

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044561.D
 Acq On : 30 Dec 2024 21:58
 Operator : JC/MD
 Sample : P5376-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20241219

Quant Time: Dec 31 00:39:37 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)

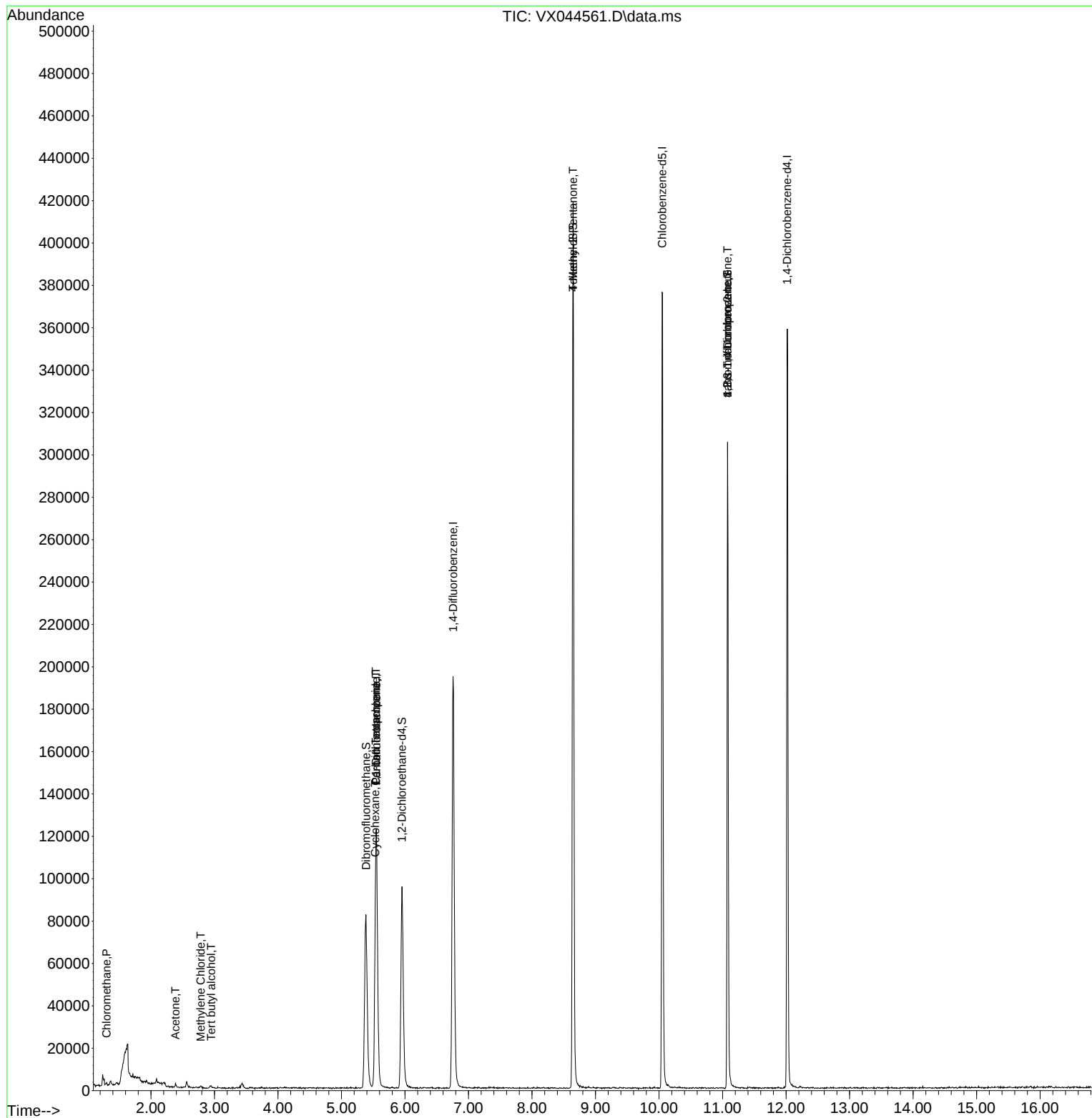
Internal Standards						
1) Pentafluorobenzene	5.550	168	114745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89076	44.276	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.560%		
35) Dibromofluoromethane	5.385	113	70150	51.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.620%		
50) Toluene-d8	8.647	98	243115	52.705	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.400%		
62) 4-Bromofluorobenzene	11.079	95	78894	48.947	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.900%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	788	0.464	ug/l	97
11) Tert butyl alcohol	2.947	59	393	1.386	ug/l #	71
16) Acetone	2.386	43	1381	1.684	ug/l #	87
20) Methylene Chloride	2.782	84	410	0.266	ug/l #	71
31) Cyclohexane	5.531	56	1723	0.793	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	9303	5.264	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12410	6.522	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1179	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42591	25.235	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	42591	69.822	ug/l #	4

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

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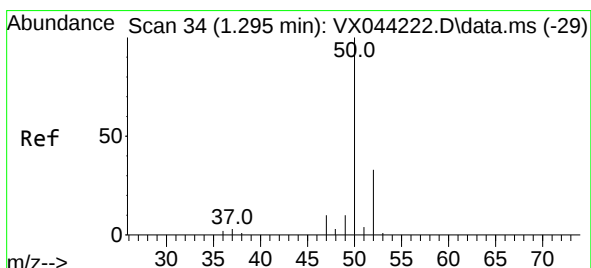
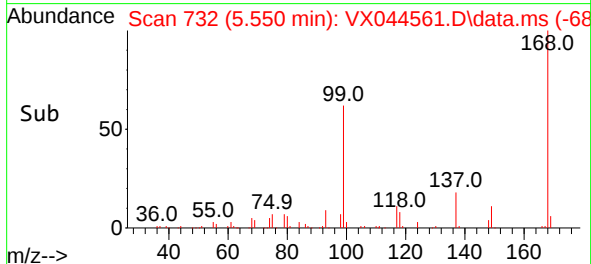
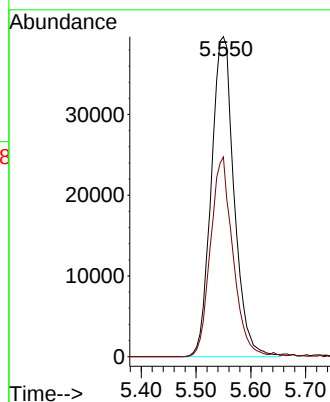
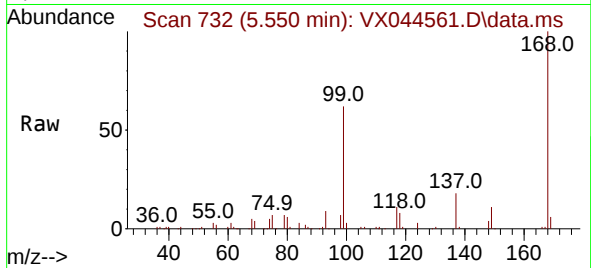




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

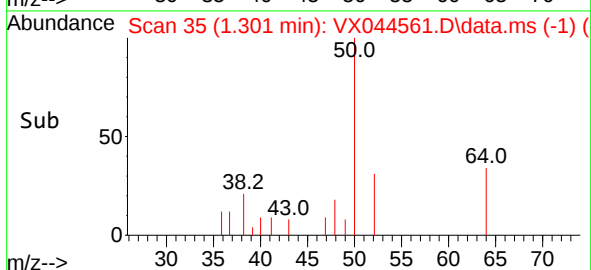
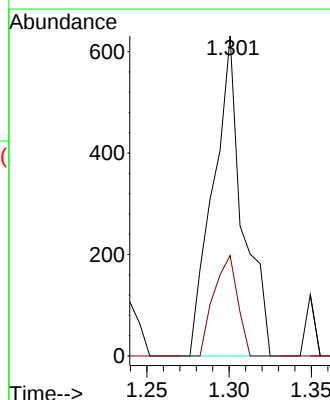
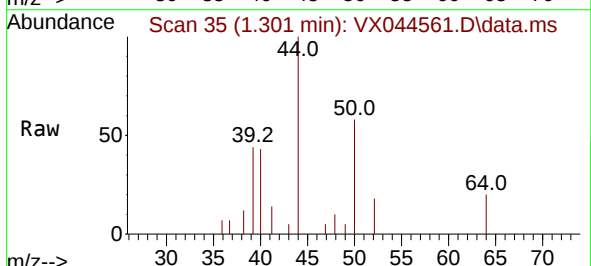
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20241219

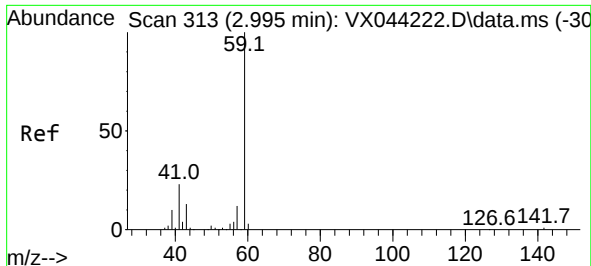
Tgt Ion:168 Resp: 114745
Ion Ratio Lower Upper
168 100
99 62.4 53.4 80.0



#3
Chloromethane
Concen: 0.464 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

Tgt Ion: 50 Resp: 788
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

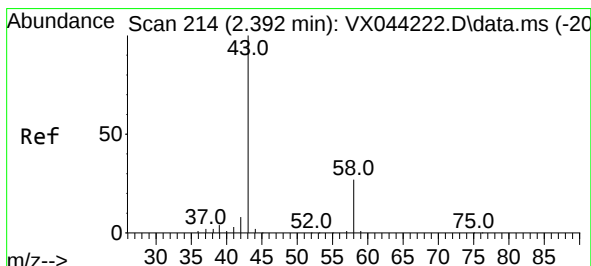
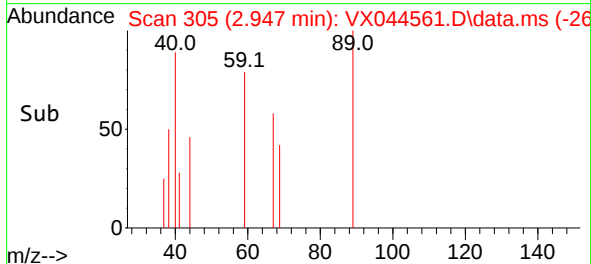
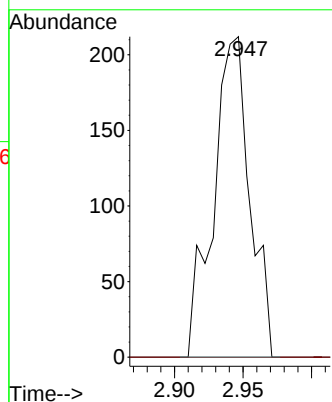
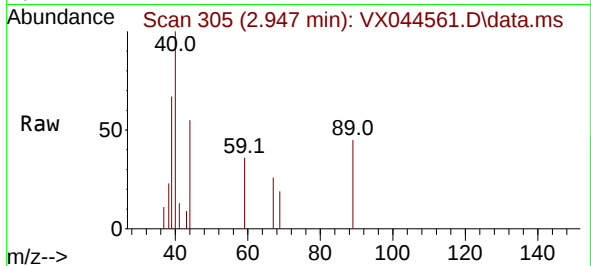




#11
Tert butyl alcohol
Concen: 1.386 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

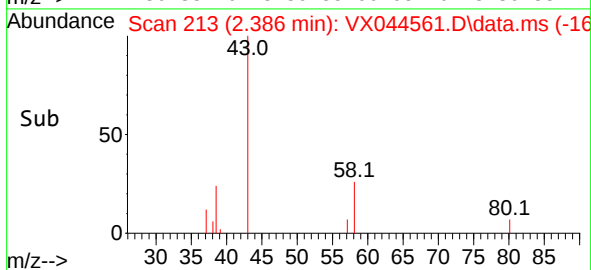
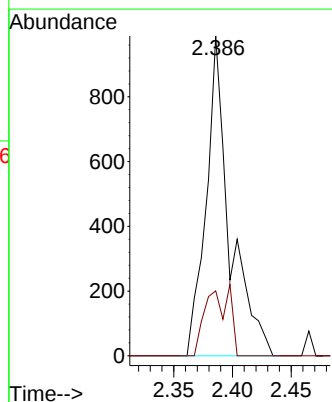
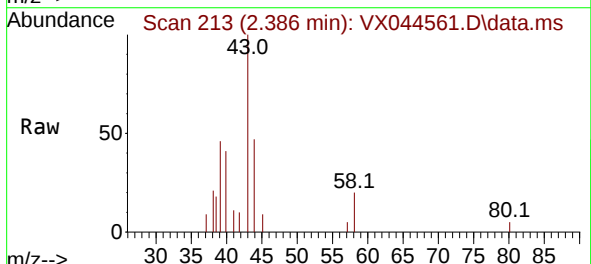
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20241219

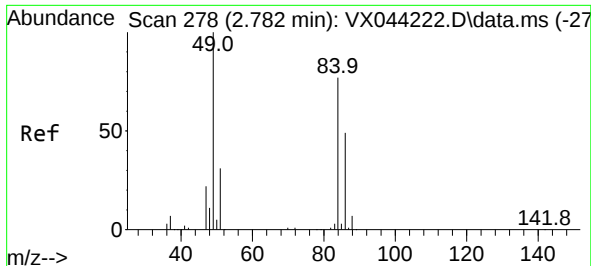
Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.684 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
58 20.3 21.6 32.4#

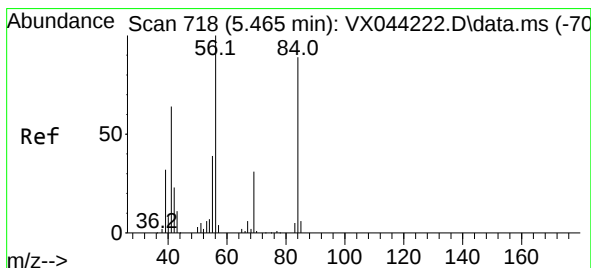
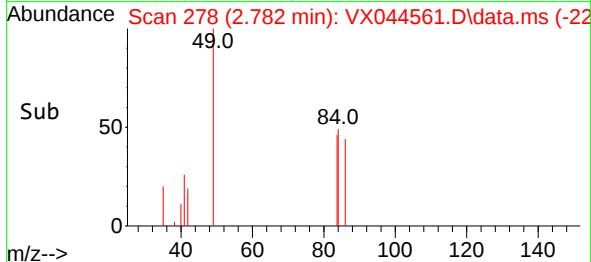
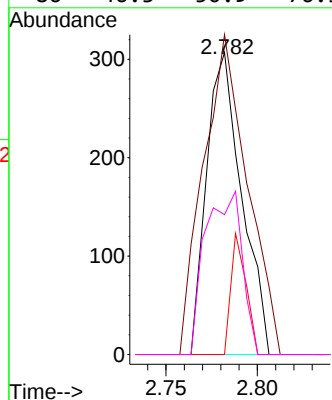
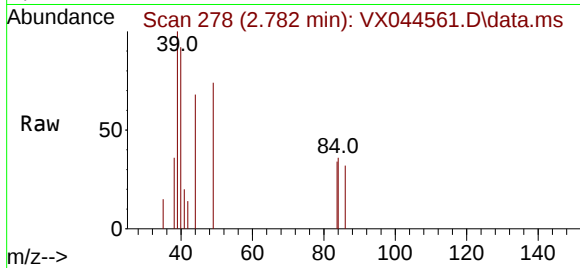




#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

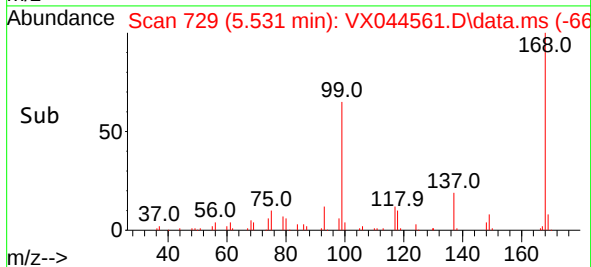
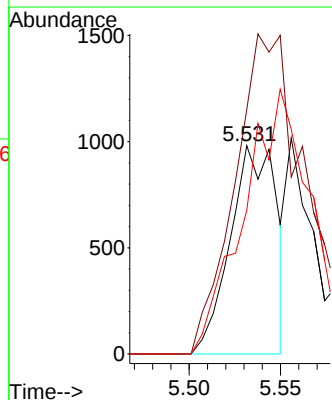
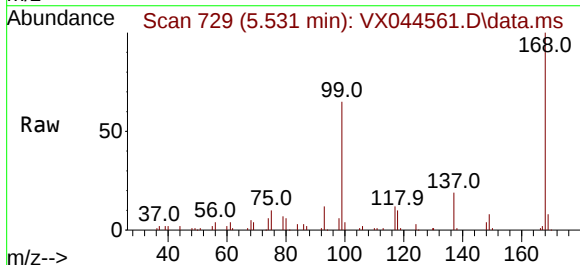
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20241219

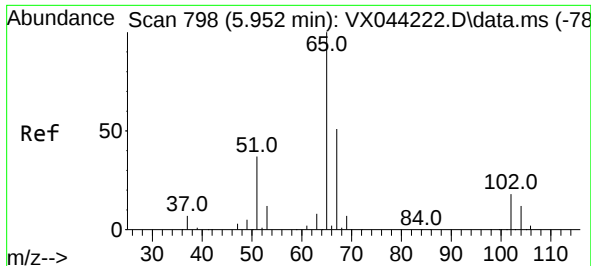
Tgt Ion:	84	Resp:	410
Ion	Ratio	Lower	Upper
84	100		
49	105.9	104.2	156.4
51	0.0	32.2	48.4#
86	46.3	50.9	76.3#



#31
Cyclohexane
Concen: 0.793 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.067 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

Tgt Ion:	56	Resp:	1723
Ion	Ratio	Lower	Upper
56	100		
69	117.3	24.7	37.1#
84	69.0	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.276 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044561.D

Acq: 30 Dec 2024 21:58

Instrument :

MSVOA_X

ClientSampleId :

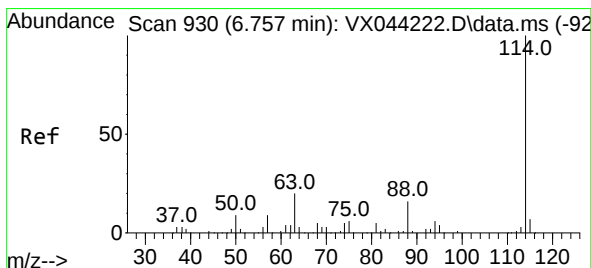
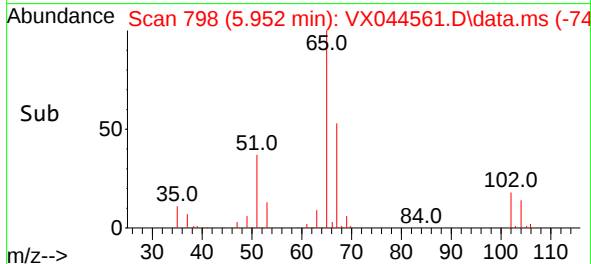
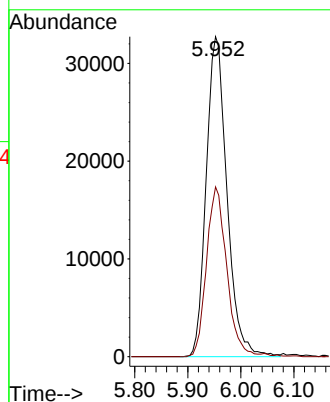
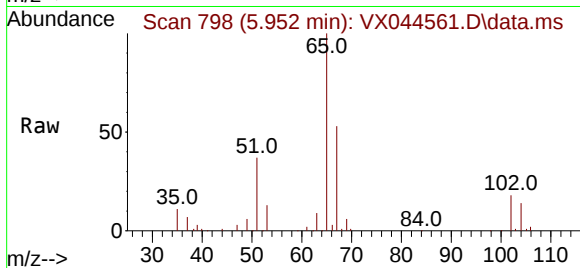
RW11-MW01I-20241219

Tgt Ion: 65 Resp: 89076

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044561.D

Acq: 30 Dec 2024 21:58

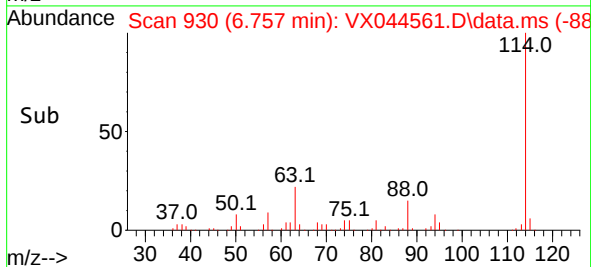
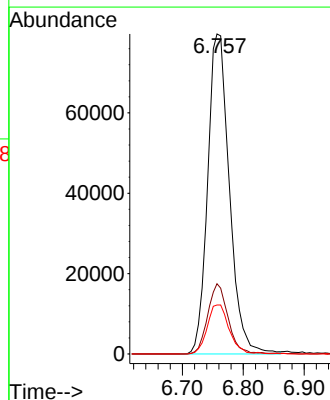
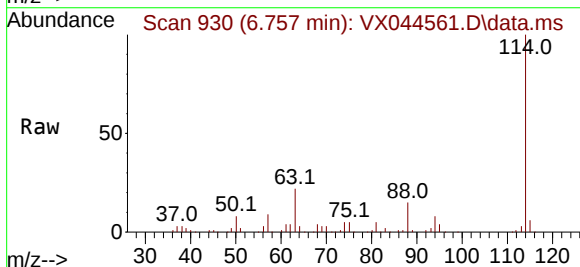
Tgt Ion: 114 Resp: 197414

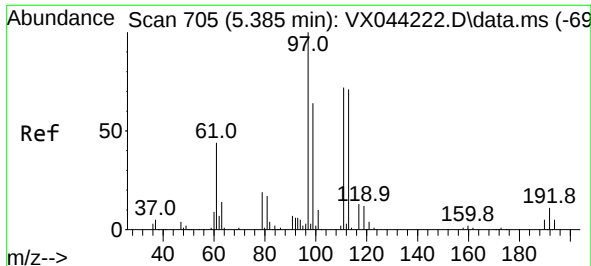
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.6

88 15.3 0.0 31.8

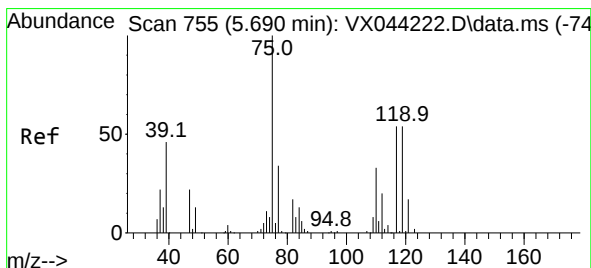
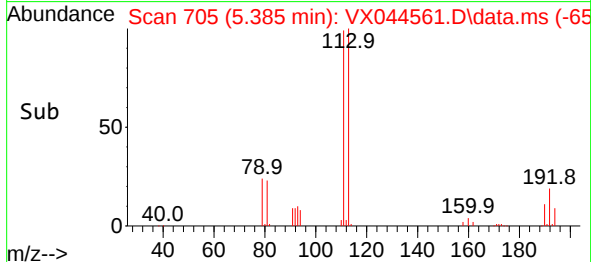
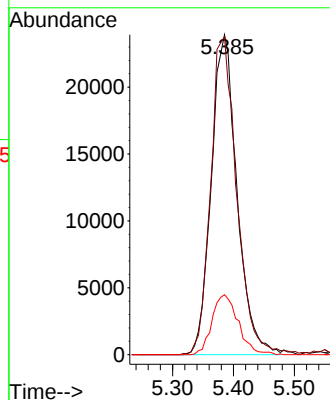
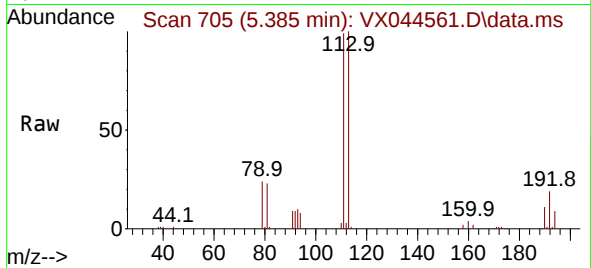




#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

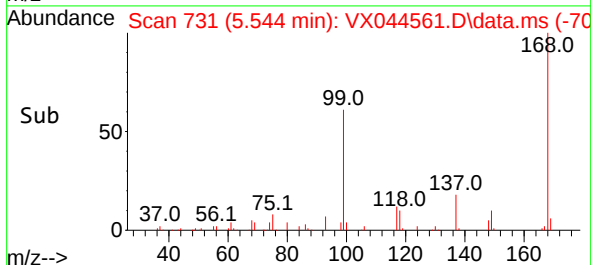
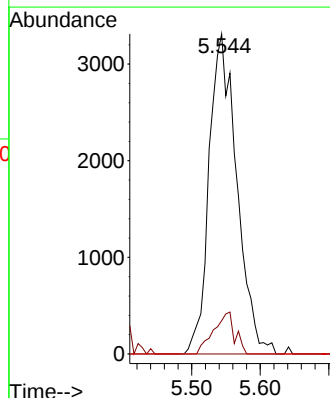
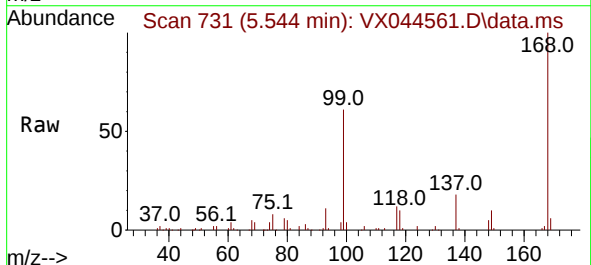
Instrument :
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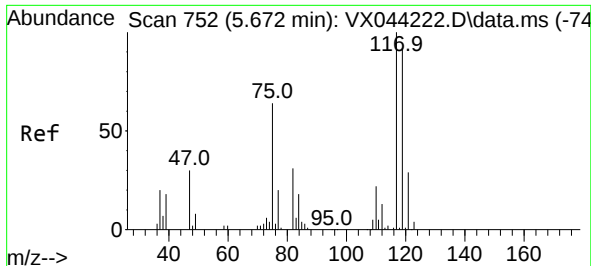
Tgt Ion:113 Resp: 70150
Ion Ratio Lower Upper
113 100
111 101.3 80.4 120.6
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.264 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

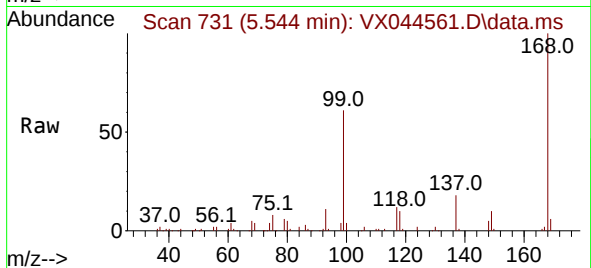
Tgt Ion: 75 Resp: 9303
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.7#
77 0.0 25.4 38.0#



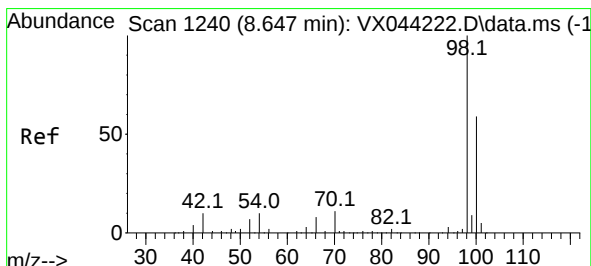
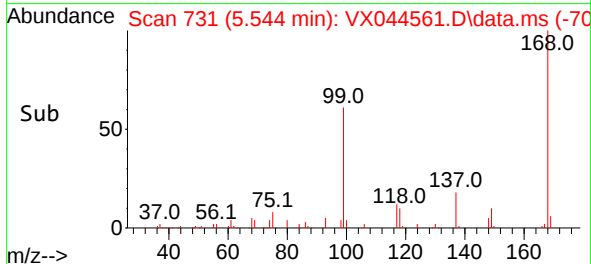
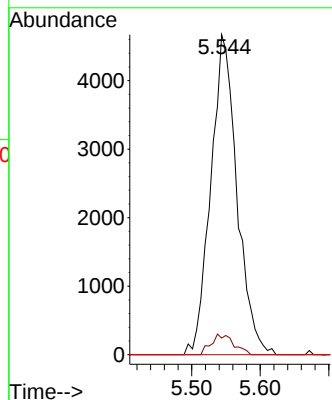


#38
Carbon Tetrachloride
Concen: 6.522 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20241219

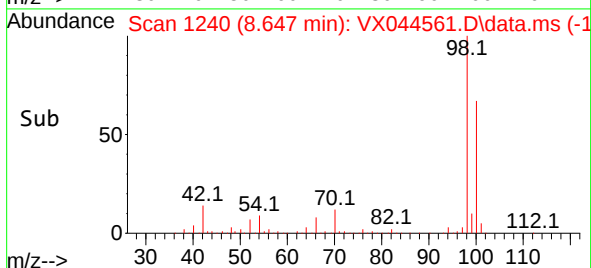
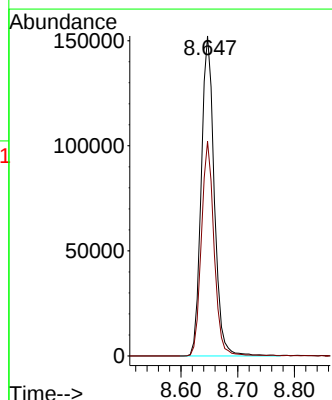
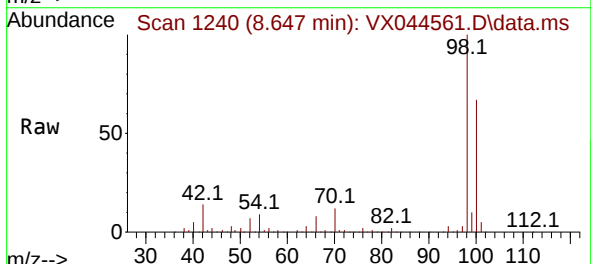


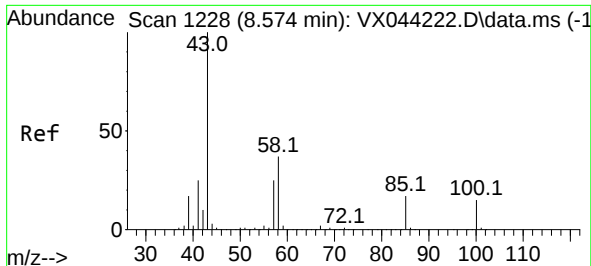
Tgt Ion:117 Resp: 12410
Ion Ratio Lower Upper
117 100
119 5.2 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 52.705 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

Tgt Ion: 98 Resp: 243115
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

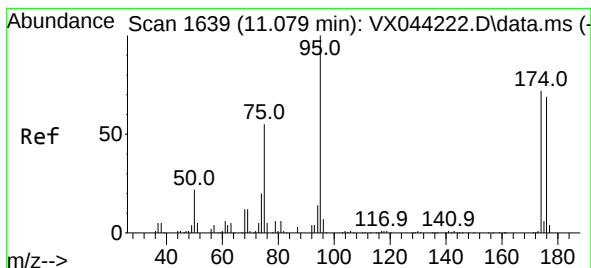
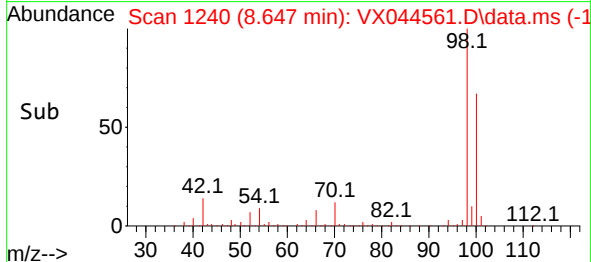
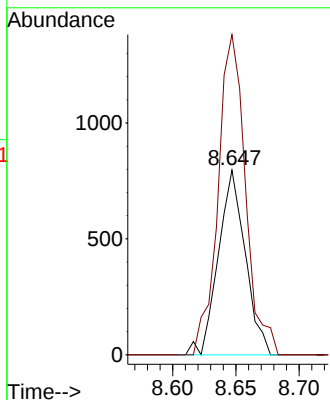
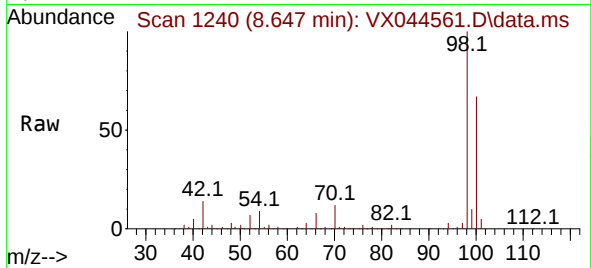




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.647 min Scan# 1179
Delta R.T. 0.073 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

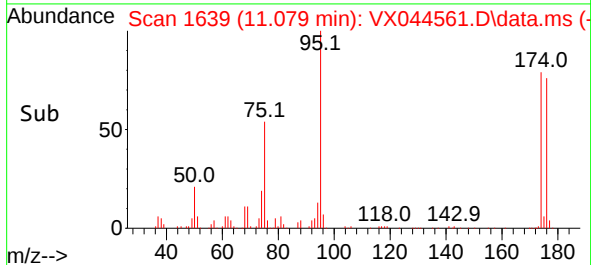
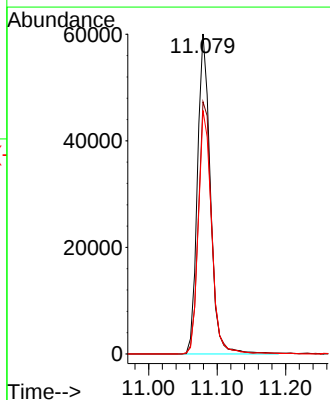
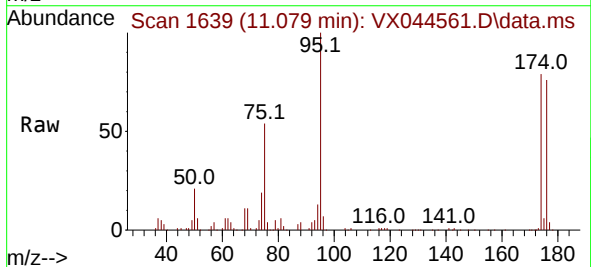
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20241219

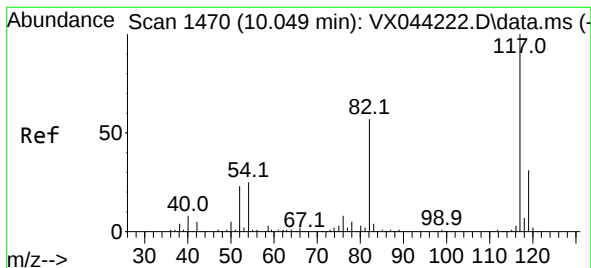
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 176.6 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 48.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044561.D
Acq: 30 Dec 2024 21:58

Tgt Ion: 95 Resp: 78894
Ion Ratio Lower Upper
95 100
174 80.9 0.0 145.8
176 78.1 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044561.D

Acq: 30 Dec 2024 21:58

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01I-20241219

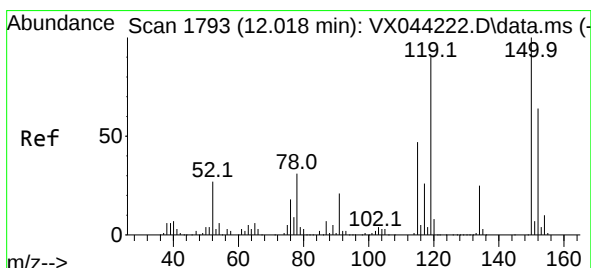
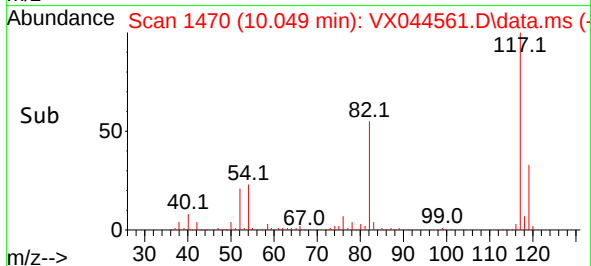
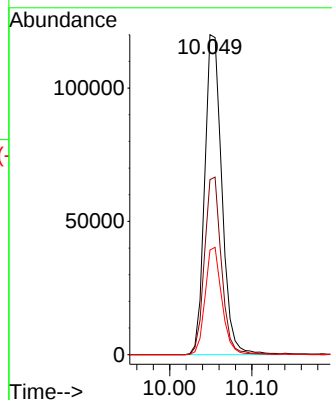
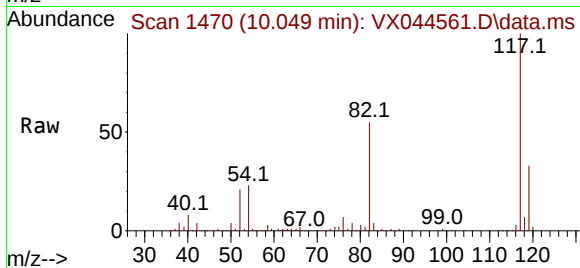
Tgt Ion:117 Resp: 174241

Ion Ratio Lower Upper

117 100

82 54.7 45.8 68.8

119 32.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044561.D

Acq: 30 Dec 2024 21:58

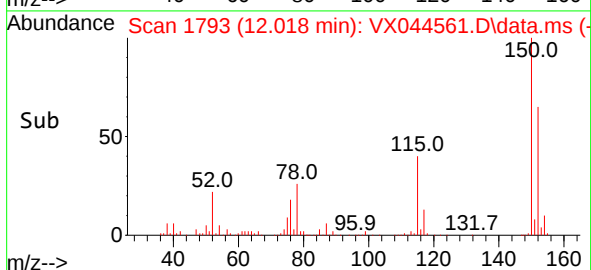
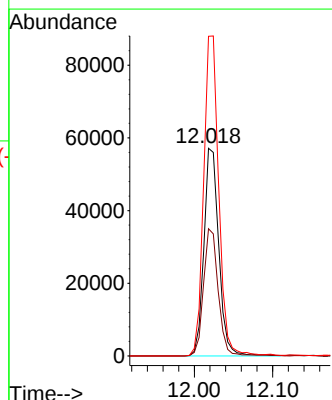
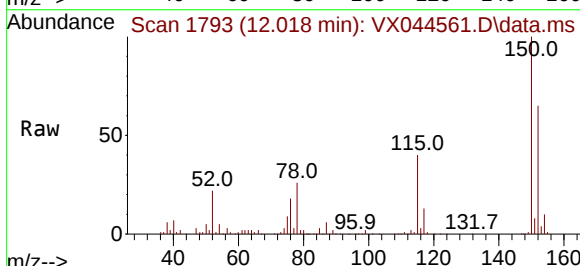
Tgt Ion:152 Resp: 75591

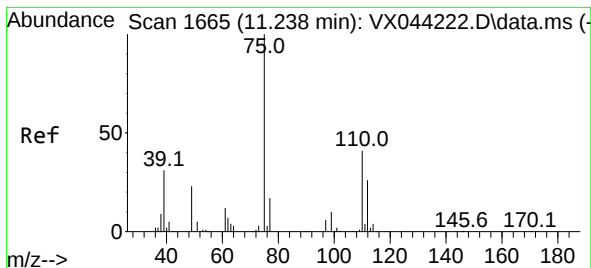
Ion Ratio Lower Upper

152 100

115 60.5 44.5 133.3

150 155.2 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 25.235 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044561.D

Acq: 30 Dec 2024 21:58

Instrument :

MSVOA_X

ClientSampleId :

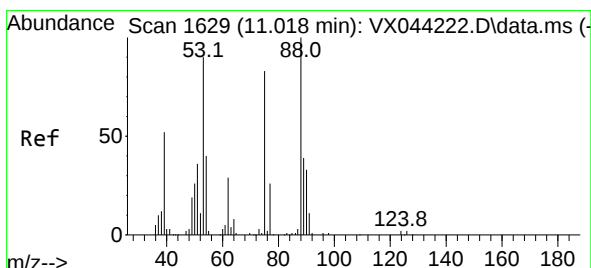
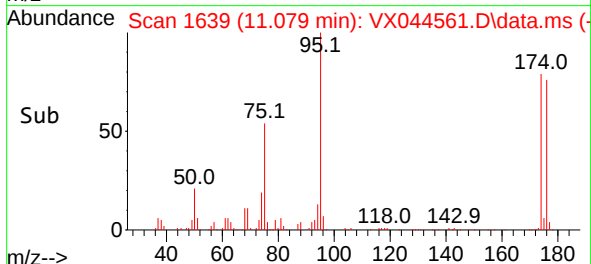
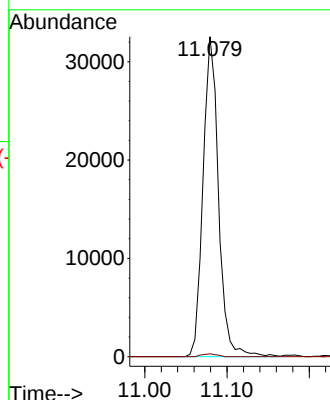
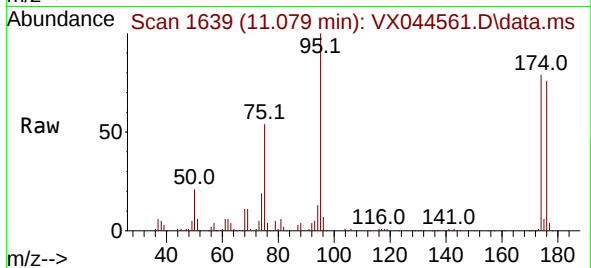
RW11-MW01I-20241219

Tgt Ion: 75 Resp: 42591

Ion Ratio Lower Upper

75 100

77 0.9 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.822 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044561.D

Acq: 30 Dec 2024 21:58

Tgt Ion: 75 Resp: 42591

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#

