

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044563.D
 Acq On : 30 Dec 2024 22:44
 Operator : JC/MD
 Sample : P5376-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20241218

Quant Time: Dec 31 00:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

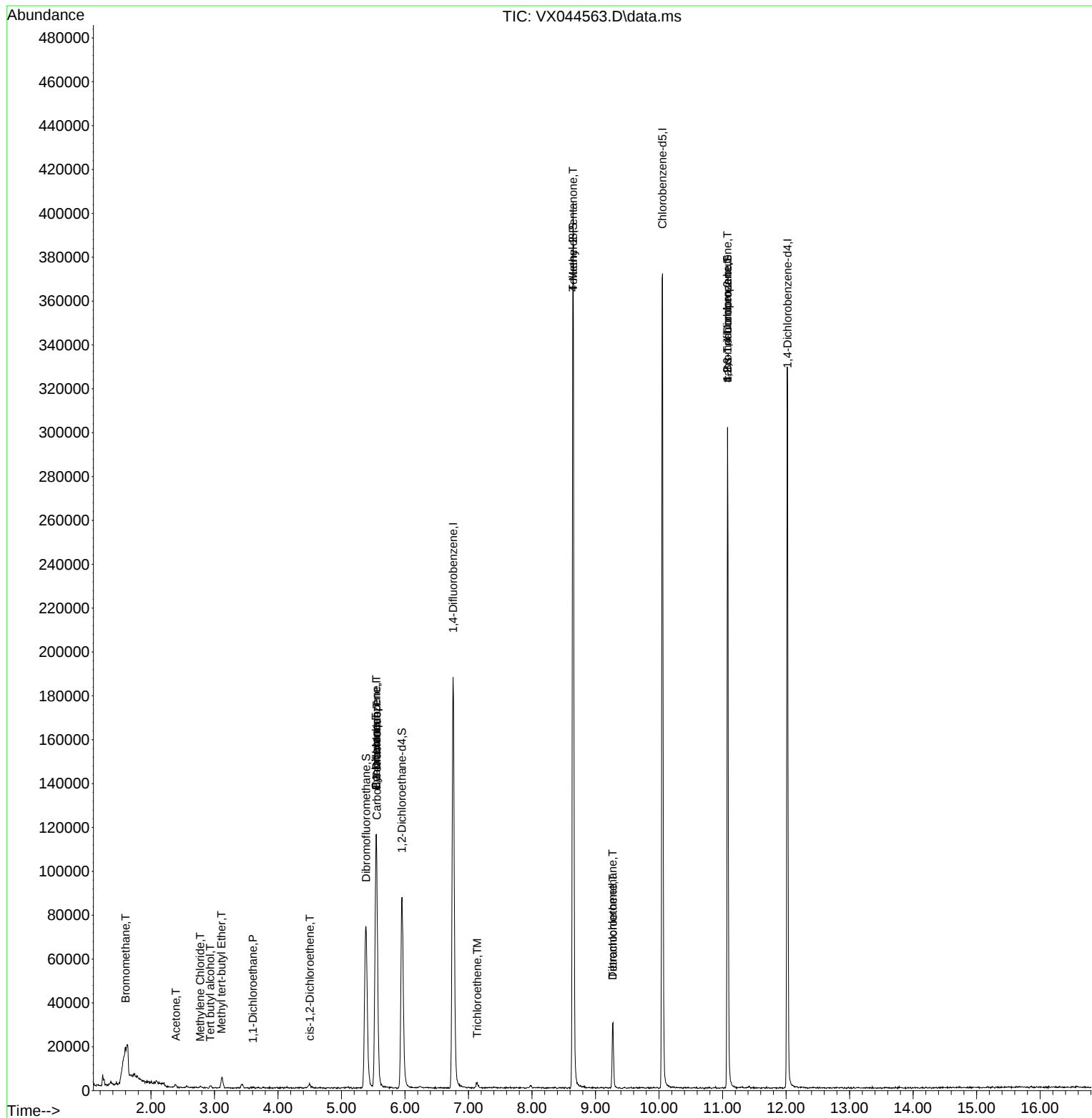
Internal Standards						
1) Pentafluorobenzene	5.550	168	109256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85418	44.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.180%
35) Dibromofluoromethane	5.385	113	66327	49.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.580%
50) Toluene-d8	8.647	98	240413	53.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.980%
62) 4-Bromofluorobenzene	11.079	95	75918	48.344	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	519	0.435	ug/l #	3
11) Tert butyl alcohol	2.934	59	321	1.189	ug/l #	71
16) Acetone	2.392	43	1032	1.321	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	5220	1.092	ug/l	96
20) Methylene Chloride	2.776	84	304	0.207	ug/l #	59
24) 1,1-Dichloroethane	3.605	63	579	0.226	ug/l #	82
27) cis-1,2-Dichloroethene	4.501	96	1080	0.653	ug/l	96
31) Cyclohexane	5.544	56	2849	1.378	ug/l #	68
36) 1,1-Dichloropropene	5.550	75	8724	5.066	ug/l #	48
38) Carbon Tetrachloride	5.556	117	11457	6.180	ug/l #	15
44) Trichloroethene	7.135	130	985	0.756	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	1196	0.559	ug/l #	1
60) Dibromochloromethane	9.269	129	5508	5.284	ug/l #	11
64) Tetrachloroethene	9.275	164	5610	4.896	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	40494	26.238	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	40494	72.375	ug/l #	4

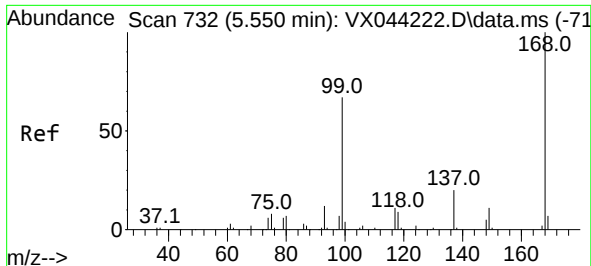
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW10-MW01S-20241218

Quant Time: Dec 31 00:40:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

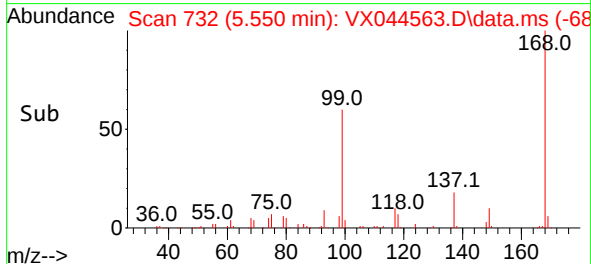
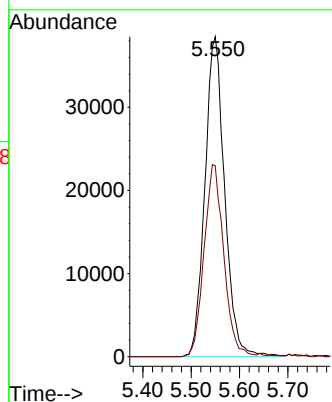
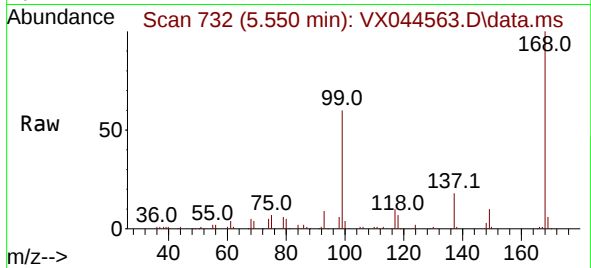




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

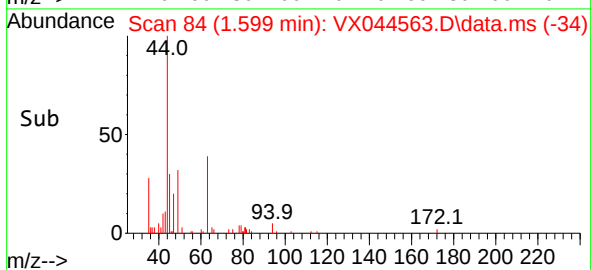
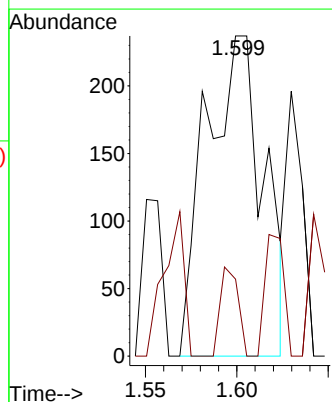
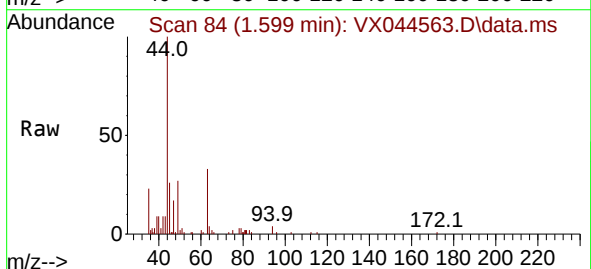
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20241218

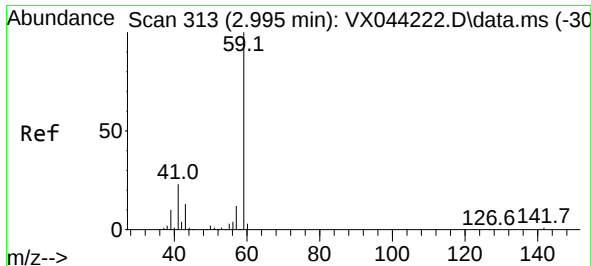
Tgt Ion:168 Resp: 109256
Ion Ratio Lower Upper
168 100
99 59.7 53.4 80.0



#5
Bromomethane
Concen: 0.435 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

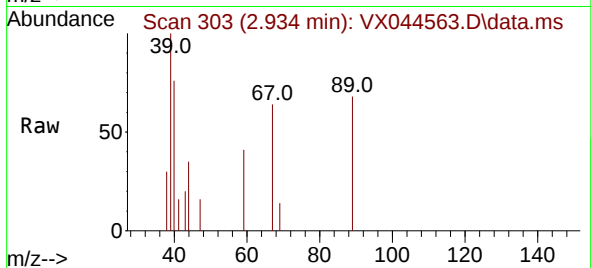
Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 0.0 74.9 112.3#



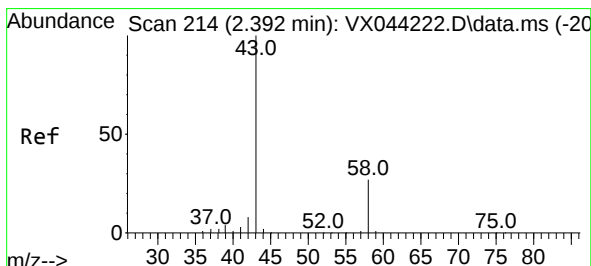
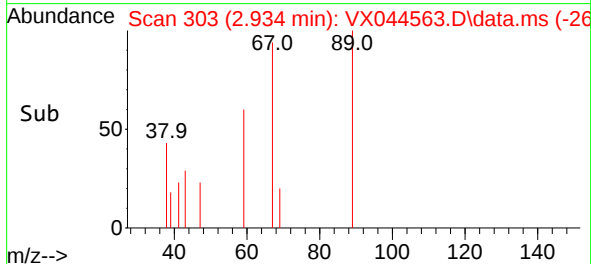
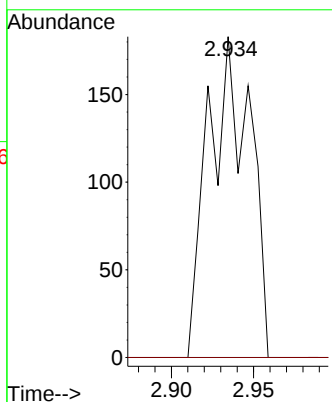


#11
Tert butyl alcohol
Concen: 1.189 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20241218

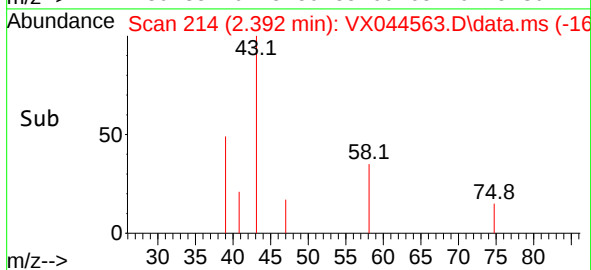
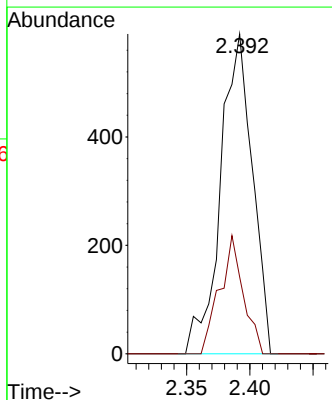
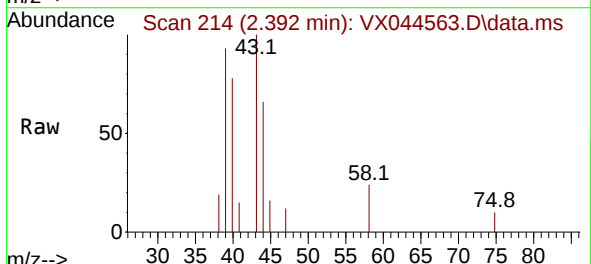


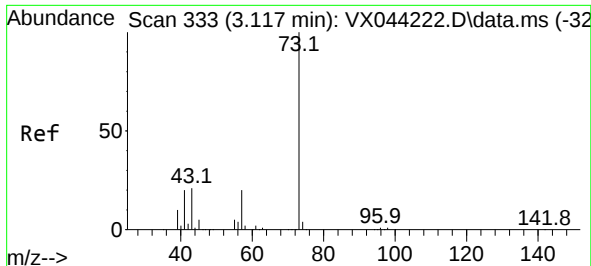
Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.321 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 24.1 21.6 32.4

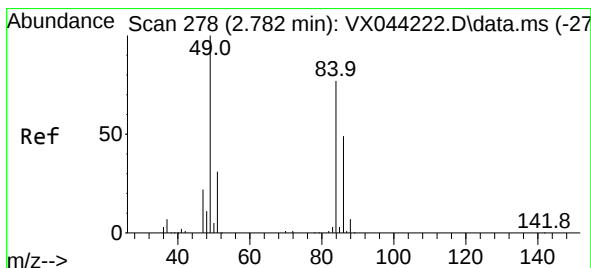
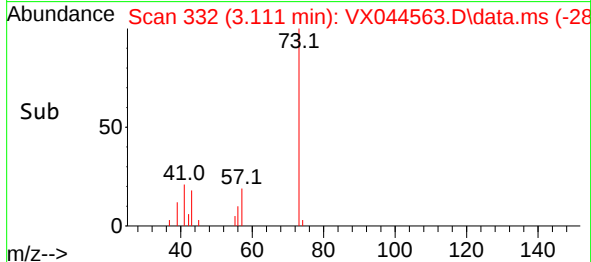
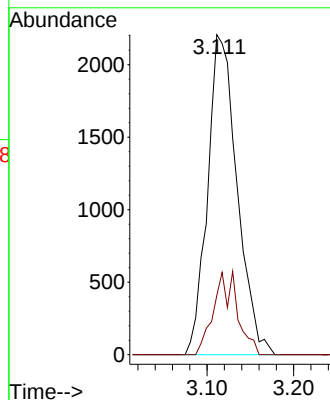
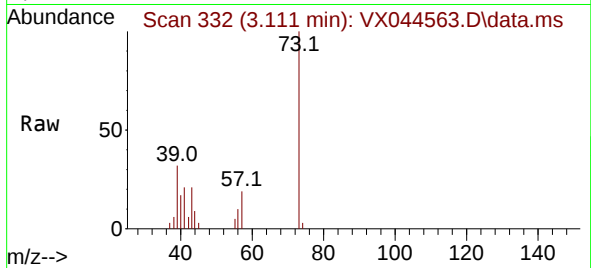




#19
Methyl tert-butyl Ether
Concen: 1.092 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

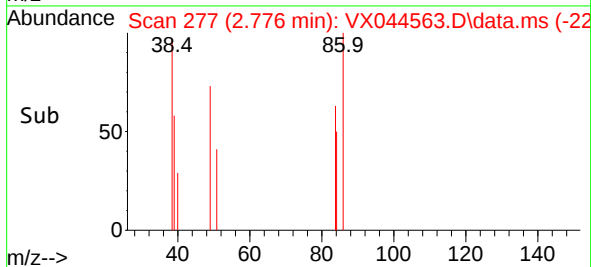
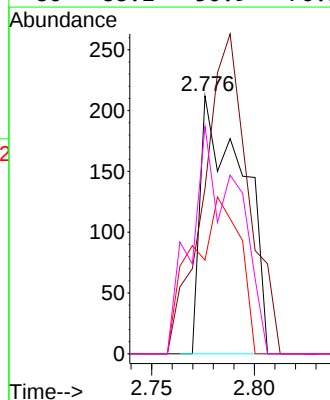
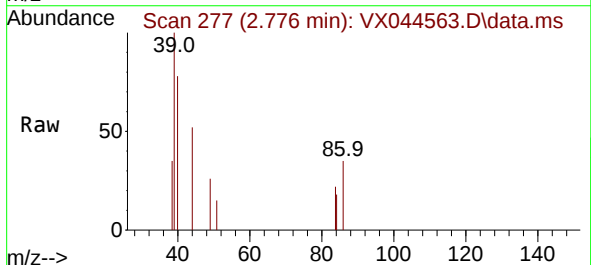
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20241218

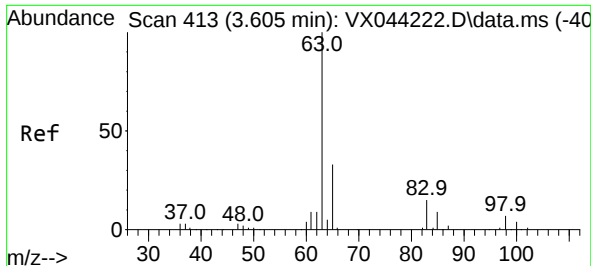
Tgt Ion: 73 Resp: 5220
Ion Ratio Lower Upper
73 100
57 18.6 16.2 24.4



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Tgt Ion: 84 Resp: 304
Ion Ratio Lower Upper
84 100
49 64.2 104.2 156.4#
51 36.3 32.2 48.4
86 88.2 50.9 76.3#





#24

1,1-Dichloroethane

Concen: 0.226 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20241218

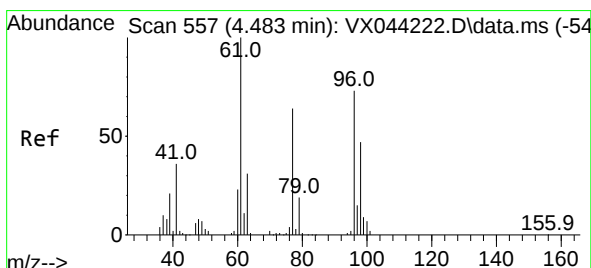
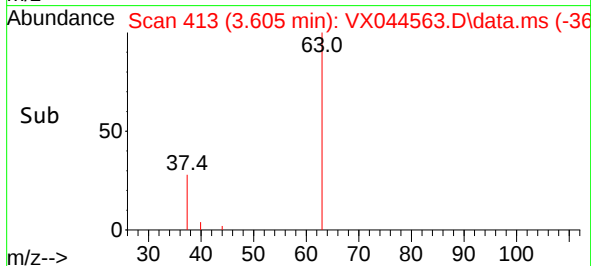
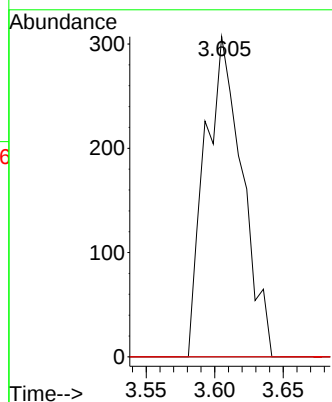
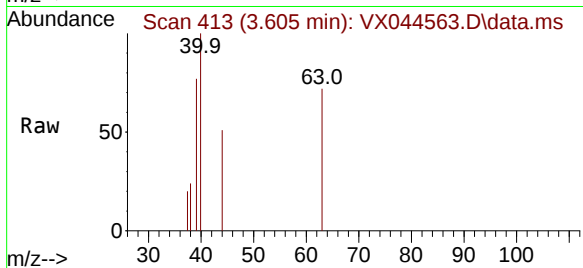
Tgt Ion: 63 Resp: 579

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.1 6.3#



#27

cis-1,2-Dichloroethene

Concen: 0.653 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.018 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

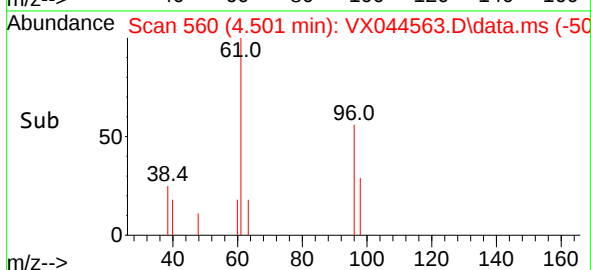
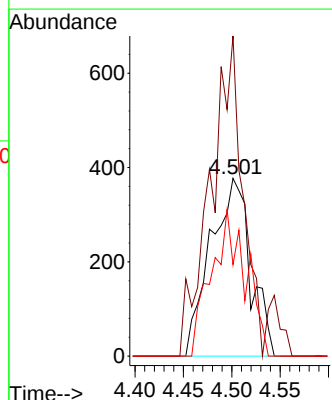
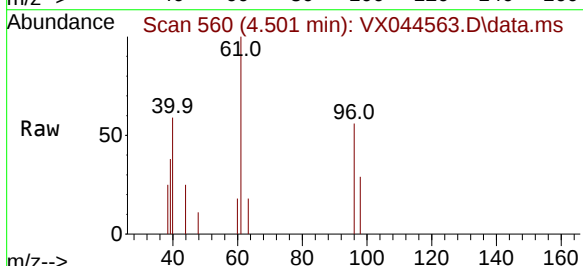
Tgt Ion: 96 Resp: 1080

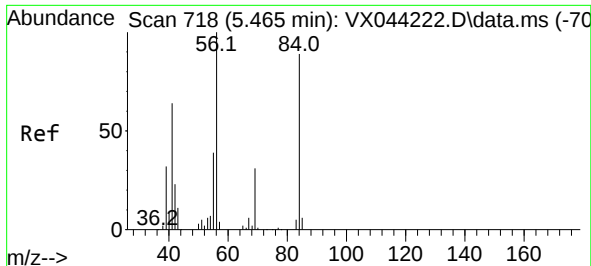
Ion Ratio Lower Upper

96 100

61 145.9 0.0 299.0

98 70.9 0.0 129.0

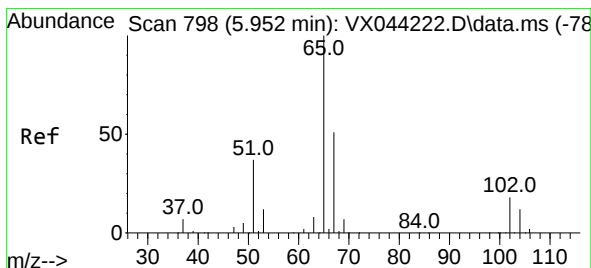
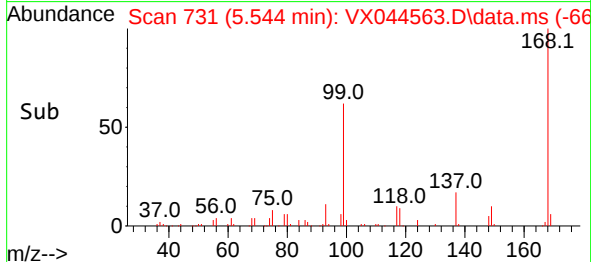
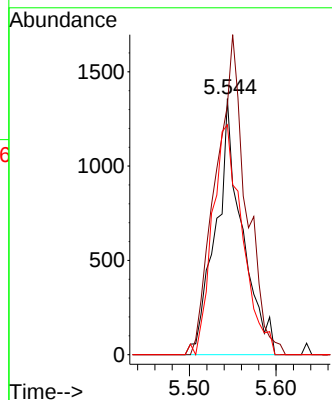
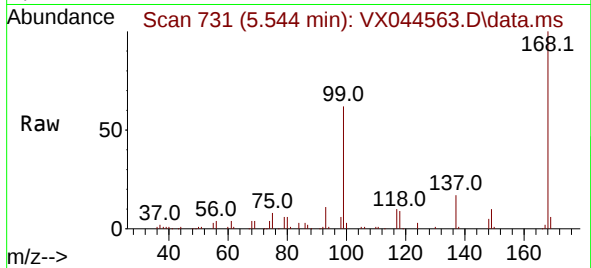




#31
Cyclohexane
Concen: 1.378 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

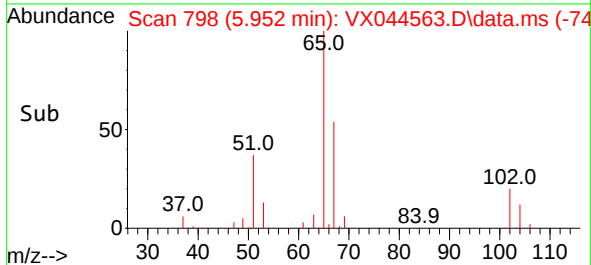
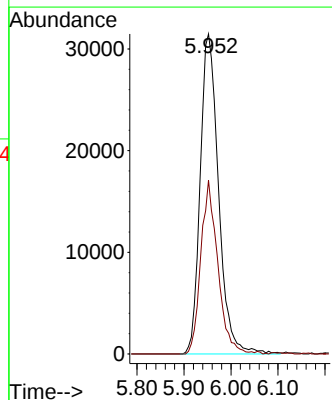
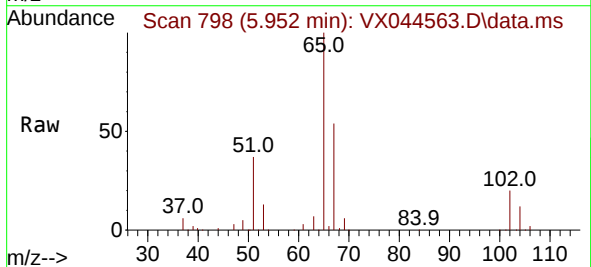
Instrument : MSVOA_X
ClientSampleId : RW10-MW01S-20241218

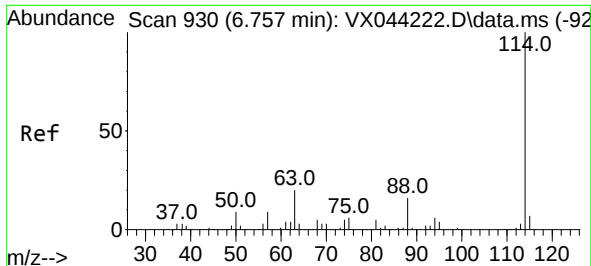
Tgt Ion: 56 Resp: 2849
Ion Ratio Lower Upper
56 100
69 97.3 24.7 37.1#
84 89.8 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 44.590 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Tgt Ion: 65 Resp: 85418
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20241218

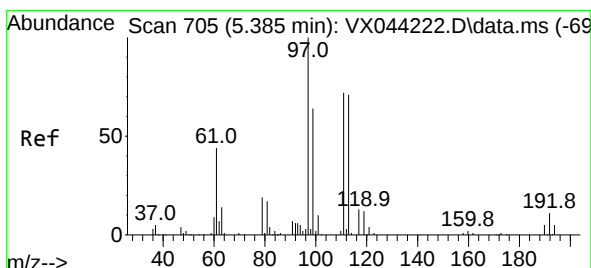
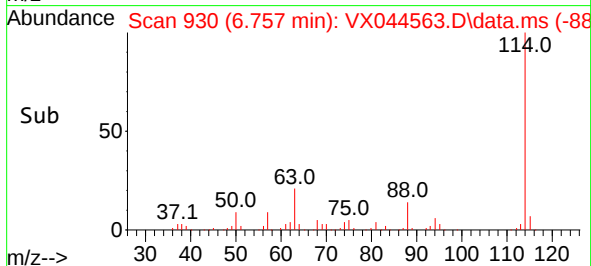
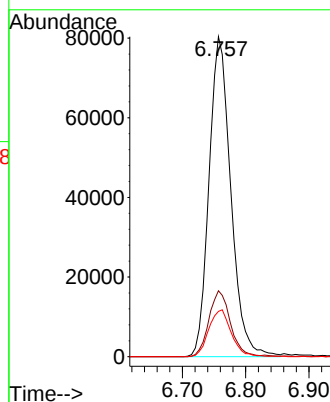
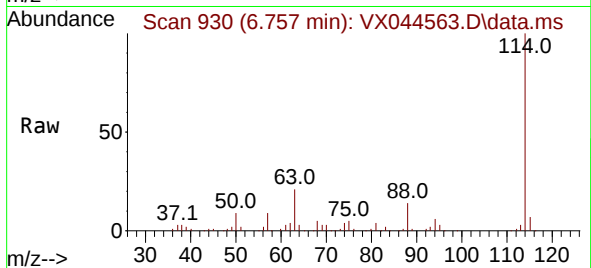
Tgt Ion:114 Resp: 192338

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.791 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

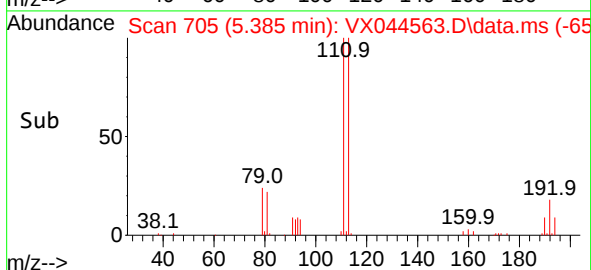
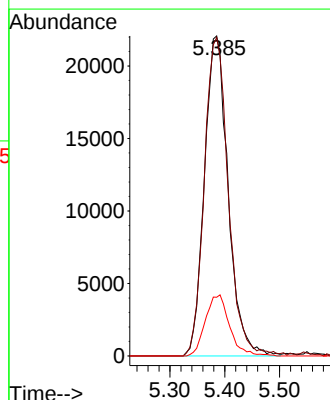
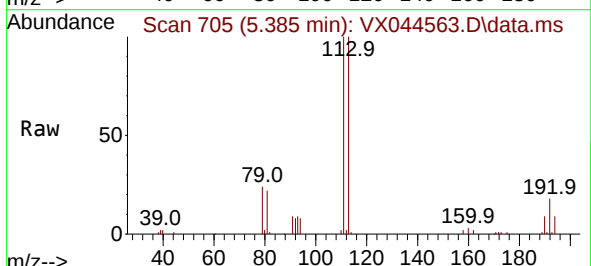
Tgt Ion:113 Resp: 66327

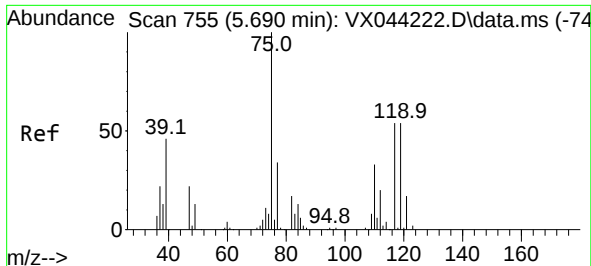
Ion Ratio Lower Upper

113 100

111 100.6 80.4 120.6

192 19.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.066 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20241218

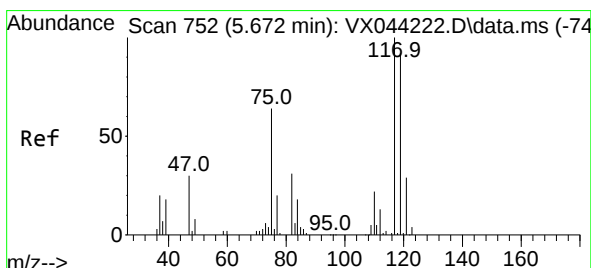
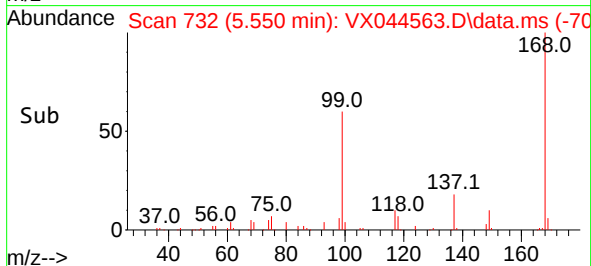
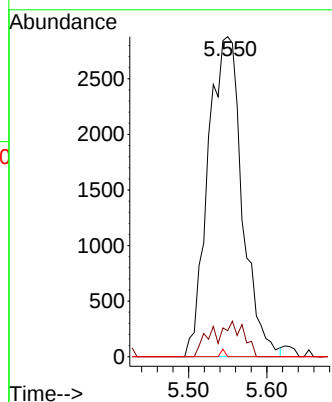
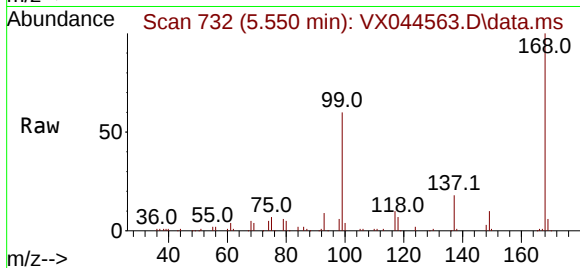
Tgt Ion: 75 Resp: 8724

Ion Ratio Lower Upper

75 100

110 6.5 17.3 51.7#

77 0.3 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.180 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

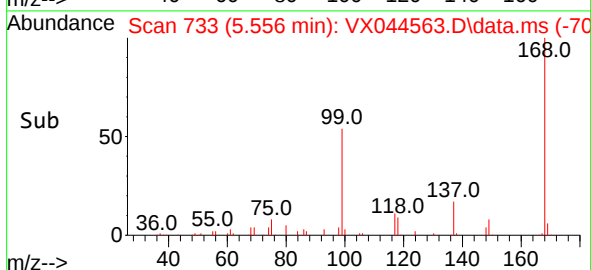
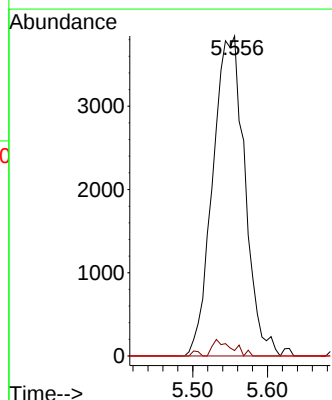
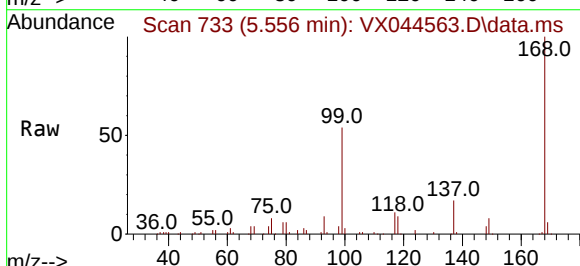
Tgt Ion: 117 Resp: 11457

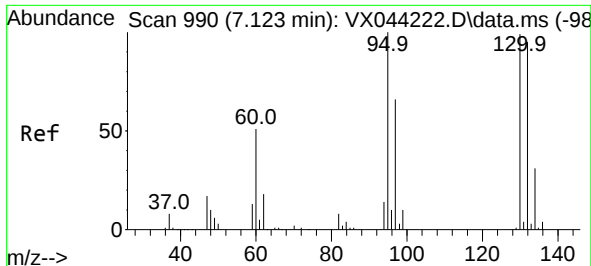
Ion Ratio Lower Upper

117 100

119 1.7 74.2 111.4#

121 0.0 23.0 34.6#

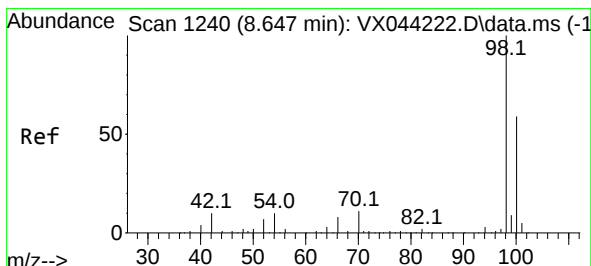
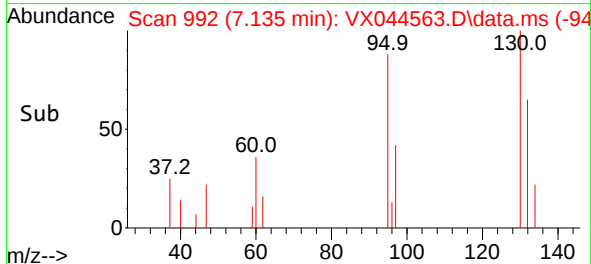
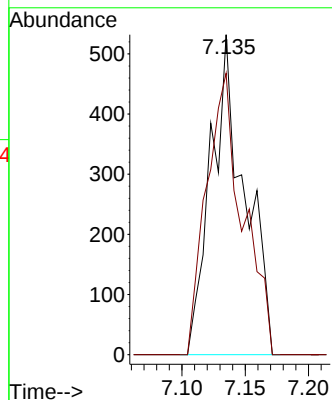
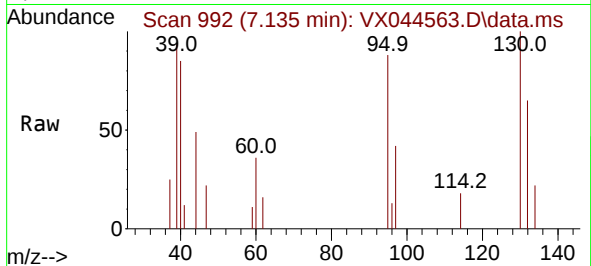




#44
Trichloroethene
Concen: 0.756 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

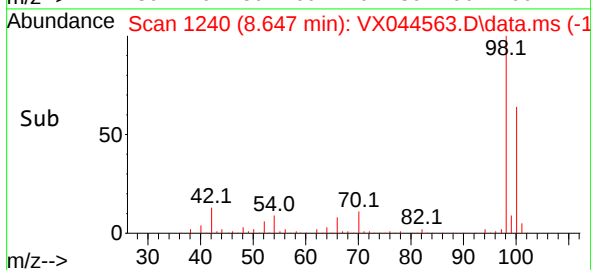
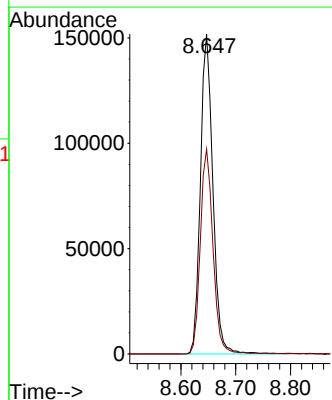
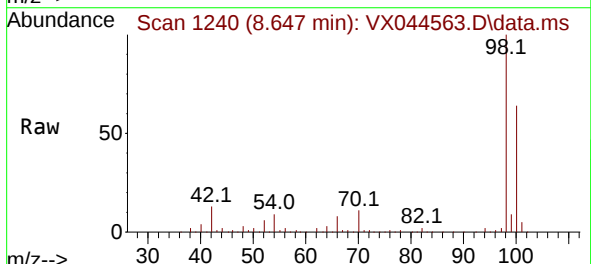
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20241218

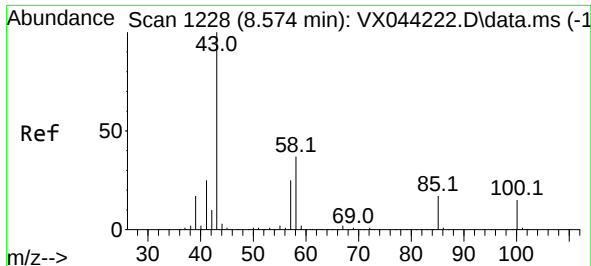
Tgt Ion:130 Resp: 985
Ion Ratio Lower Upper
130 100
95 88.0 0.0 201.4



#50
Toluene-d8
Concen: 53.494 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Tgt Ion: 98 Resp: 240413
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

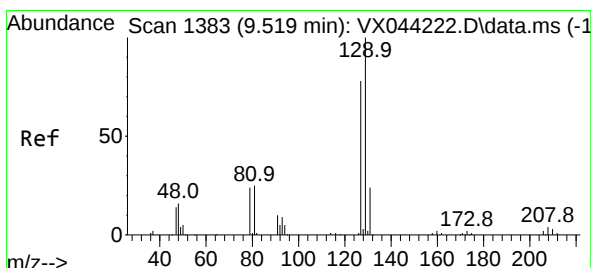
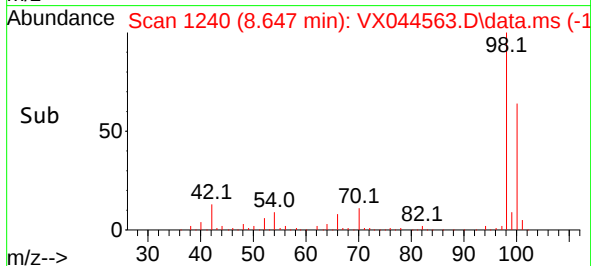
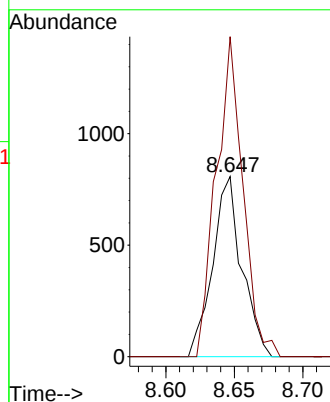
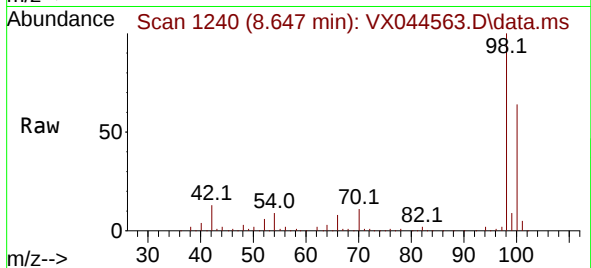




#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.647 min Scan# 1196
Delta R.T. 0.073 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

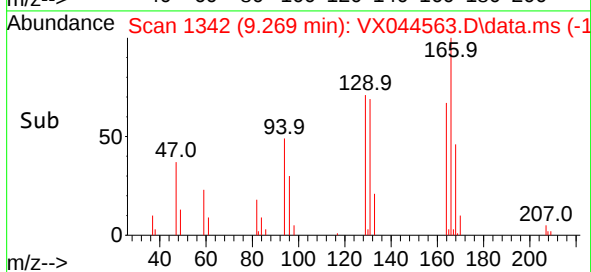
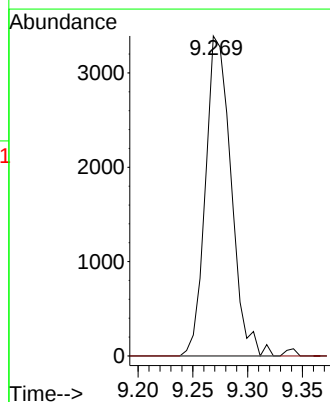
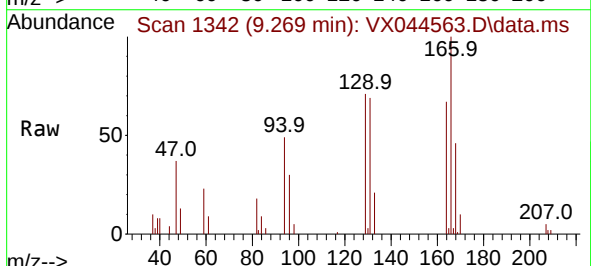
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20241218

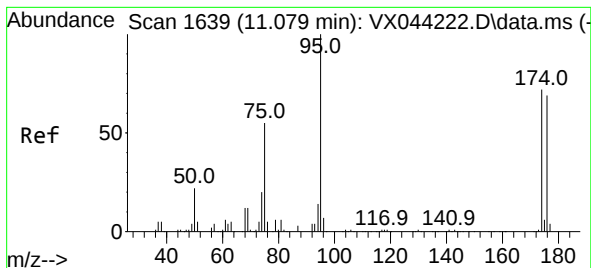
Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 163.0 29.4 44.0#



#60
Dibromochloromethane
Concen: 5.284 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Tgt Ion: 129 Resp: 5508
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

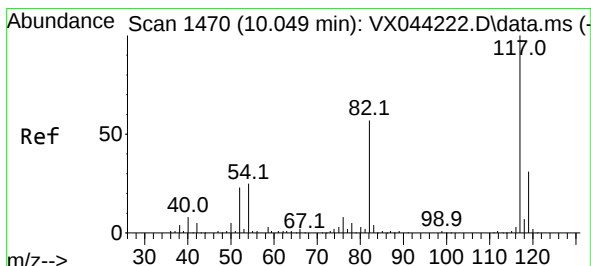
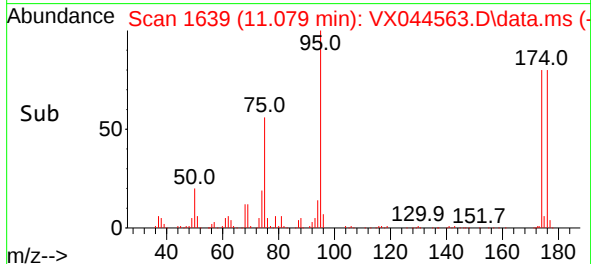
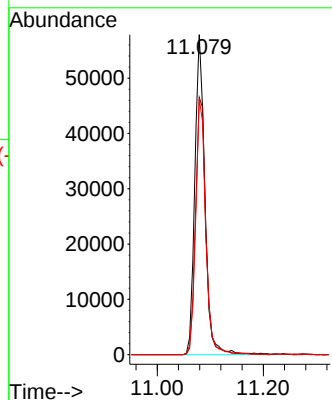
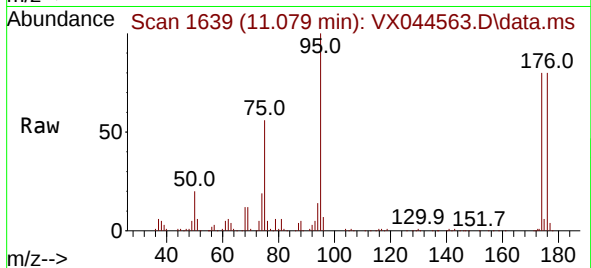




#62
4-Bromofluorobenzene
Concen: 48.344 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

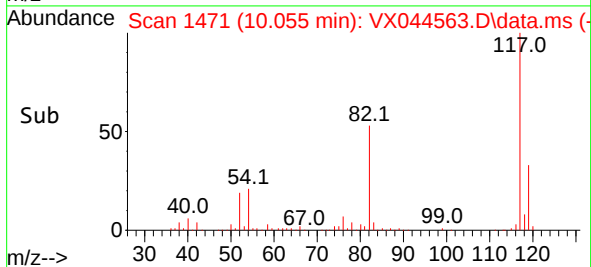
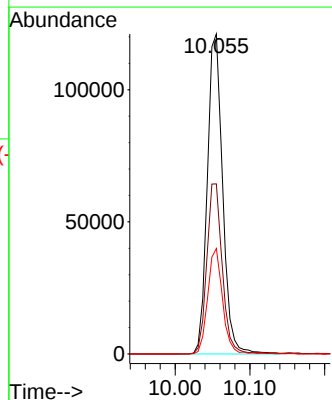
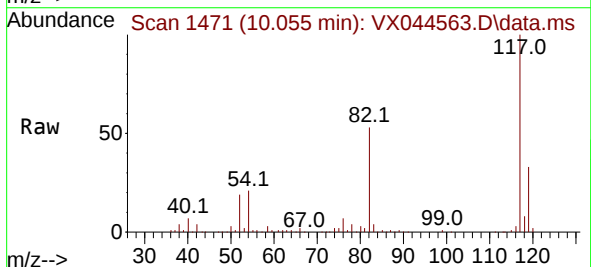
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20241218

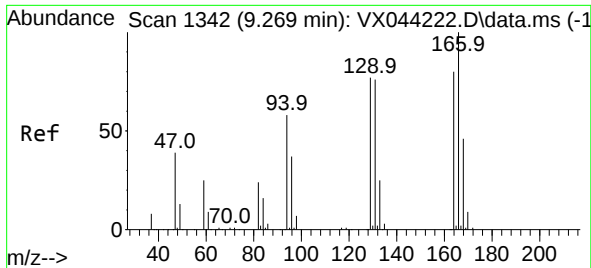
Tgt Ion: 95 Resp: 75918
Ion Ratio Lower Upper
95 100
174 83.0 0.0 145.8
176 79.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Tgt Ion: 117 Resp: 172631
Ion Ratio Lower Upper
117 100
82 53.1 45.8 68.8
119 33.0 25.0 37.4





#64

Tetrachloroethene

Concen: 4.896 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20241218

Tgt Ion:164 Resp: 5610

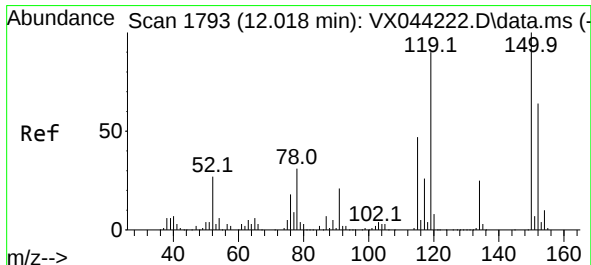
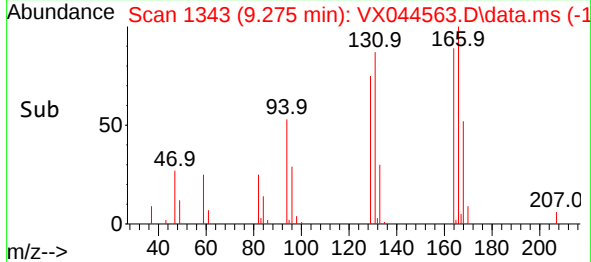
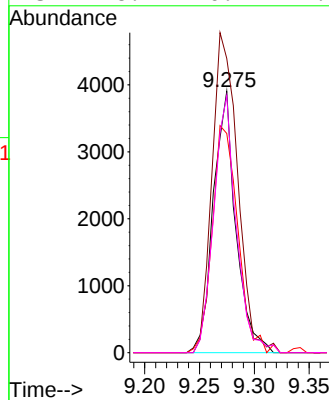
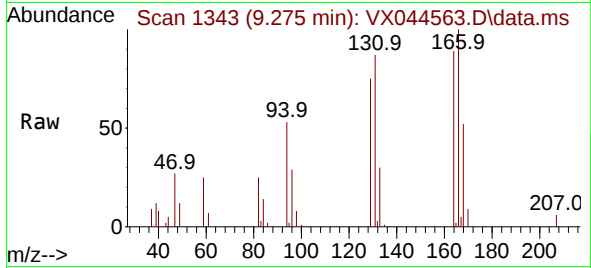
Ion Ratio Lower Upper

164 100

166 112.6 100.4 150.6

129 83.9 77.2 115.8

131 98.4 76.2 114.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044563.D

Acq: 30 Dec 2024 22:44

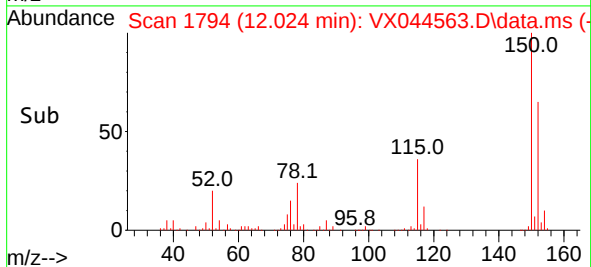
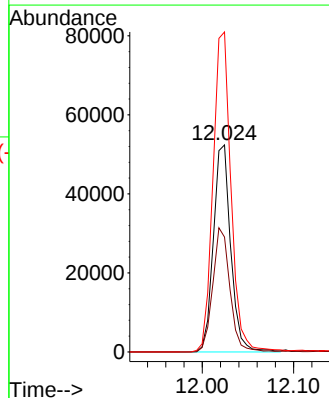
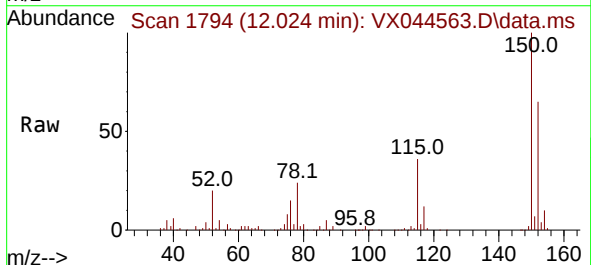
Tgt Ion:152 Resp: 69122

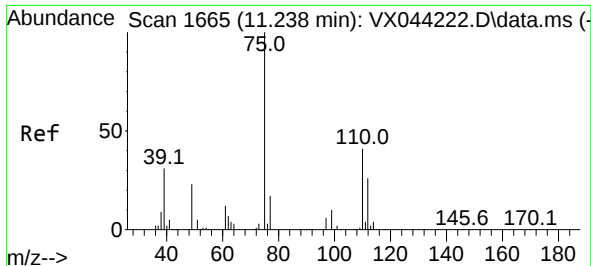
Ion Ratio Lower Upper

152 100

115 59.4 44.5 133.3

150 160.2 0.0 353.8

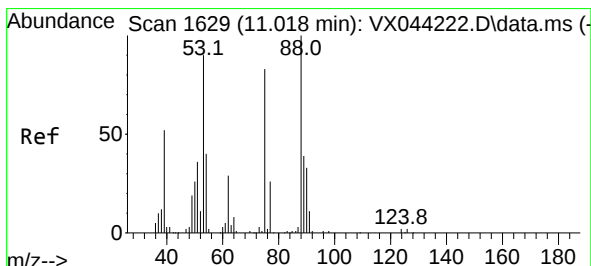
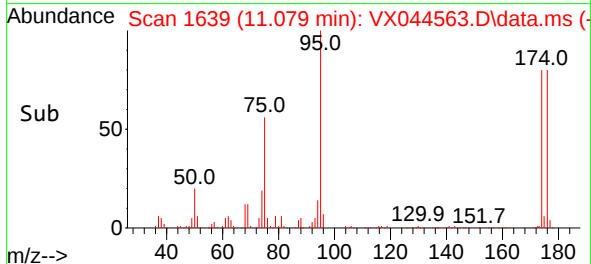
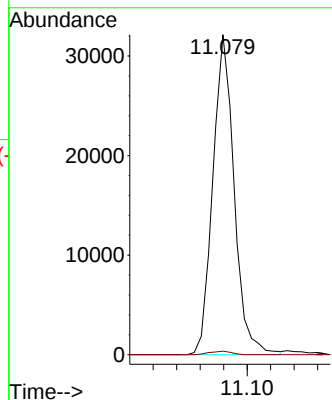
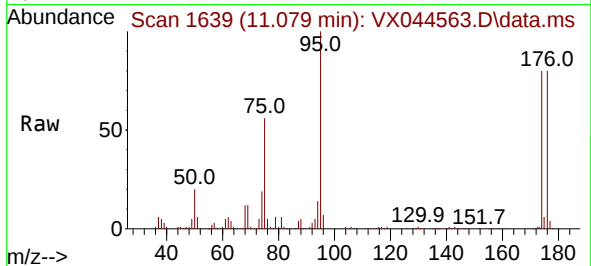




#76
1,2,3-Trichloropropane
Concen: 26.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20241218

Tgt Ion: 75 Resp: 40494
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044563.D
Acq: 30 Dec 2024 22:44

Tgt Ion: 75 Resp: 40494
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.2 37.3 55.9#

