

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022705.D
 Acq On : 15 Jun 2021 17:44
 Operator : JC/MD
 Sample : M2712-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 16 05:27:09 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)

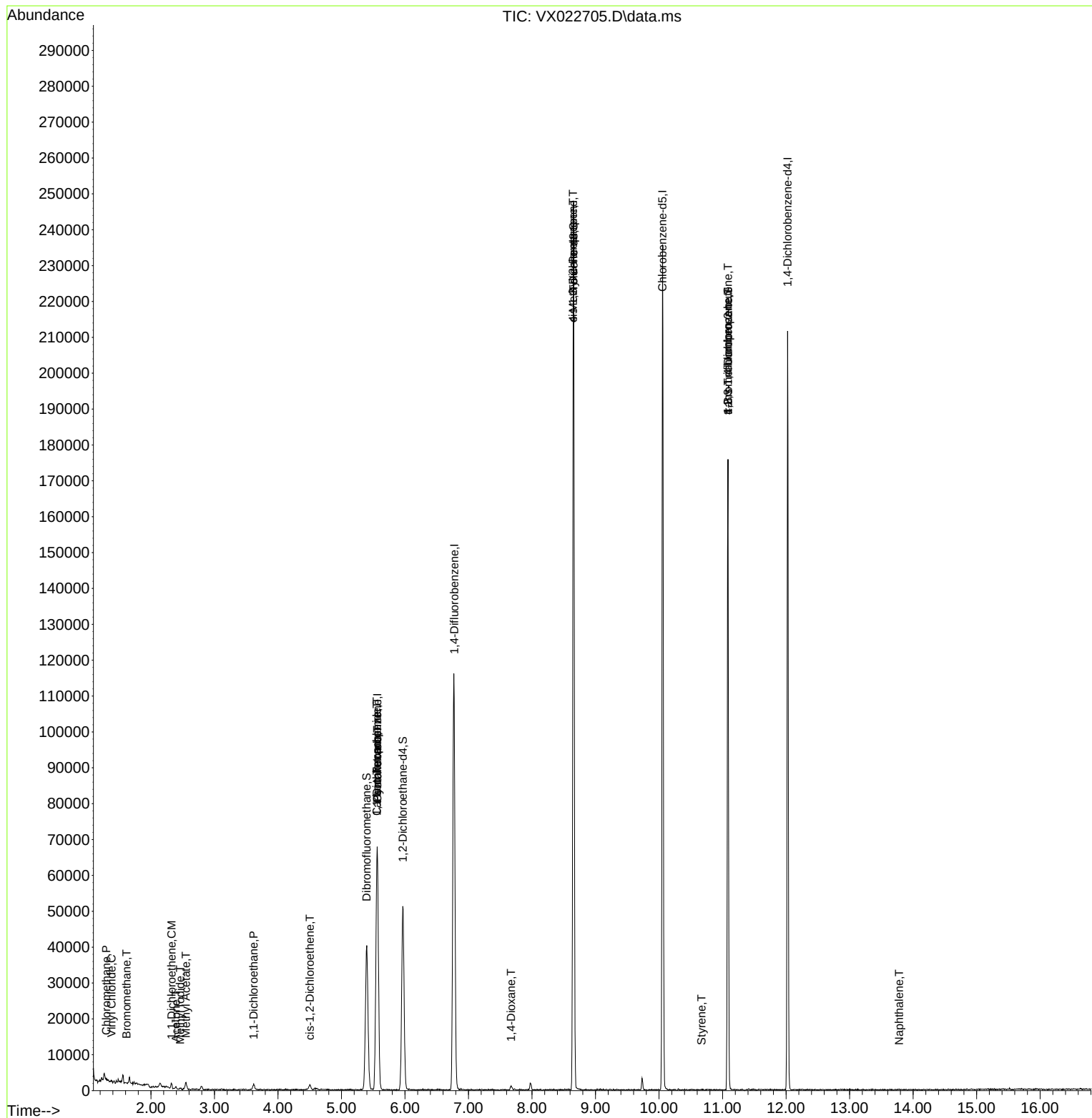
Internal Standards						
1) Pentafluorobenzene	5.562	168	56358	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	112935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47503	46.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.74%		
35) Dibromofluoromethane	5.397	113	34520	47.91	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.82%		
50) Toluene-d8	8.653	98	136644	48.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.22%		
62) 4-Bromofluorobenzene	11.085	95	46338	43.13	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.26%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	177	0.22	ug/l	# 42
4) Vinyl Chloride	1.380	62	187	0.24	ug/l	# 17
5) Bromomethane	1.617	94	146	0.34	ug/l	# 80
10) Methyl Iodide	2.459	142	253	0.33	ug/l	# 90
12) 1,1-Dichloroethene	2.325	96	482	0.70	ug/l	# 88
16) Acetone	2.392	43	714	1.57	ug/l	# 93
18) Methyl Acetate	2.550	43	691	0.51	ug/l	# 47
24) 1,1-Dichloroethane	3.617	63	1829	1.20	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	937	1.01	ug/l	# 77
31) Cyclohexane	5.562	56	1669	1.36	ug/l	# 3
36) 1,1-Dichloropropene	5.556	75	5919	5.26	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	6223	6.47	ug/l	# 16
49) 1,4-Dioxane	7.671	88	767	37.17	ug/l	# 98
51) 4-Methyl-2-Pentanone	8.647	43	771	0.54	ug/l	# 1
54) cis-1,3-Dichloropropene	8.647	75	21	2.51	ug/l	# 1
70) Styrene	10.671	104	22	1.46	ug/l	# 26
76) 1,2,3-Trichloropropane	11.085	75	25094	25.71	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	25094	64.57	ug/l	# 12
95) Naphthalene	13.780	128	144	1.52	ug/l	# 69

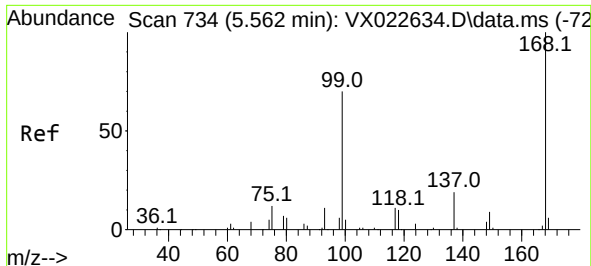
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

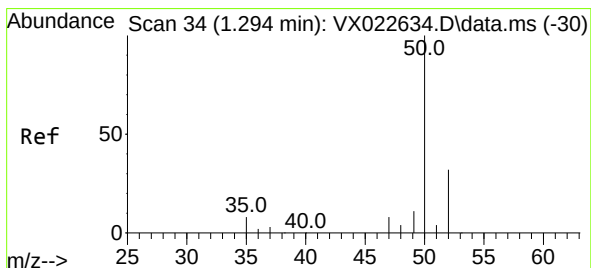
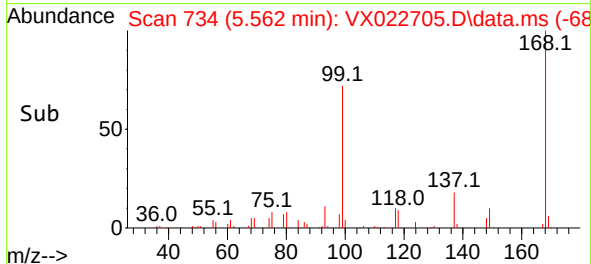
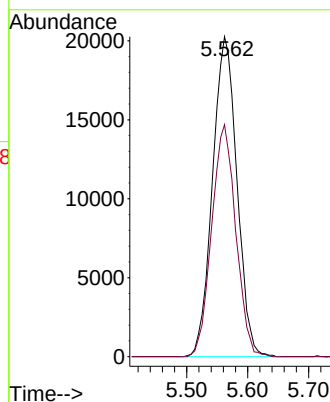
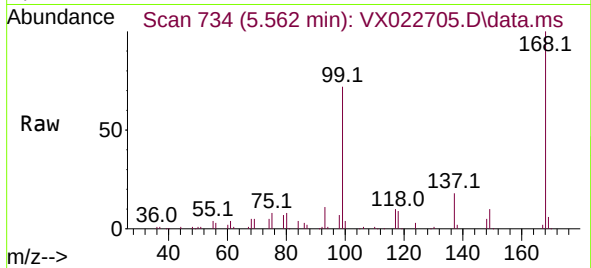




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

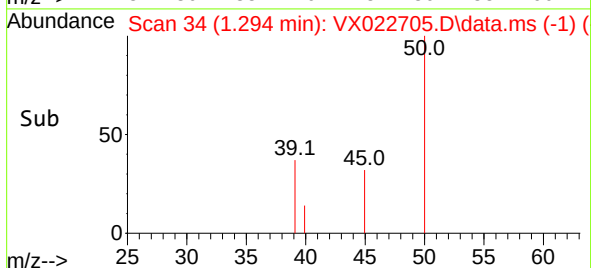
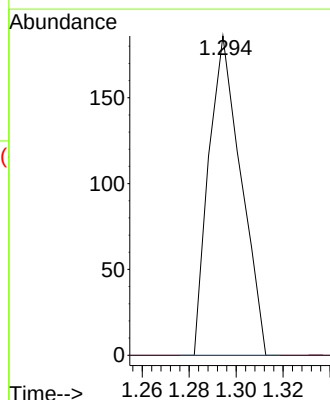
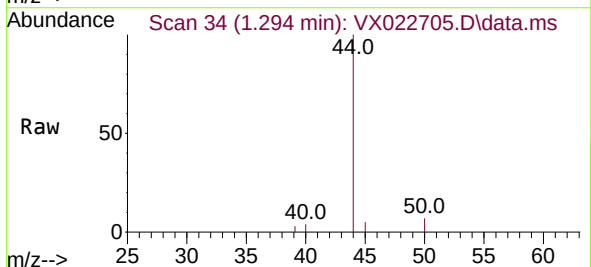
Instrument :
MSVOA_X
ClientSampleId :
MW-4

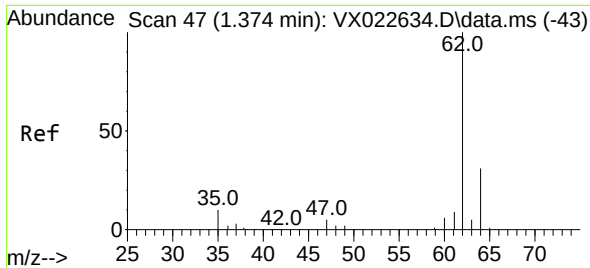
Tgt Ion:168 Resp: 56358
Ion Ratio Lower Upper
168 100
99 72.5 45.8 68.6#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

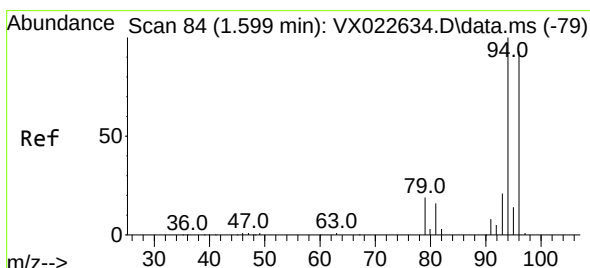
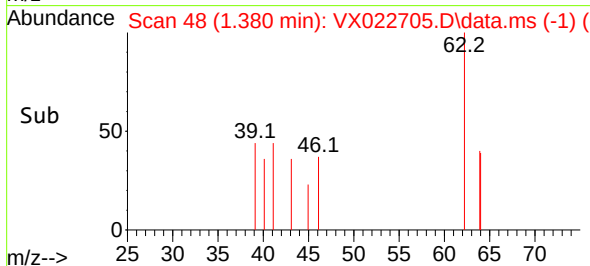
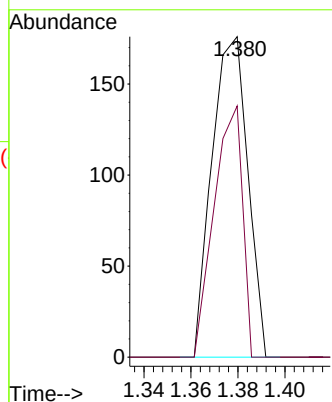
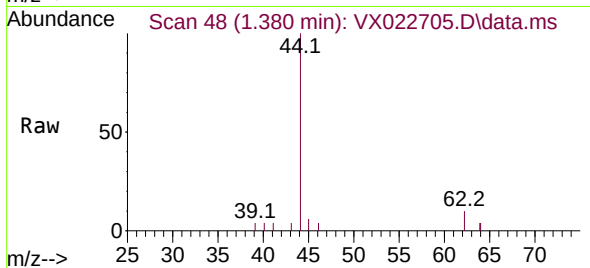




#4
 Vinyl Chloride
 Concen: 0.24 ug/l
 RT: 1.380 min Scan# 48
 Delta R.T. 0.006 min
 Lab File: VX022705.D
 Acq: 15 Jun 2021 17:44

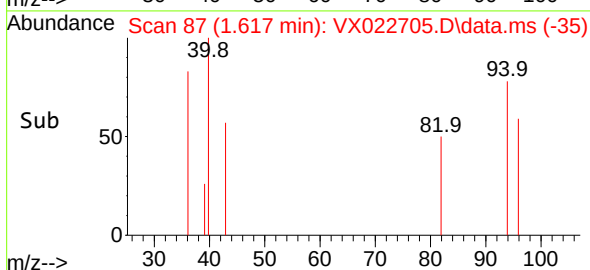
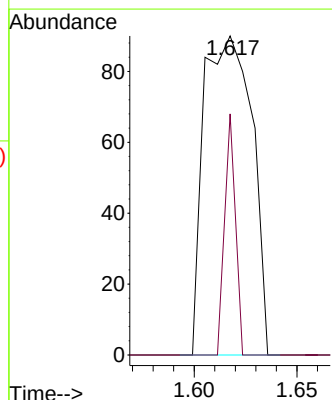
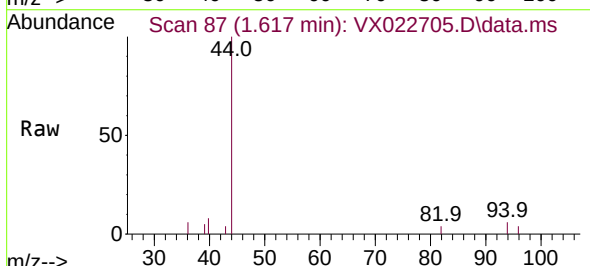
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

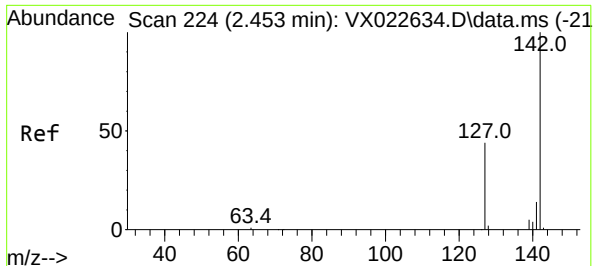
Tgt Ion: 62 Resp: 187
 Ion Ratio Lower Upper
 62 100
 64 78.4 25.7 38.5#



#5
 Bromomethane
 Concen: 0.34 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX022705.D
 Acq: 15 Jun 2021 17:44

Tgt Ion: 94 Resp: 146
 Ion Ratio Lower Upper
 94 100
 96 75.6 76.4 114.6#

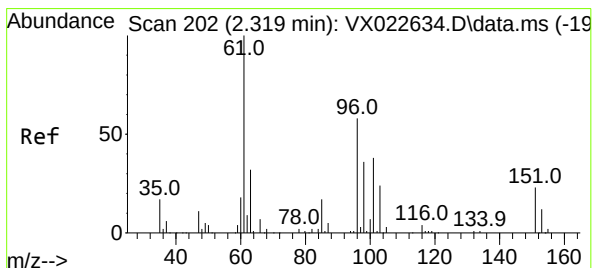
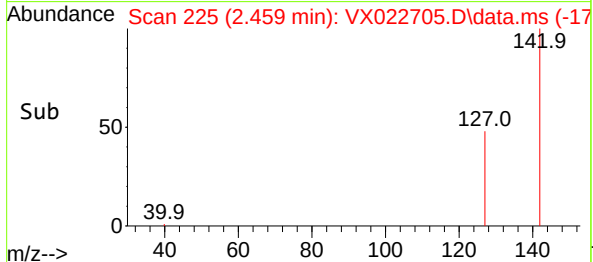
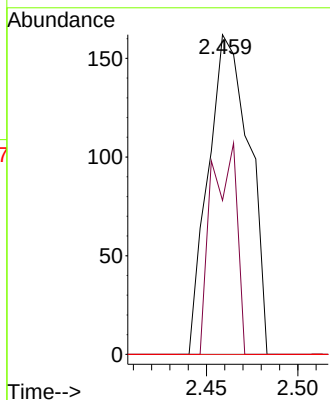
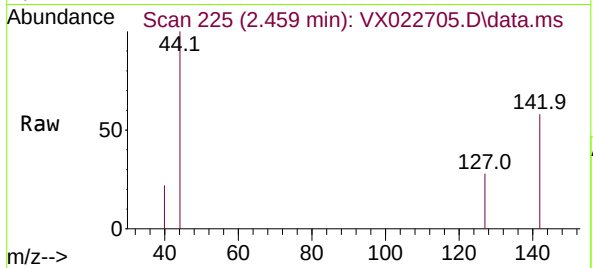




#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

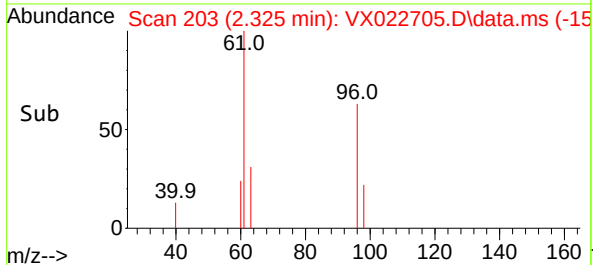
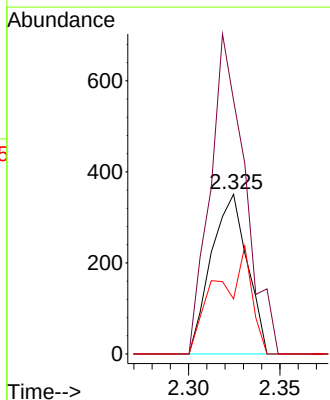
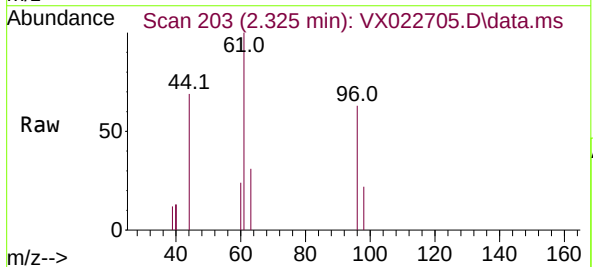
Instrument :
MSVOA_X
ClientSampled :
MW-4

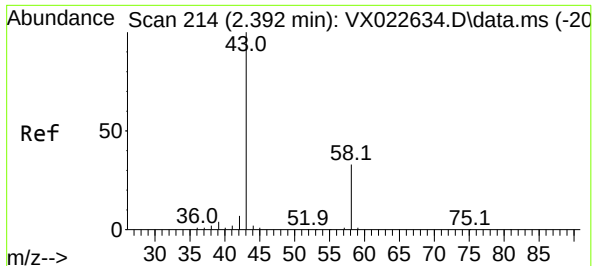
Tgt Ion:142 Resp: 253
Ion Ratio Lower Upper
142 100
127 40.7 33.3 49.9
141 0.0 11.4 17.0#



#12
1,1-Dichloroethene
Concen: 0.70 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 96 Resp: 482
Ion Ratio Lower Upper
96 100
61 158.7 124.6 187.0
98 34.5 50.6 76.0#

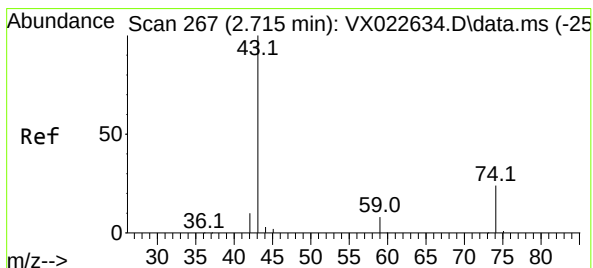
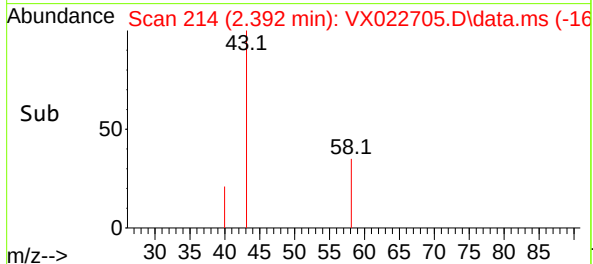
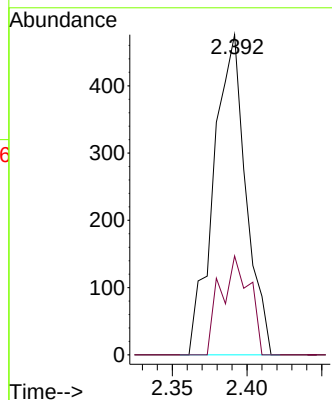
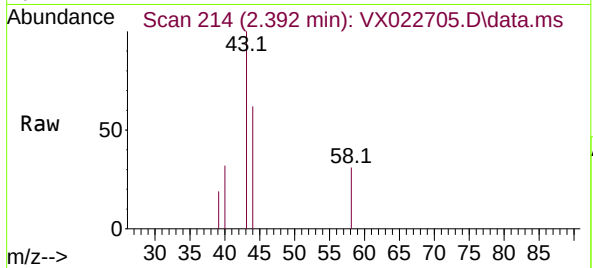




#16
Acetone
Concen: 1.57 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

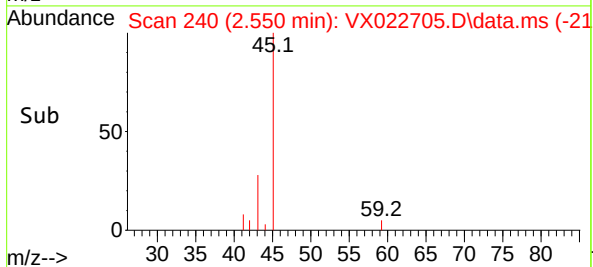
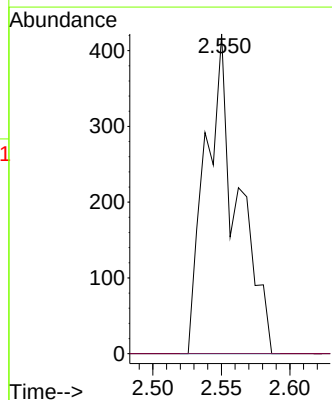
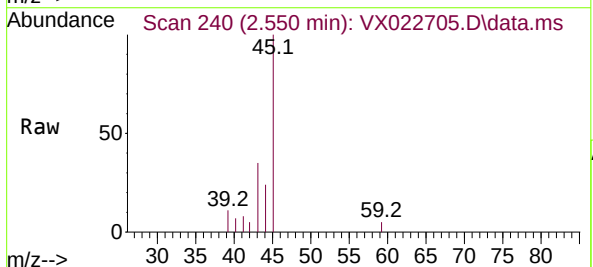
Instrument :
MSVOA_X
ClientSampleId :
MW-4

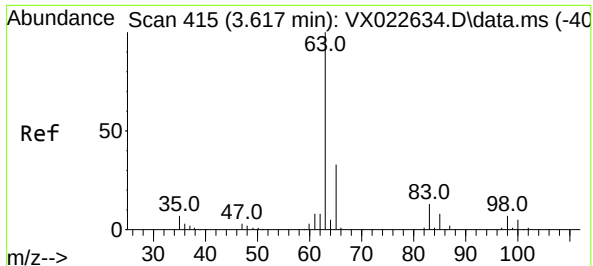
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.51 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

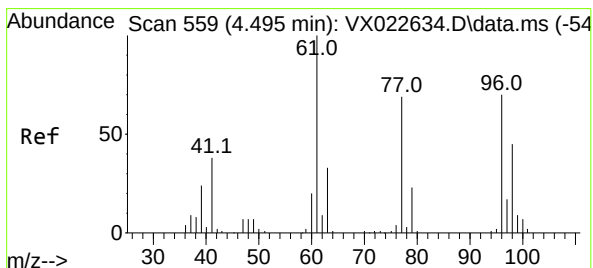
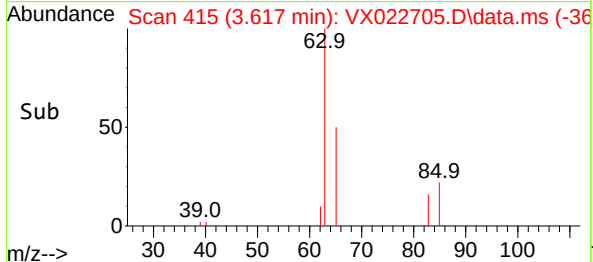
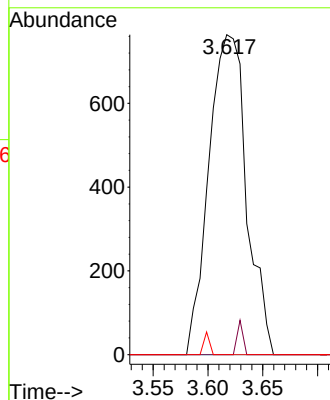
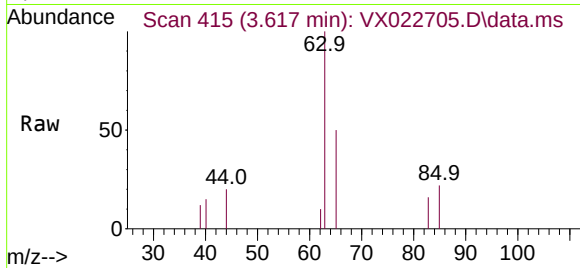




#24
1,1-Dichloroethane
Concen: 1.20 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

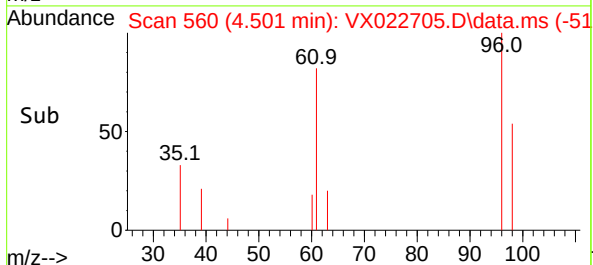
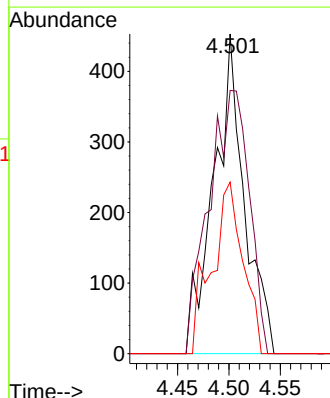
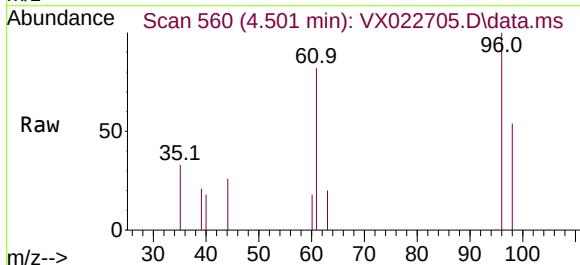
Instrument :
MSVOA_X
ClientSampled :
MW-4

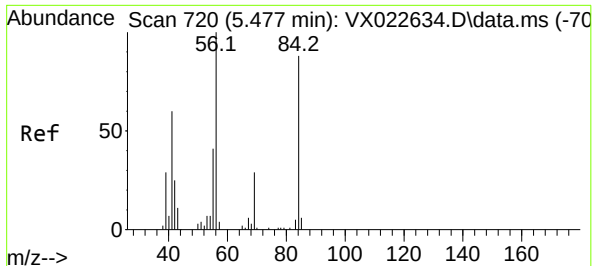
Tgt Ion: 63 Resp: 1829
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 1.01 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 96 Resp: 937
Ion Ratio Lower Upper
96 100
61 108.6 0.0 285.6
98 55.2 0.0 129.6

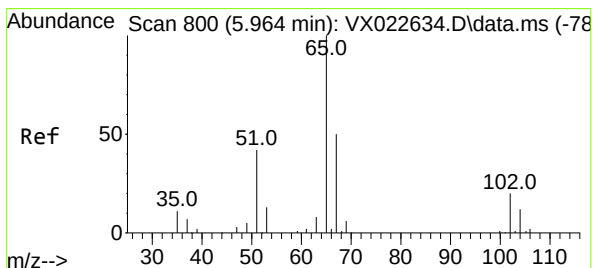
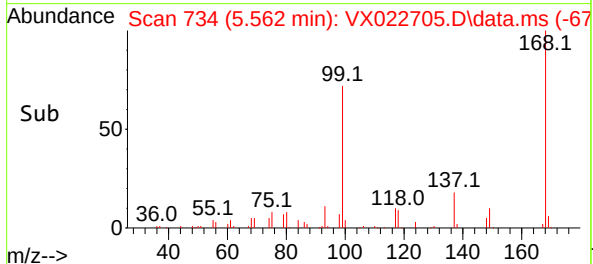
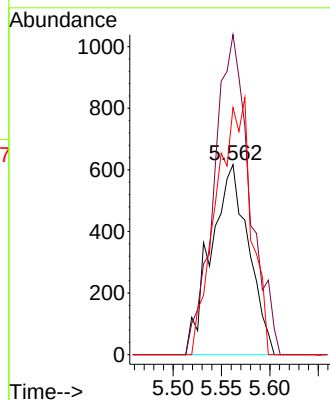
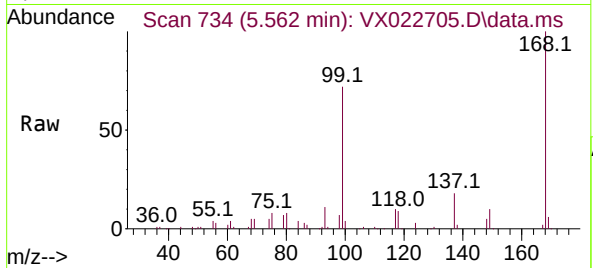




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

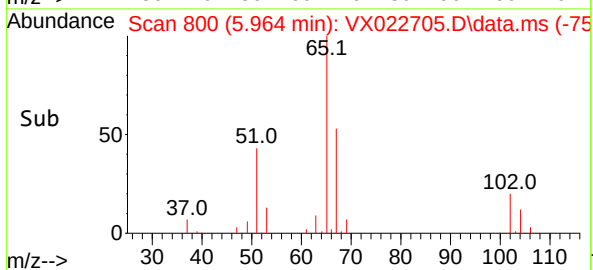
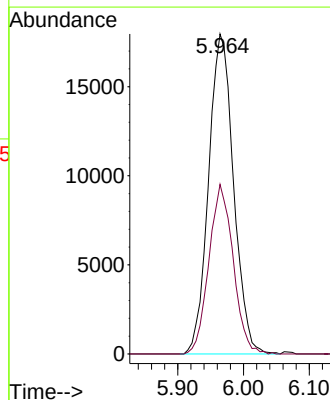
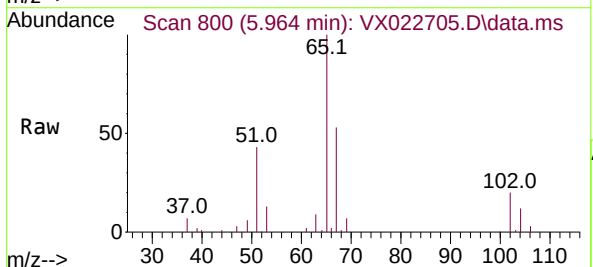
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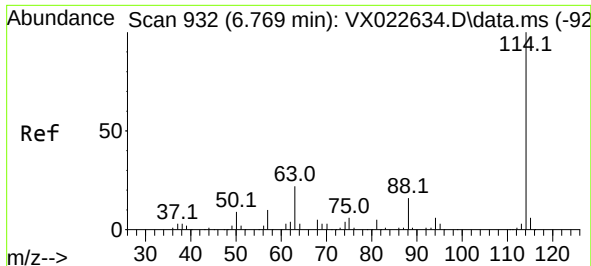
Tgt Ion: 56 Resp: 1669
Ion Ratio Lower Upper
56 100
69 168.4 25.3 37.9#
84 130.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 46.87 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 65 Resp: 47503
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

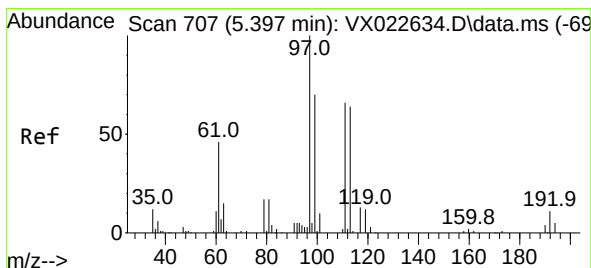
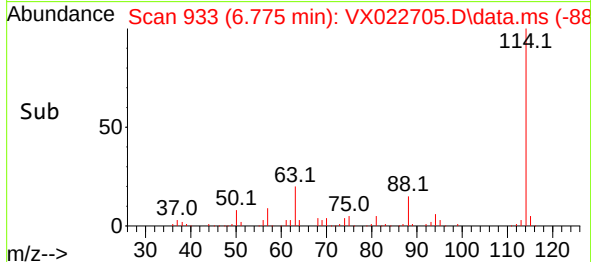
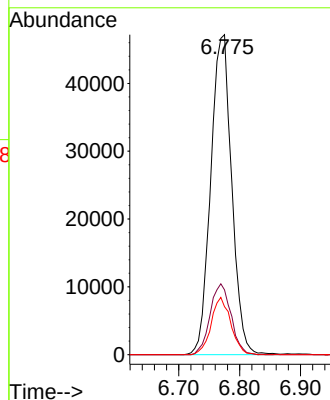
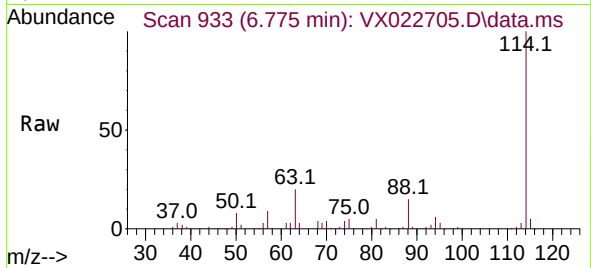




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

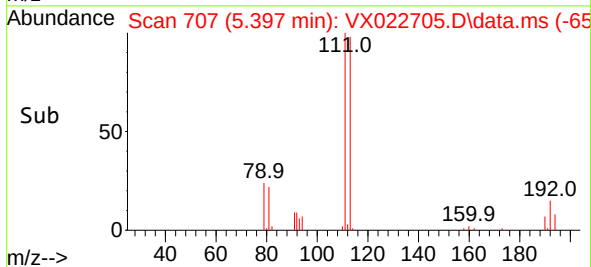
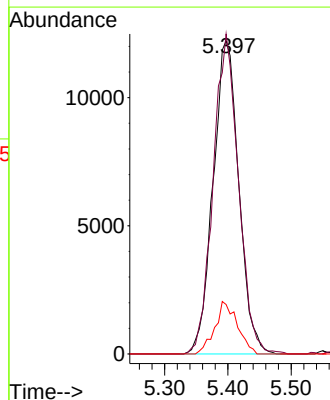
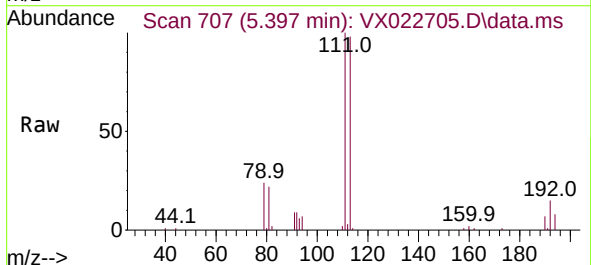
Instrument :
MSVOA_X
ClientSampleId :
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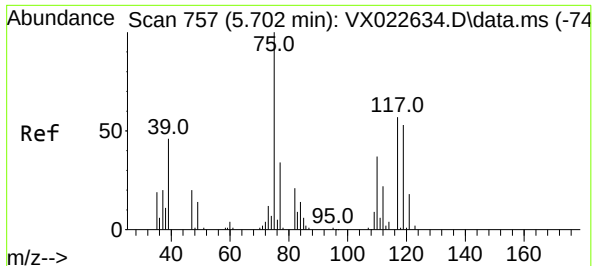
Tgt Ion:114 Resp: 112935
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.91 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion:113 Resp: 34520
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 14.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.26 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022705.D

Acq: 15 Jun 2021 17:44

Tgt Ion: 75 Resp: 5919

Ion Ratio Lower Upper

75 100

110 4.7 18.1 54.4#

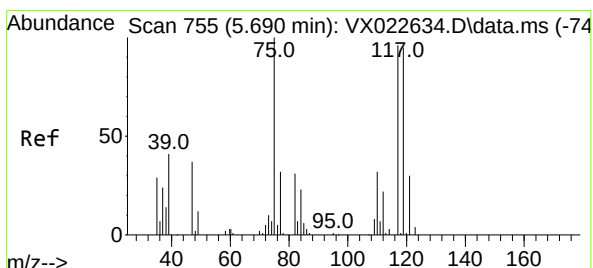
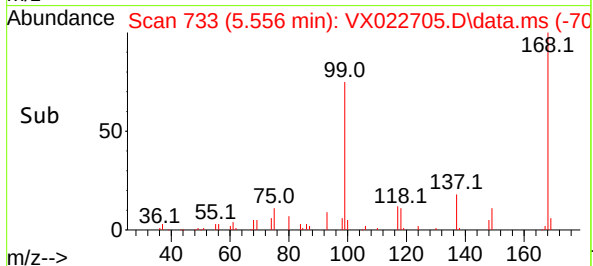
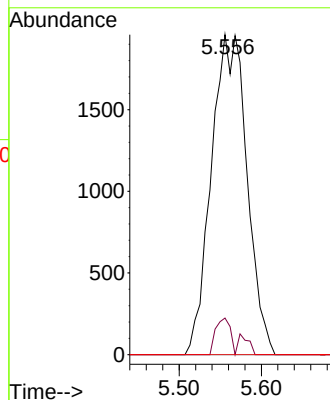
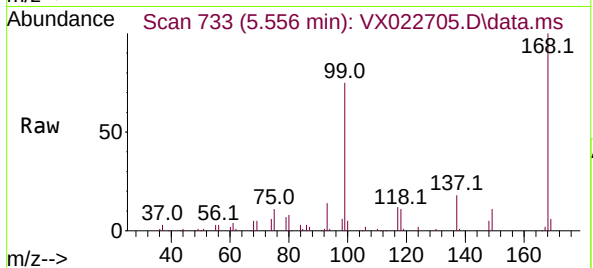
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

MW-4



#38

Carbon Tetrachloride

Concen: 6.47 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX022705.D

Acq: 15 Jun 2021 17:44

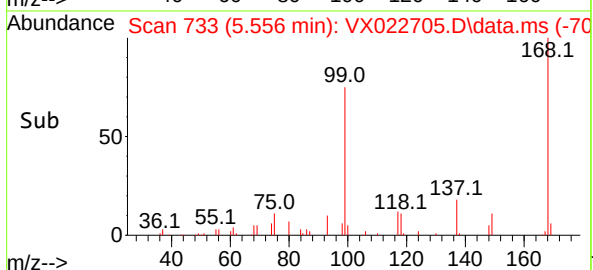
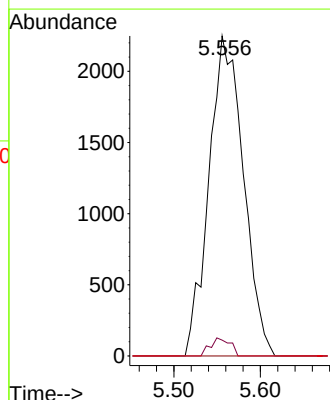
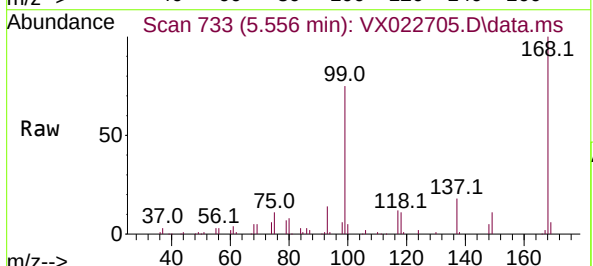
Tgt Ion: 117 Resp: 6223

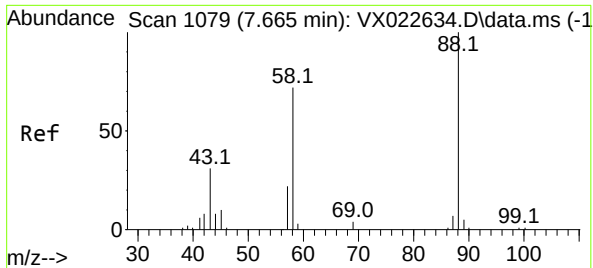
Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

121 0.0 24.8 37.2#

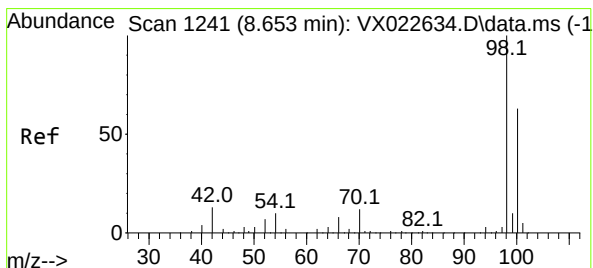
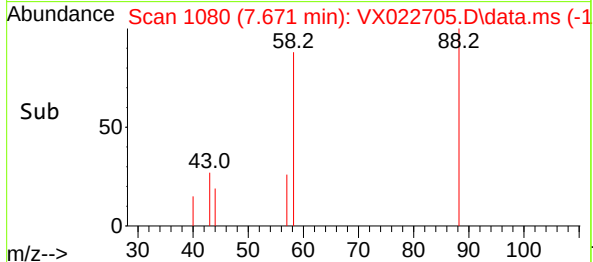
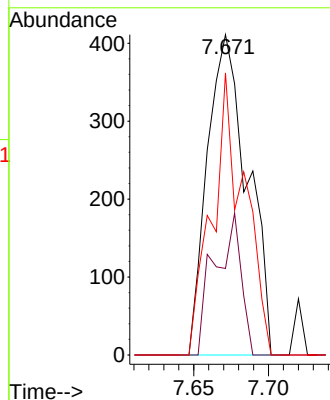
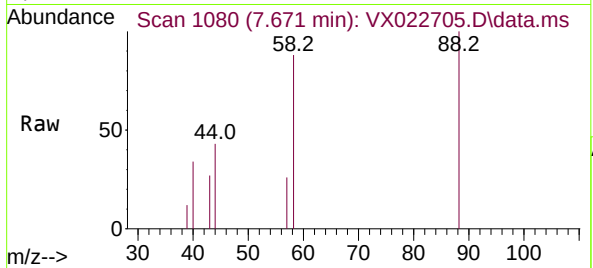




#49
1,4-Dioxane
Concen: 37.17 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

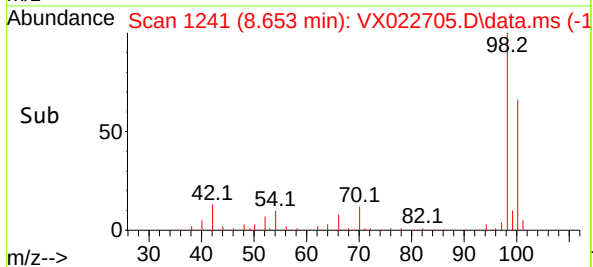
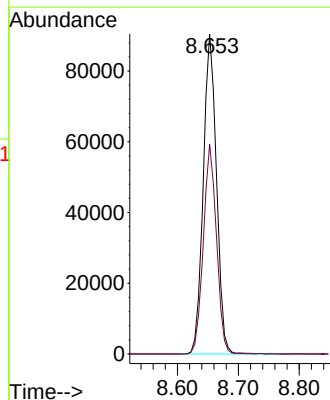
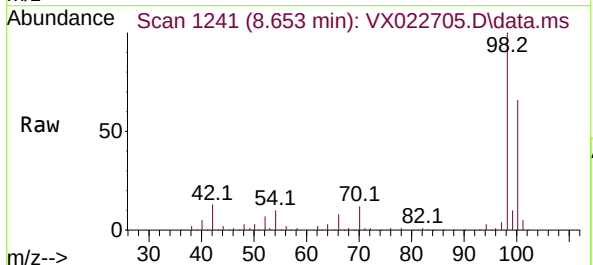
Instrument :
MSVOA_X
ClientSampled :
MW-4

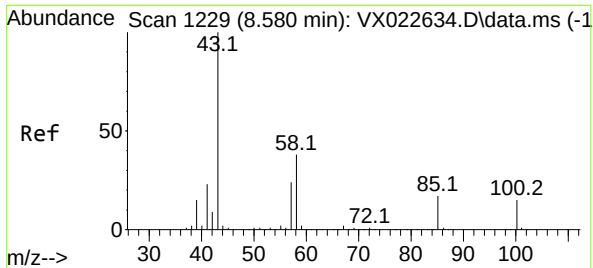
Tgt Ion:	88	Resp:	767
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.2	34.8
58	70.5	55.0	82.4



#50
Toluene-d8
Concen: 48.11 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion:	98	Resp:	136644
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9

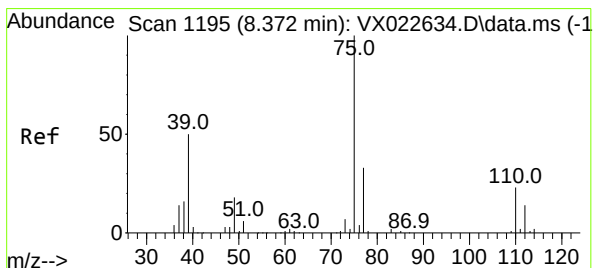
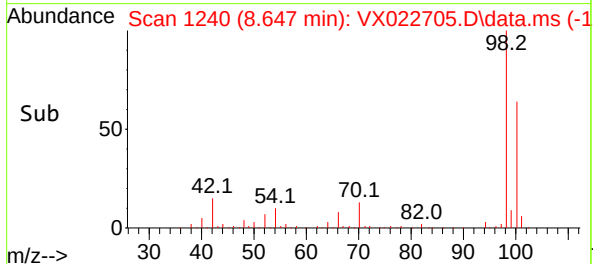
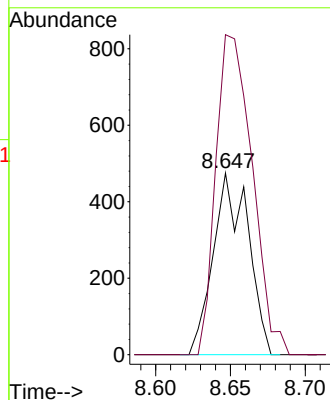
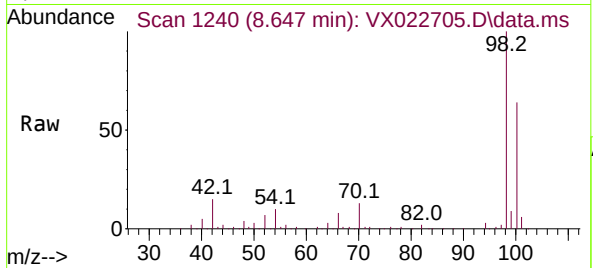




#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

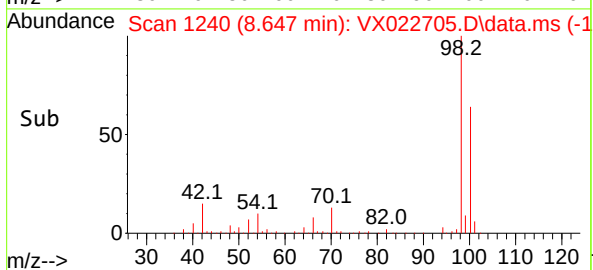
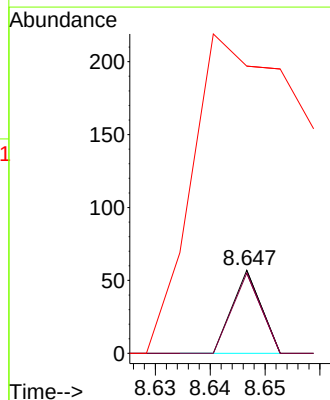
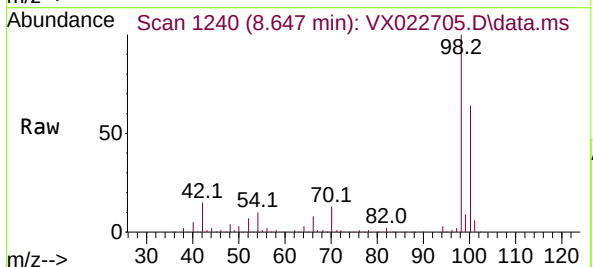
Instrument :
MSVOA_X
ClientSampled :
MW-4

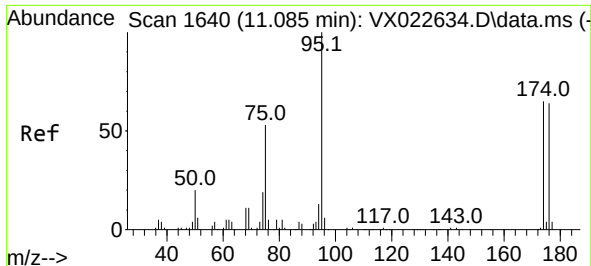
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 184.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 2.51 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.275 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
77 96.5 25.7 38.5#
39 224.6 35.1 52.7#

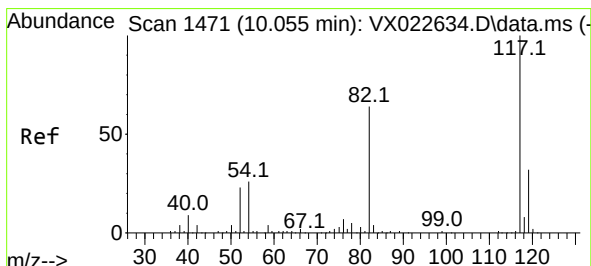
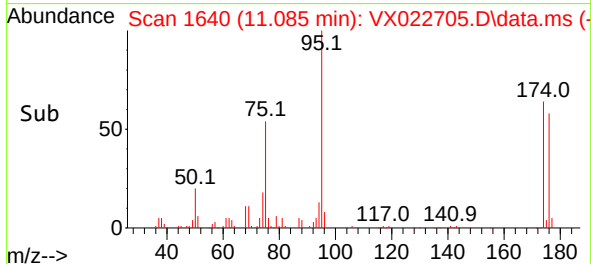
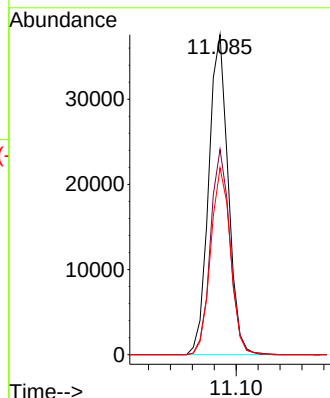
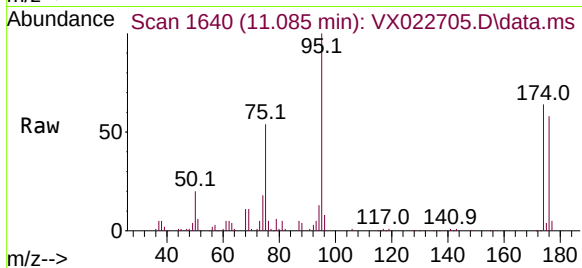




#62
4-Bromofluorobenzene
Concen: 43.13 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

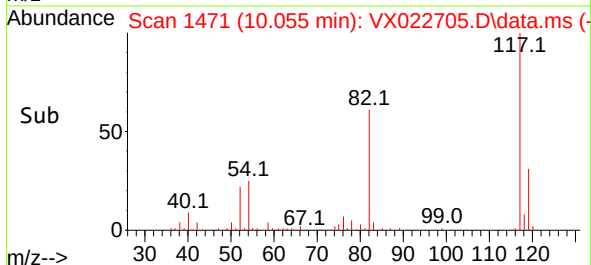
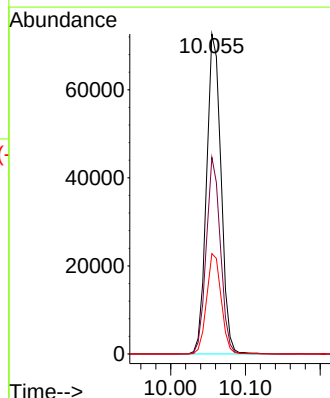
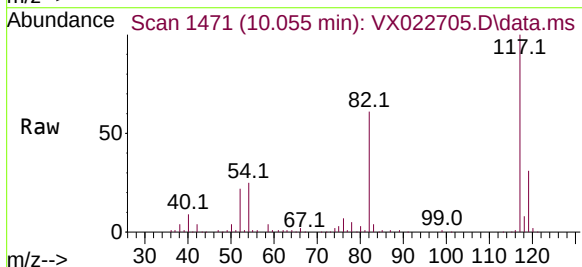
Instrument :
MSVOA_X
ClientSampled :
MW-4

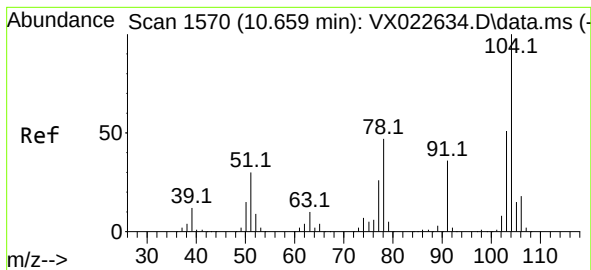
Tgt Ion: 95 Resp: 46338
Ion Ratio Lower Upper
95 100
174 64.1 0.0 154.6
176 59.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 117 Resp: 97766
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.3 26.6 39.8





#70

Styrene

Concen: 1.46 ug/l

RT: 10.671 min Scan# 1572

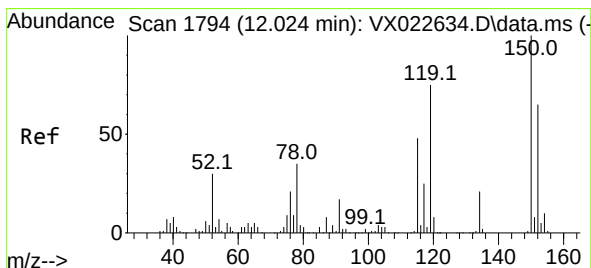
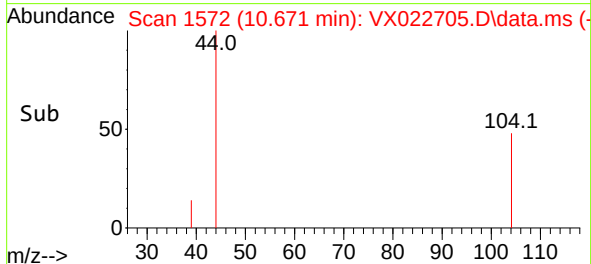
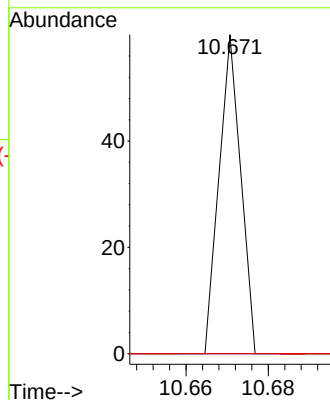
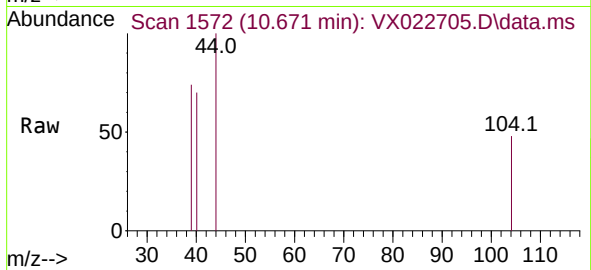
Delta R.T. 0.012 min

Lab File: VX022705.D

Acq: 15 Jun 2021 17:44

Tgt Ion:104	Resp:	22
Ion Ratio	Lower	Upper
104	100	
78	0.0	40.0
103	0.0	43.4

Instrument :
MSVOA_X
ClientSampled :
MW-4



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

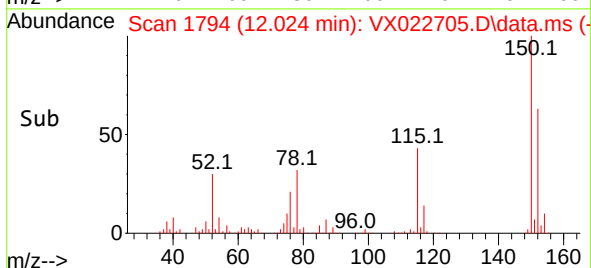
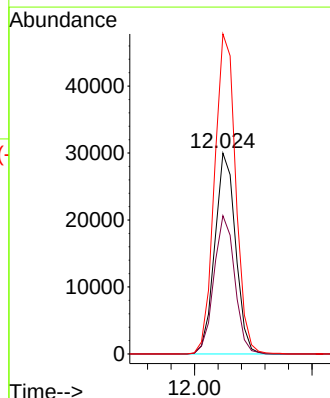
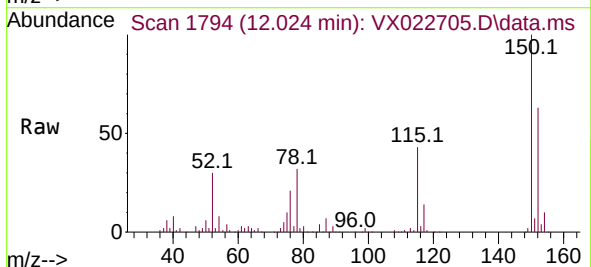
RT: 12.024 min Scan# 1794

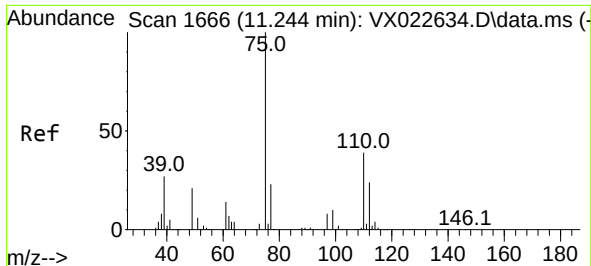
Delta R.T. -0.000 min

Lab File: VX022705.D

Acq: 15 Jun 2021 17:44

Tgt Ion:152	Resp:	36811
Ion Ratio	Lower	Upper
152	100	
115	69.0	41.1
150	161.9	0.0

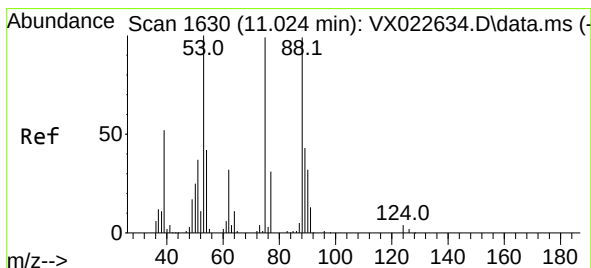
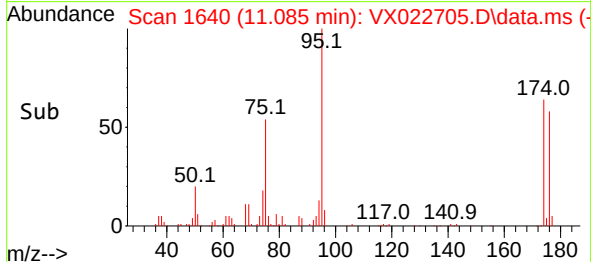
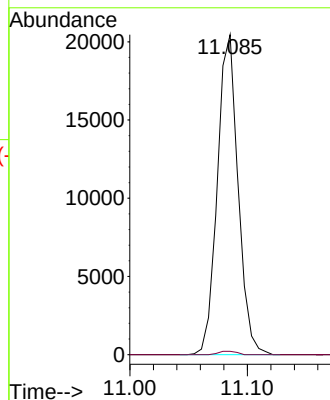
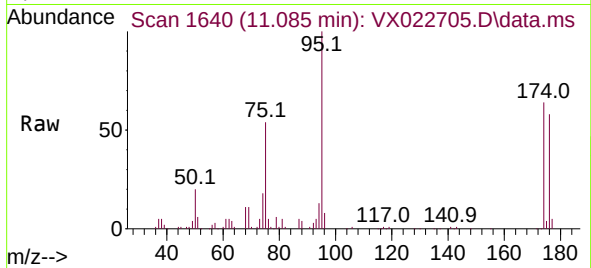




#76
1,2,3-Trichloropropane
Concen: 25.71 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

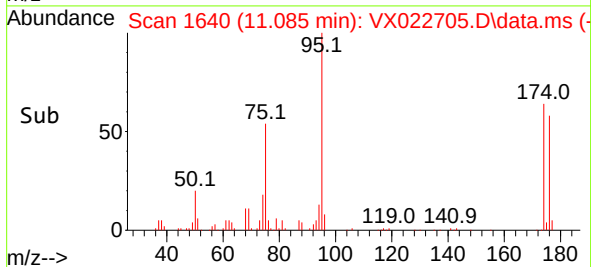
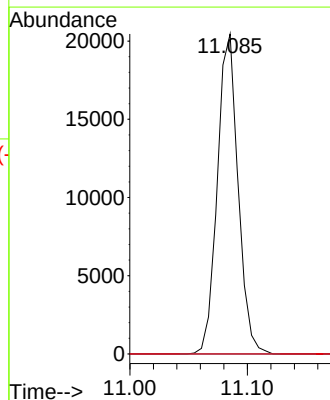
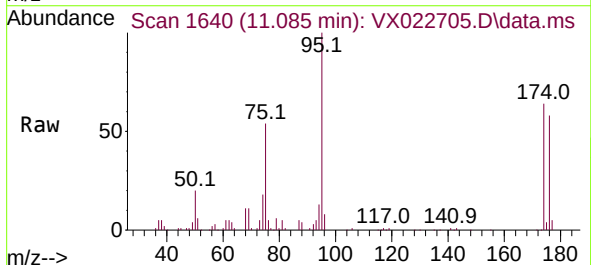
Instrument :
MSVOA_X
ClientSampled :
MW-4

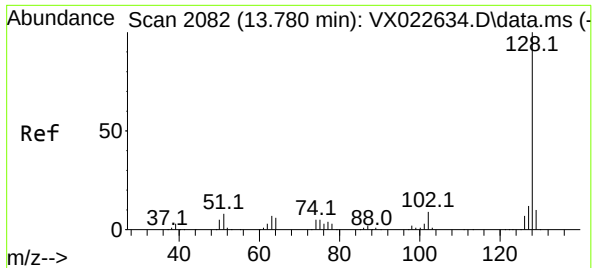
Tgt Ion: 75 Resp: 25094
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Tgt Ion: 75 Resp: 25094
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.52 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022705.D
Acq: 15 Jun 2021 17:44

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:128	Resp:	144
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

