

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022207.D
 Acq On : 26 May 2021 19:03
 Operator : JC/MD
 Sample : M2526-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20210525

Quant Time: May 27 04:08:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

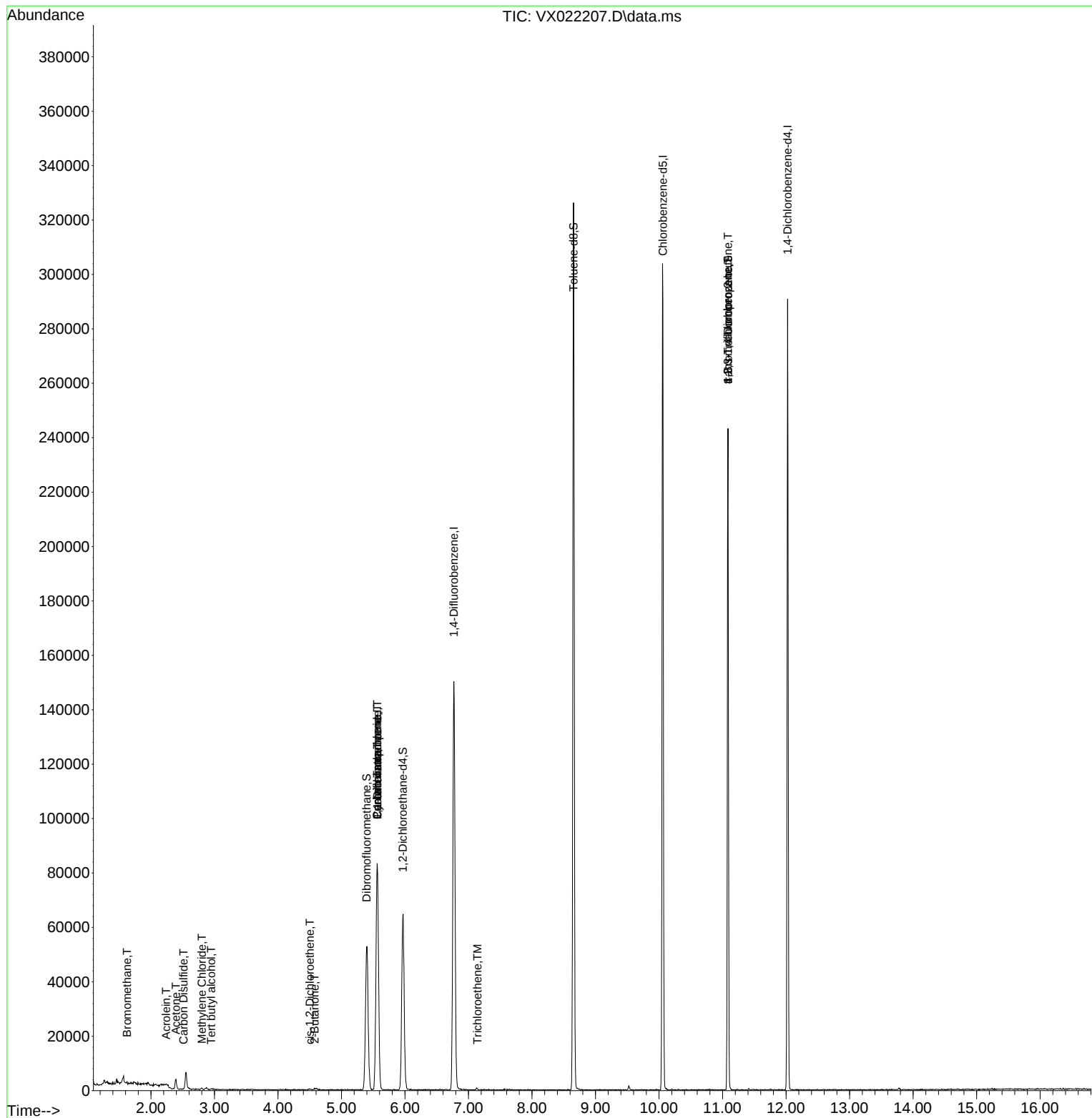
Internal Standards						
1) Pentafluorobenzene	5.562	168	72751	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	151399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	133518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58843	52.43	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	104.86%	
35) Dibromofluoromethane	5.397	113	46427	48.36	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	96.72%	
50) Toluene-d8	8.653	98	184940	50.01	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.085	95	65474	47.90	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	95.80%	
Target Compounds						
						Qvalue
5) Bromomethane	1.623	94	200	0.34	ug/l	# 75
11) Tert butyl alcohol	2.946	59	162	0.63	ug/l	# 73
13) Acrolein	2.239	56	201	1.18	ug/l	# 75
16) Acetone	2.392	43	3550	7.26	ug/l	92
17) Carbon Disulfide	2.514	76	447	0.20	ug/l	# 75
20) Methylene Chloride	2.800	84	237	0.22	ug/l	# 81
25) 2-Butanone	4.574	43	277	0.35	ug/l	# 45
27) cis-1,2-Dichloroethene	4.501	96	258	0.23	ug/l	# 61
31) Cyclohexane	5.562	56	1981	1.40	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6468	4.62	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	8283	6.05	ug/l	# 17
44) Trichloroethene	7.141	130	257	0.24	ug/l	52
76) 1,2,3-Trichloropropane	11.085	75	32967	25.57	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	32967	60.58	ug/l	# 12

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

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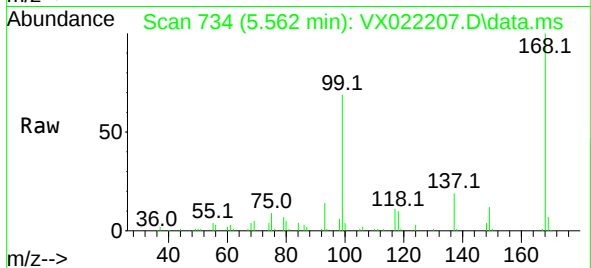
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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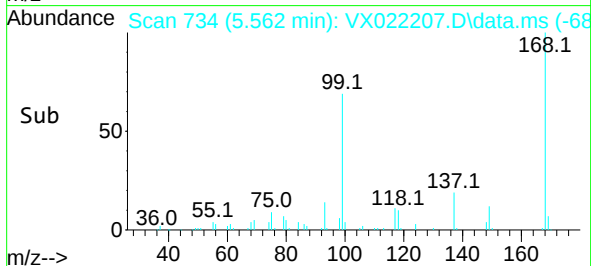
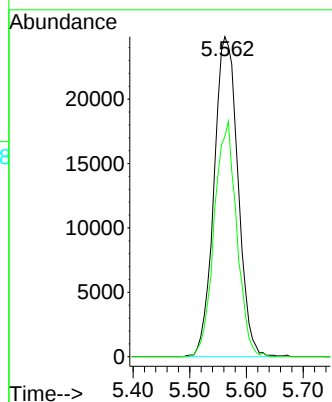


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

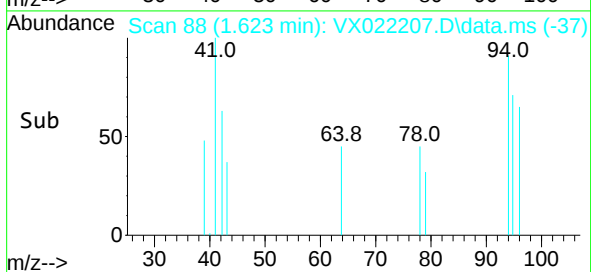
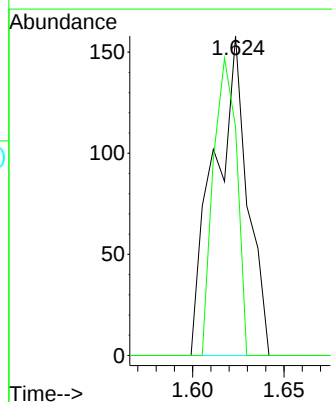
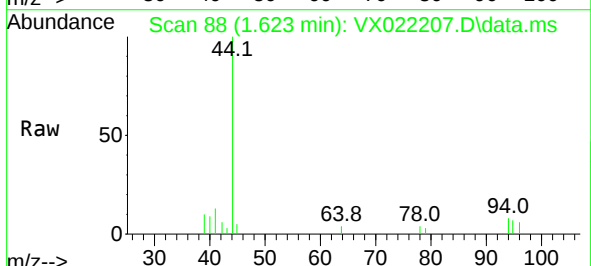


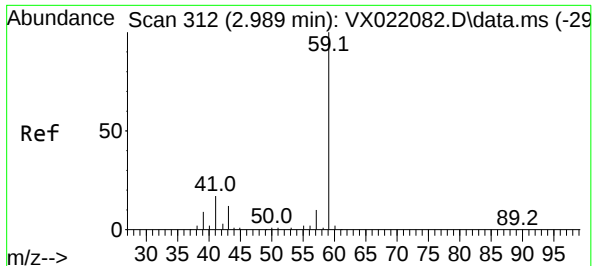
Tgt Ion:168 Resp: 72751
Ion Ratio Lower Upper
168 100
99 68.8 45.8 68.6#



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.011 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 71.5 76.4 114.6#



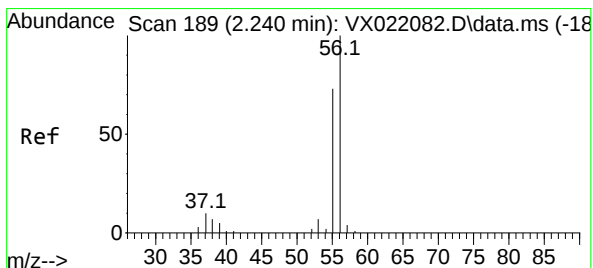
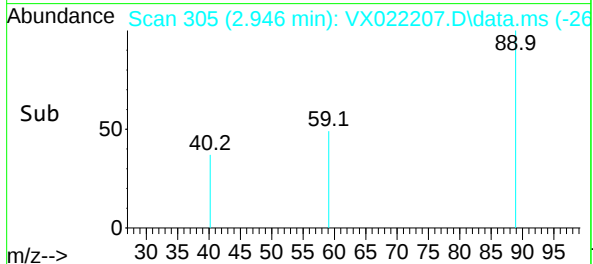
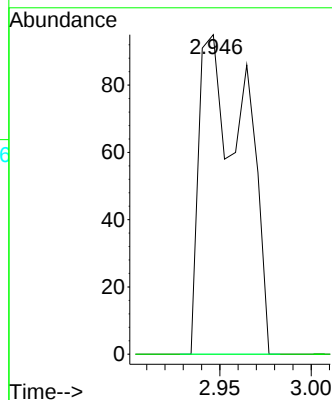
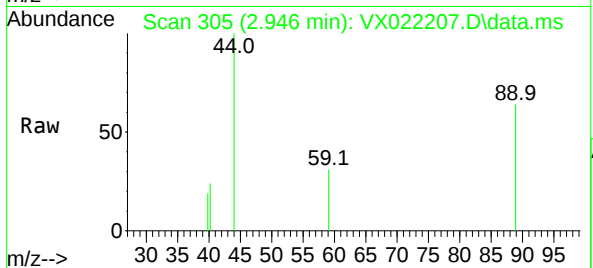


#11

Tert butyl alcohol
Concen: 0.63 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

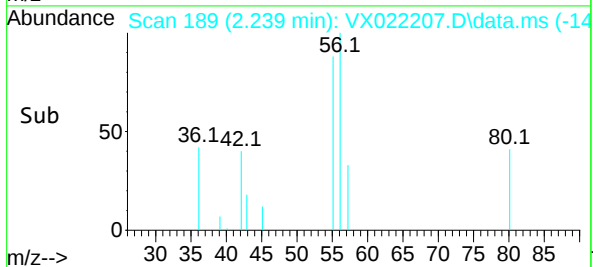
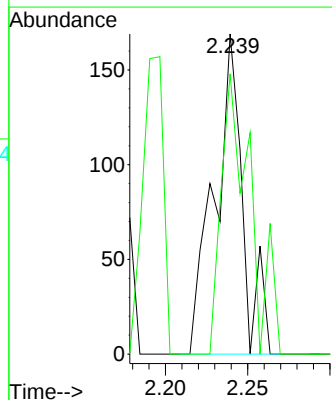
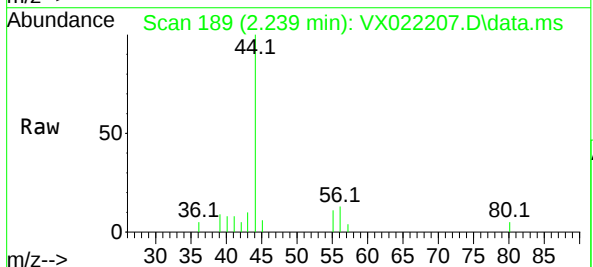
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

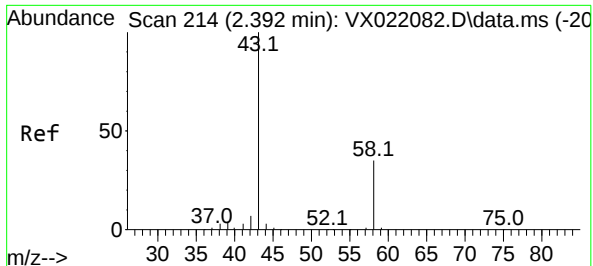


#13

Acrolein
Concen: 1.18 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
55 91.0 56.4 84.6#

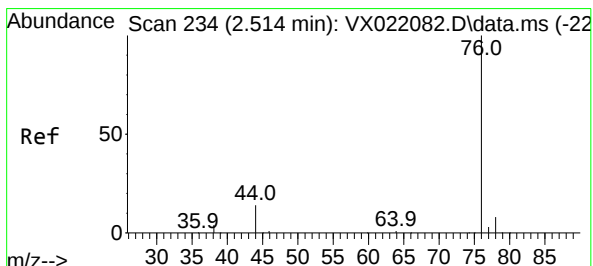
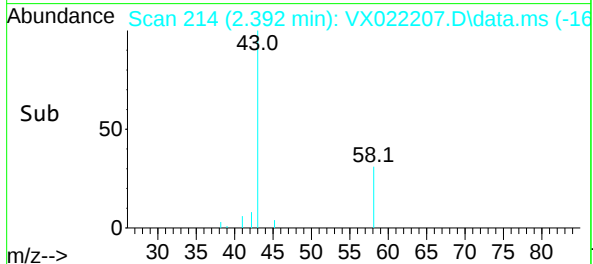
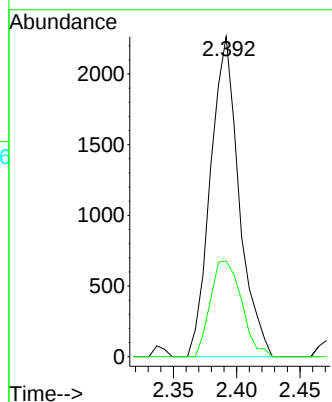
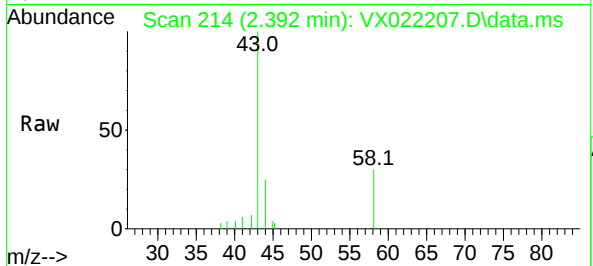




#16
Acetone
Concen: 7.26 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

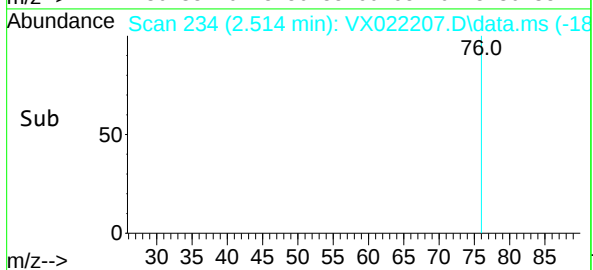
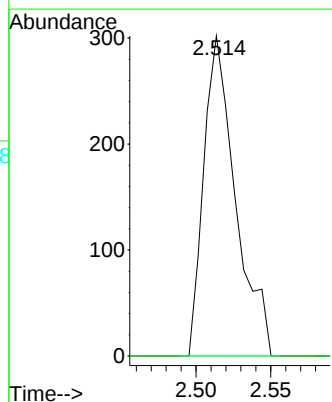
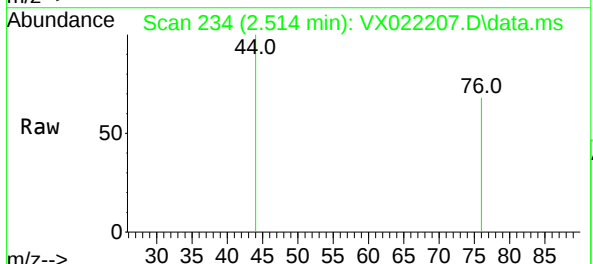
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

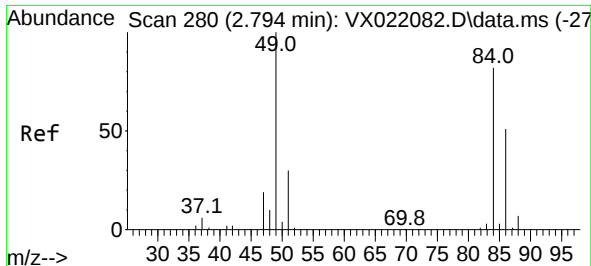
Tgt Ion: 43 Resp: 3550
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

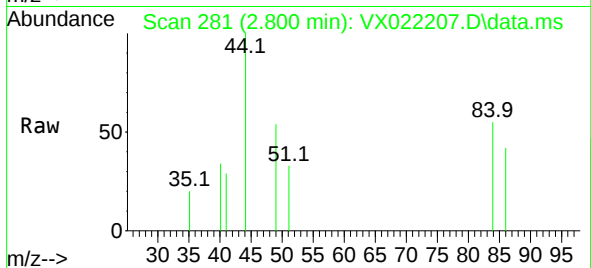
Tgt Ion: 76 Resp: 447
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





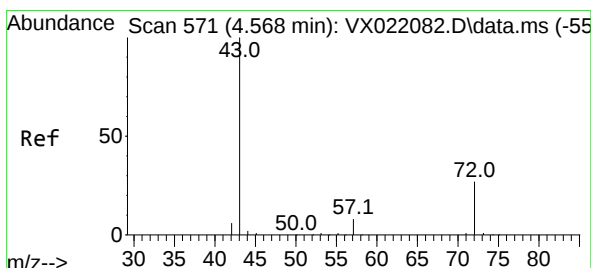
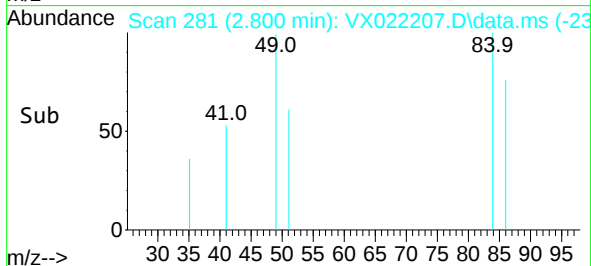
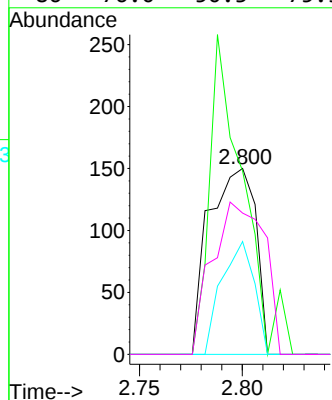
#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525



Tgt Ion: 84 Resp: 237

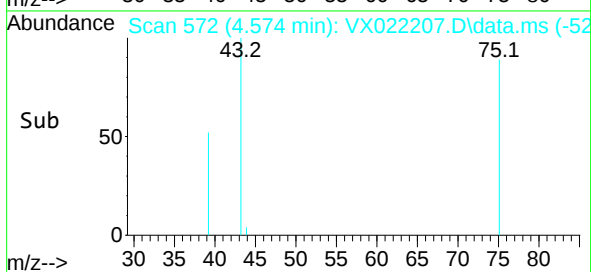
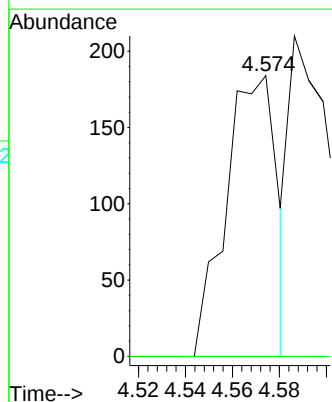
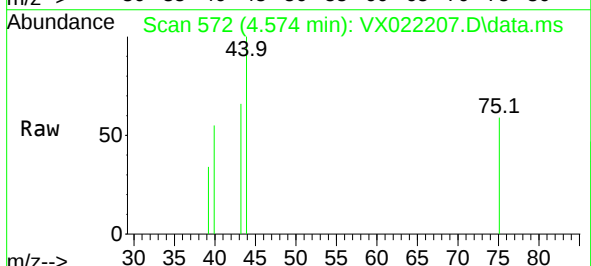
Ion	Ratio	Lower	Upper
84	100		
49	98.7	88.6	132.8
51	60.7	27.0	40.6#
86	76.0	50.3	75.5#

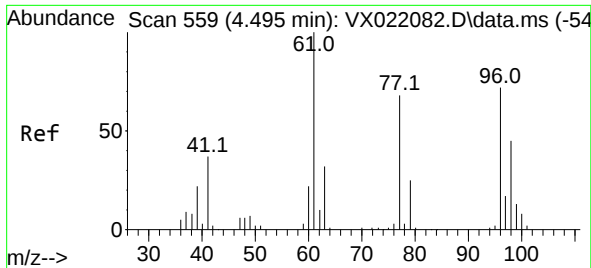


#25
2-Butanone
Concen: 0.35 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion: 43 Resp: 277

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



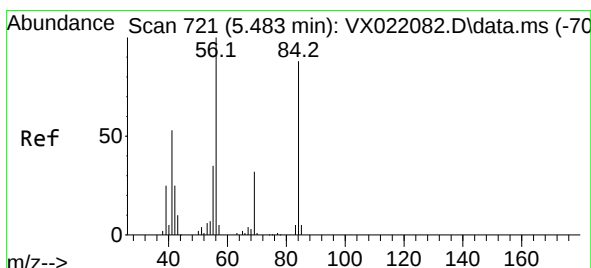
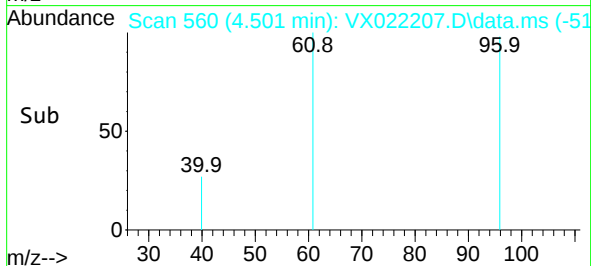
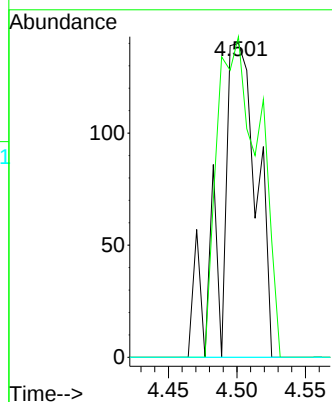
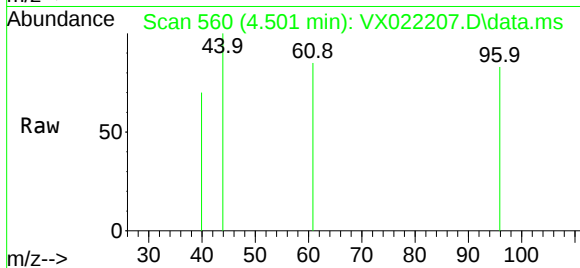


#27
cis-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

Tgt Ion: 96 Resp: 258

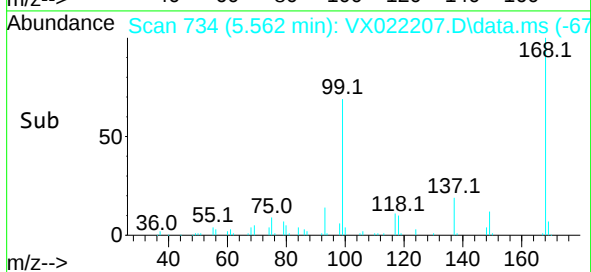
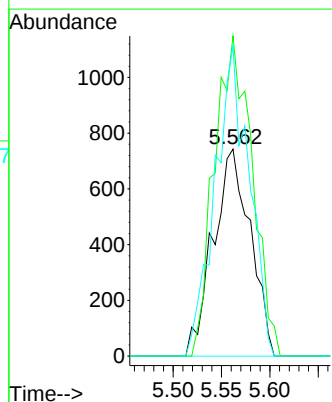
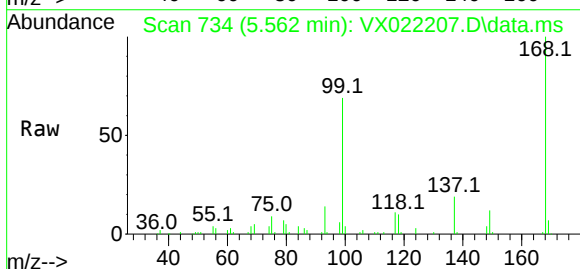
Ion	Ratio	Lower	Upper
96	100		
61	118.2	0.0	285.6
98	0.0	0.0	129.6

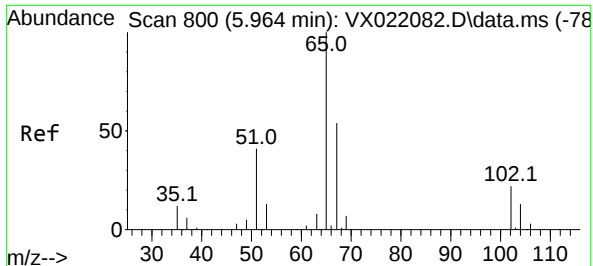


#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion: 56 Resp: 1981

Ion	Ratio	Lower	Upper
56	100		
69	154.6	25.3	37.9#
84	149.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.43 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022207.D

Acq: 26 May 2021 19:03

Tgt Ion: 65 Resp: 58843

Ion Ratio Lower Upper

65 100

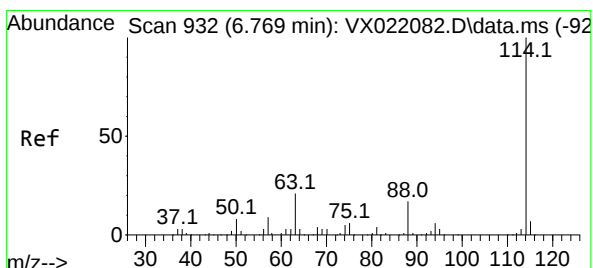
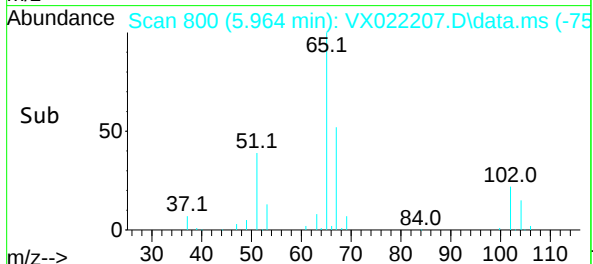
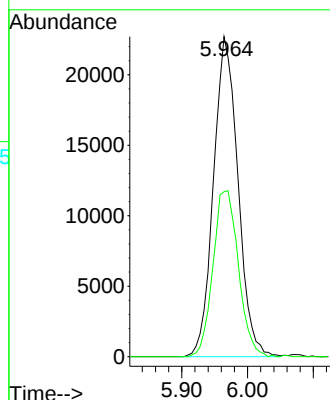
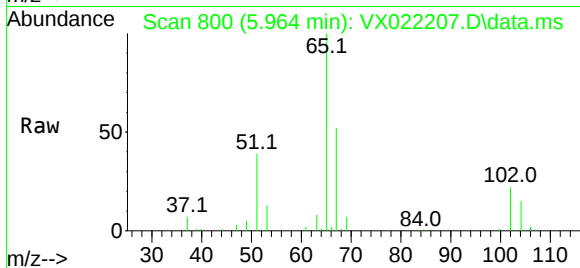
67 53.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

MH-140B-20210525



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022207.D

Acq: 26 May 2021 19:03

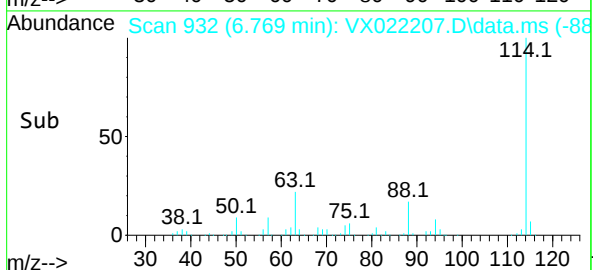
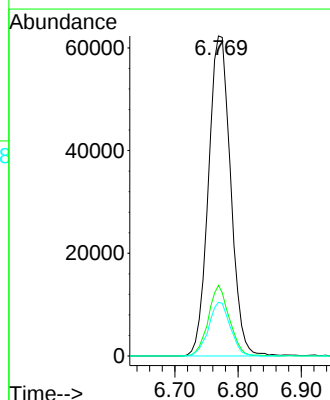
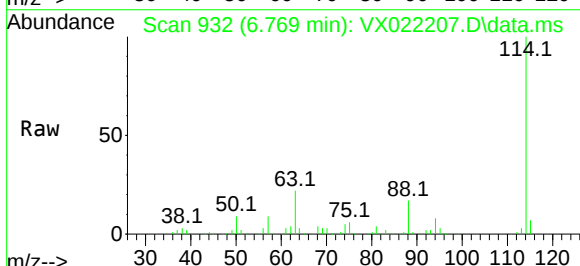
Tgt Ion: 114 Resp: 151399

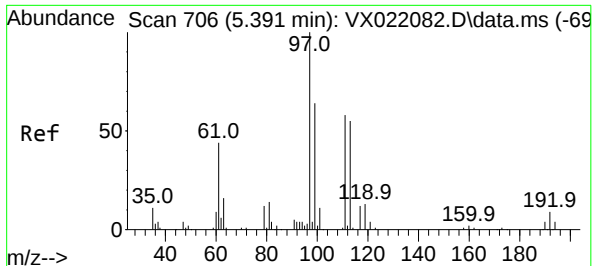
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.8

88 16.7 0.0 32.8

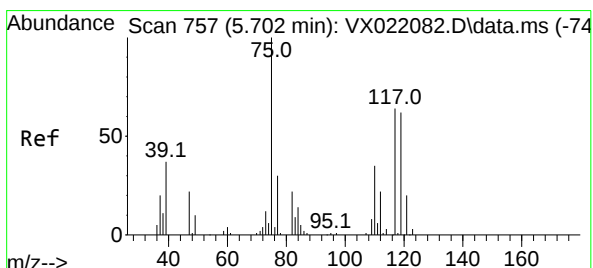
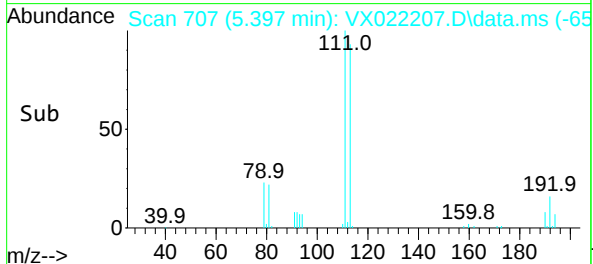
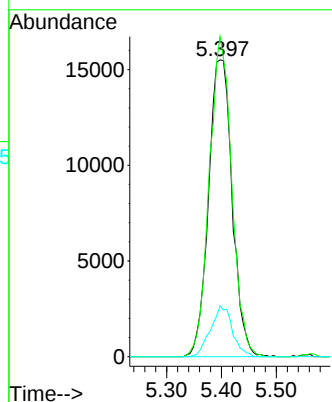
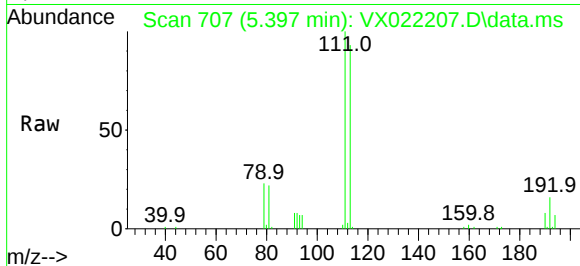




#35
Dibromofluoromethane
Concen: 48.36 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

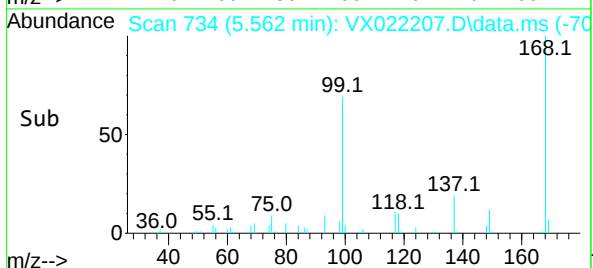
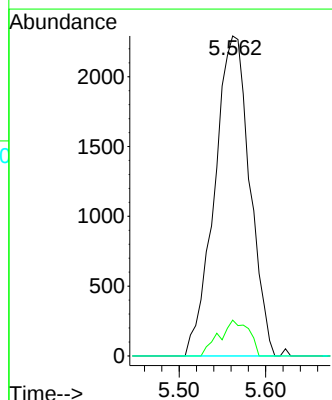
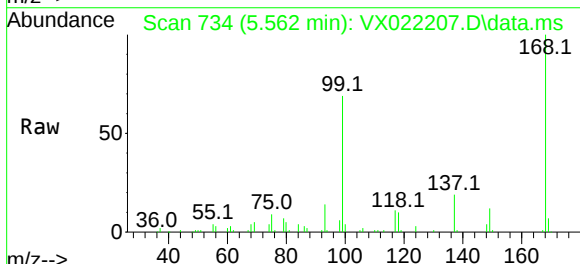
Instrument :
MSVOA_X
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MH-140B-20210525

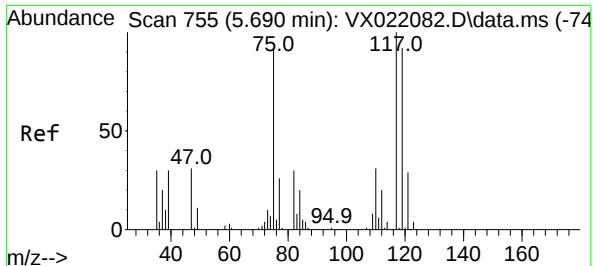
Tgt Ion:113 Resp: 46427
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 15.8 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

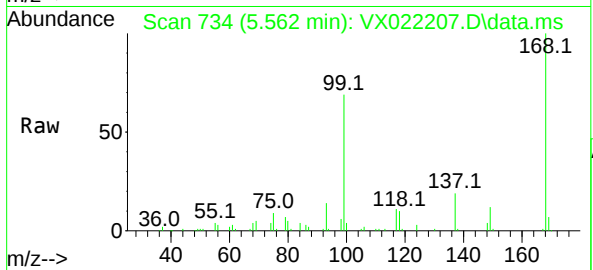
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Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



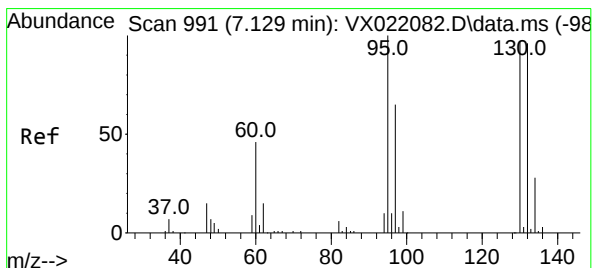
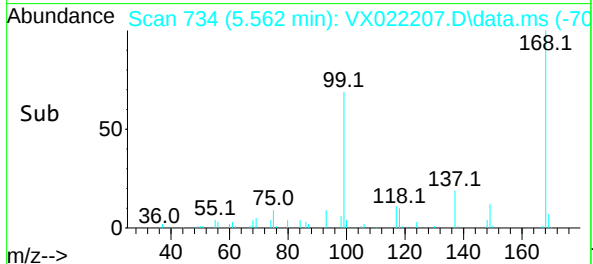
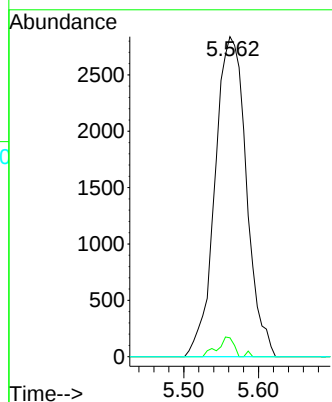


#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

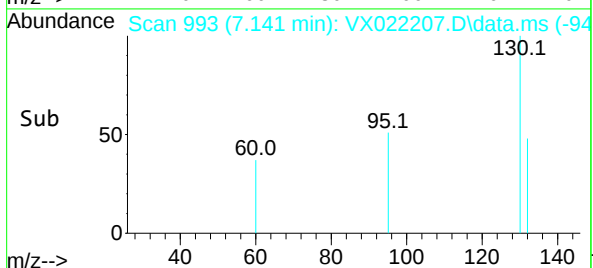
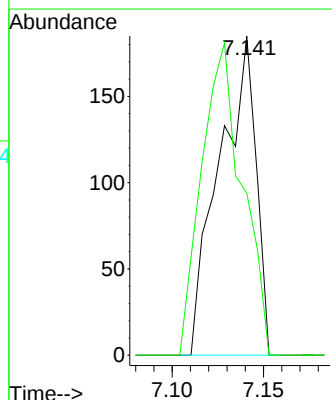
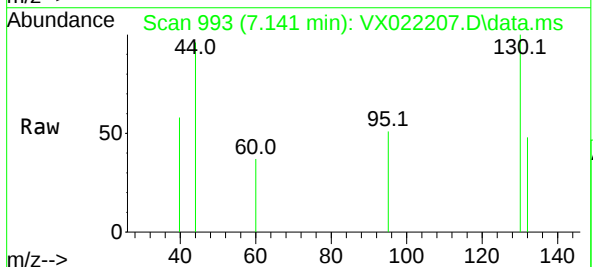


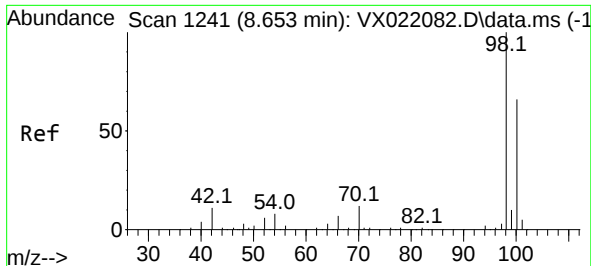
Tgt Ion:117 Resp: 8283
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.24 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion:130 Resp: 257
Ion Ratio Lower Upper
130 100
95 50.8 0.0 198.0

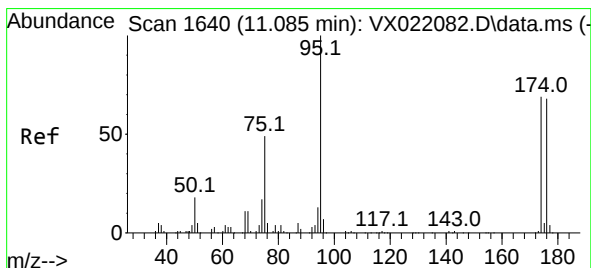
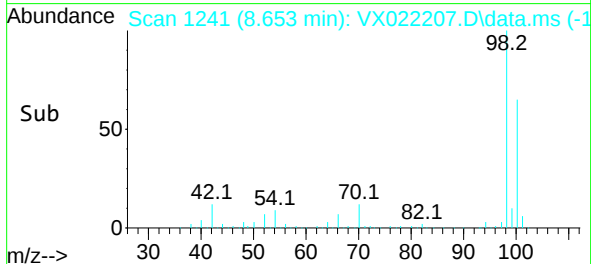
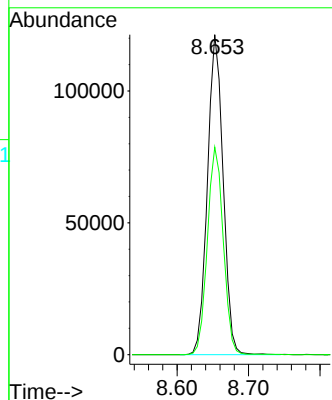
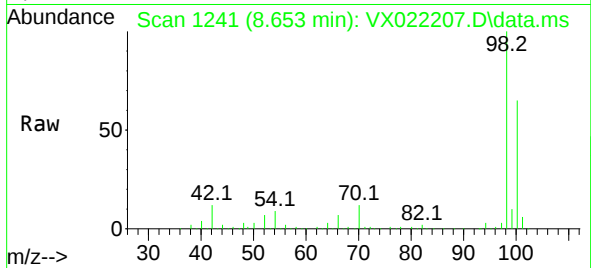




#50
Toluene-d8
Concen: 50.01 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

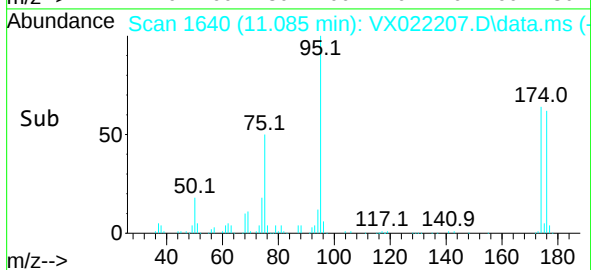
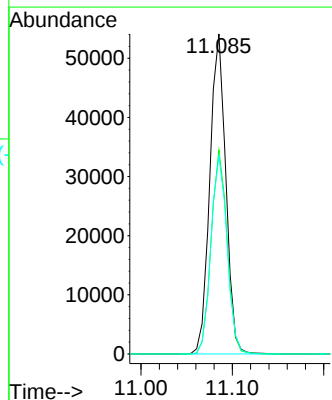
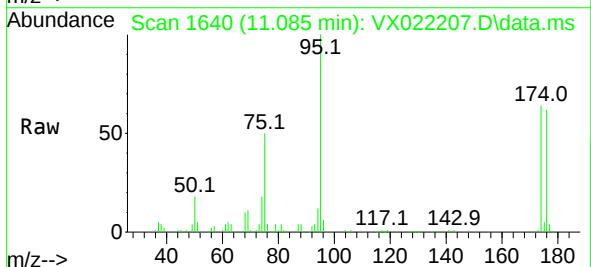
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

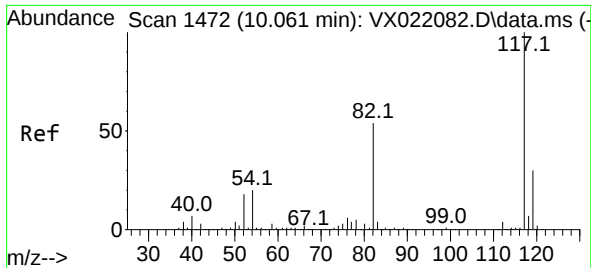
Tgt Ion: 98 Resp: 184940
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.90 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion: 95 Resp: 65474
Ion Ratio Lower Upper
95 100
174 63.6 0.0 154.6
176 62.3 0.0 155.8

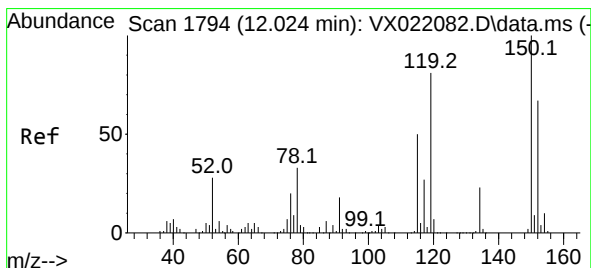
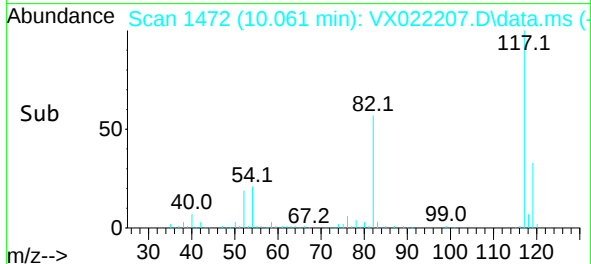
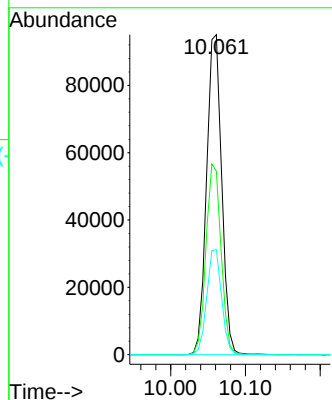
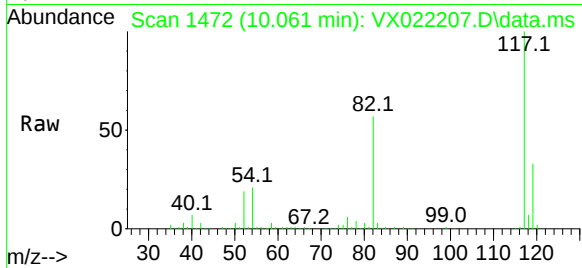




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

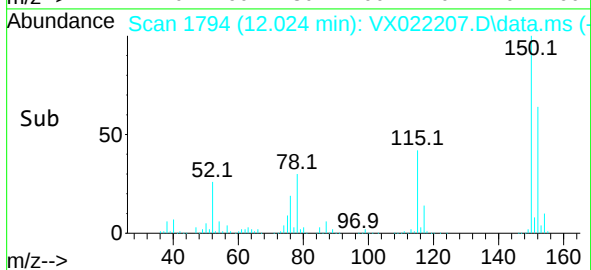
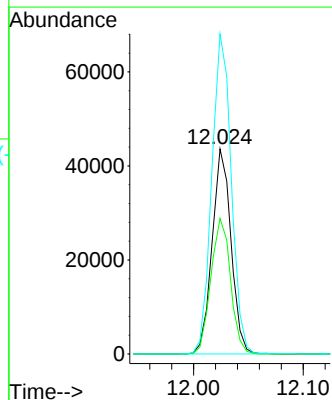
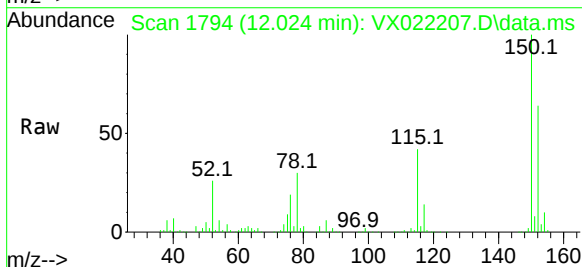
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

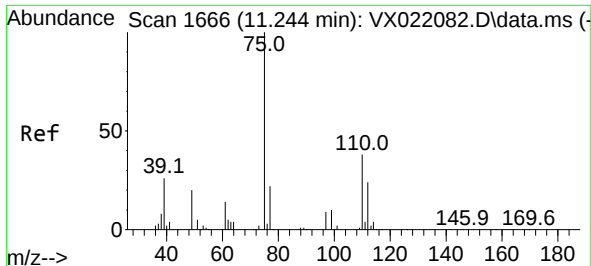
Tgt Ion:117 Resp: 133518
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion:152 Resp: 52263
Ion Ratio Lower Upper
152 100
115 68.4 41.1 123.3
150 160.7 0.0 349.0

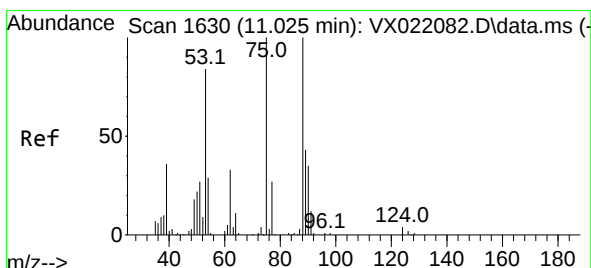
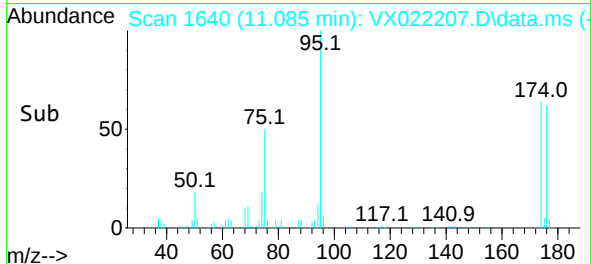
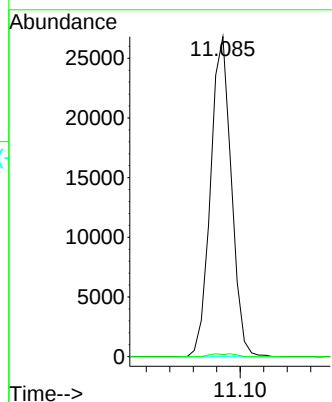
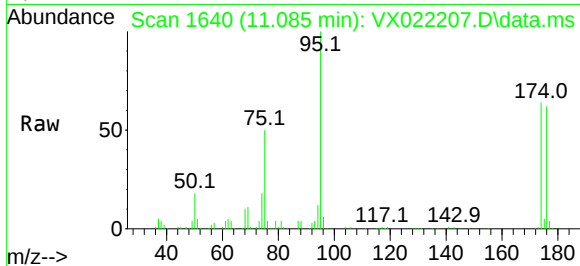




#76
1,2,3-Trichloropropane
Concen: 25.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20210525

Tgt Ion: 75 Resp: 32967
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.58 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022207.D
Acq: 26 May 2021 19:03

Tgt Ion: 75 Resp: 32967
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

