

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028661.D
 Acq On : 13 May 2022 00:15
 Operator : JC/MD
 Sample : N2811-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Quant Time: May 13 02:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

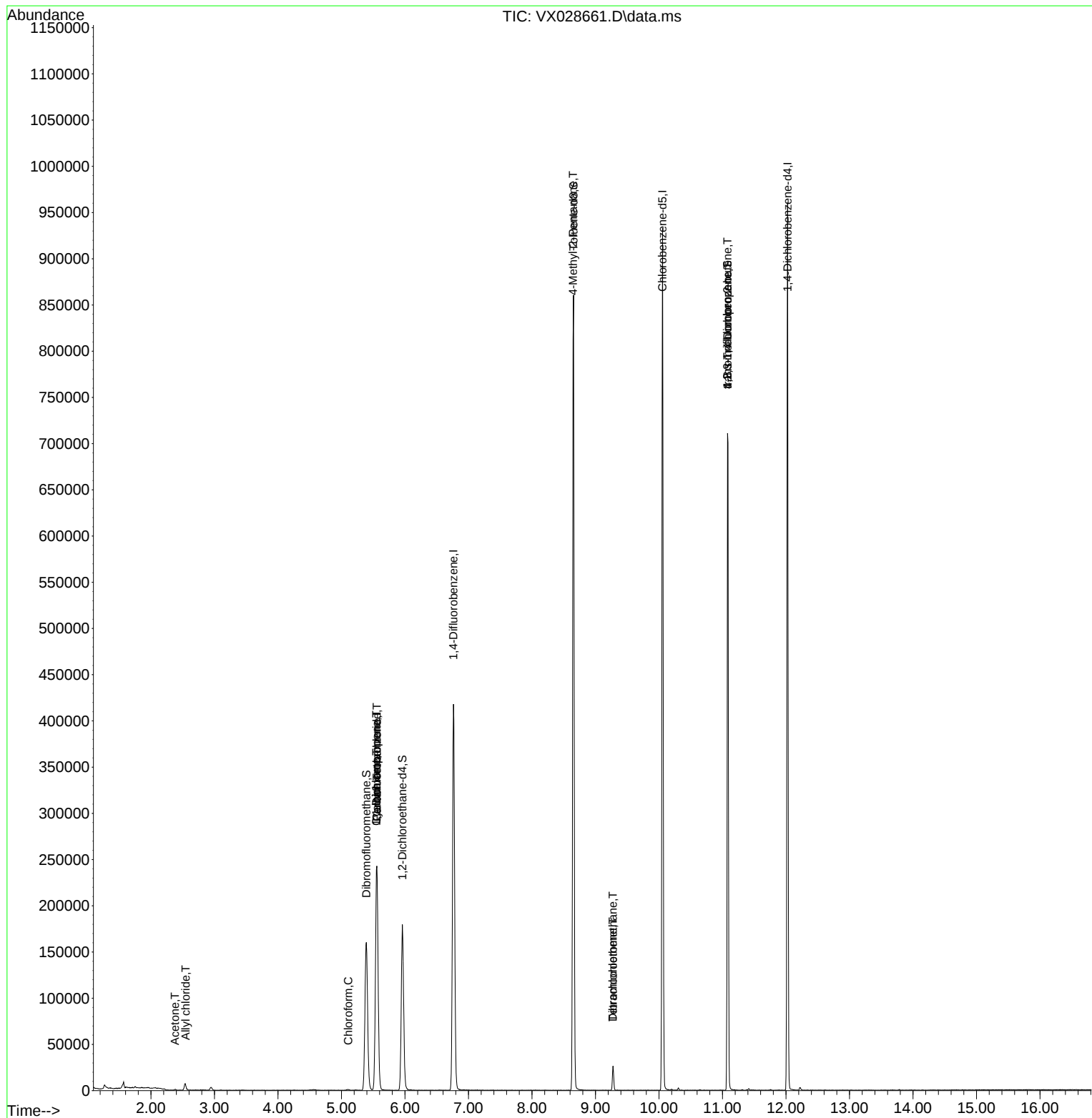
Internal Standards						
1) Pentafluorobenzene	5.556	168	223249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164565	53.775	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.560%	
35) Dibromofluoromethane	5.391	113	139560	51.132	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.260%	
50) Toluene-d8	8.653	98	511475	49.705	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	11.079	95	189344	49.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	496	Below Cal		82
6) Chloroethane	1.666	64	1072	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	2087	Below Cal	#	72
14) Allyl chloride	2.544	41	819	0.221	ug/l #	45
16) Acetone	2.380	43	1008	0.767	ug/l	93
30) Chloroform	5.105	83	1091	0.219	ug/l #	79
31) Cyclohexane	5.550	56	5518	1.299	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	18933	4.618	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24146	5.853	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2507	0.568	ug/l #	1
60) Dibromochloromethane	9.275	129	4206	1.395	ug/l #	9
64) Tetrachloroethene	9.275	164	4476	1.490	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	101451	23.720	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	101451	69.155	ug/l #	15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
Data File : VX028661.D
Acq On : 13 May 2022 00:15
Operator : JC/MD
Sample : N2811-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Quant Time: May 13 02:51:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

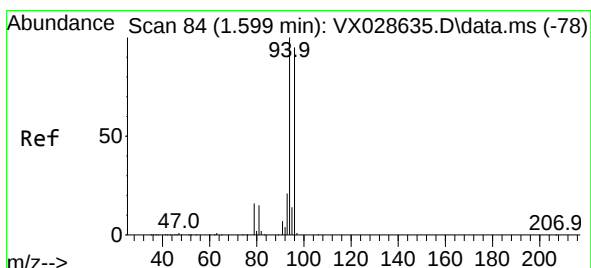
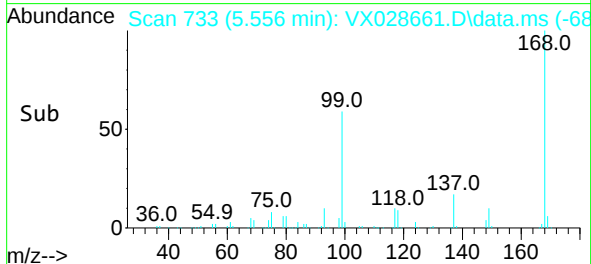
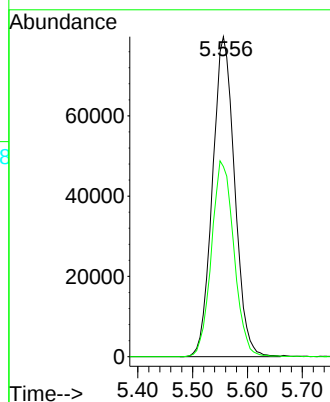
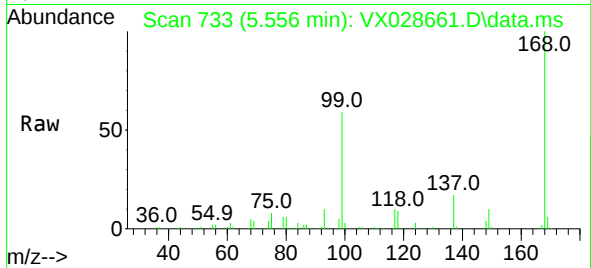




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

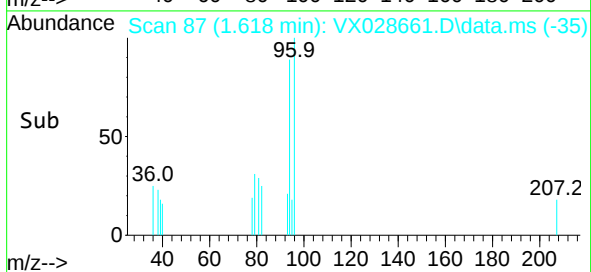
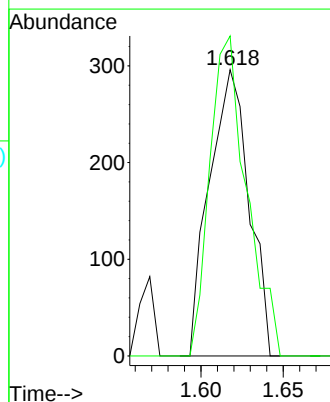
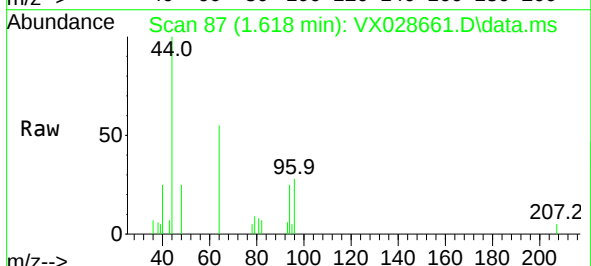
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

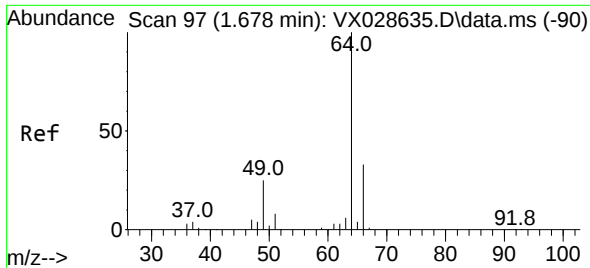
Tgt Ion:168 Resp: 223249
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 111.8 75.3 112.9

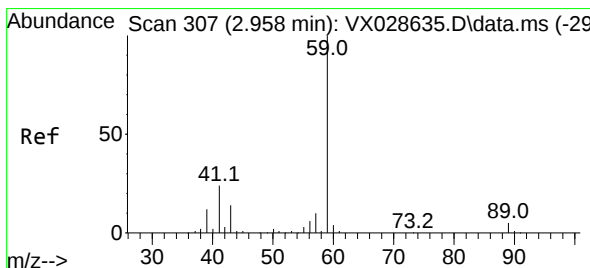
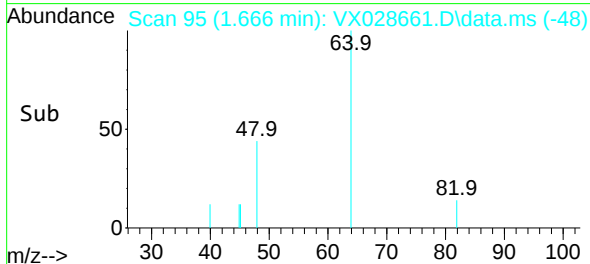
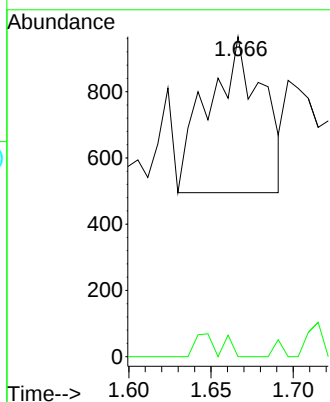
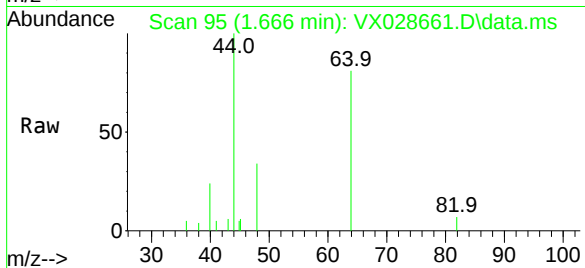




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

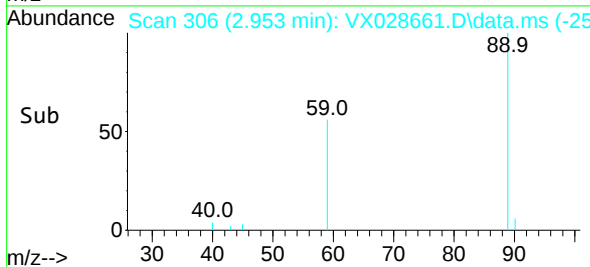
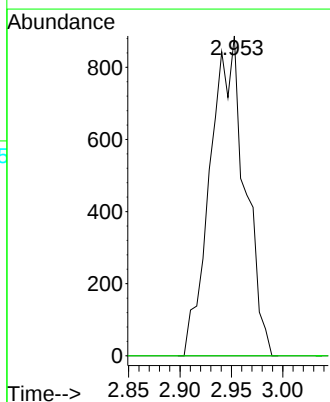
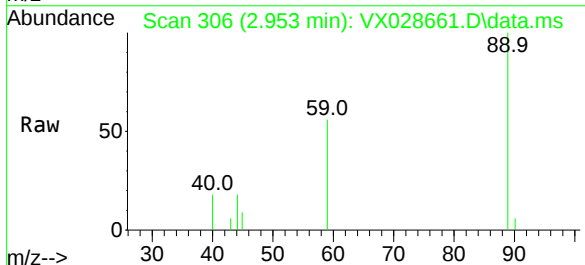
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

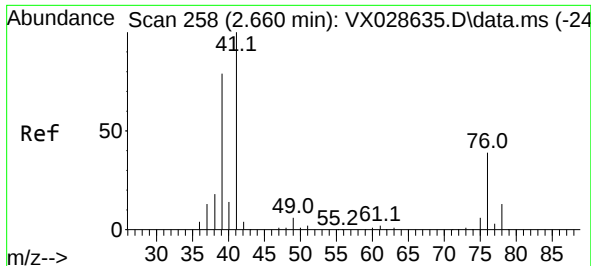
Tgt Ion: 64 Resp: 1072
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Tgt Ion: 59 Resp: 2087
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

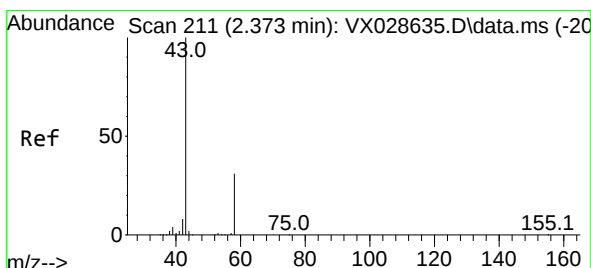
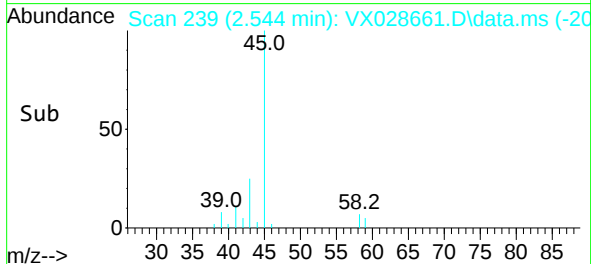
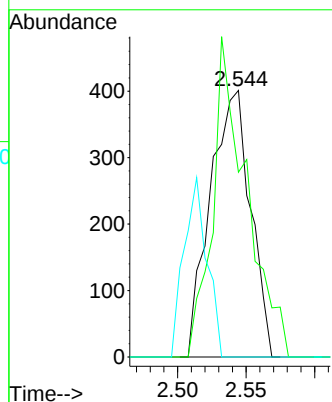
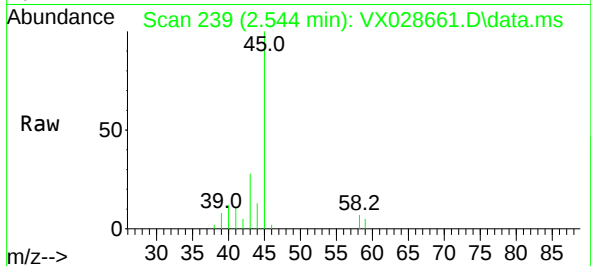




#14
 Allyl chloride
 Concen: 0.221 ug/l
 RT: 2.544 min Scan# 212
 Delta R.T. -0.116 min
 Lab File: VX028661.D
 Acq: 13 May 2022 00:15

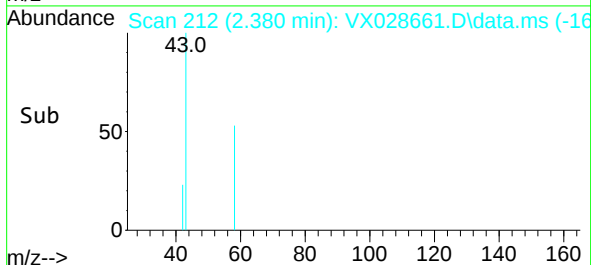
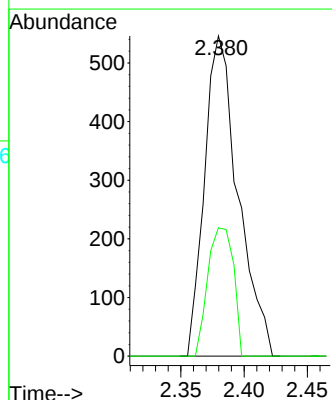
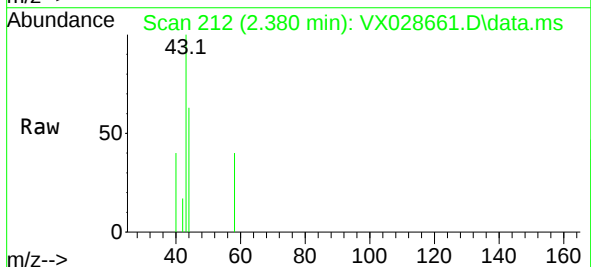
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

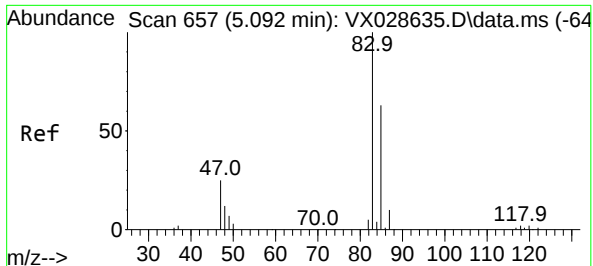
Tgt Ion: 41 Resp: 819
 Ion Ratio Lower Upper
 41 100
 39 100.7 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 0.767 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.007 min
 Lab File: VX028661.D
 Acq: 13 May 2022 00:15

Tgt Ion: 43 Resp: 1008
 Ion Ratio Lower Upper
 43 100
 58 40.1 28.8 43.2





#30

Chloroform

Concen: 0.219 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.013 min

Lab File: VX028661.D

Acq: 13 May 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

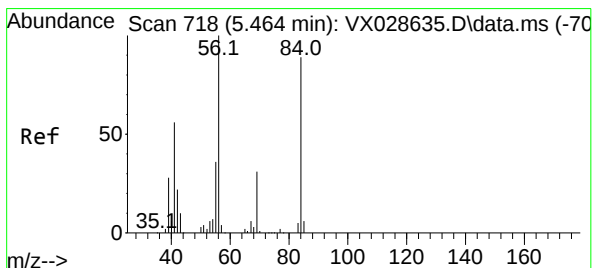
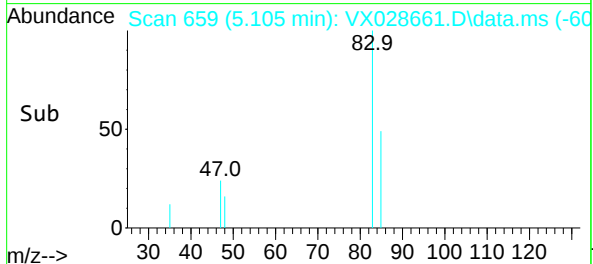
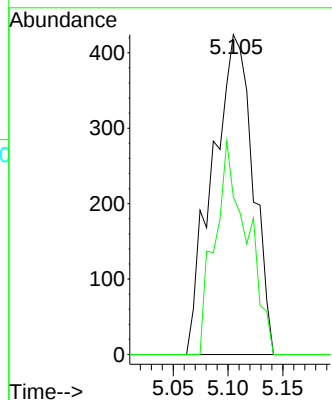
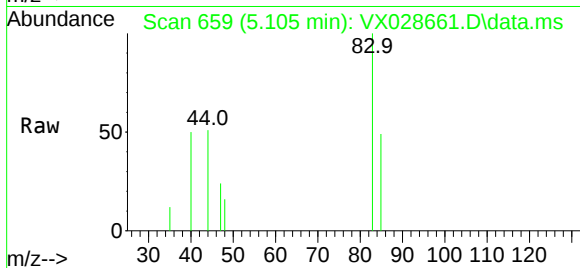
MW-1D

Tgt Ion: 83 Resp: 1091

Ion Ratio Lower Upper

83 100

85 49.3 52.7 79.1#



#31

Cyclohexane

Concen: 1.299 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028661.D

Acq: 13 May 2022 00:15

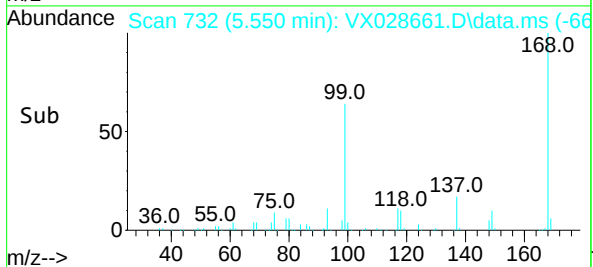
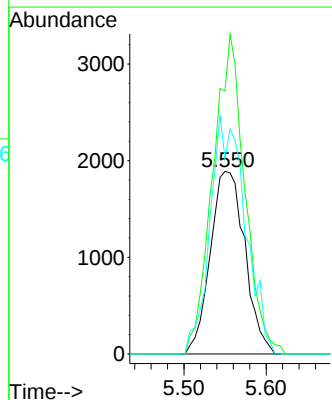
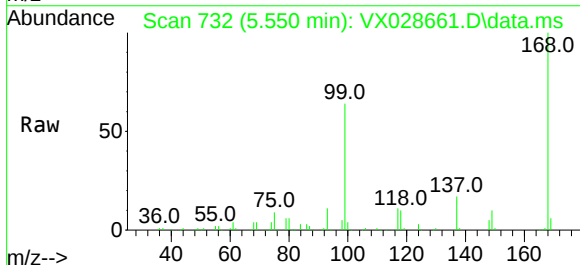
Tgt Ion: 56 Resp: 5518

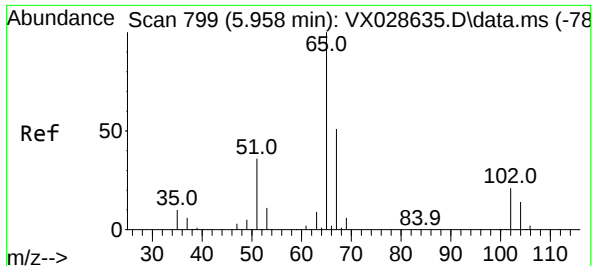
Ion Ratio Lower Upper

56 100

69 144.0 26.7 40.1#

84 107.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 53.775 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028661.D

Acq: 13 May 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

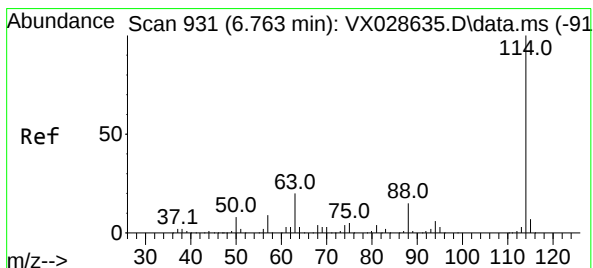
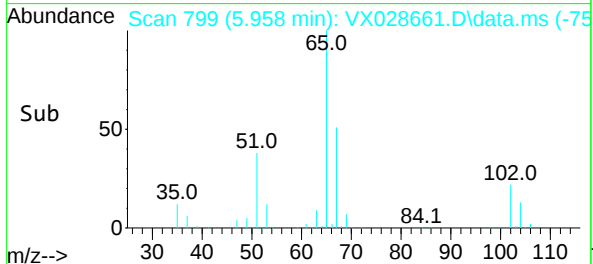
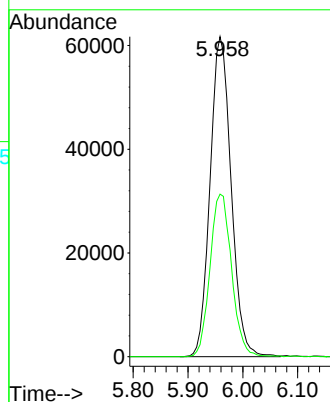
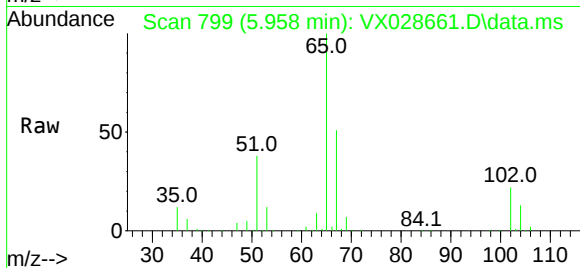
MW-1D

Tgt Ion: 65 Resp: 164565

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028661.D

Acq: 13 May 2022 00:15

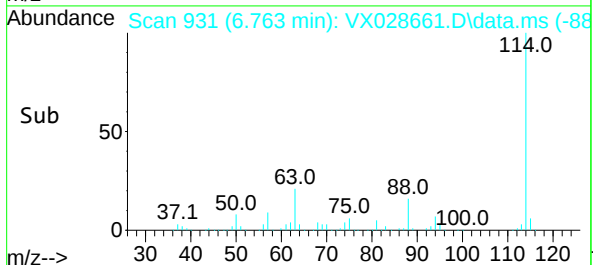
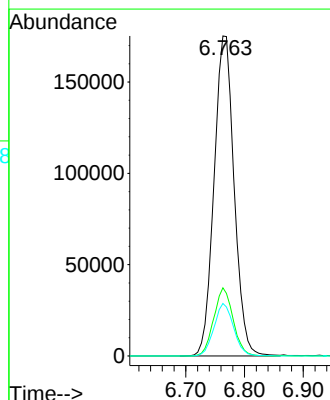
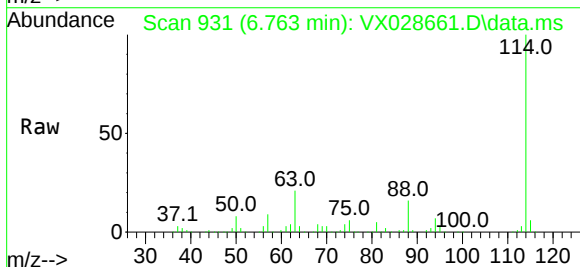
Tgt Ion: 114 Resp: 416583

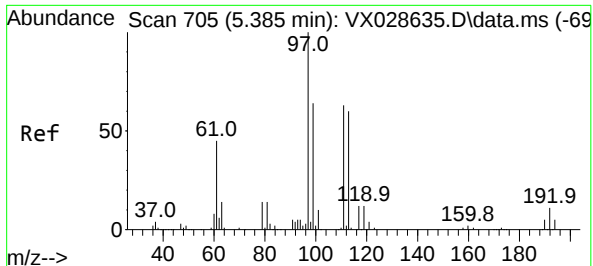
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.132 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028661.D

Acq: 13 May 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1D

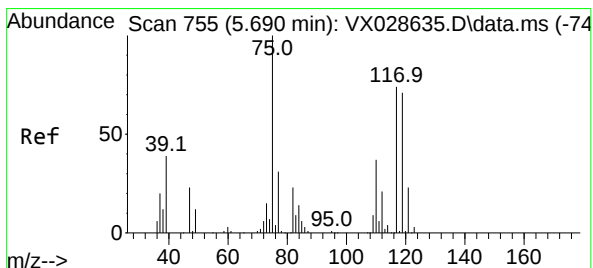
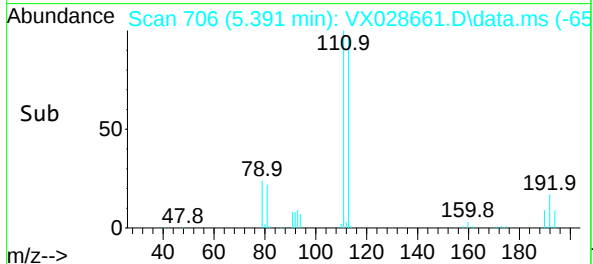
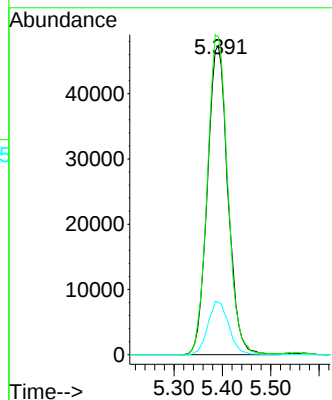
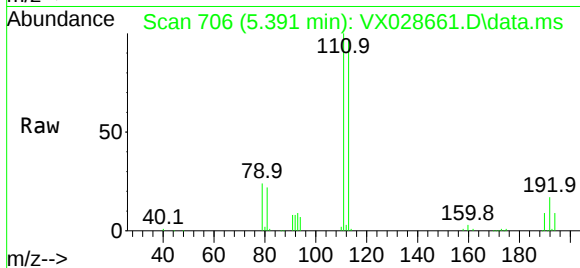
Tgt Ion:113 Resp: 139560

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 17.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.618 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028661.D

Acq: 13 May 2022 00:15

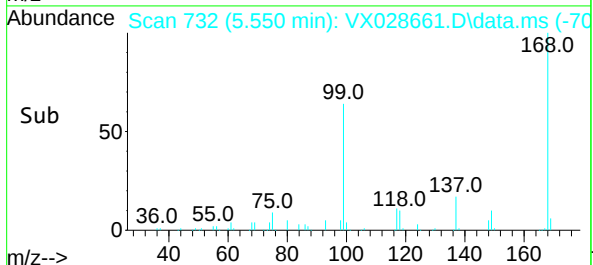
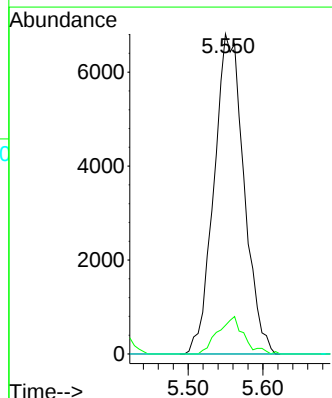
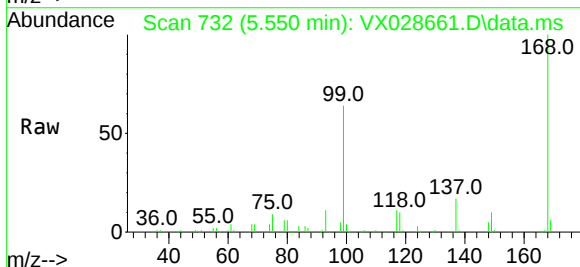
Tgt Ion: 75 Resp: 18933

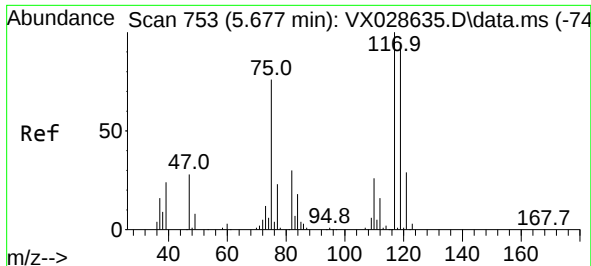
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

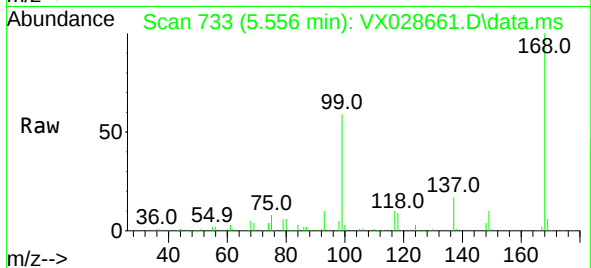
77 0.0 24.8 37.2#



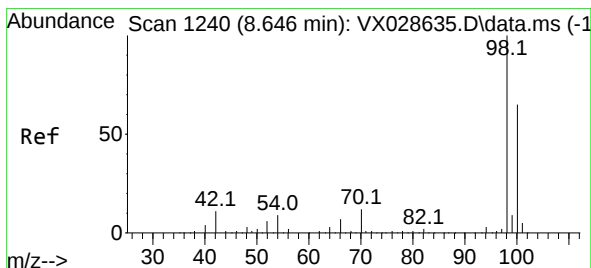
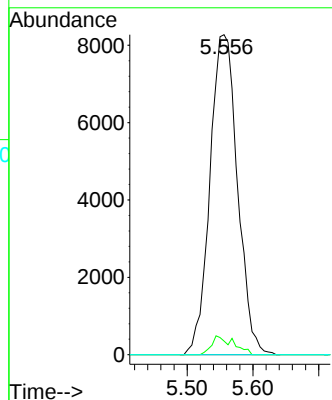
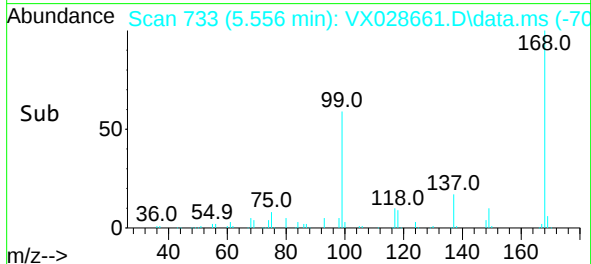


#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

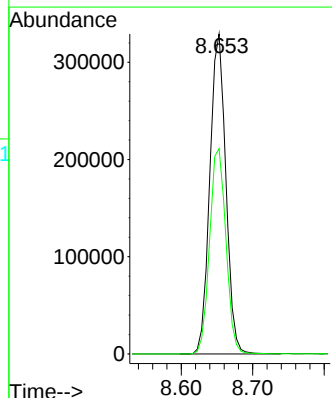
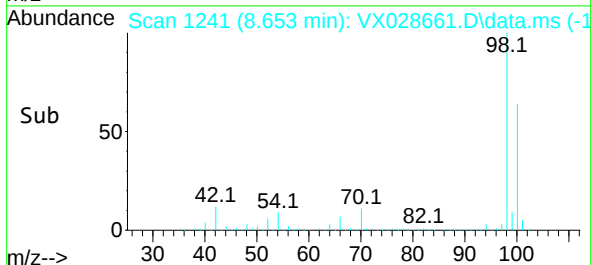
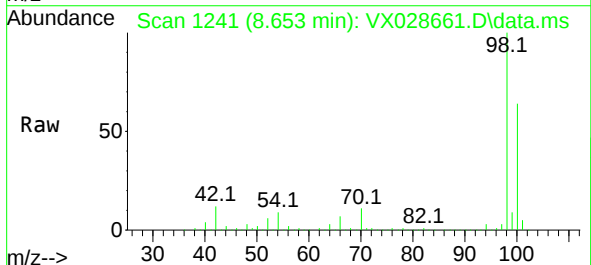


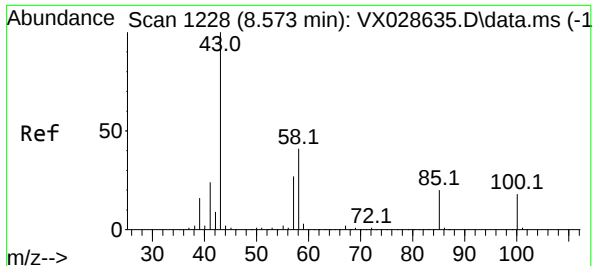
Tgt Ion:117 Resp: 24146
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.705 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Tgt Ion: 98 Resp: 511475
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

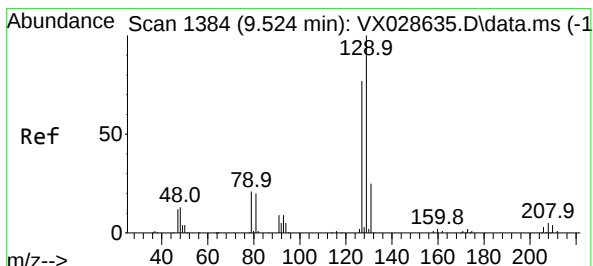
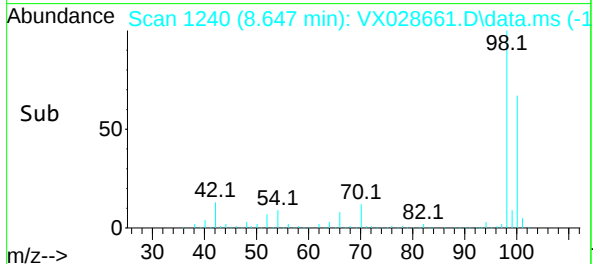
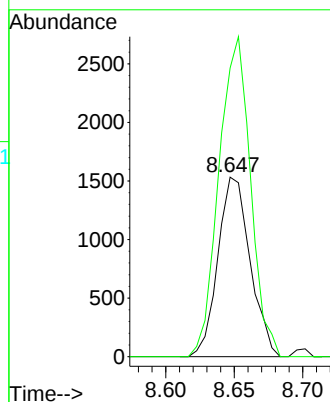
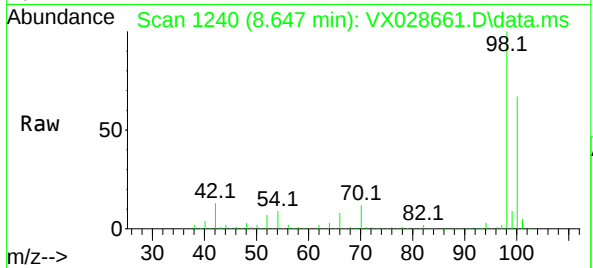




#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

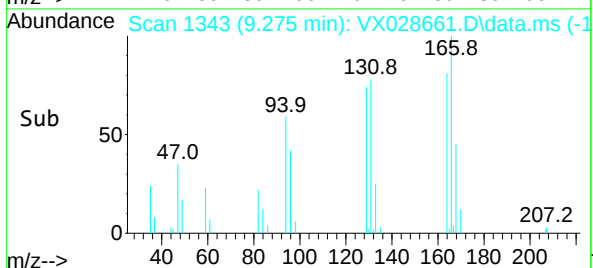
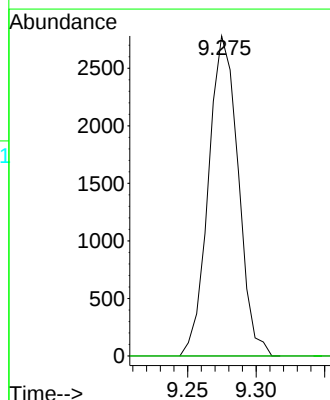
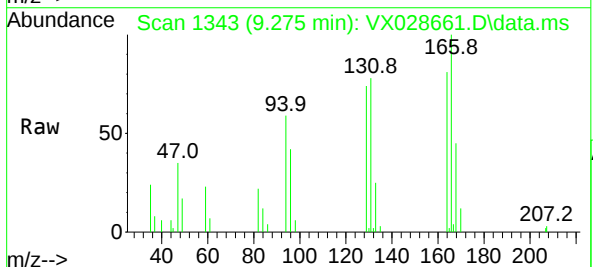
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

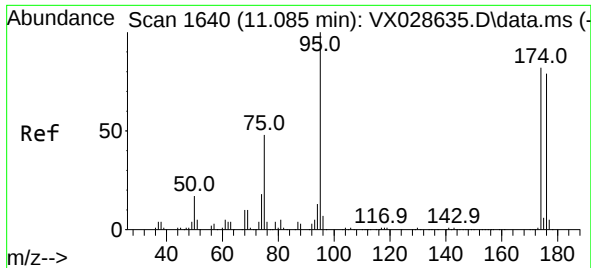
Tgt Ion: 43 Resp: 2507
Ion Ratio Lower Upper
43 100
58 174.9 36.1 54.1#



#60
Dibromochloromethane
Concen: 1.395 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Tgt Ion: 129 Resp: 4206
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

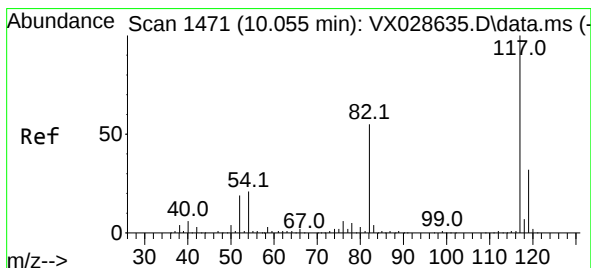
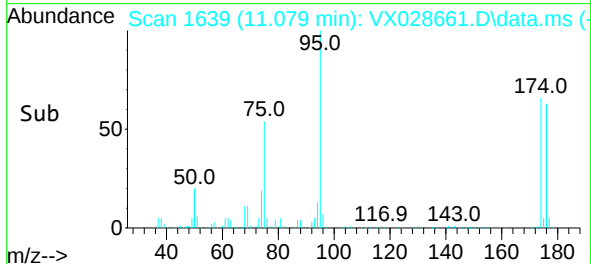
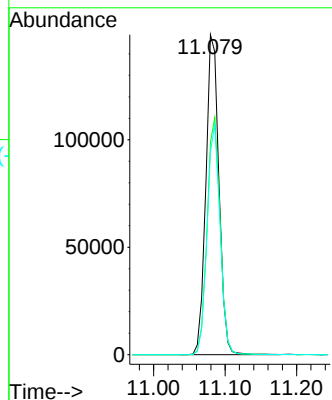
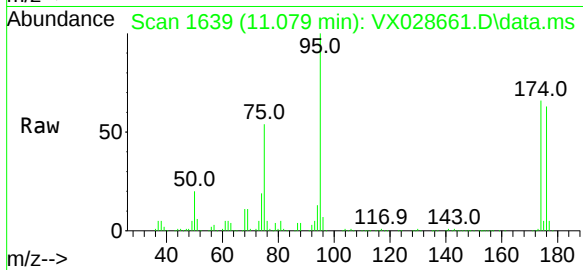




#62
4-Bromofluorobenzene
Concen: 49.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

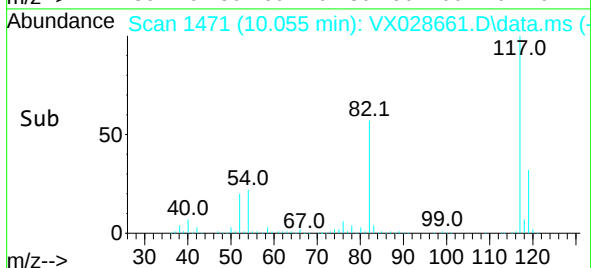
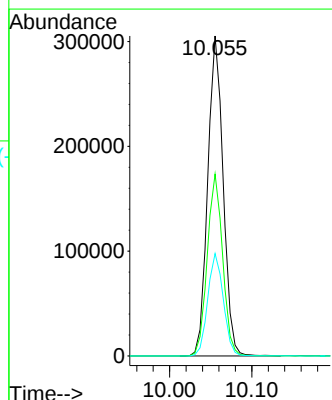
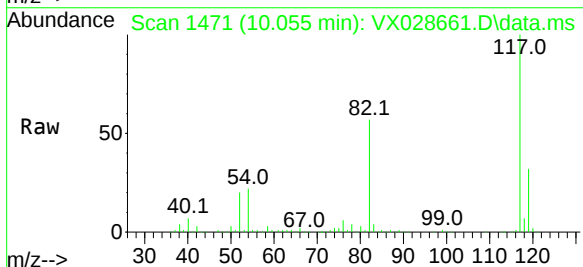
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

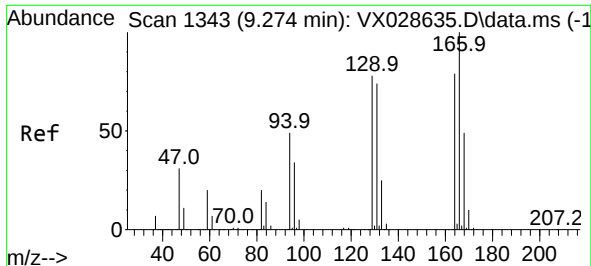
Tgt Ion: 95 Resp: 189344
Ion Ratio Lower Upper
95 100
174 74.1 0.0 163.0
176 71.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Tgt Ion: 117 Resp: 397684
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.0 24.8 37.2



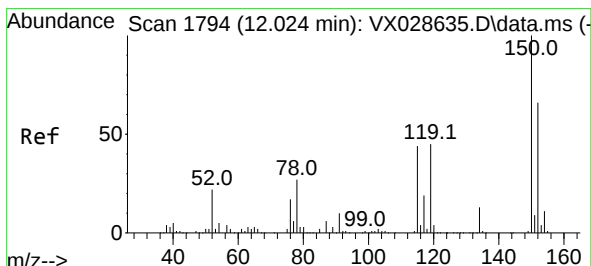
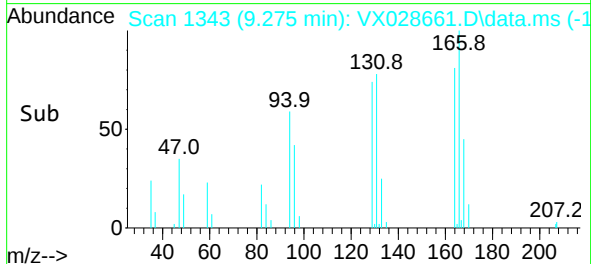
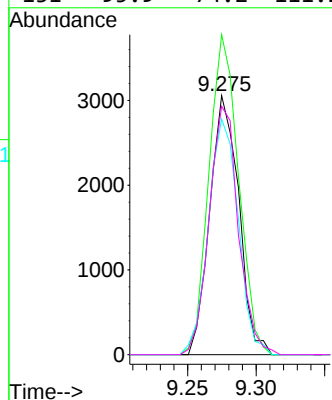
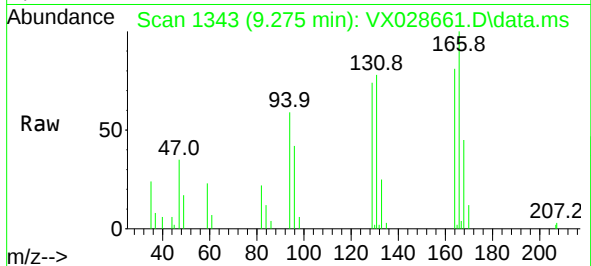


#64
Tetrachloroethene
Concen: 1.490 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:164 Resp: 4476

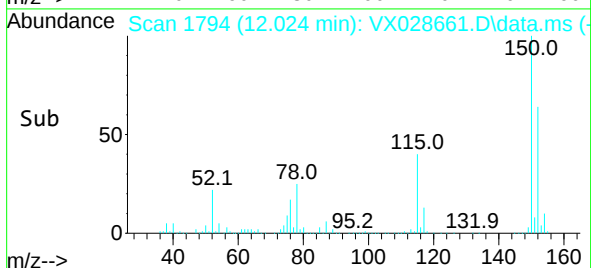
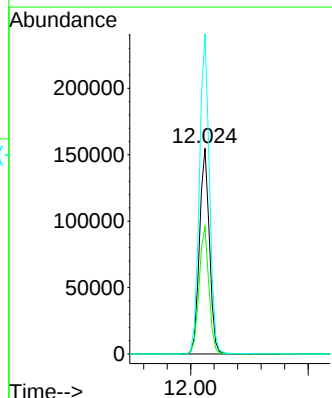
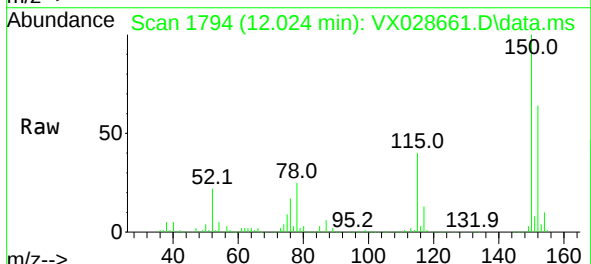
Ion	Ratio	Lower	Upper
164	100		
166	123.6	101.2	151.8
129	91.0	73.0	109.4
131	95.9	74.2	111.2

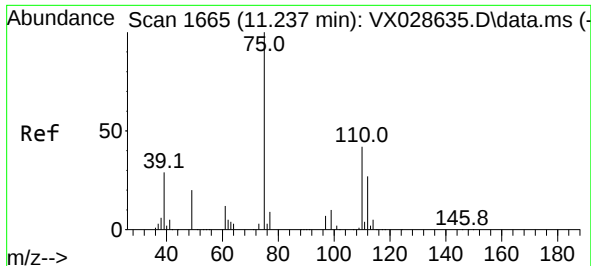


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Tgt Ion:152 Resp: 182630

Ion	Ratio	Lower	Upper
152	100		
115	60.9	37.5	112.7
150	155.6	0.0	338.2

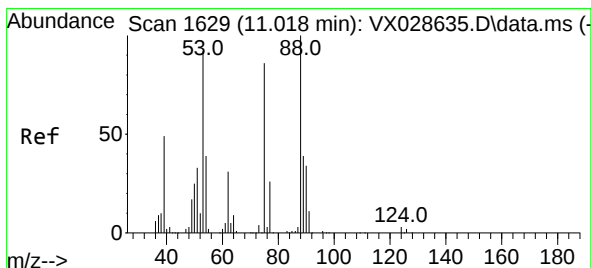
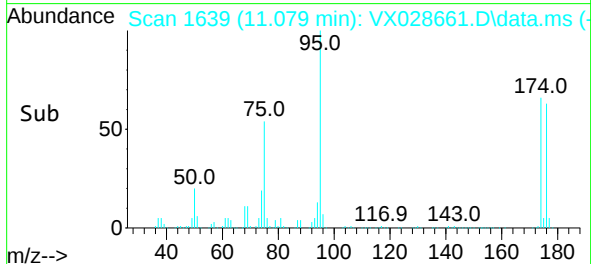
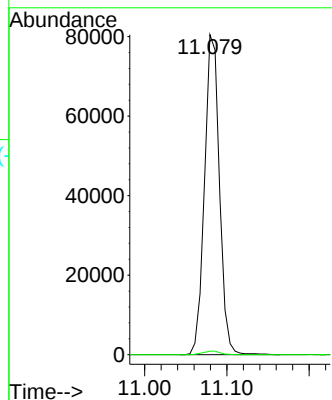
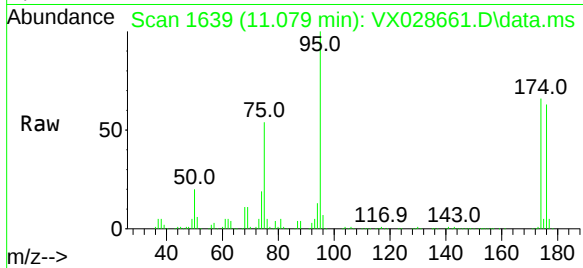




#76
1,2,3-Trichloropropane
Concen: 23.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 75 Resp: 101451
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028661.D
Acq: 13 May 2022 00:15

Tgt Ion: 75 Resp: 101451
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

