

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044560.D
 Acq On : 30 Dec 2024 21:34
 Operator : JC/MD
 Sample : P5376-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20241219

Quant Time: Dec 31 00:39:12 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)

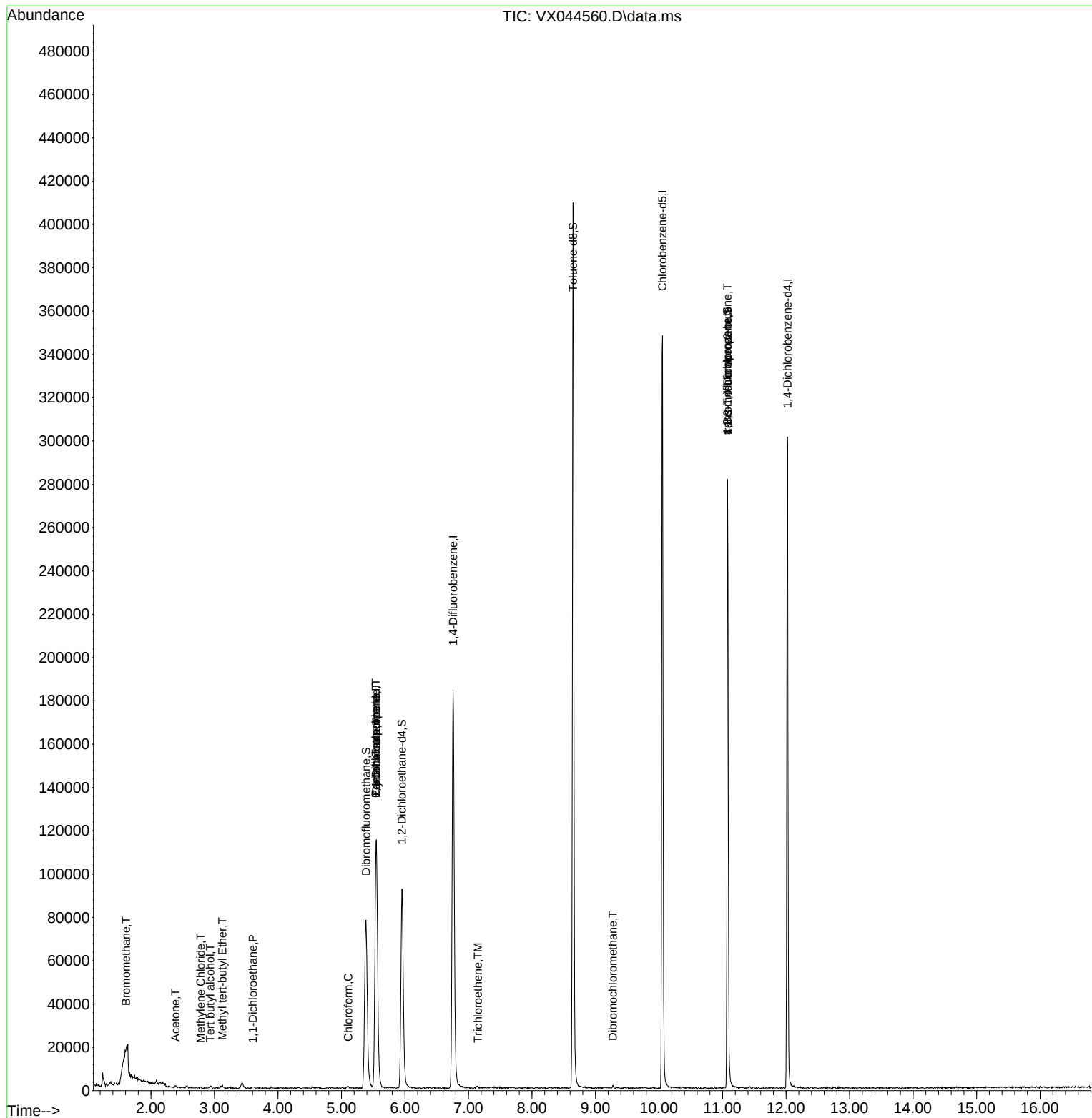
Internal Standards						
1) Pentafluorobenzene	5.544	168	109001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86253	45.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.260%
35) Dibromofluoromethane	5.385	113	68182	52.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.000%
50) Toluene-d8	8.647	98	236562	53.993	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	11.079	95	71810	46.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.820%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	572	0.480	ug/l #	40
11) Tert butyl alcohol	2.934	59	417	1.548	ug/l #	71
16) Acetone	2.386	43	715	0.918	ug/l #	77
19) Methyl tert-butyl Ether	3.123	73	1367	0.287	ug/l #	90
20) Methylene Chloride	2.782	84	293	0.200	ug/l #	42
24) 1,1-Dichloroethane	3.605	63	934	0.366	ug/l #	82
30) Chloroform	5.105	83	1022	0.356	ug/l #	72
31) Cyclohexane	5.550	56	2630	1.275	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	8879	5.289	ug/l #	50
38) Carbon Tetrachloride	5.544	117	11889	6.578	ug/l #	16
44) Trichloroethene	7.147	130	538	0.423	ug/l	31
60) Dibromochloromethane	9.275	129	141	1.338	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	39064	27.473	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39064	75.519	ug/l #	4

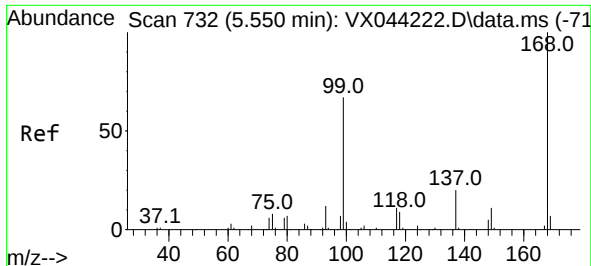
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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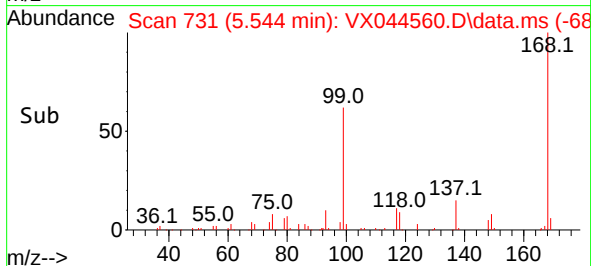
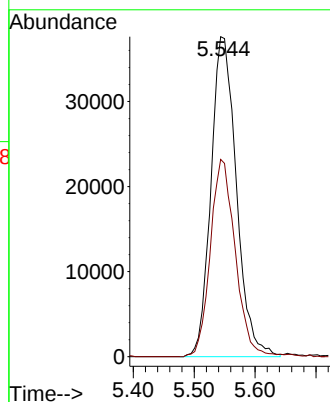
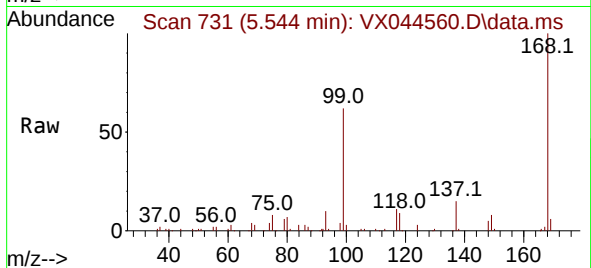




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

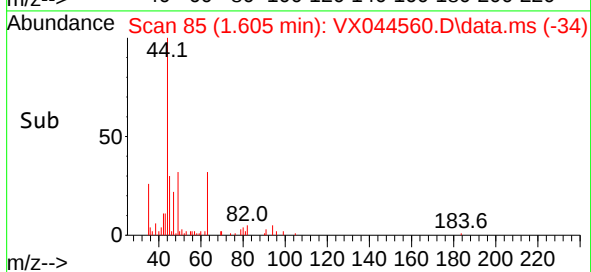
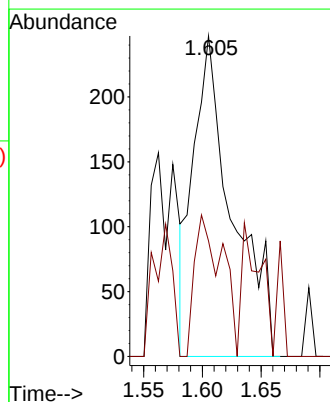
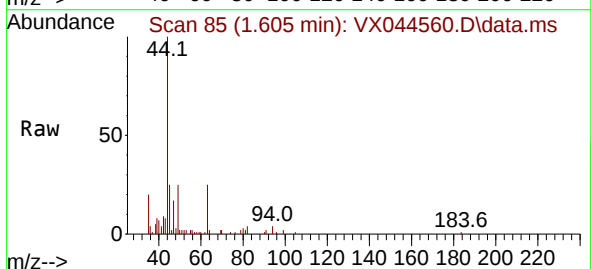
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20241219

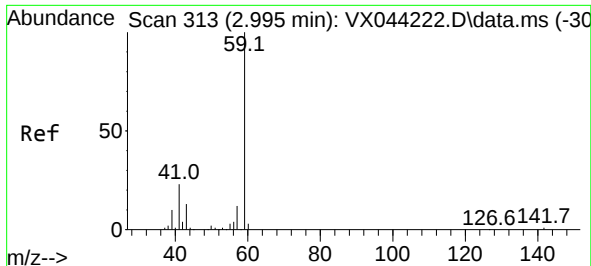
Tgt Ion:168 Resp: 109001
Ion Ratio Lower Upper
168 100
99 61.6 53.4 80.0



#5
Bromomethane
Concen: 0.480 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 36.0 74.9 112.3#

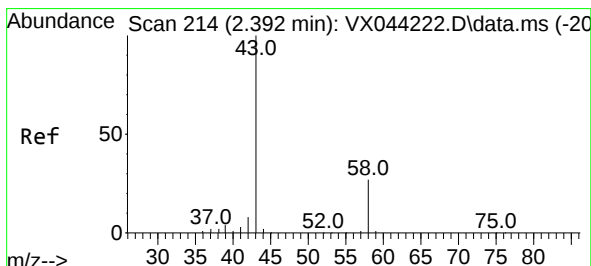
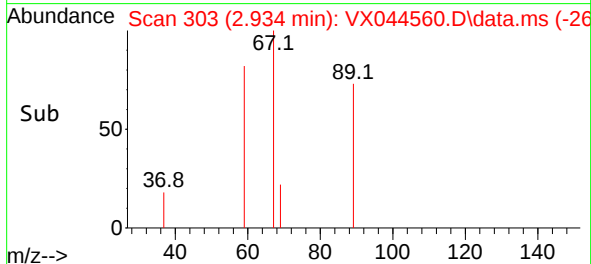
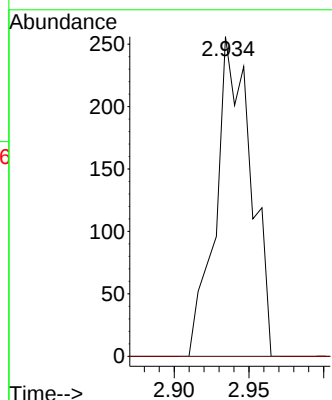
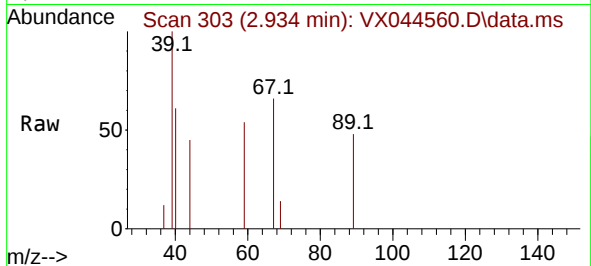




#11
Tert butyl alcohol
Concen: 1.548 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

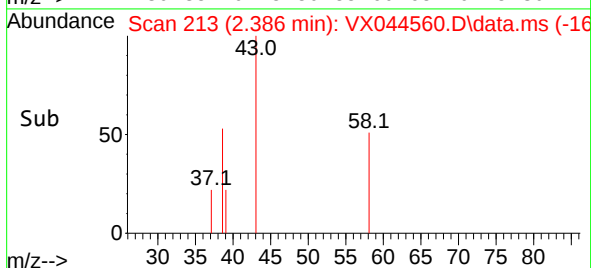
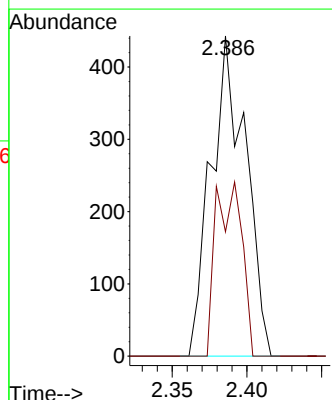
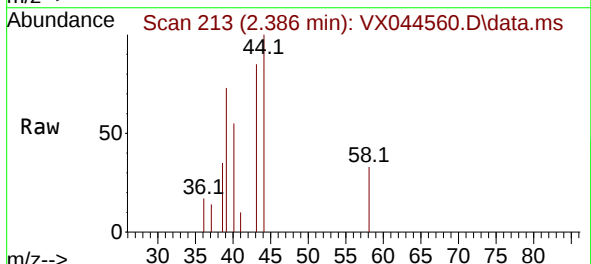
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20241219

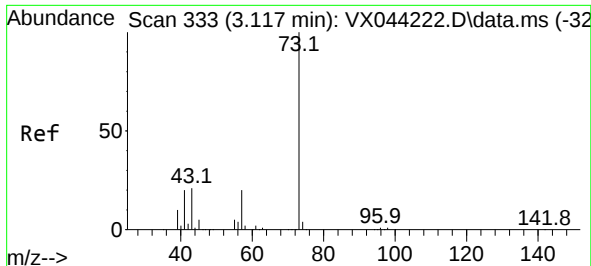
Tgt Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 0.918 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 38.8 21.6 32.4#

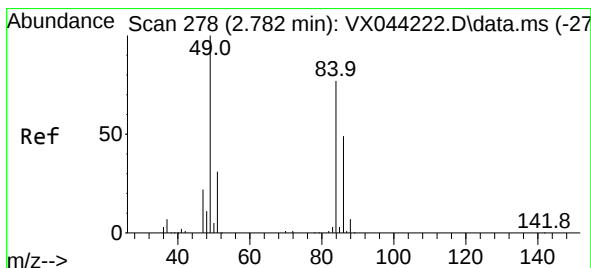
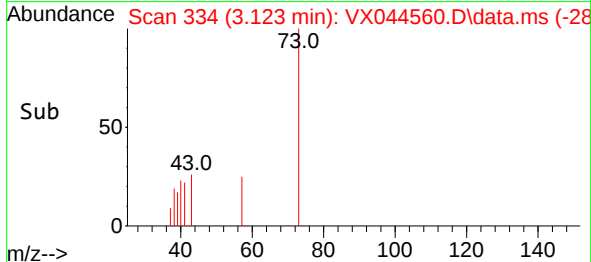
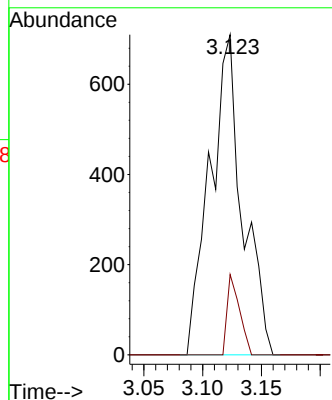
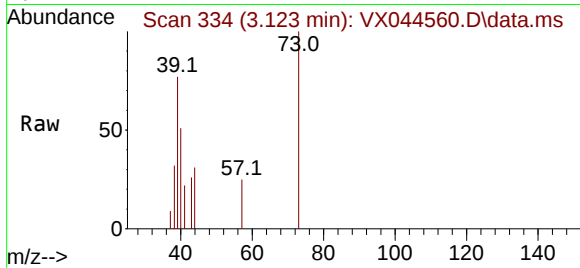




#19
Methyl tert-butyl Ether
Concen: 0.287 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

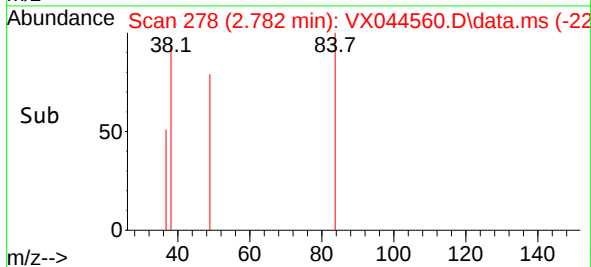
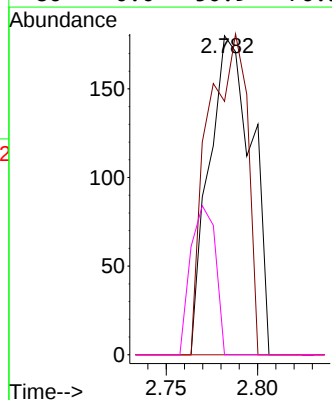
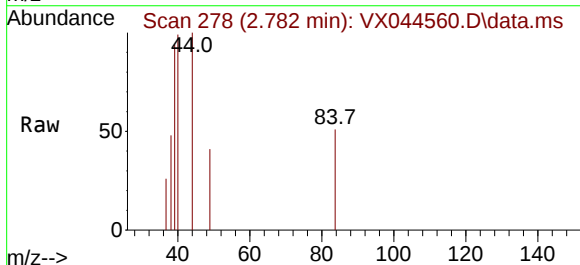
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20241219

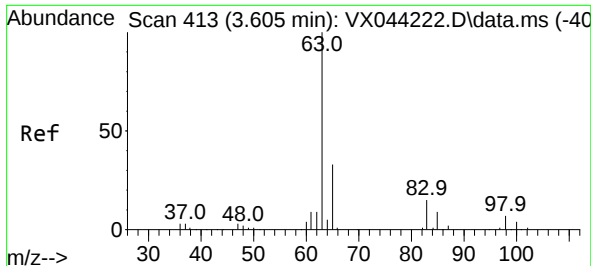
Tgt Ion: 73 Resp: 1367
Ion Ratio Lower Upper
73 100
57 25.1 16.2 24.4#



#20
Methylene Chloride
Concen: 0.200 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 84 Resp: 293
Ion Ratio Lower Upper
84 100
49 79.4 104.2 156.4#
51 0.0 32.2 48.4#
86 0.0 50.9 76.3#





#24

1,1-Dichloroethane

Concen: 0.366 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044560.D

Acq: 30 Dec 2024 21:34

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20241219

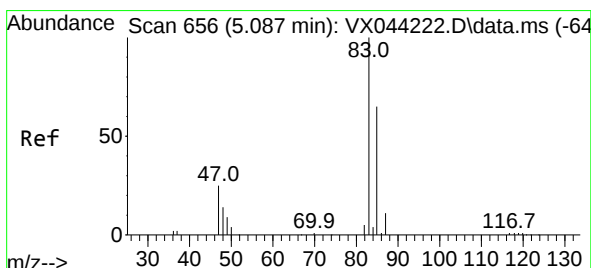
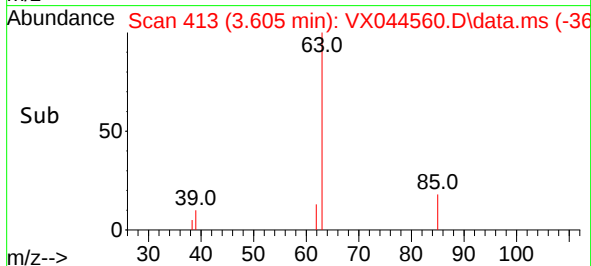
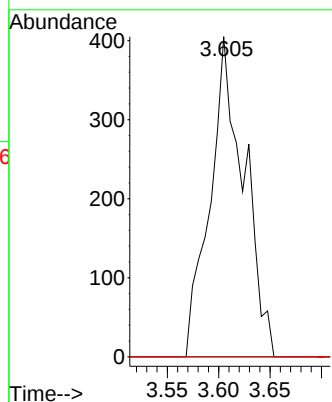
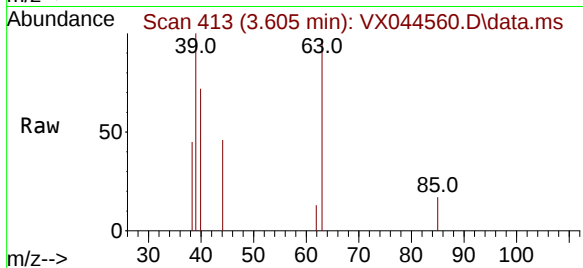
Tgt Ion: 63 Resp: 934

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.1 6.3#



#30

Chloroform

Concen: 0.356 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.018 min

Lab File: VX044560.D

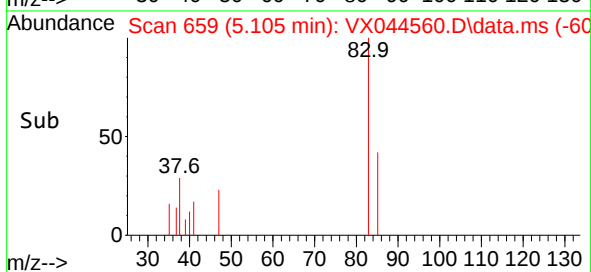
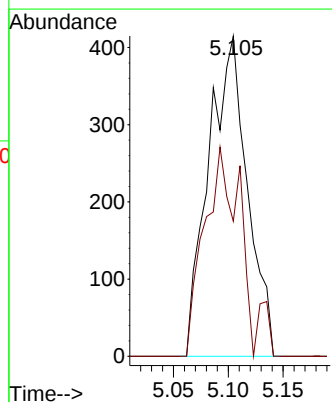
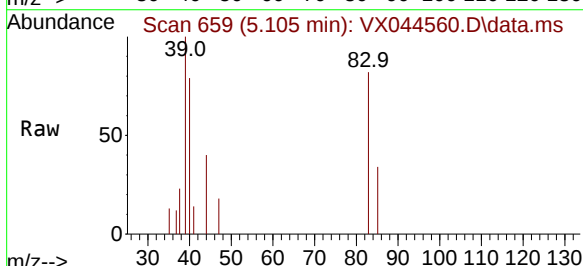
Acq: 30 Dec 2024 21:34

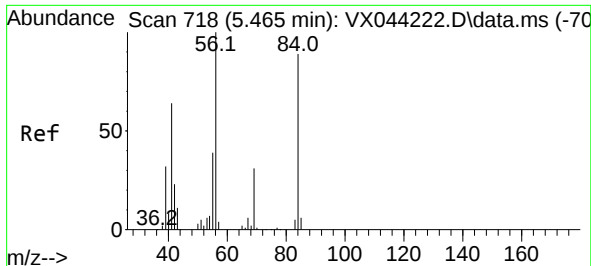
Tgt Ion: 83 Resp: 1022

Ion Ratio Lower Upper

83 100

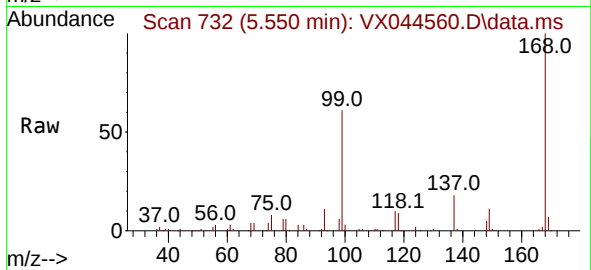
85 42.2 51.6 77.4#



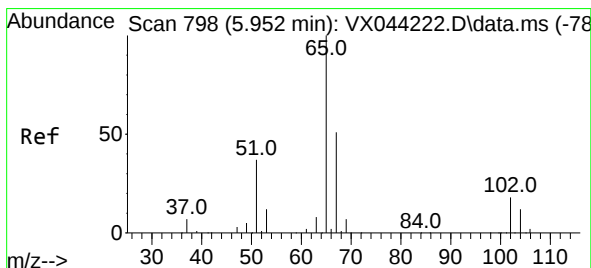
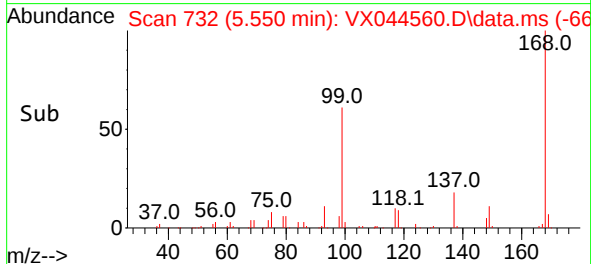
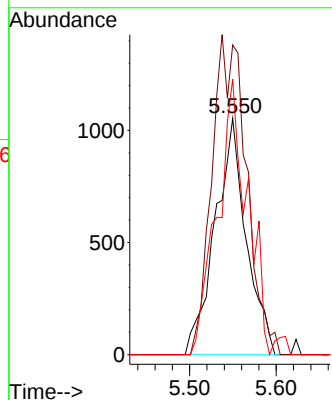


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20241219

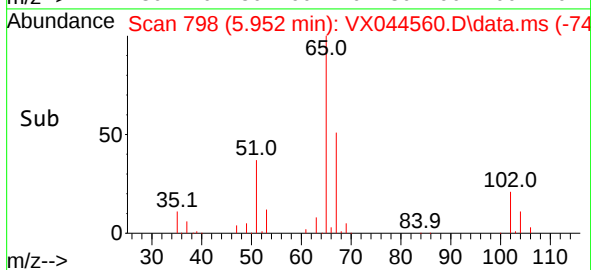
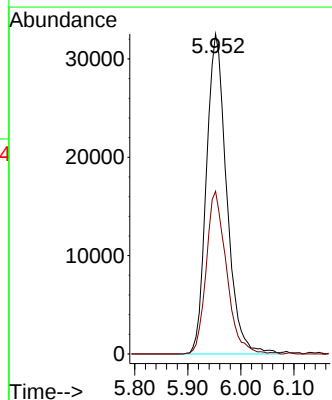
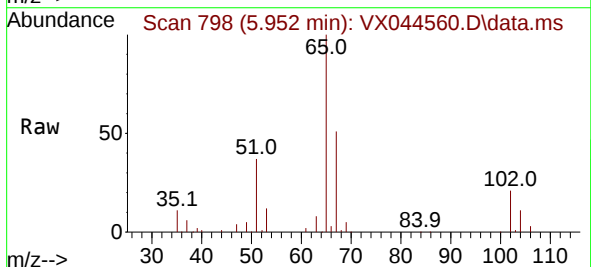


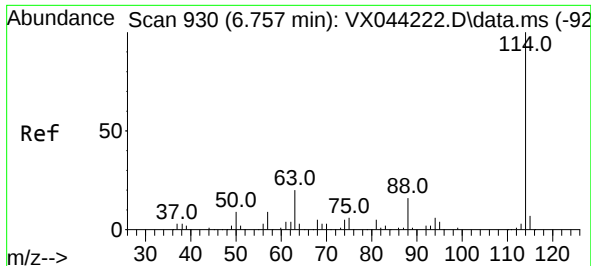
Tgt Ion: 56 Resp: 2630
Ion Ratio Lower Upper
56 100
69 131.0 24.7 37.1#
84 116.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.132 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 65 Resp: 86253
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6

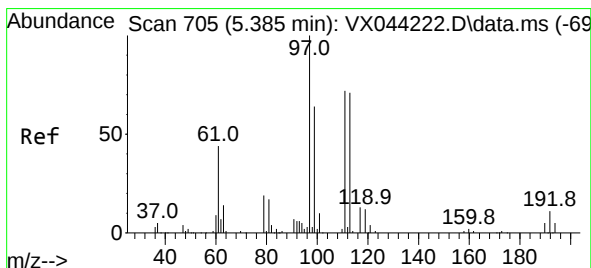
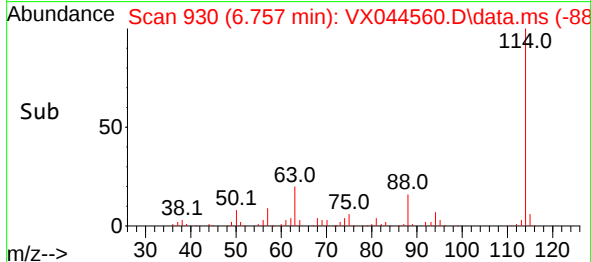
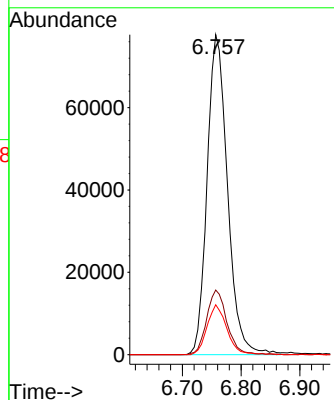
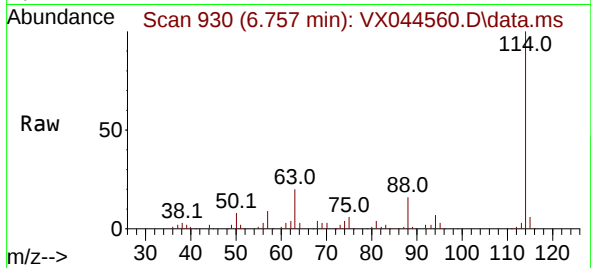




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

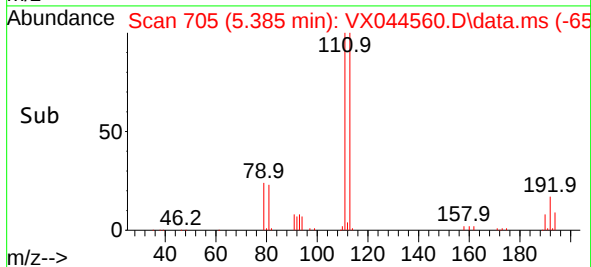
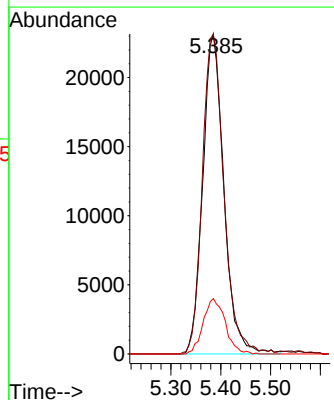
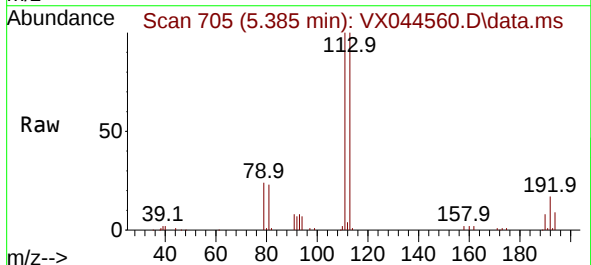
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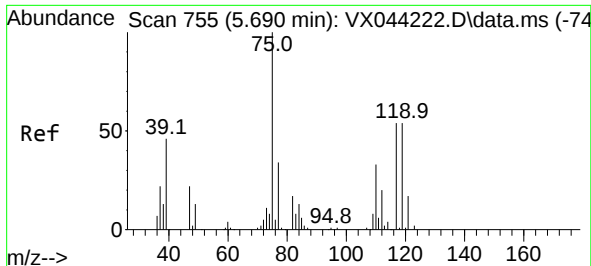
Tgt Ion:114 Resp: 187510
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.6
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.501 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion:113 Resp: 68182
Ion Ratio Lower Upper
113 100
111 102.0 80.4 120.6
192 18.0 13.3 19.9

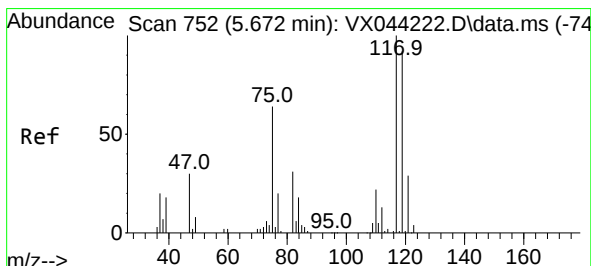
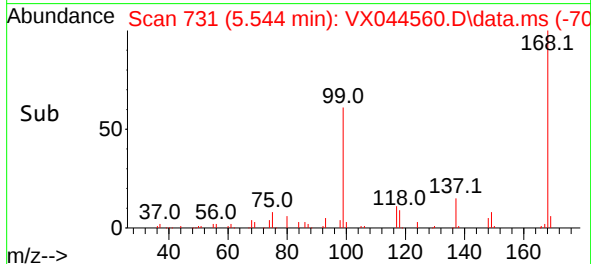
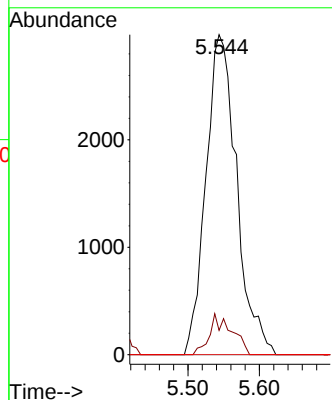
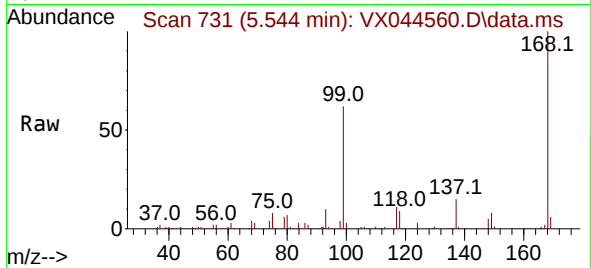




#36
1,1-Dichloropropene
Concen: 5.289 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

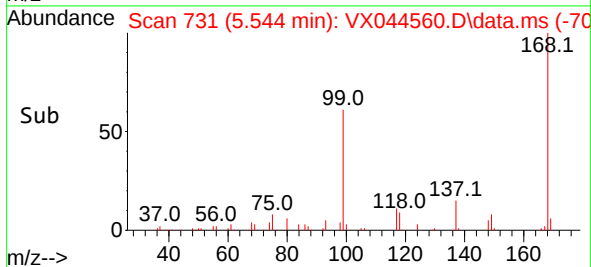
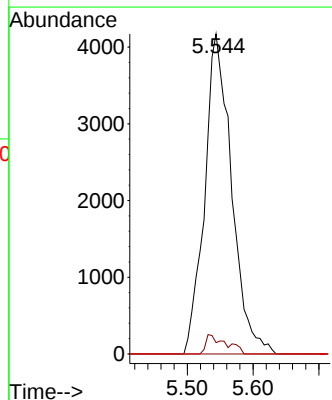
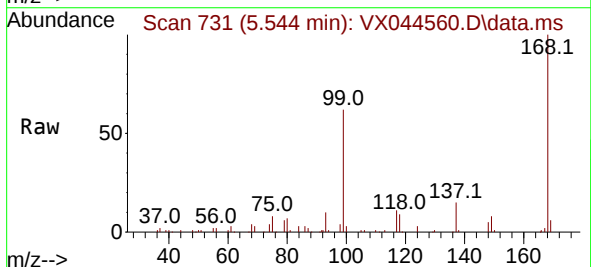
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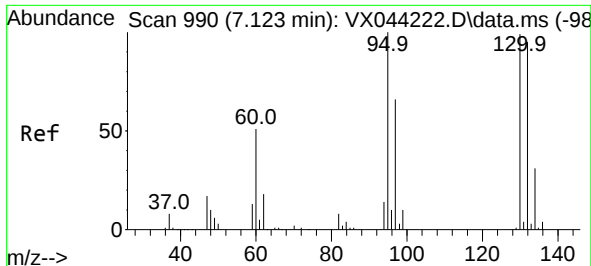
Tgt Ion: 75 Resp: 8879
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.578 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 117 Resp: 11889
Ion Ratio Lower Upper
117 100
119 3.5 74.2 111.4#
121 0.0 23.0 34.6#

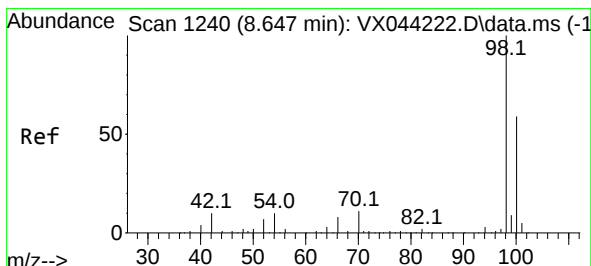
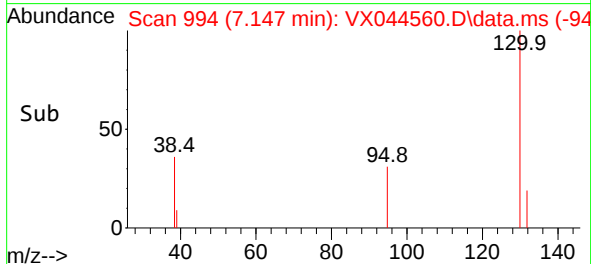
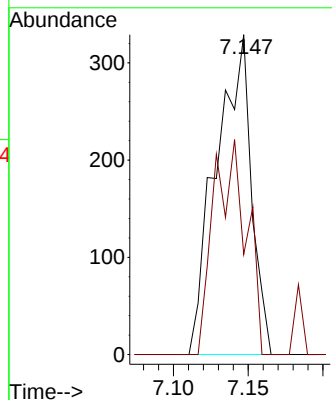
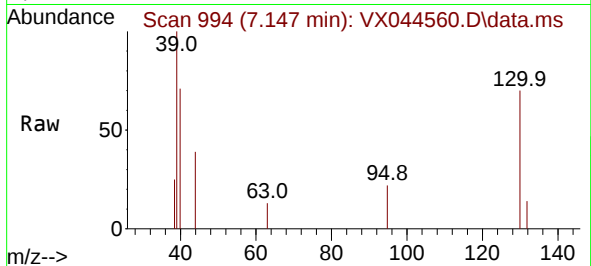




#44
Trichloroethene
Concen: 0.423 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

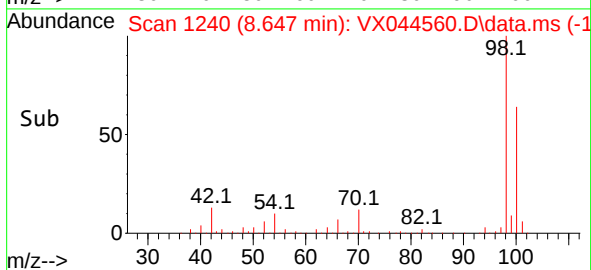
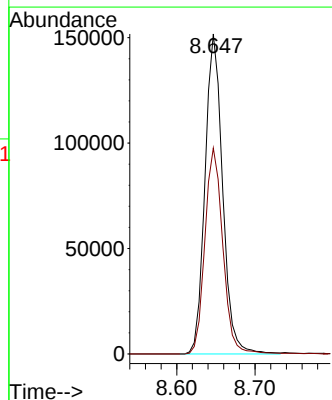
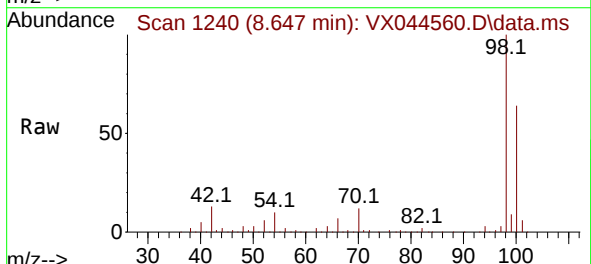
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20241219

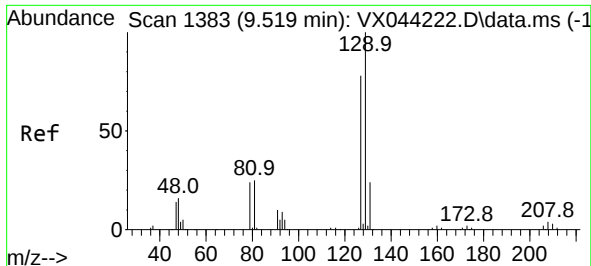
Tgt Ion:130 Resp: 538
Ion Ratio Lower Upper
130 100
95 31.3 0.0 201.4



#50
Toluene-d8
Concen: 53.993 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 98 Resp: 236562
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3

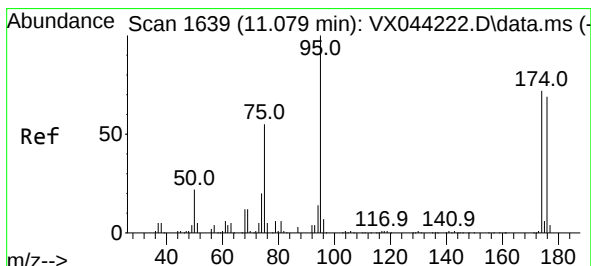
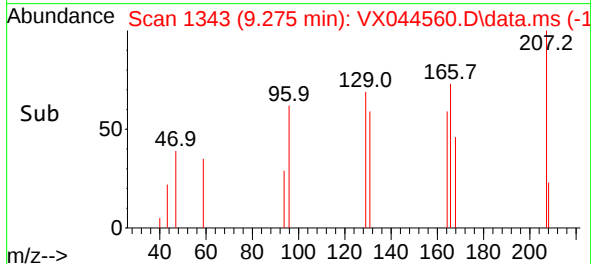
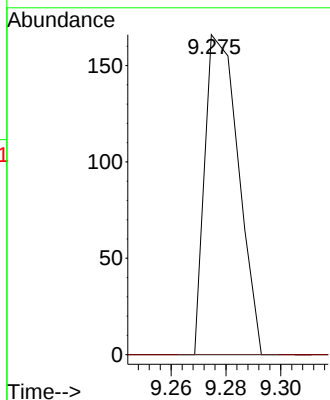
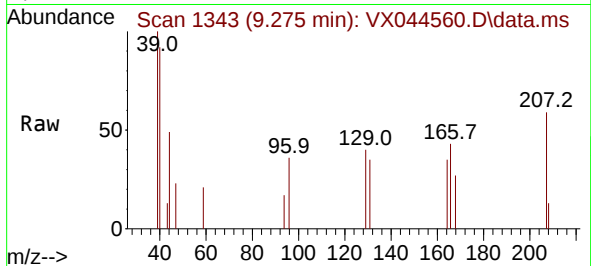




#60
Dibromochloromethane
Concen: 1.338 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

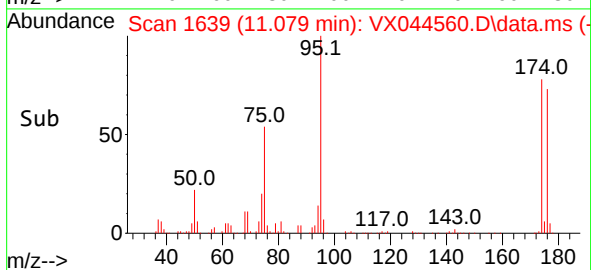
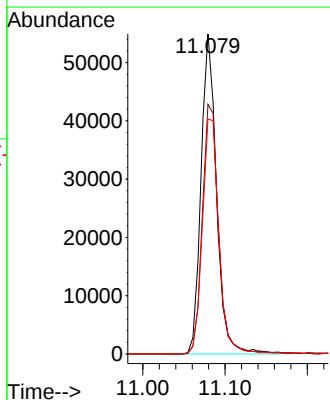
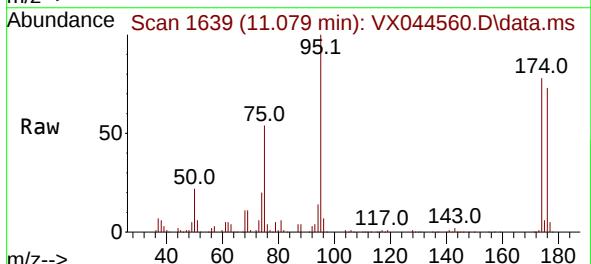
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20241219

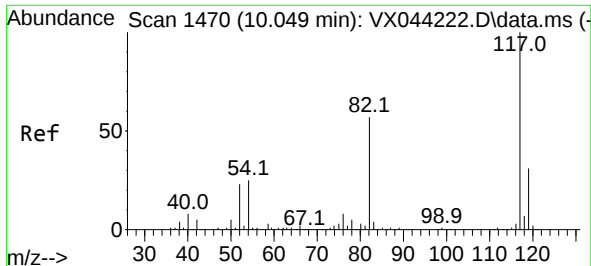
Tgt Ion:129 Resp: 141
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 46.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 95 Resp: 71810
Ion Ratio Lower Upper
95 100
174 82.5 0.0 145.8
176 78.8 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: VX044560.D

Acq: 30 Dec 2024 21:34

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20241219

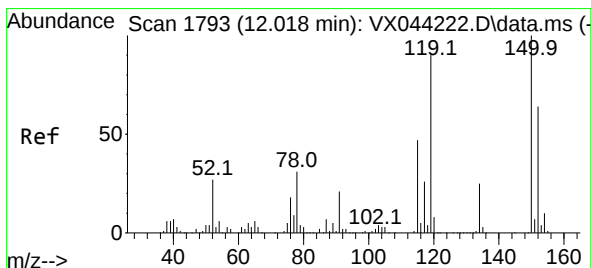
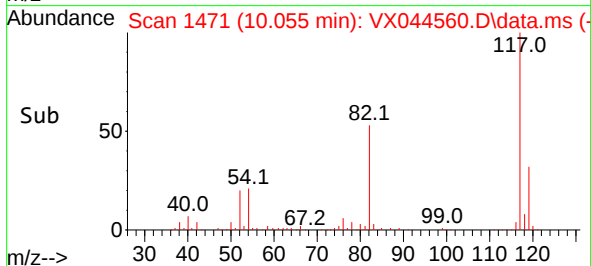
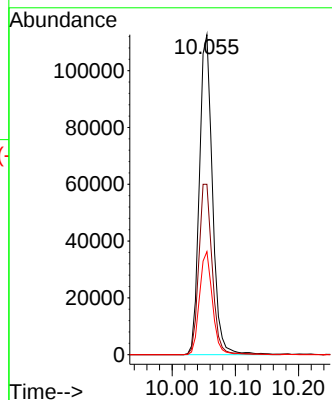
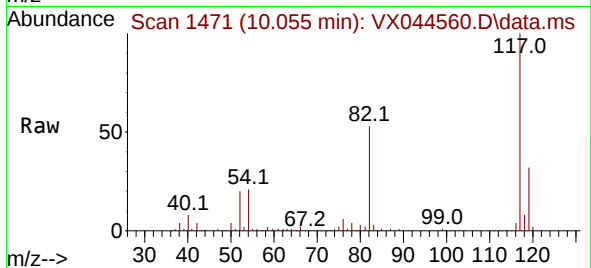
Tgt Ion:117 Resp: 162626

Ion Ratio Lower Upper

117 100

82 53.2 45.8 68.8

119 32.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044560.D

Acq: 30 Dec 2024 21:34

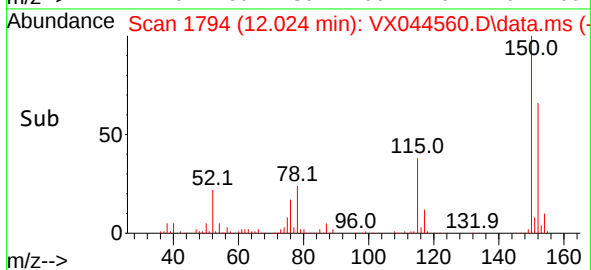
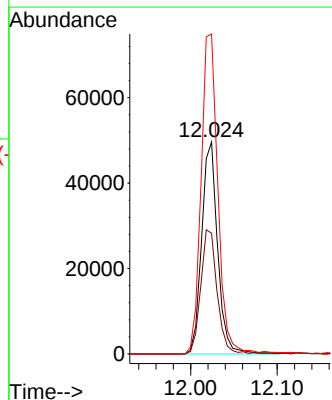
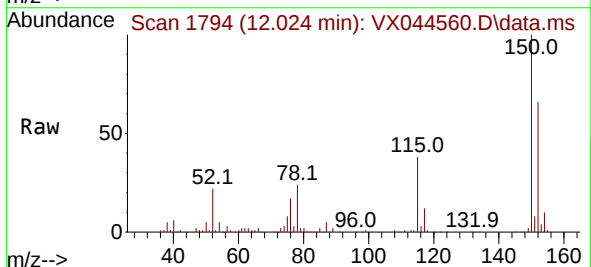
Tgt Ion:152 Resp: 63684

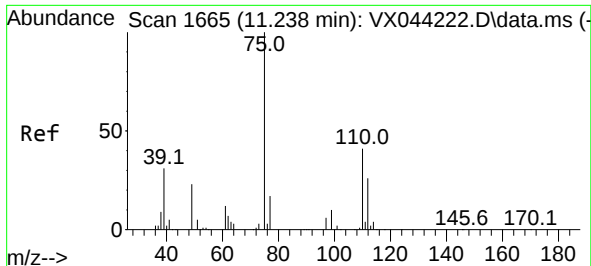
Ion Ratio Lower Upper

152 100

115 60.1 44.5 133.3

150 159.4 0.0 353.8

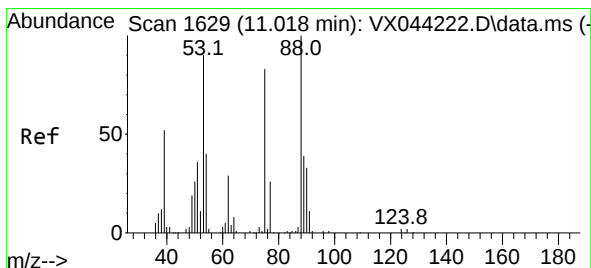
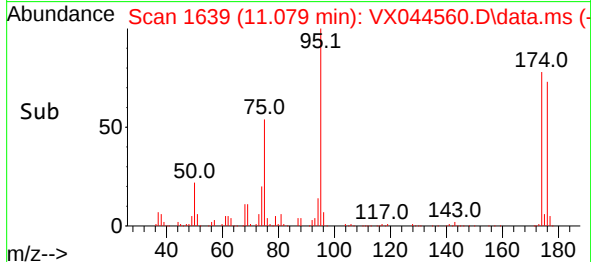
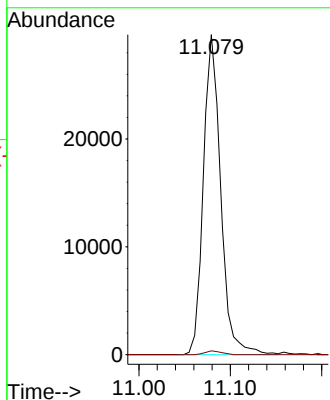
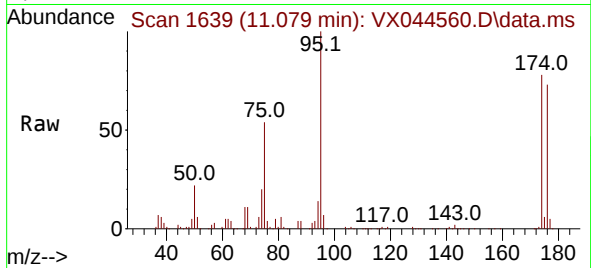




#76
1,2,3-Trichloropropane
Concen: 27.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20241219

Tgt Ion: 75 Resp: 39064
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044560.D
Acq: 30 Dec 2024 21:34

Tgt Ion: 75 Resp: 39064
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.2 37.3 55.9#

