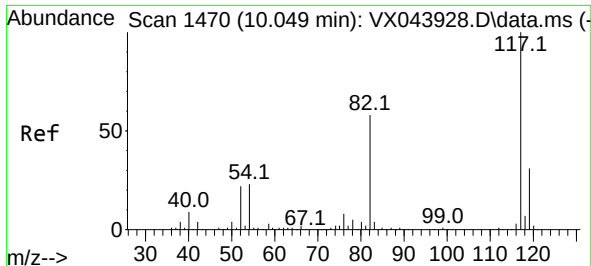
Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



#62
4-Bromofluorobenzene
Concen: 47.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion: 95 Resp: 82733
Ion Ratio Lower Upper
95 100
174 72.6 0.0 150.4
176 70.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL01

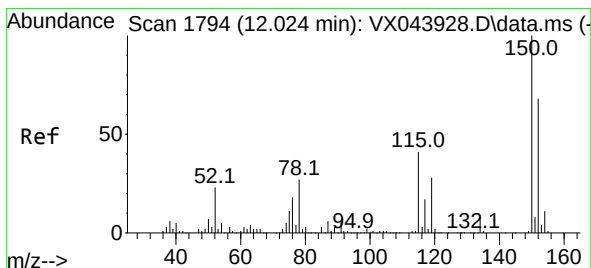
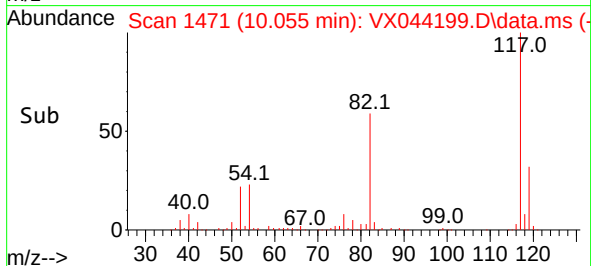
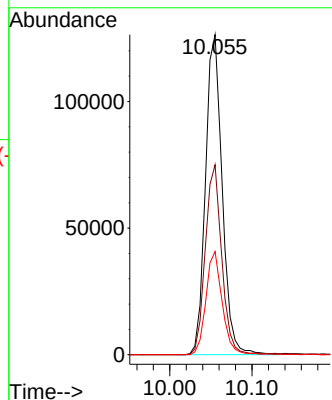
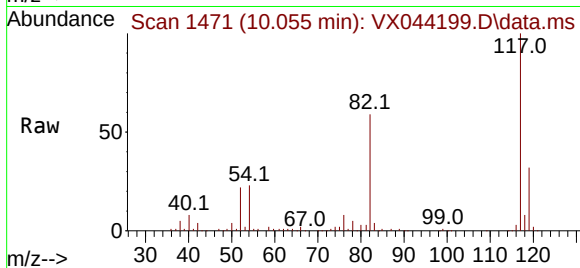
Tgt Ion:117 Resp: 178508

Ion Ratio Lower Upper

117 100

82 59.3 46.4 69.6

119 32.2 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

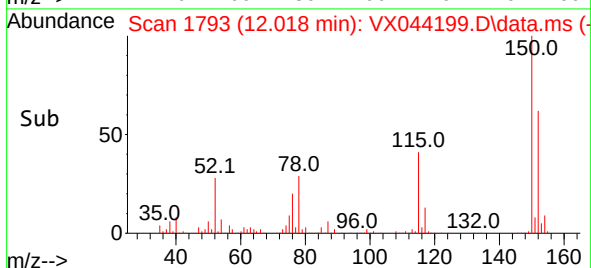
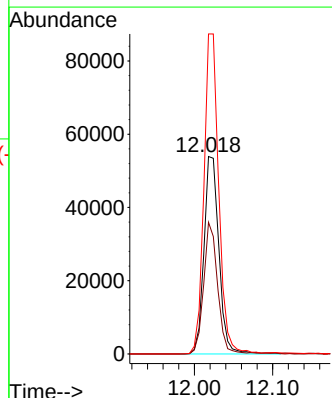
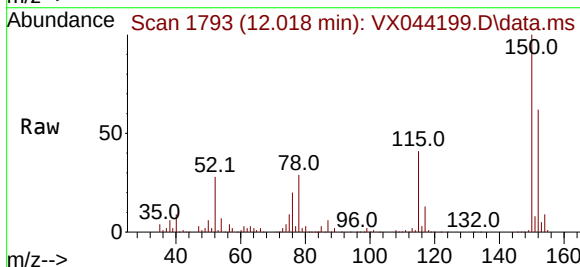
Tgt Ion:152 Resp: 71476

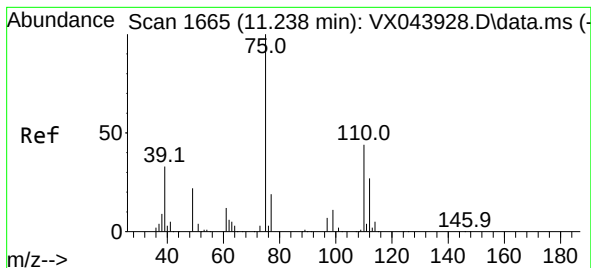
Ion Ratio Lower Upper

152 100

115 62.7 45.4 136.2

150 160.5 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 29.784 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

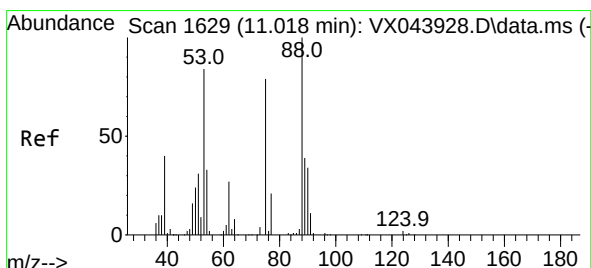
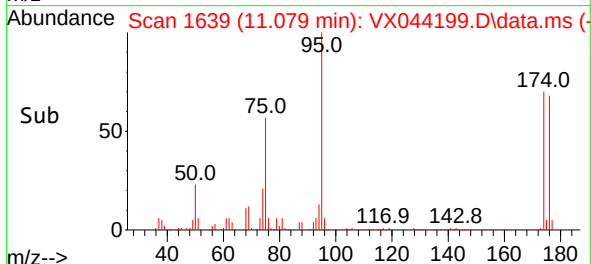
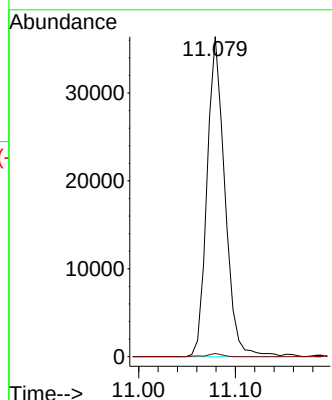
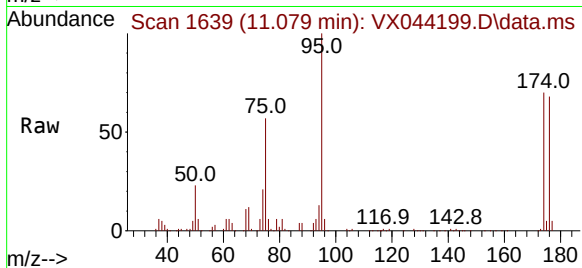
VX1210WBL01

Tgt Ion: 75 Resp: 46685

Ion Ratio Lower Upper

75 100

77 0.9 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.273 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044199.D

Acq: 10 Dec 2024 11:35

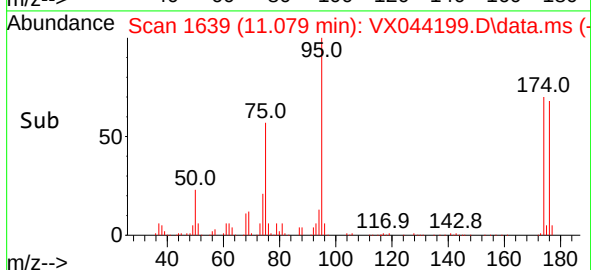
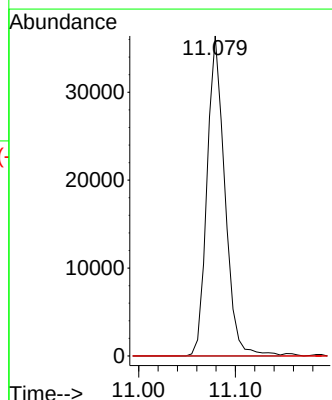
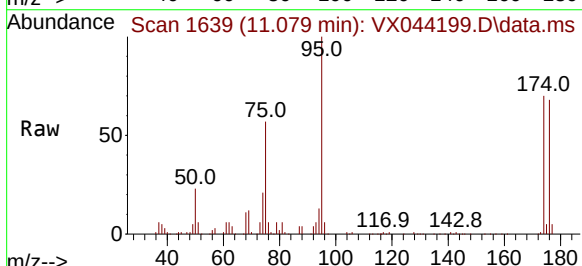
Tgt Ion: 75 Resp: 46685

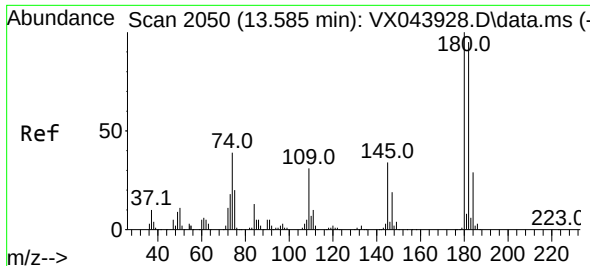
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

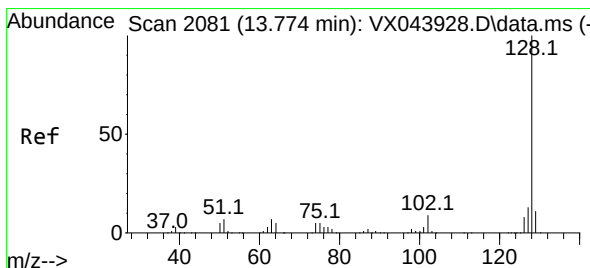
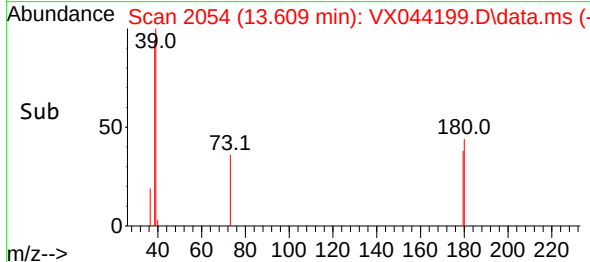
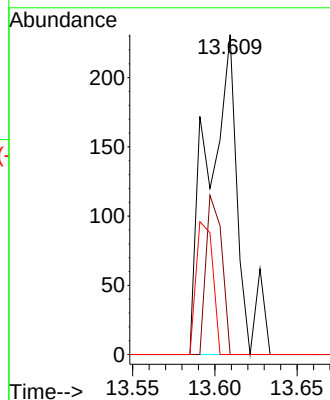
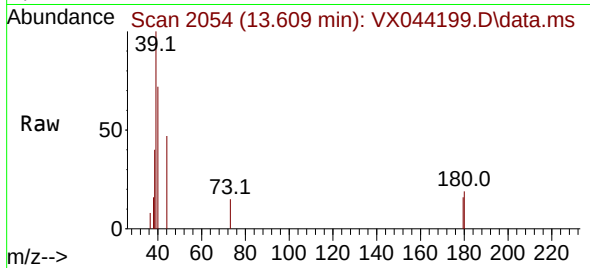




#93
1,2,4-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.609 min Scan# 2054
Delta R.T. 0.024 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:180 Resp: 296
Ion Ratio Lower Upper
180 100
182 25.7 48.0 144.2#
145 22.6 16.8 50.4



#95
Naphthalene
Concen: 0.266 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX044199.D
Acq: 10 Dec 2024 11:35

Tgt Ion:128 Resp: 1360
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 4.0 8.6 12.8#

