

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022739.D
 Acq On : 17 Jun 2021 14:41
 Operator : JC/MD
 Sample : M2750-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20210616

Quant Time: Jun 18 01:17:17 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)

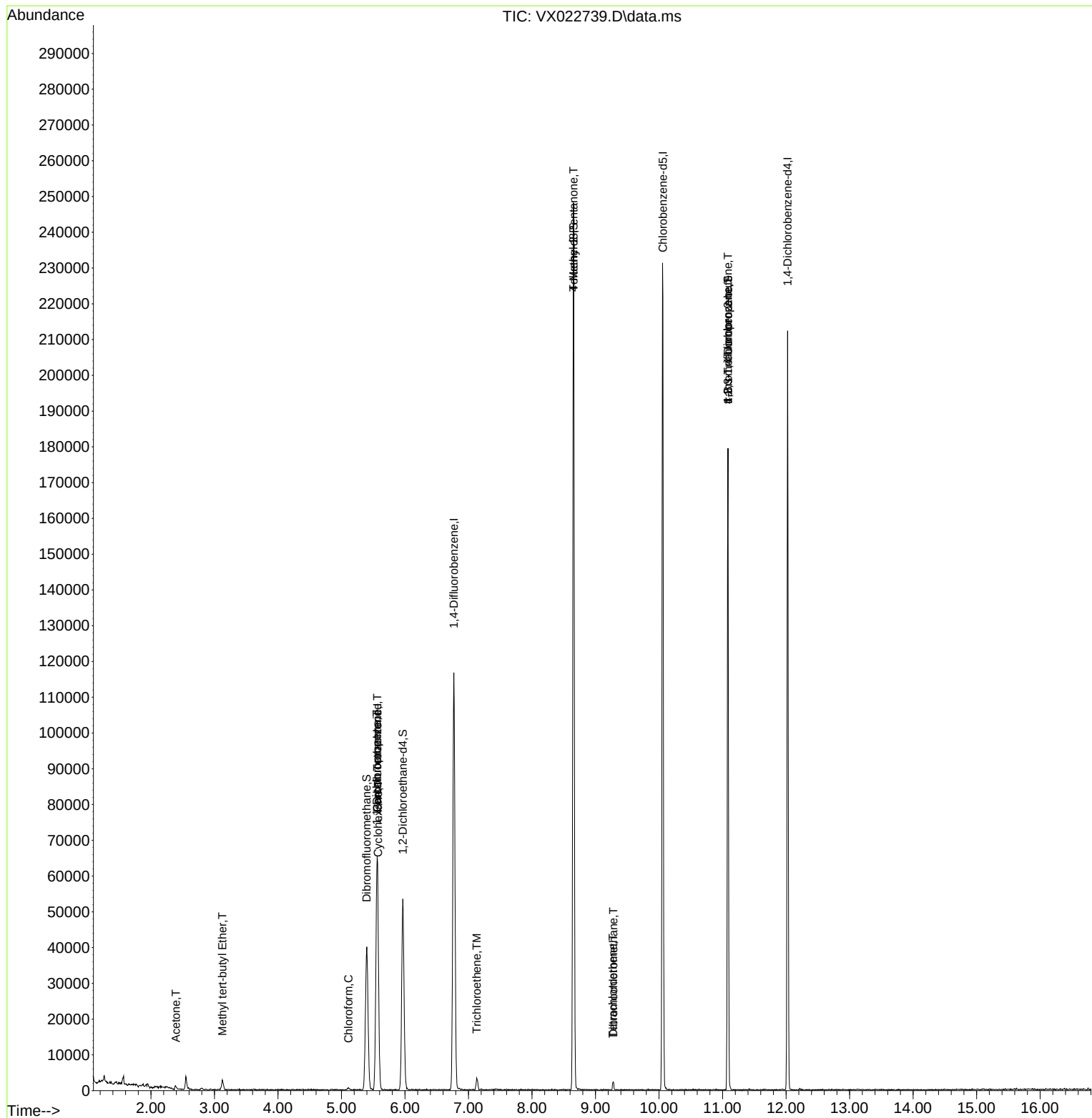
Internal Standards						
1) Pentafluorobenzene	5.562	168	54086	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	97075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47404	48.73	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.46%
35) Dibromofluoromethane	5.397	113	34046	48.07	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.14%
50) Toluene-d8	8.653	98	136546	48.91	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.82%
62) 4-Bromofluorobenzene	11.085	95	46409	43.95	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.90%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1256	2.88	ug/l	# 69
19) Methyl tert-butyl Ether	3.123	73	2531	1.11	ug/l	# 73
20) Methylene Chloride	2.800	84	169	Below Cal	#	75
30) Chloroform	5.111	83	700	0.48	ug/l	# 82
31) Cyclohexane	5.574	56	1671	1.42	ug/l	# 54
36) 1,1-Dichloropropene	5.556	75	5588	5.05	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	6395	6.76	ug/l	# 18
44) Trichloroethene	7.129	130	1130	1.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	728	0.52	ug/l	# 1
60) Dibromochloromethane	9.281	129	398	3.62	ug/l	# 11
64) Tetrachloroethene	9.275	164	316	0.51	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	25689	25.84	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	25689	64.86	ug/l	# 12

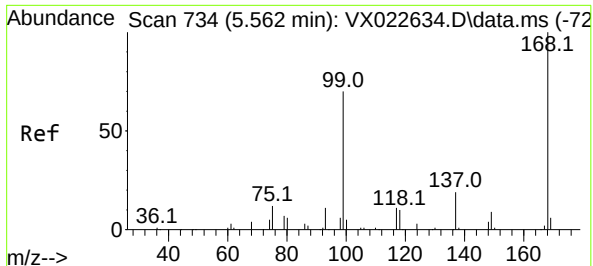
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:17:17 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

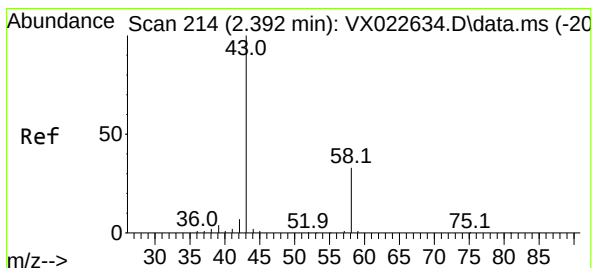
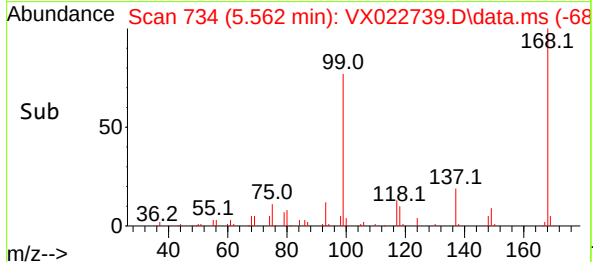
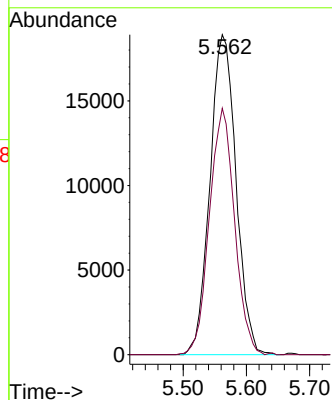
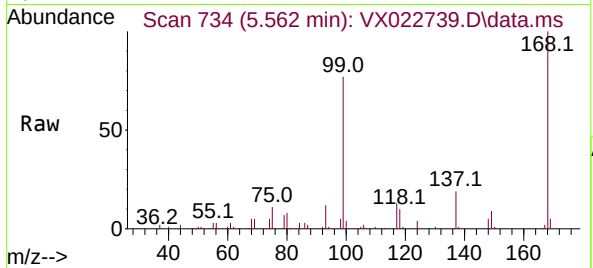




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

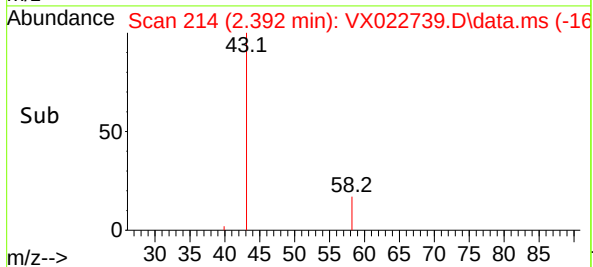
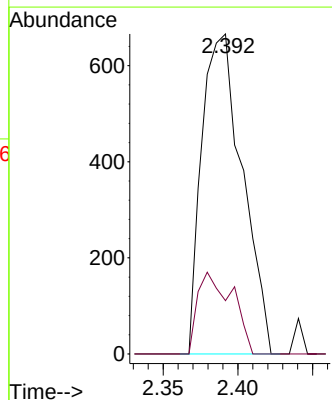
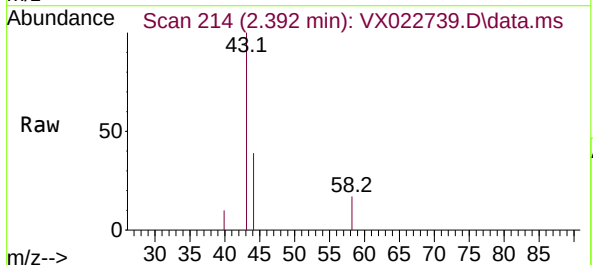
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20210616

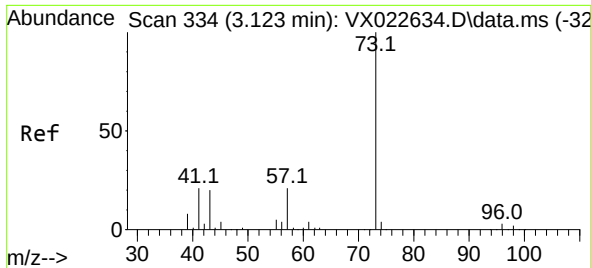
Tgt Ion:168 Resp: 54086
Ion Ratio Lower Upper
168 100
99 77.0 45.8 68.6#



#16
Acetone
Concen: 2.88 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 16.7 27.8 41.8#

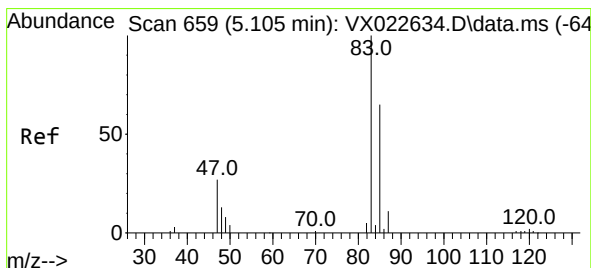
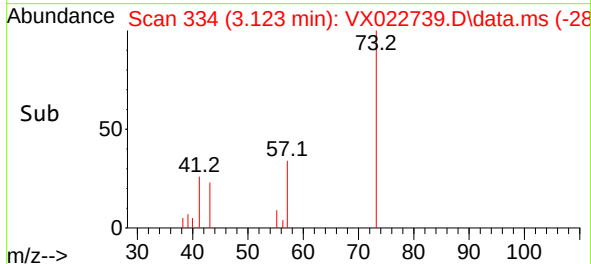
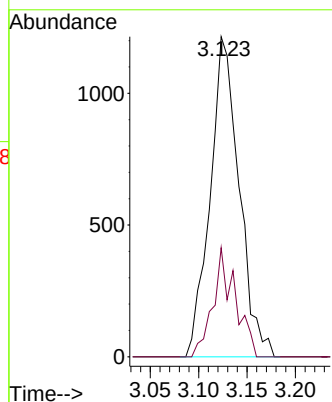
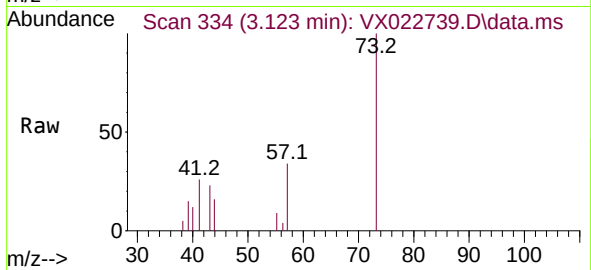




#19
Methyl tert-butyl Ether
Concen: 1.11 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

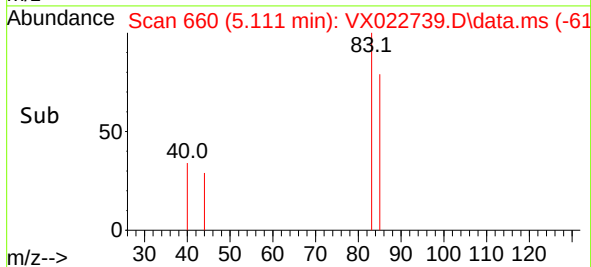
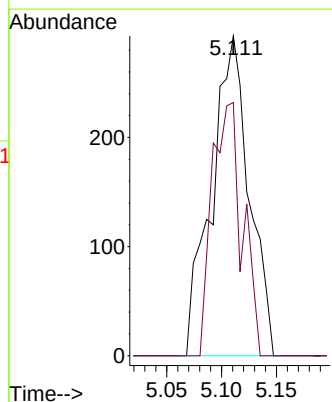
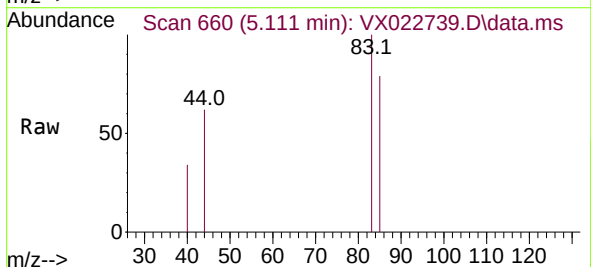
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20210616

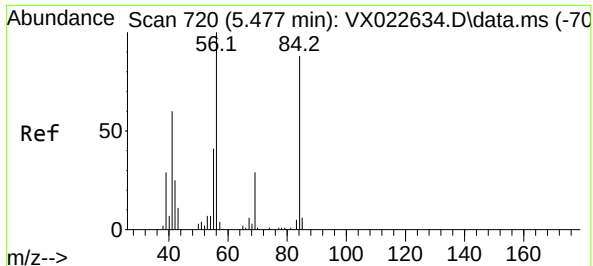
Tgt Ion: 73 Resp: 2531
Ion Ratio Lower Upper
73 100
57 34.1 17.1 25.7#



#30
Chloroform
Concen: 0.48 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

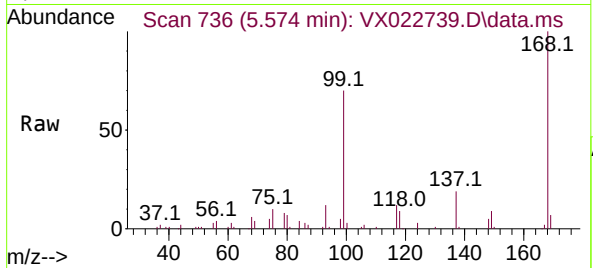
Tgt Ion: 83 Resp: 700
Ion Ratio Lower Upper
83 100
85 79.2 52.0 78.0#



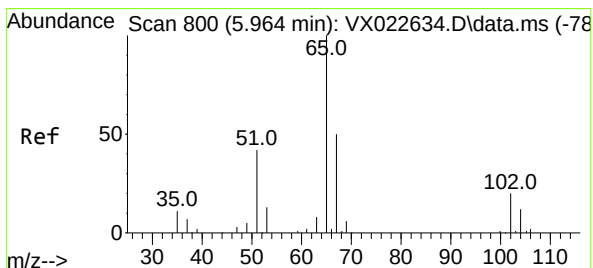
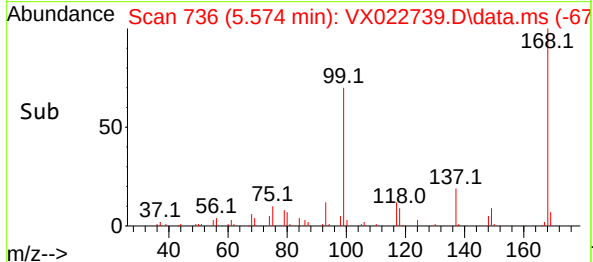
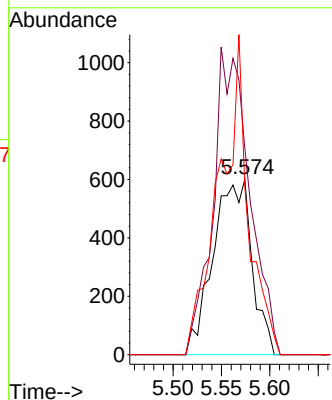


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.097 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20210616

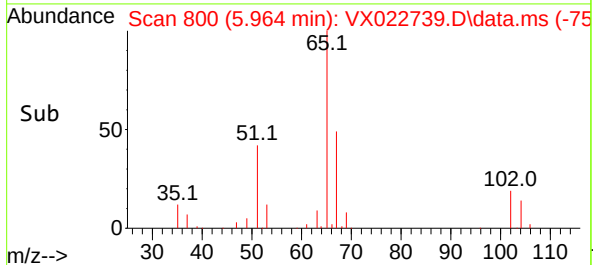
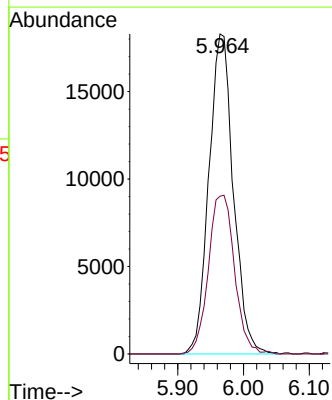
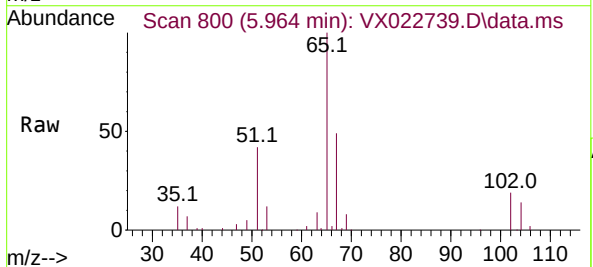


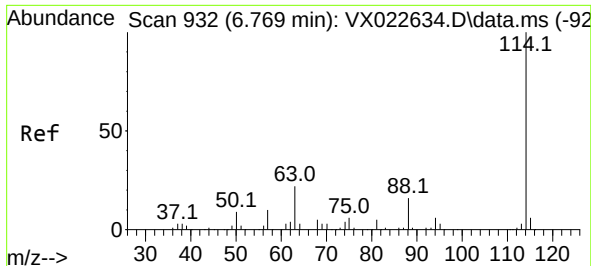
Tgt Ion: 56 Resp: 1671
Ion Ratio Lower Upper
56 100
69 117.6 25.3 37.9#
84 95.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.73 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion: 65 Resp: 47404
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

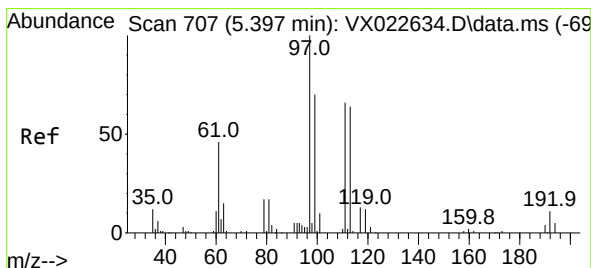
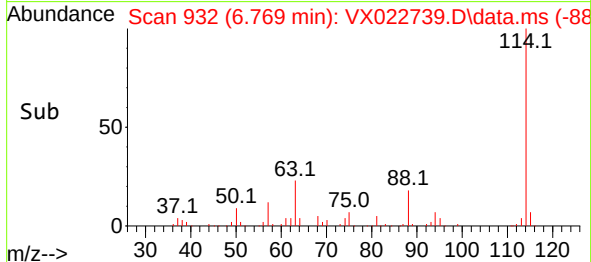
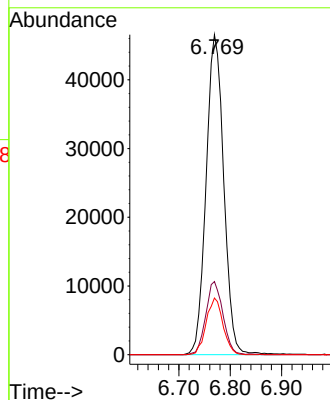
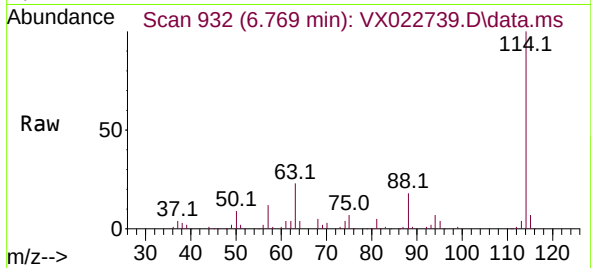




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

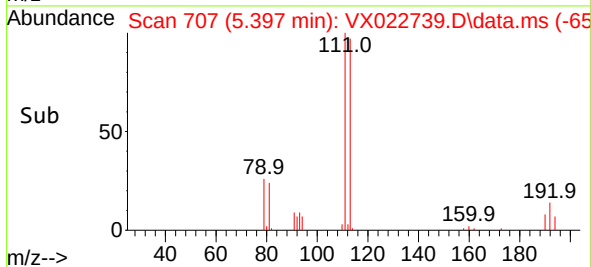
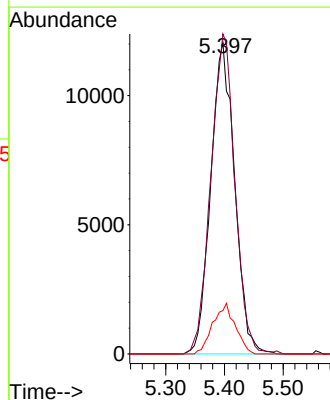
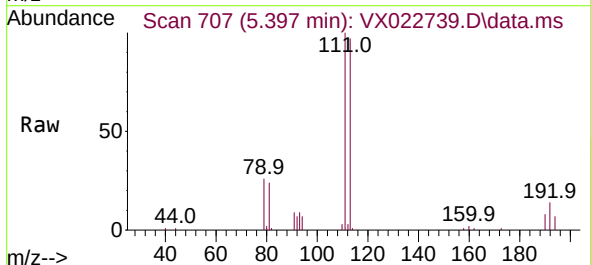
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20210616

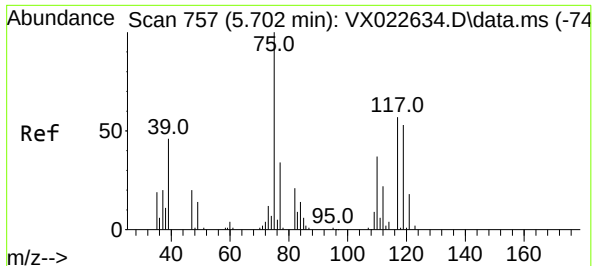
Tgt Ion:114 Resp: 111001
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 17.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.07 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion:113 Resp: 34046
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 15.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022739.D

Acq: 17 Jun 2021 14:41

Tgt Ion: 75 Resp: 5588

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

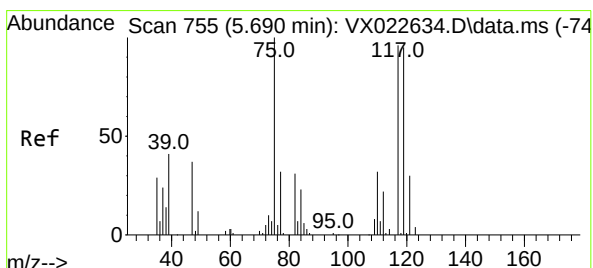
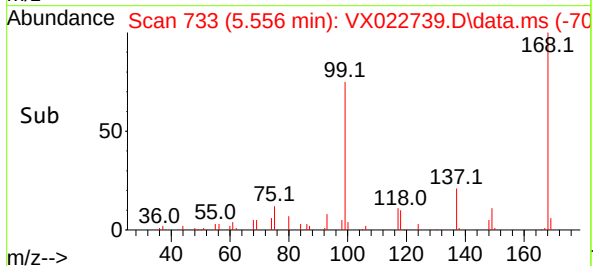
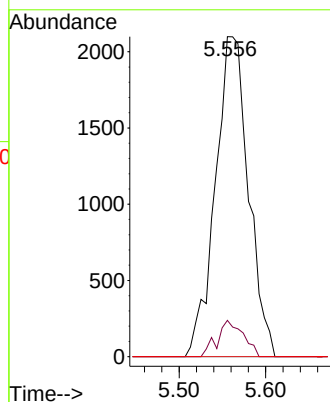
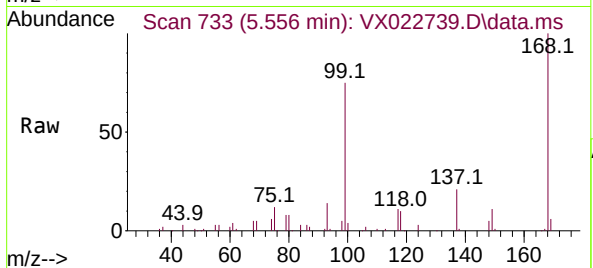
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

MW178I-20210616



#38

Carbon Tetrachloride

Concen: 6.76 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022739.D

Acq: 17 Jun 2021 14:41

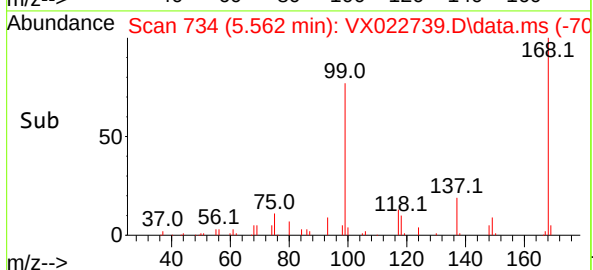
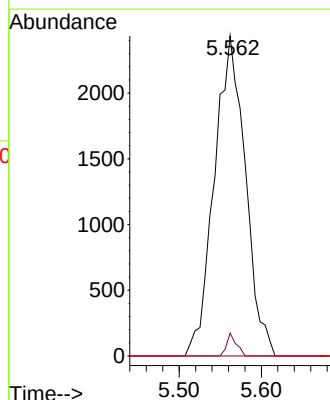
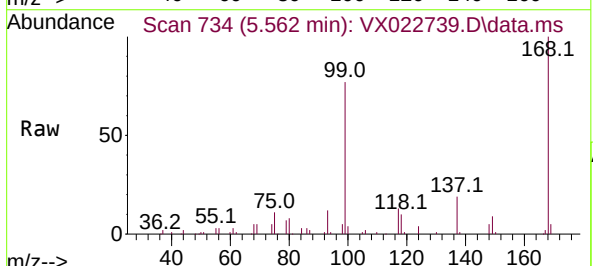
Tgt Ion: 117 Resp: 6395

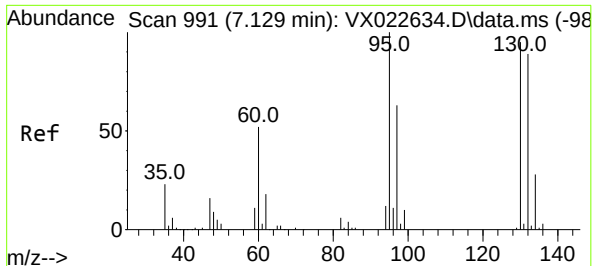
Ion Ratio Lower Upper

117 100

119 7.1 76.2 114.2#

121 0.0 24.8 37.2#

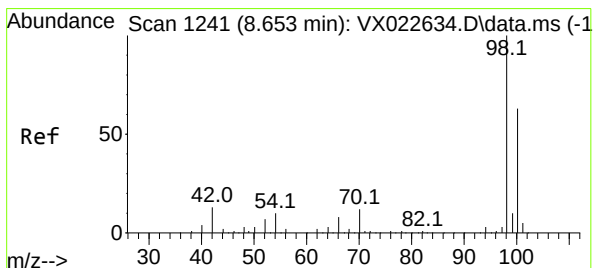
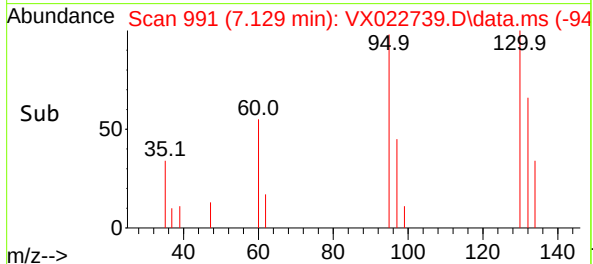
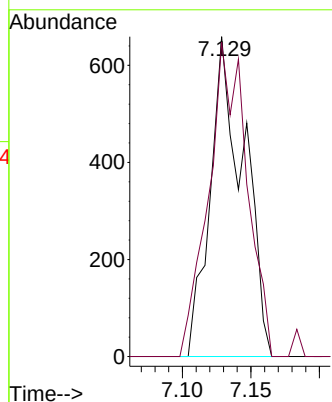
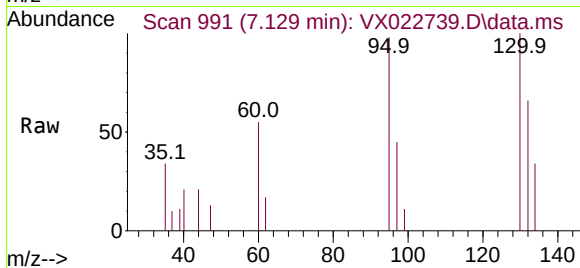




#44
Trichloroethene
Concen: 1.46 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

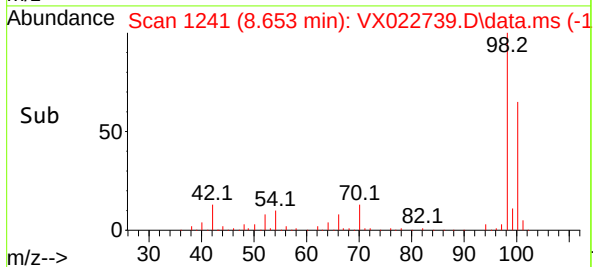
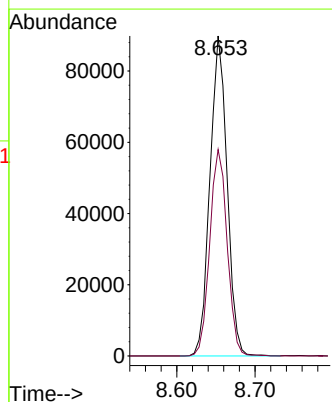
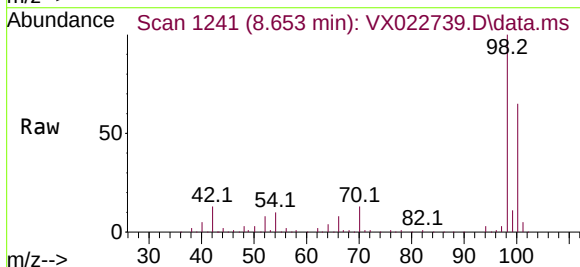
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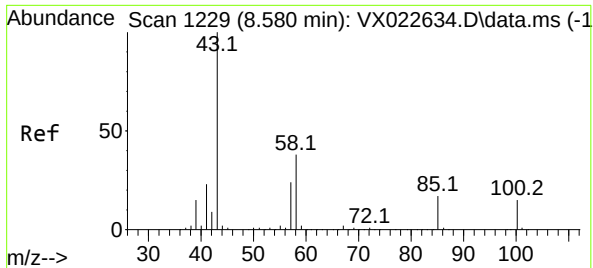
Tgt Ion:130 Resp: 1130
Ion Ratio Lower Upper
130 100
95 98.2 0.0 198.0



#50
Toluene-d8
Concen: 48.91 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion: 98 Resp: 136546
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

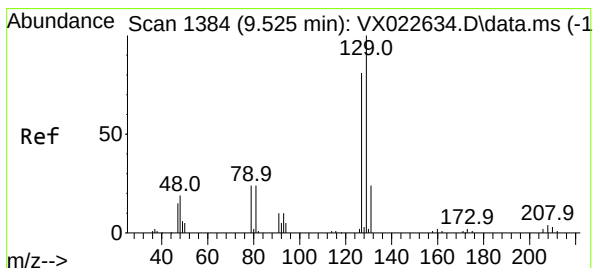
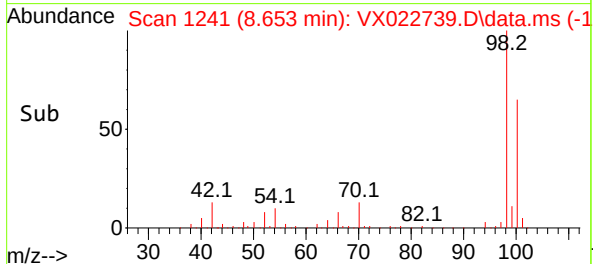
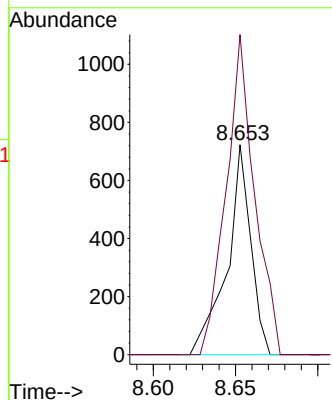
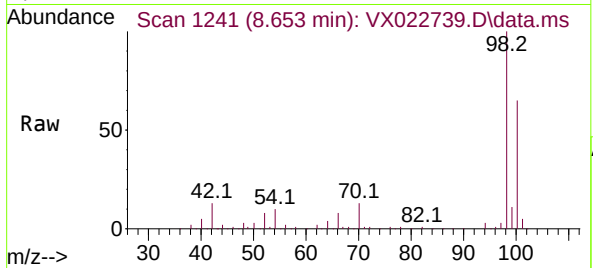




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

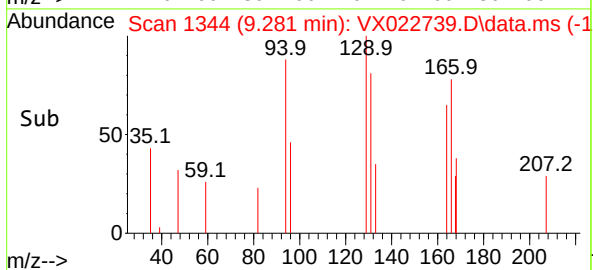
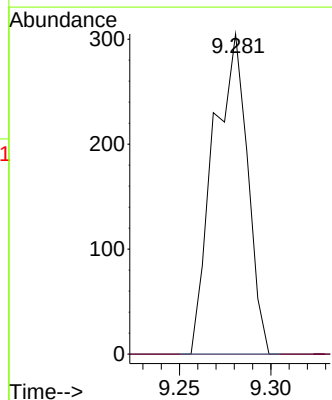
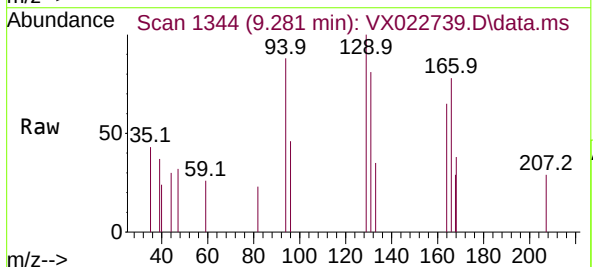
Instrument :
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MW178I-20210616

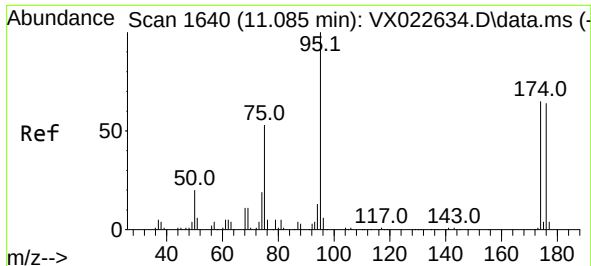
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 182.6 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.62 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion: 129 Resp: 398
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

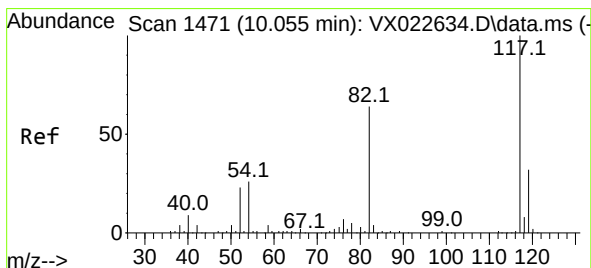
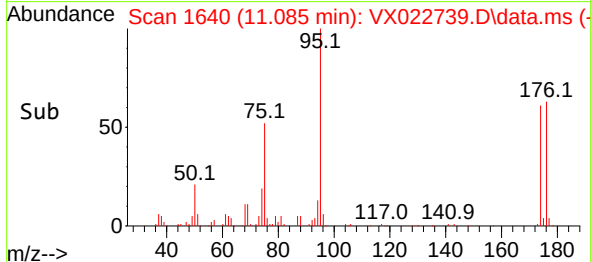
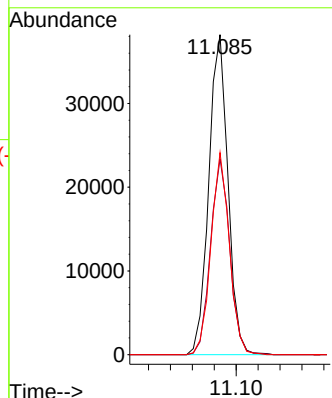
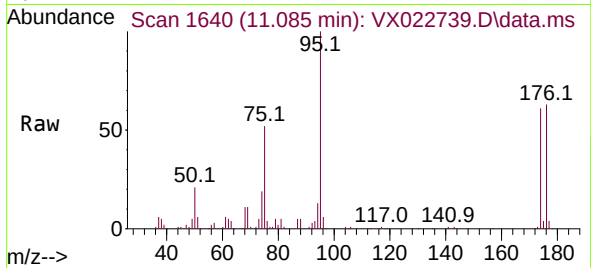




#62
4-Bromofluorobenzene
Concen: 43.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

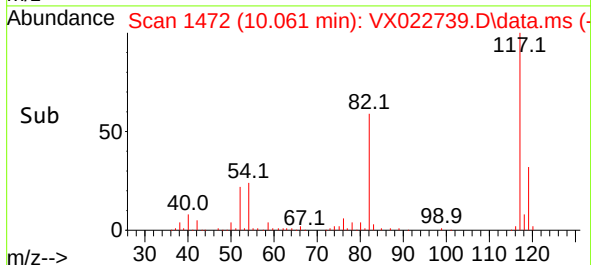
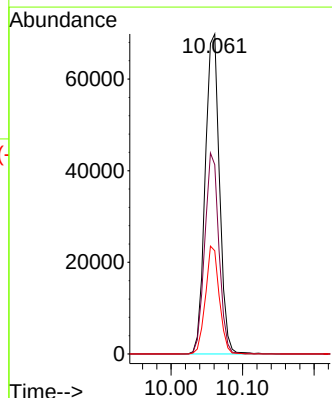
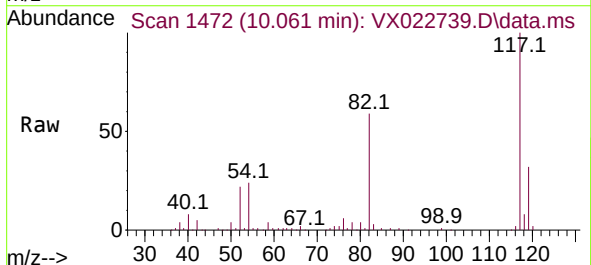
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20210616

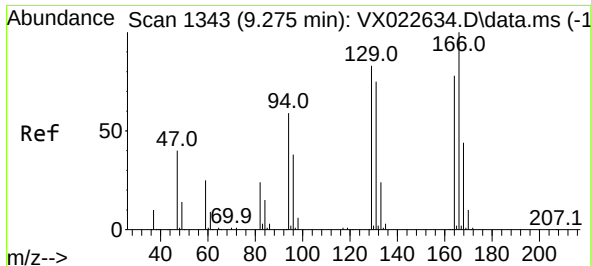
Tgt Ion: 95 Resp: 46409
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 60.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion: 117 Resp: 97075
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.2 26.6 39.8



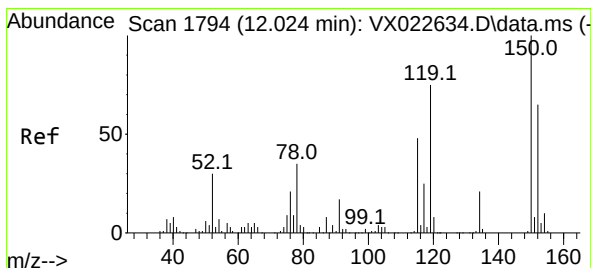
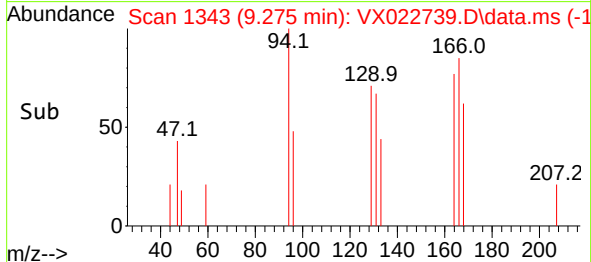
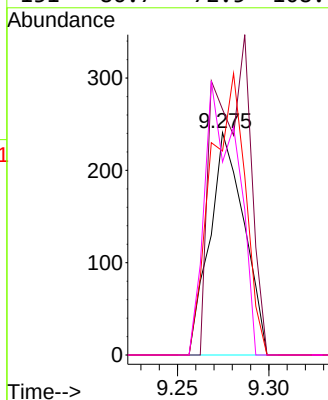
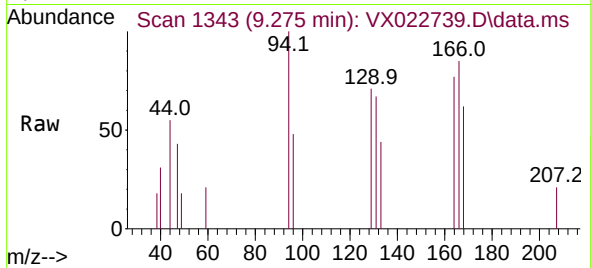


#64
Tetrachloroethene
Concen: 0.51 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20210616

Tgt Ion:164 Resp: 316

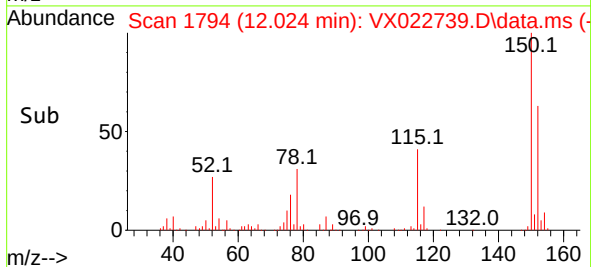
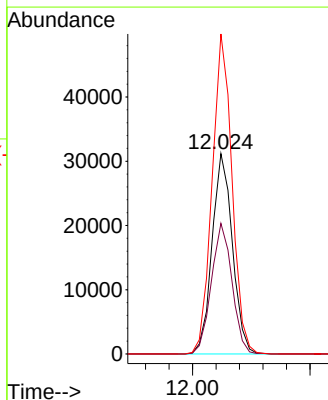
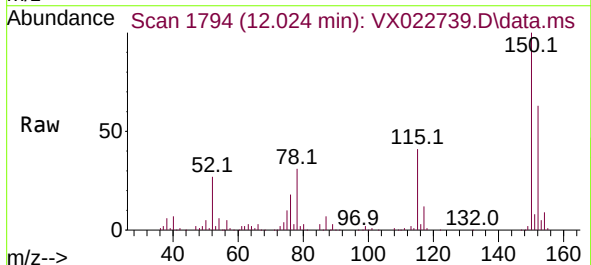
Ion	Ratio	Lower	Upper
164	100		
166	110.4	103.4	155.2
129	91.7	70.8	106.2
131	86.7	72.5	108.7

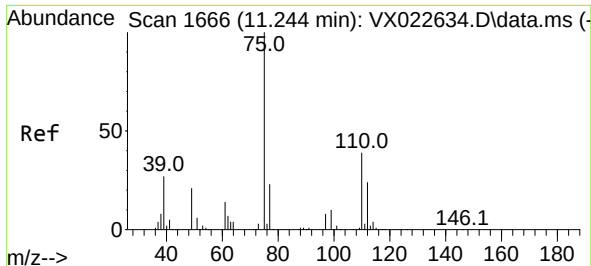


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion:152 Resp: 37499

Ion	Ratio	Lower	Upper
152	100		
115	66.2	41.1	123.3
150	156.1	0.0	349.0

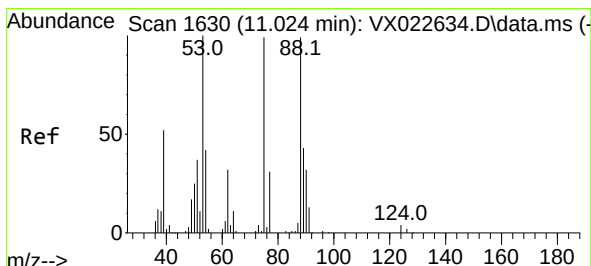
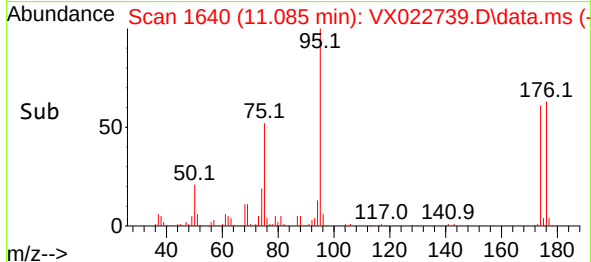
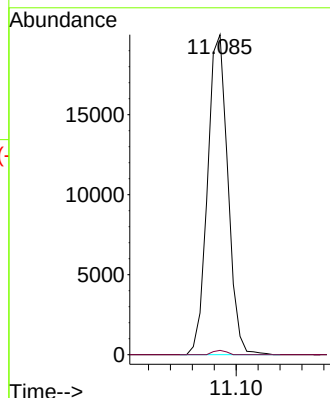
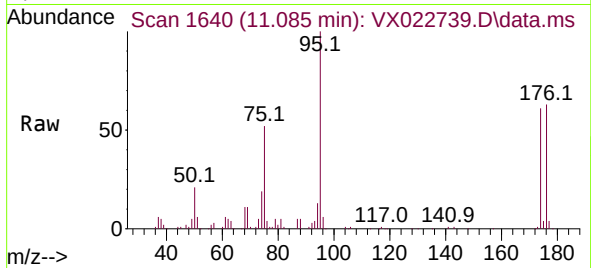




#76
1,2,3-Trichloropropane
Concen: 25.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20210616

Tgt Ion: 75 Resp: 25689
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.86 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022739.D
Acq: 17 Jun 2021 14:41

Tgt Ion: 75 Resp: 25689
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

