

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022704.D
 Acq On : 15 Jun 2021 17:21
 Operator : JC/MD
 Sample : M2712-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 16 05:26:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

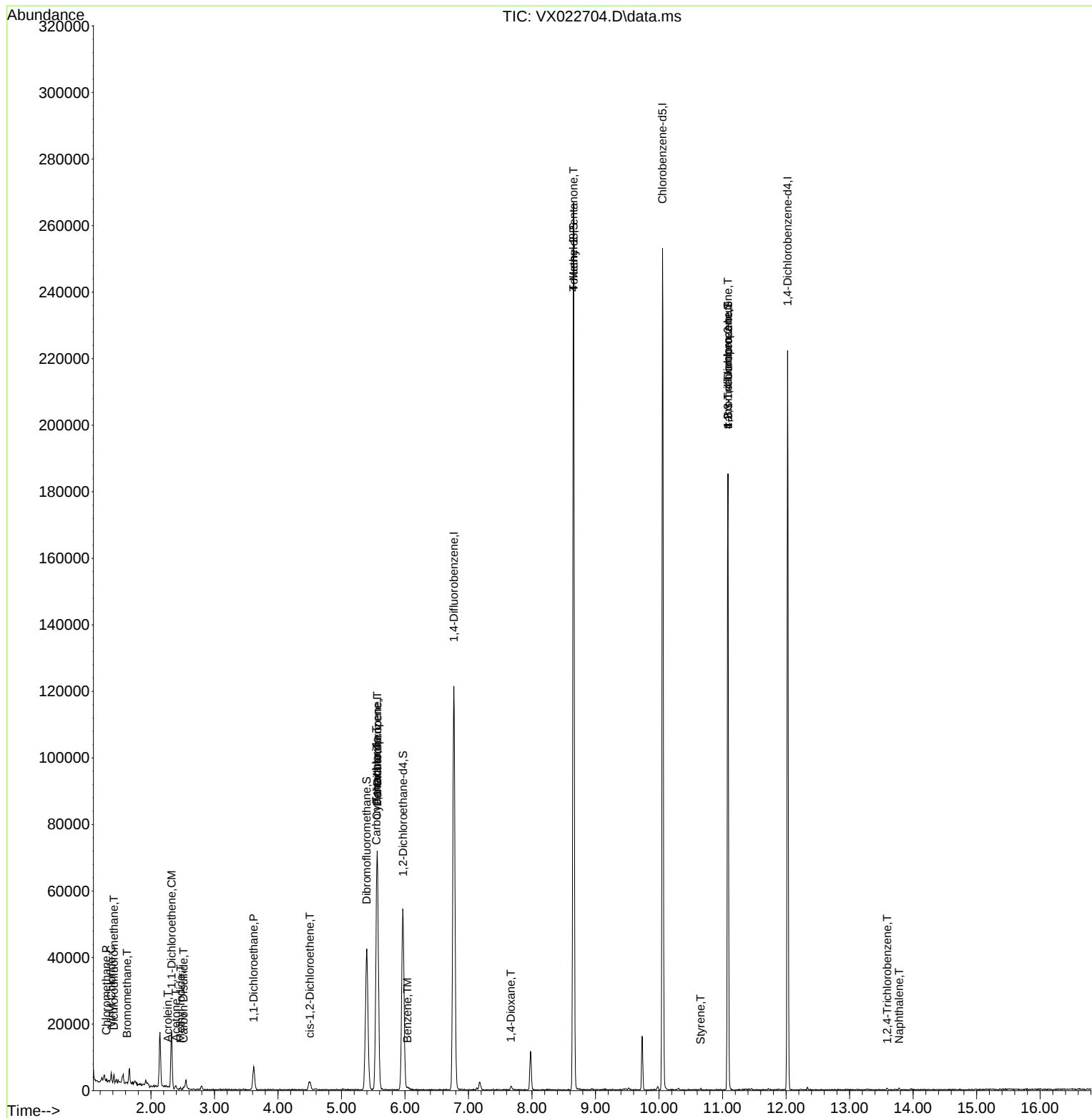
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

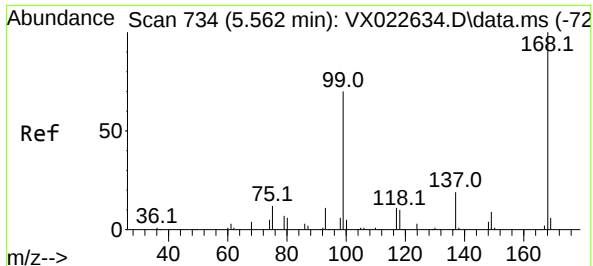
Internal Standards						
1) Pentafluorobenzene	5.562	168	59793	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	49456	45.99	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.98%
35) Dibromofluoromethane	5.397	113	35527	47.16	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.32%
50) Toluene-d8	8.653	98	144130	48.53	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.06%
62) 4-Bromofluorobenzene	11.085	95	50477	44.94	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.88%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.416	85	466	0.66	ug/l	100
3) Chloromethane	1.294	50	250	0.29	ug/l	# 74
4) Vinyl Chloride	1.373	62	1581	1.90	ug/l	92
5) Bromomethane	1.623	94	117	0.26	ug/l	# 2
10) Methyl Iodide	2.465	142	383	0.47	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	5381	7.41	ug/l	91
13) Acrolein	2.264	56	25	0.24	ug/l	# 1
16) Acetone	2.392	43	1155	2.40	ug/l	93
17) Carbon Disulfide	2.514					

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Instrument :
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ClientSampleId :
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Response via : Initial Calibration

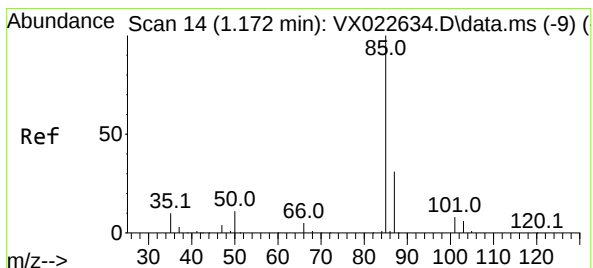
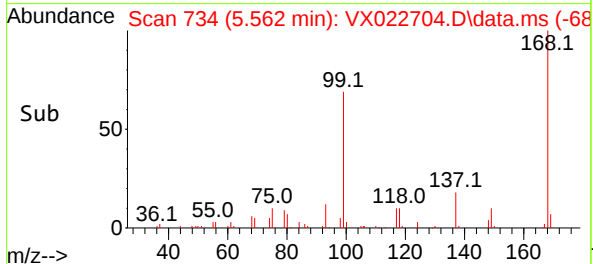
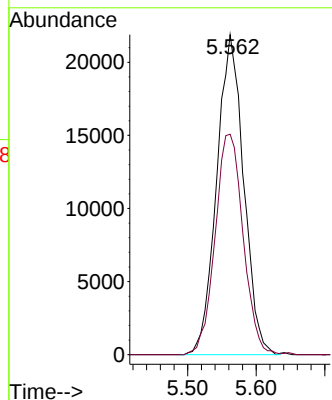
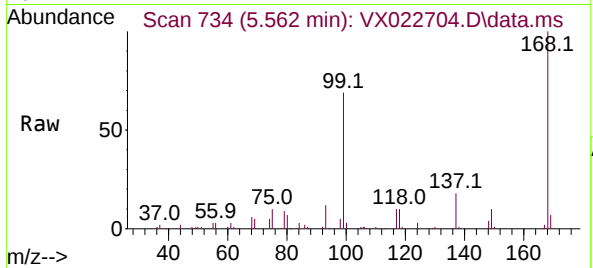




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

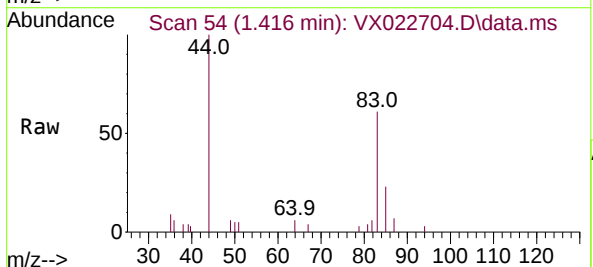
Instrument :
MSVOA_X
ClientSampled :
MW-3

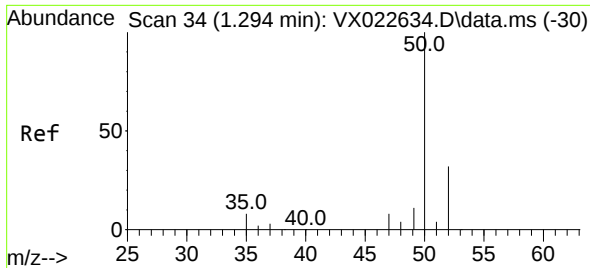
Tgt Ion:168 Resp: 59793
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.66 ug/l
RT: 1.416 min Scan# 54
Delta R.T. 0.250 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 85 Resp: 466
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.2

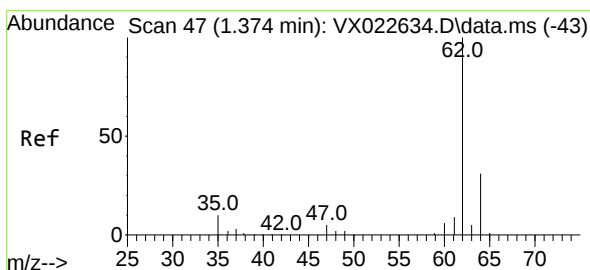
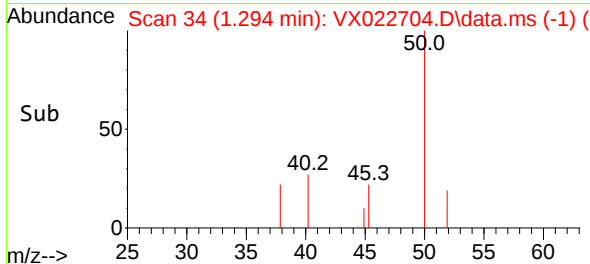
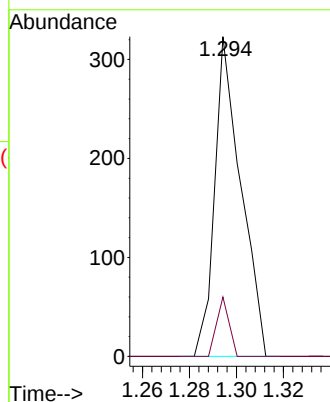
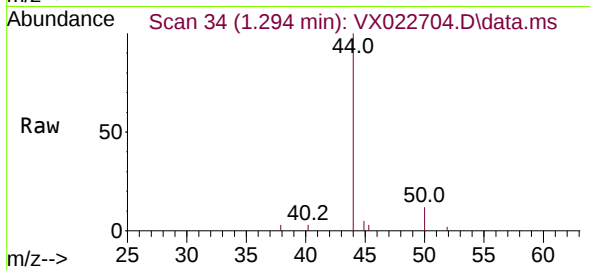




#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

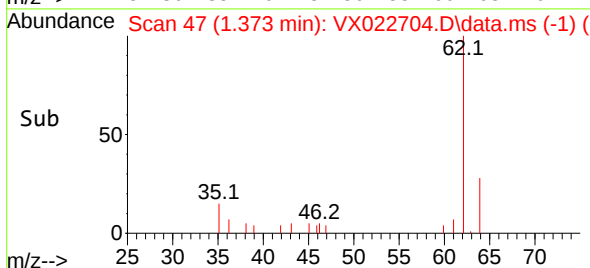
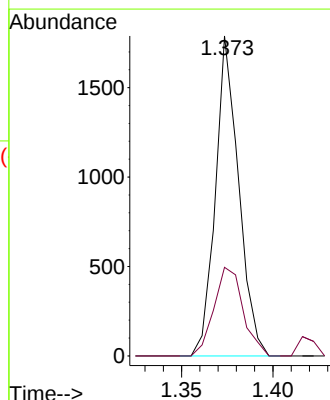
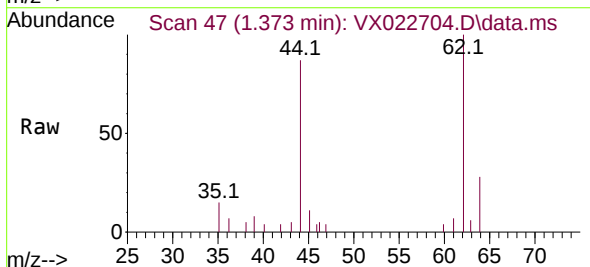
Instrument :
MSVOA_X
ClientSampled :
MW-3

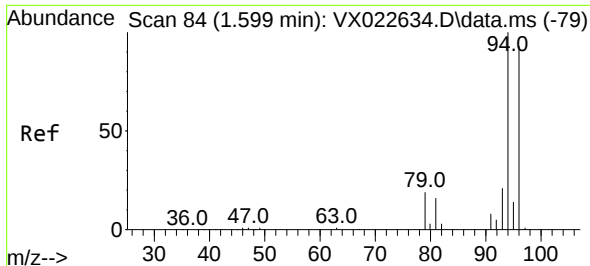
Tgt Ion: 50 Resp: 250
Ion Ratio Lower Upper
50 100
52 18.6 26.4 39.6#



#4
Vinyl Chloride
Concen: 1.90 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 62 Resp: 1581
Ion Ratio Lower Upper
62 100
64 27.7 25.7 38.5

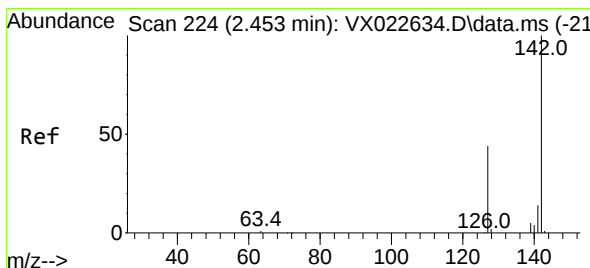
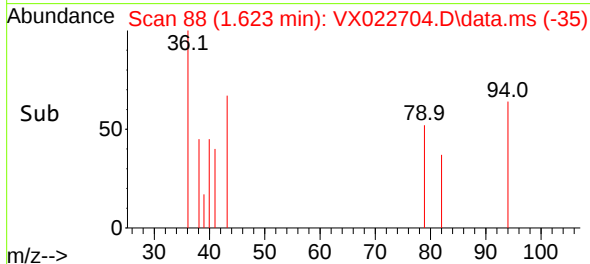
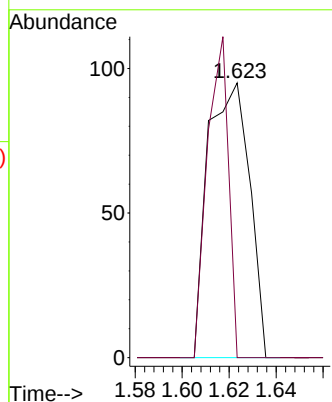
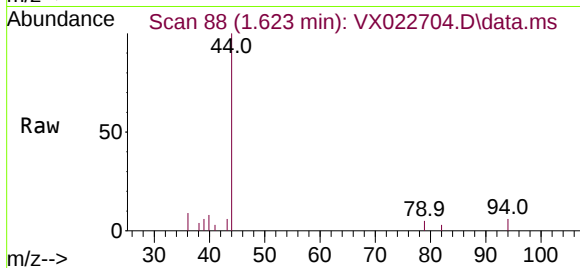




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

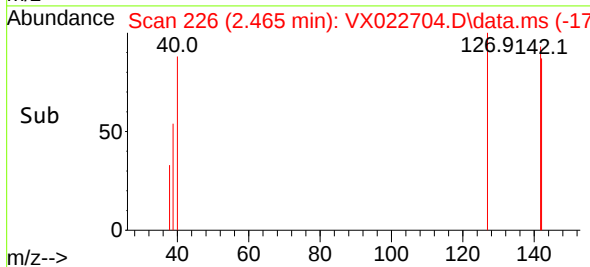
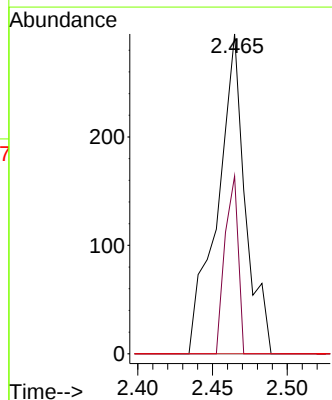
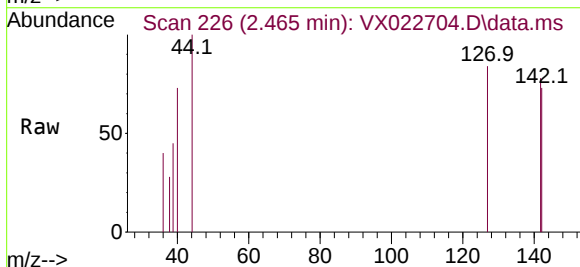
Instrument :
MSVOA_X
ClientSampled :
MW-3

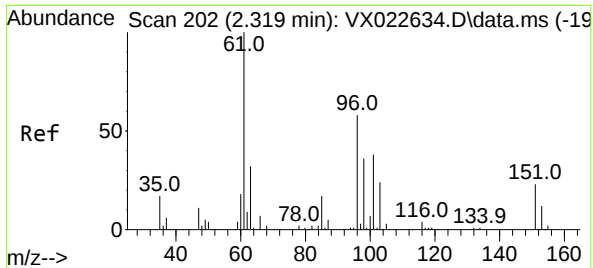
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.47 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 142 Resp: 383
Ion Ratio Lower Upper
142 100
127 26.4 33.3 49.9#
141 0.0 11.4 17.0#

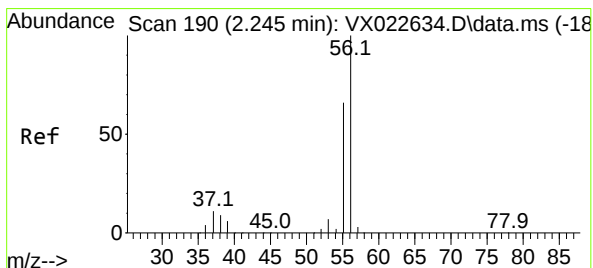
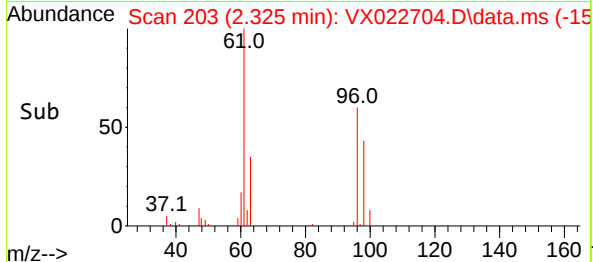
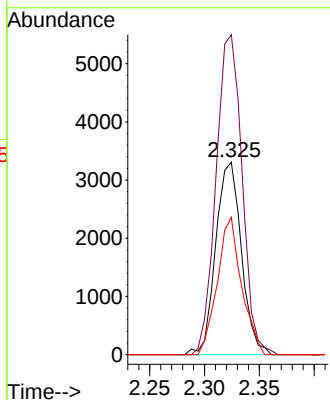
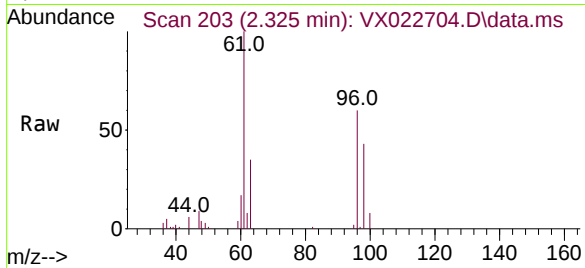




#12
1,1-Dichloroethene
Concen: 7.41 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

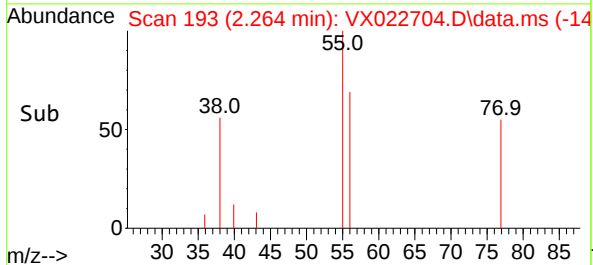
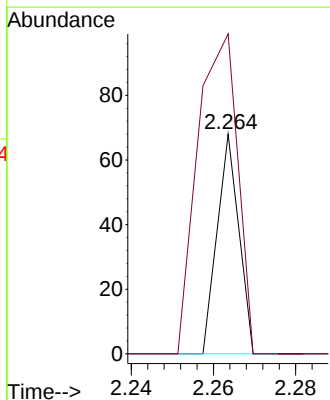
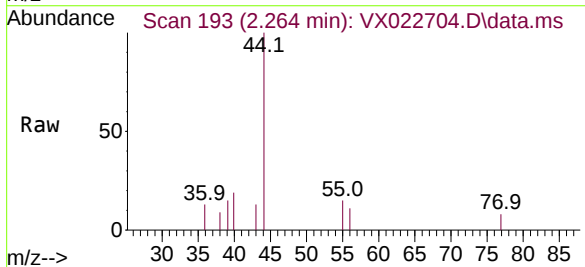
Instrument :
MSVOA_X
ClientSampled :
MW-3

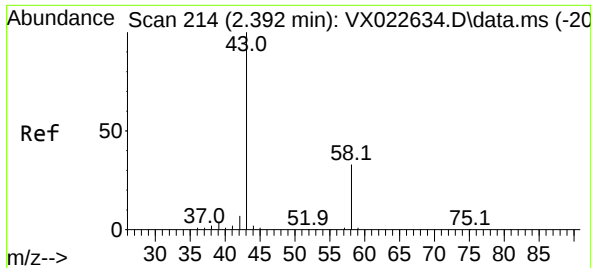
Tgt Ion: 96 Resp: 5381
Ion Ratio Lower Upper
96 100
61 166.3 124.6 187.0
98 71.4 50.6 76.0



#13
Acrolein
Concen: 0.24 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 268.0 56.4 84.6#

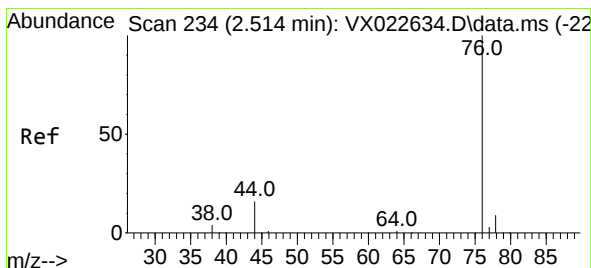
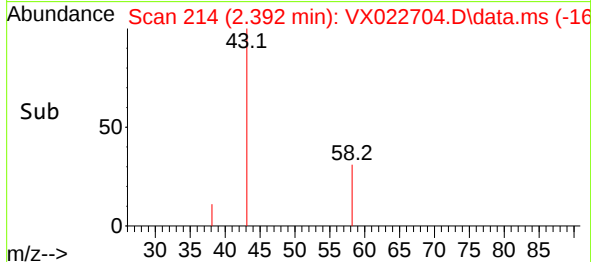
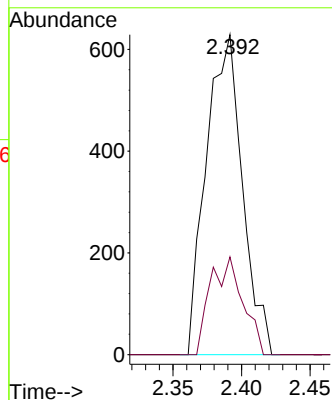
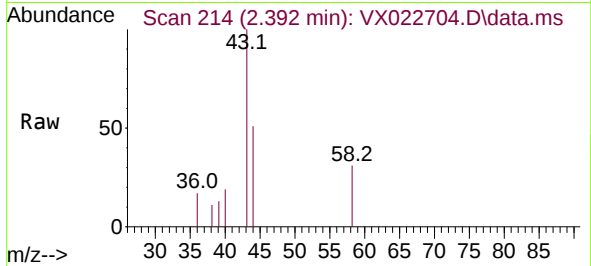




#16
Acetone
Concen: 2.40 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

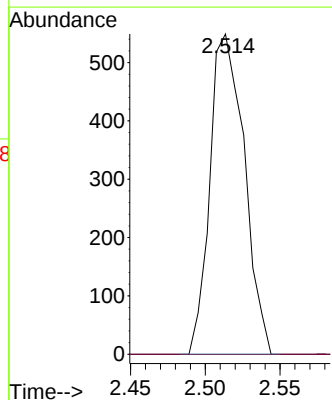
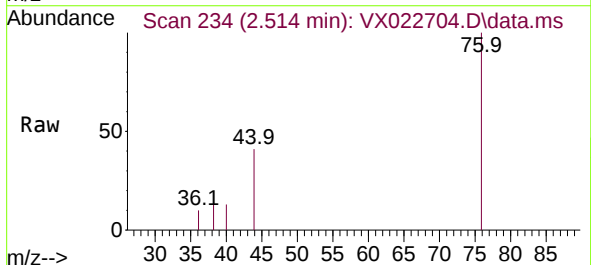
Instrument :
MSVOA_X
ClientSampleId :
MW-3

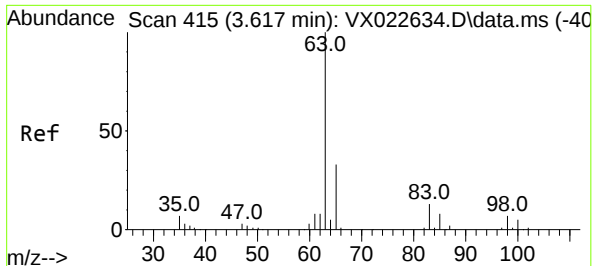
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.54 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 76 Resp: 877
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

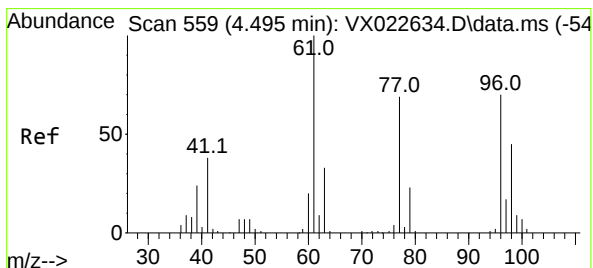
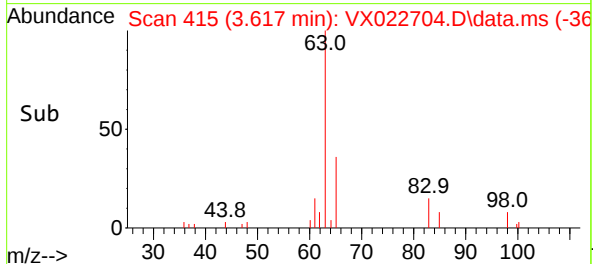
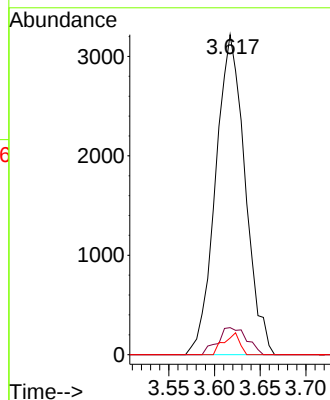
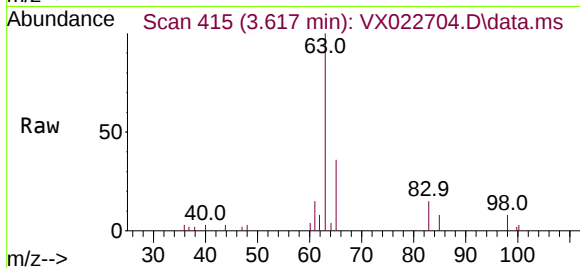




#24
1,1-Dichloroethane
Concen: 4.48 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

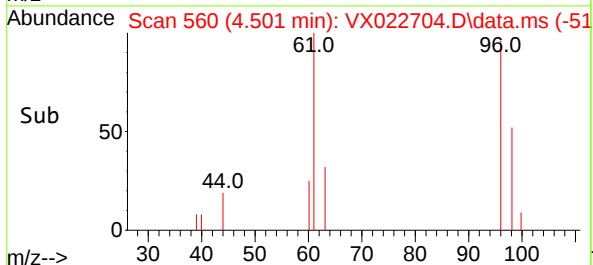
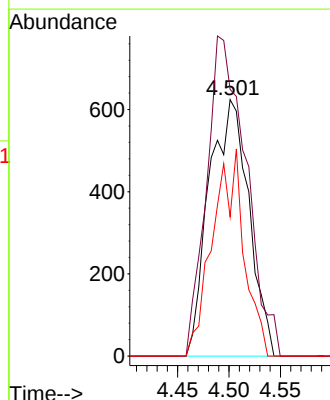
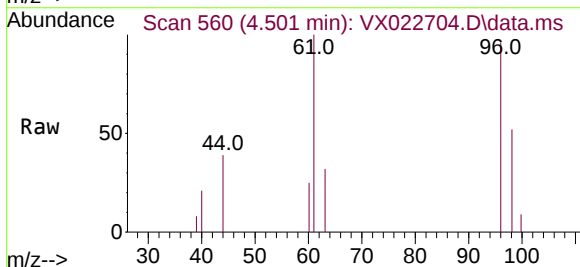
Instrument :
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ClientSampled :
MW-3

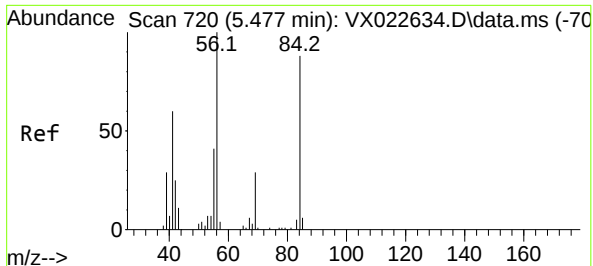
Tgt Ion: 63	Resp:	7214
Ion Ratio	Lower	Upper
63	100	
98	8.4	3.8 11.2
100	5.2	2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 1.71 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 96	Resp:	1679
Ion Ratio	Lower	Upper
96	100	
61	123.8	0.0 285.6
98	63.4	0.0 129.6

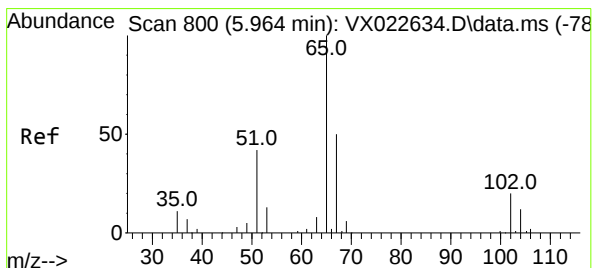
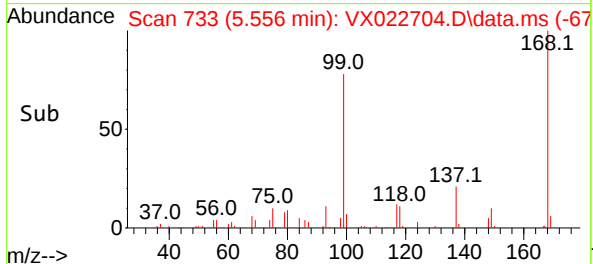
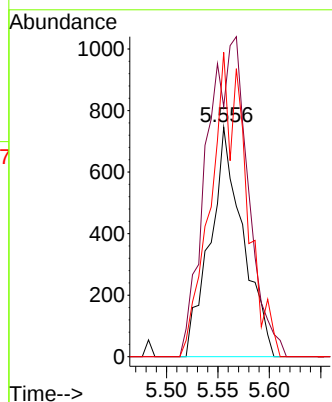
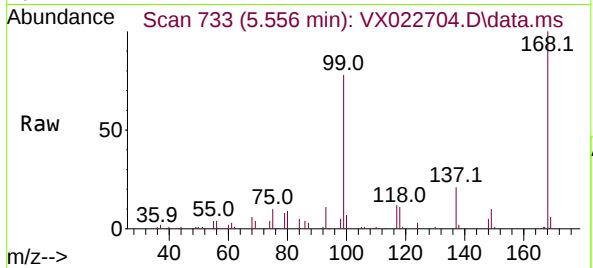




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

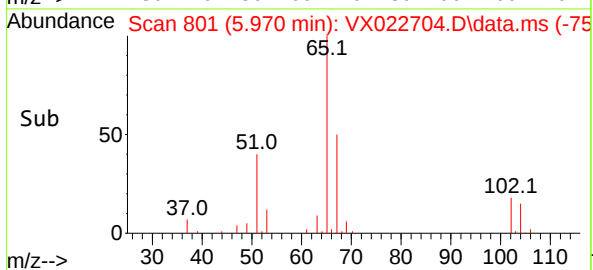
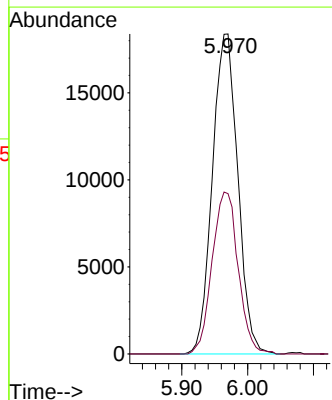
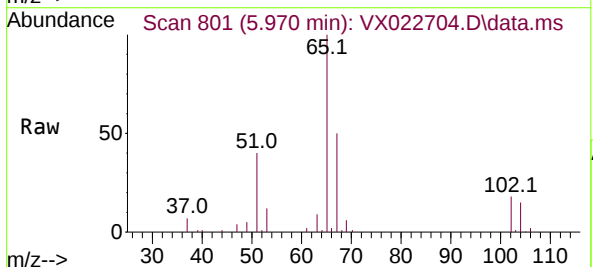
Instrument :
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MW-3

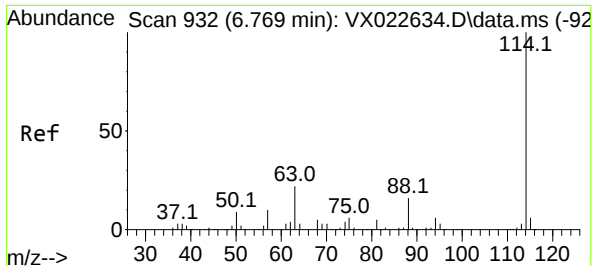
Tgt Ion: 56 Resp: 1654
Ion Ratio Lower Upper
56 100
69 109.0 25.3 37.9#
84 132.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 45.99 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 65 Resp: 49456
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

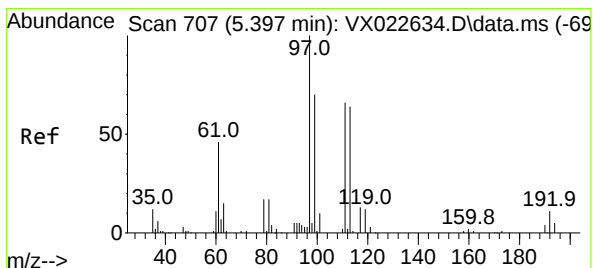
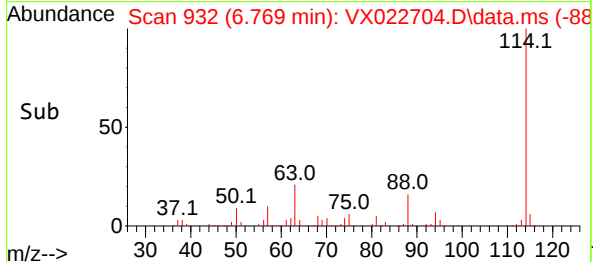
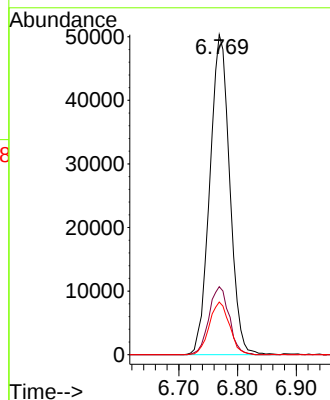
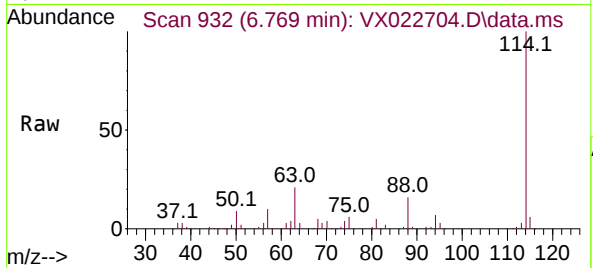




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

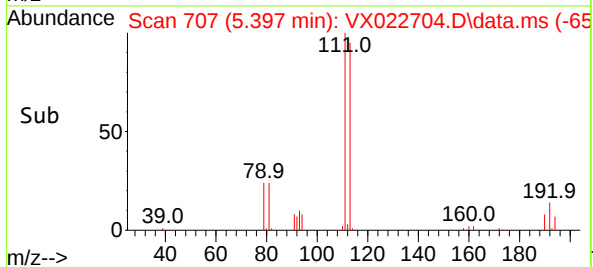
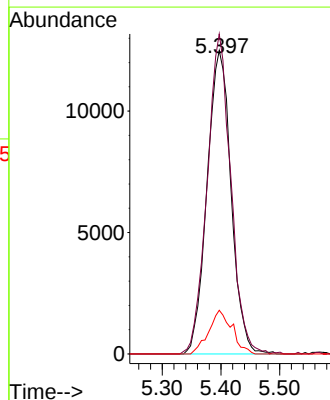
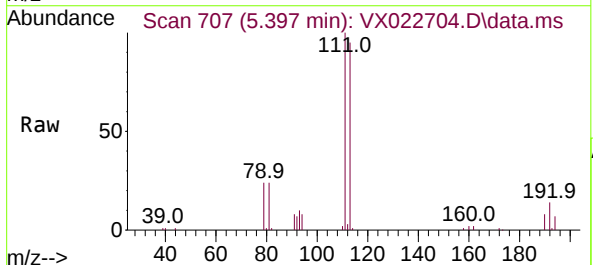
Instrument :
MSVOA_X
ClientSampled :
MW-3

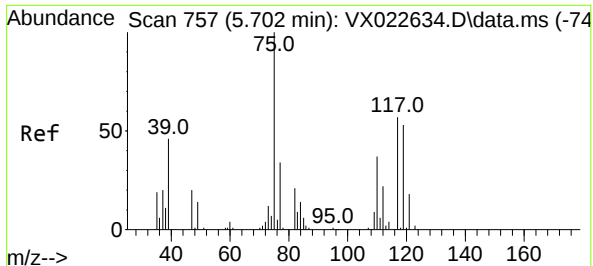
Tgt Ion:	114	Resp:	118071
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	40.8
88	16.5	0.0	32.8



#35
Dibromofluoromethane
Concen: 47.16 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion:	113	Resp:	35527
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.9	122.9
192	14.0	16.7	25.1#





#36

1,1-Dichloropropene

Concen: 5.04 ug/l

RT: 5.562 min Scan# 734

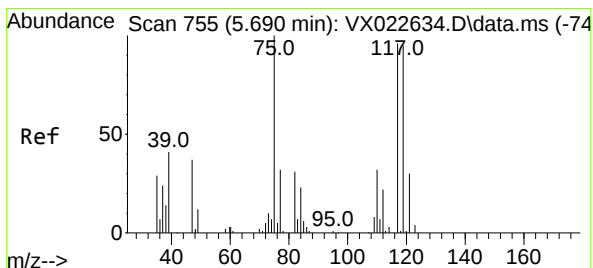
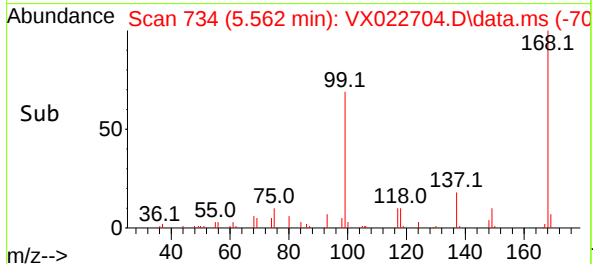
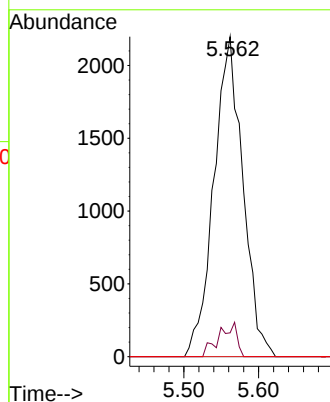
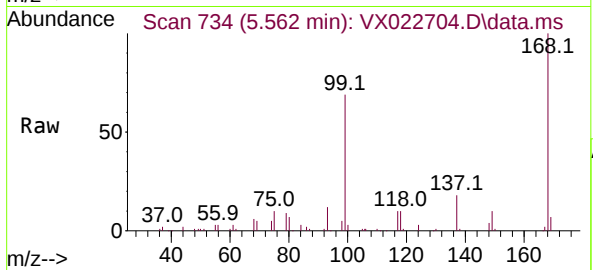
Delta R.T. -0.140 min

Lab File: VX022704.D

Acq: 15 Jun 2021 17:21

Tgt Ion:	75	Resp:	5932
Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :
MW-3



#38

Carbon Tetrachloride

Concen: 6.72 ug/l

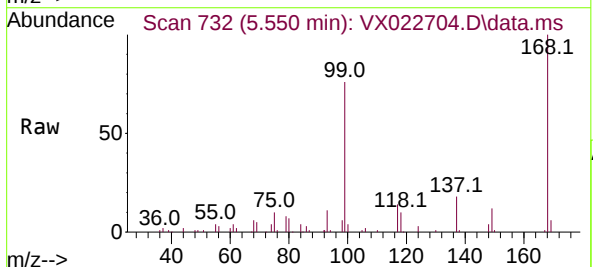
RT: 5.550 min Scan# 732

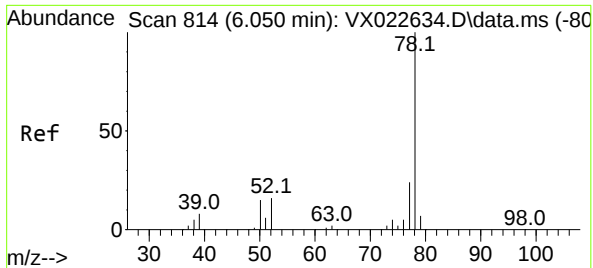
Delta R.T. -0.128 min

Lab File: VX022704.D

Acq: 15 Jun 2021 17:21

Tgt Ion:	117	Resp:	6759
Ion	Ratio	Lower	Upper
117	100		
119	2.8	76.2	114.2#
121	0.0	24.8	37.2#

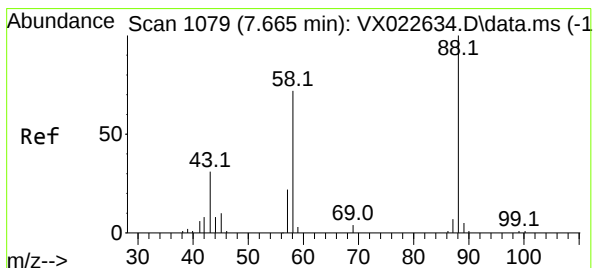
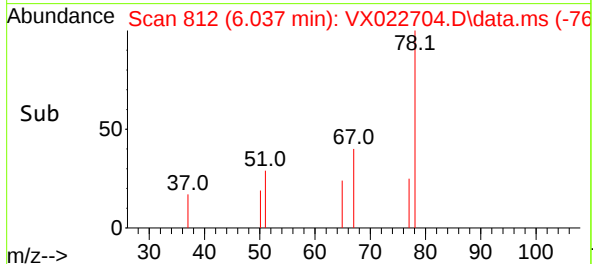
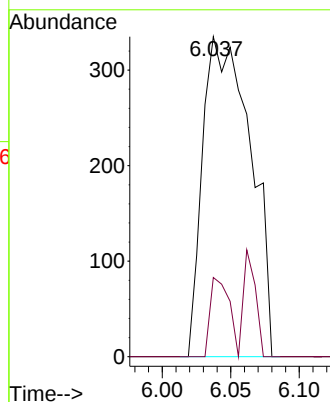
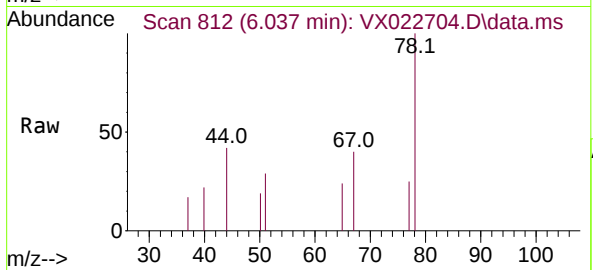




#40
Benzene
Concen: 0.23 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.013 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

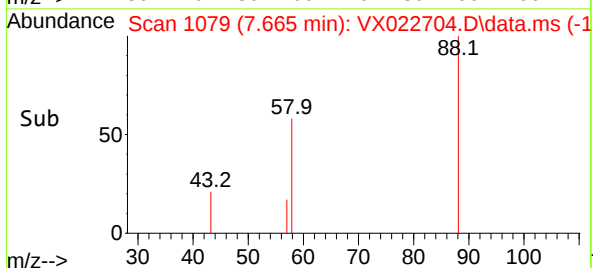
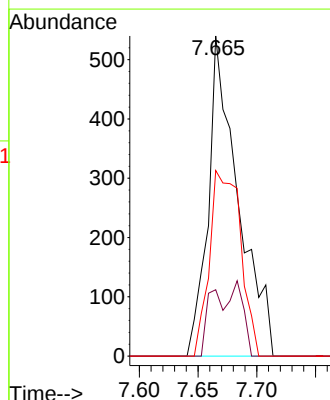
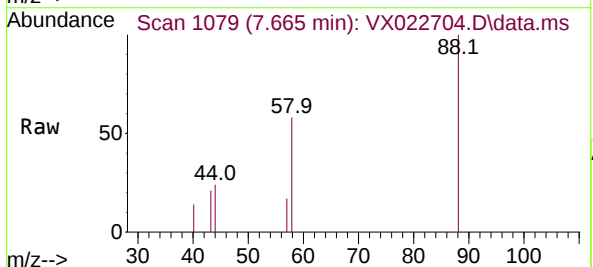
Instrument :
MSVOA_X
ClientSampled :
MW-3

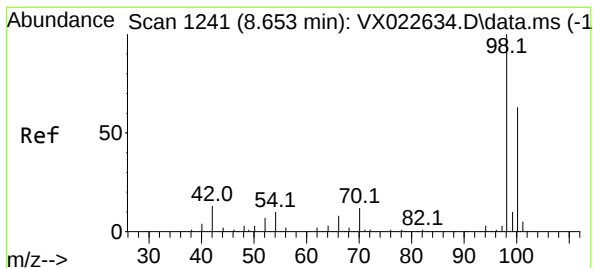
Tgt Ion: 78 Resp: 812
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3



#49
1,4-Dioxane
Concen: 44.26 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 88 Resp: 955
Ion Ratio Lower Upper
88 100
43 11.3 23.2 34.8#
58 60.0 55.0 82.4





#50

Toluene-d8

Concen: 48.53 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022704.D

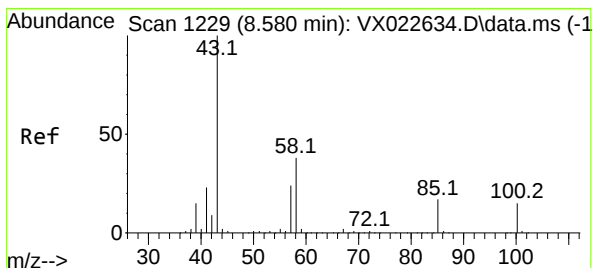
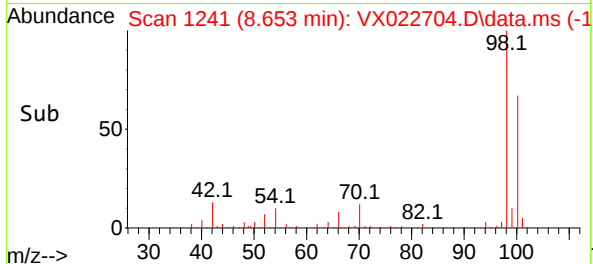
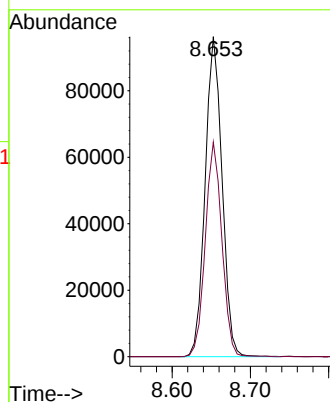
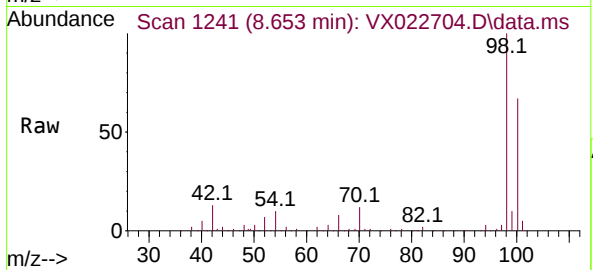
Acq: 15 Jun 2021 17:21

Tgt Ion: 98 Resp: 144130

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.58 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX022704.D

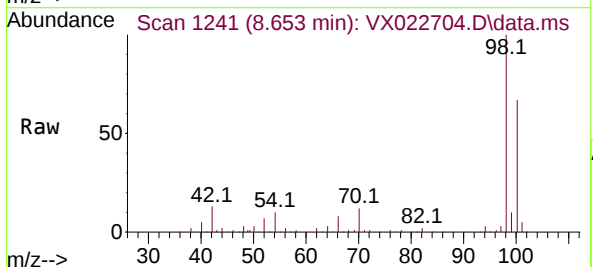
Acq: 15 Jun 2021 17:21

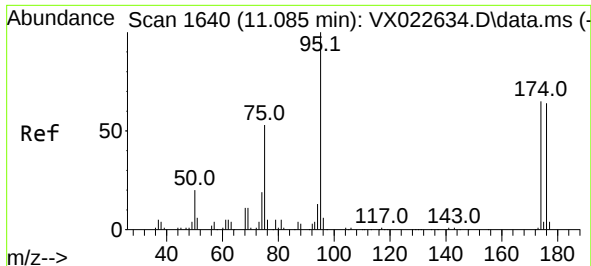
Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

58 171.9 35.4 53.0#

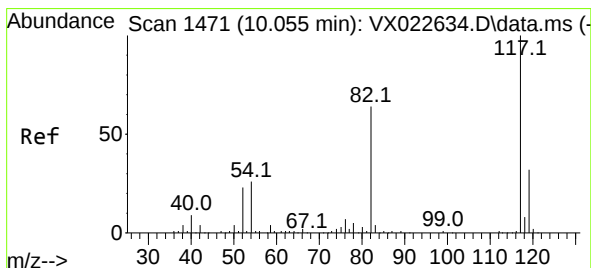
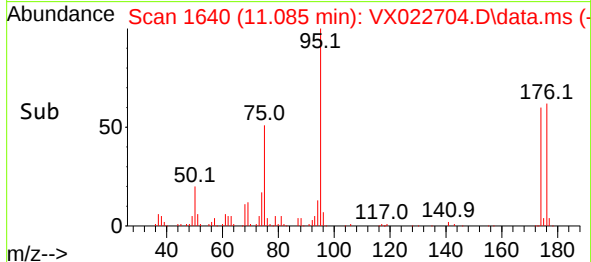
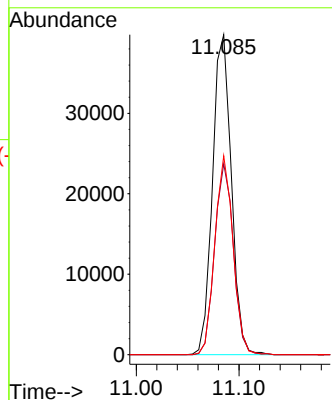
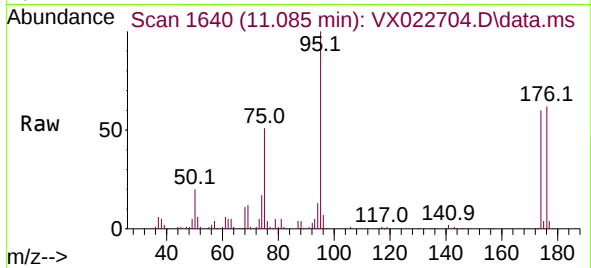




#62
4-Bromofluorobenzene
Concen: 44.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

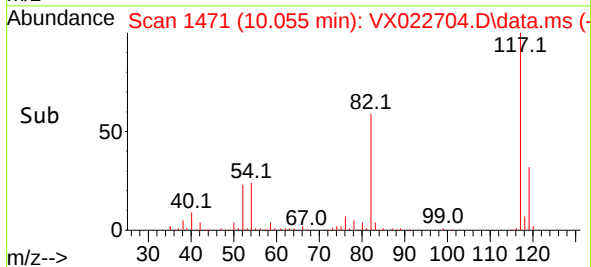
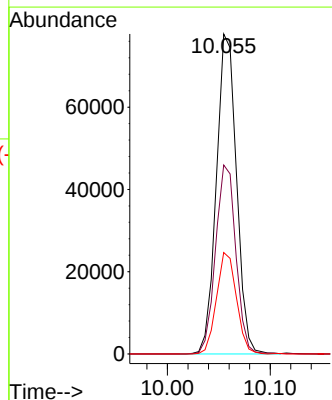
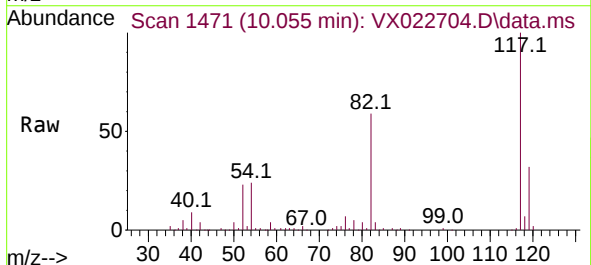
Instrument :
MSVOA_X
ClientSampled :
MW-3

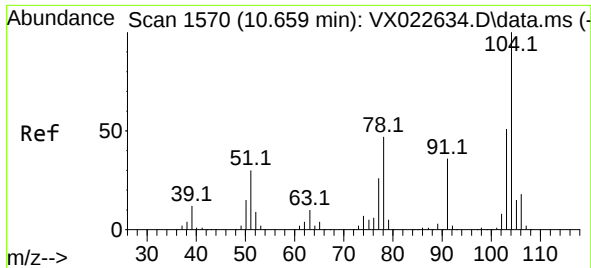
Tgt Ion: 95 Resp: 50477
Ion Ratio Lower Upper
95 100
174 59.3 0.0 154.6
176 60.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 117 Resp: 105787
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.7 26.6 39.8

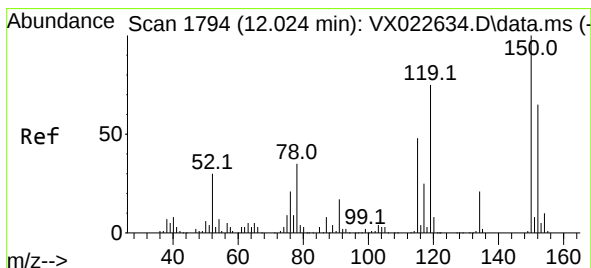
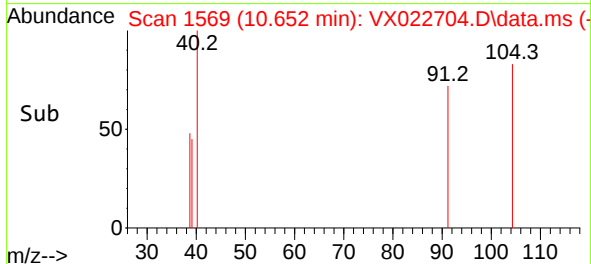
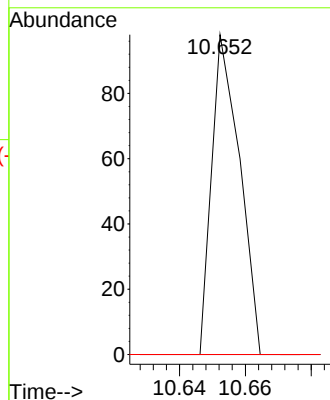
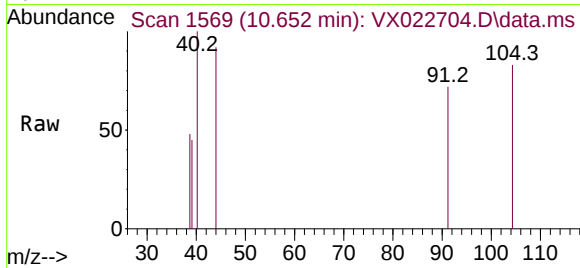




#70
Styrene
Concen: 1.48 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

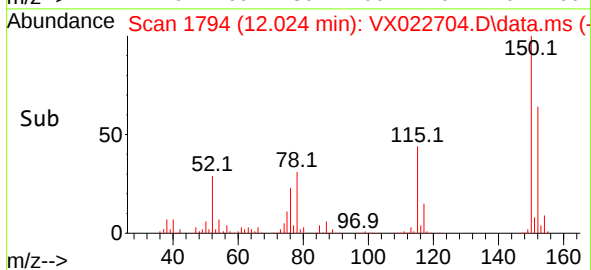
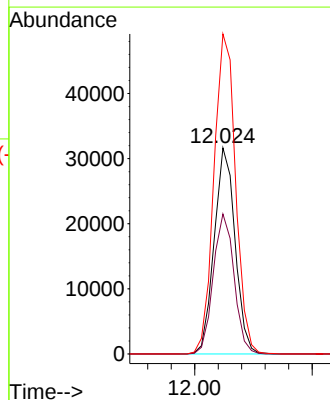
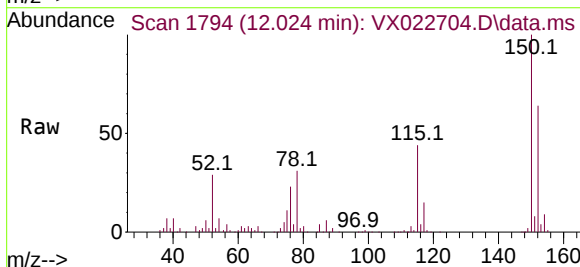
Instrument :
MSVOA_X
ClientSampled :
MW-3

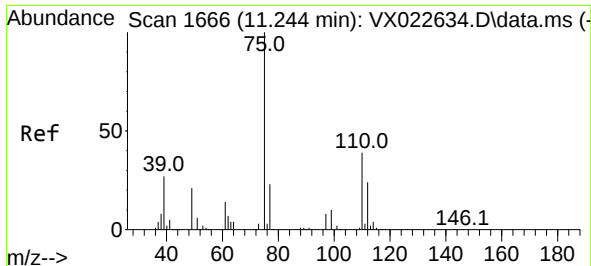
Tgt Ion:104	Resp:	58
Ion Ratio	Lower	Upper
104	100	
78	0.0	40.0
103	0.0	43.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion:152	Resp:	39104
Ion Ratio	Lower	Upper
152	100	
115	67.5	41.1
150	160.5	0.0

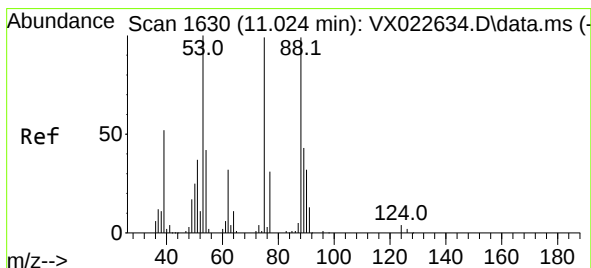
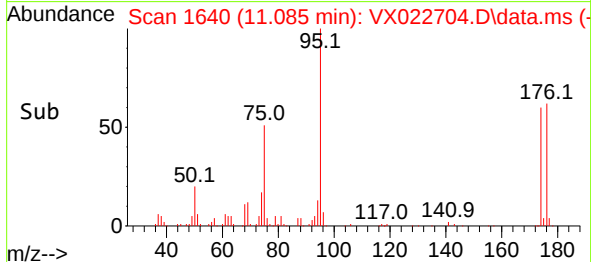
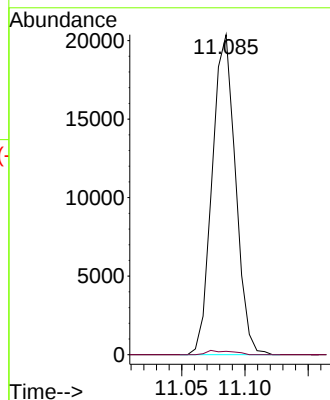
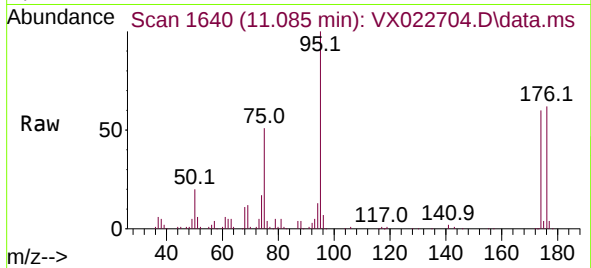




#76
1,2,3-Trichloropropane
Concen: 25.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

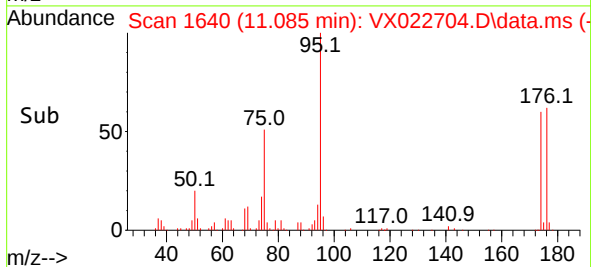
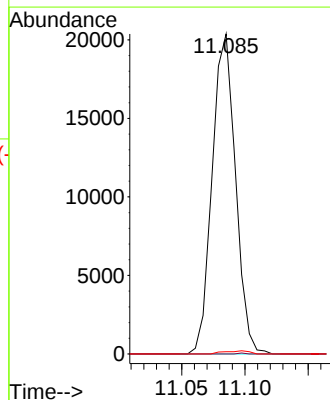
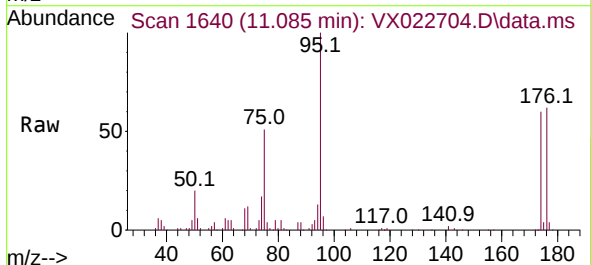
Instrument :
MSVOA_X
ClientSampled :
MW-3

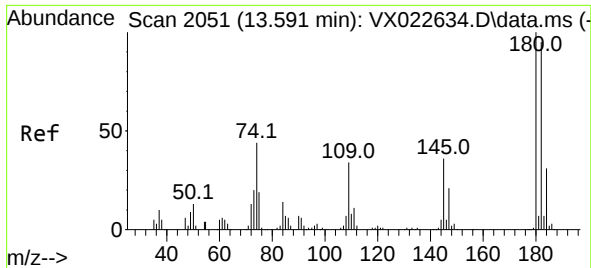
Tgt Ion: 75 Resp: 26148
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.45 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion: 75 Resp: 26148
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 1.1 37.9 56.9#

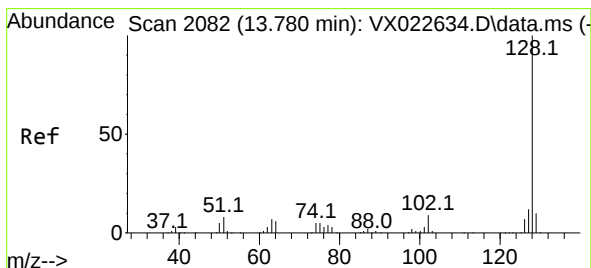
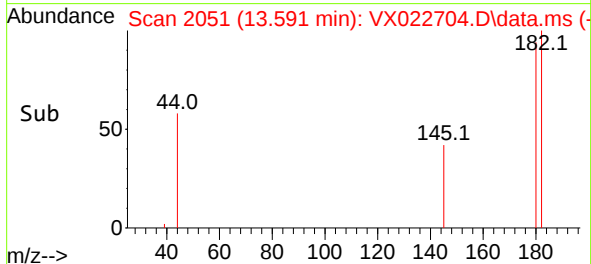
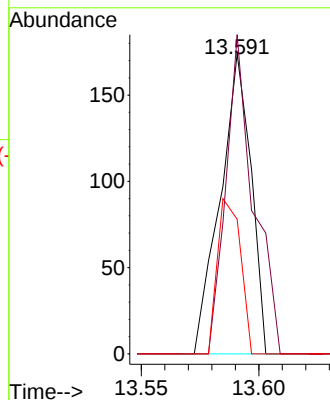
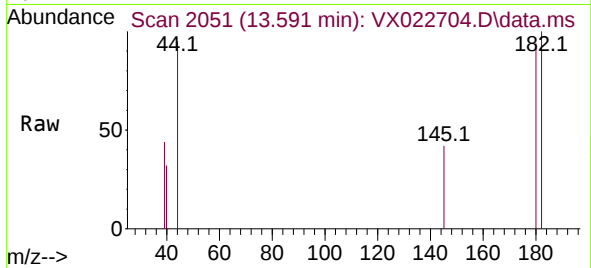




#93
1,2,4-Trichlorobenzene
Concen: 0.21 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion:180 Resp: 158
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 38.6 15.0 45.0



#95
Naphthalene
Concen: 1.62 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022704.D
Acq: 15 Jun 2021 17:21

Tgt Ion:128 Resp: 512
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

