

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021061.D
 Acq On : 08 Mar 2021 15:20
 Operator : JC/MD
 Sample : M1596-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117T-20210305

Quant Time: Mar 09 01:05:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

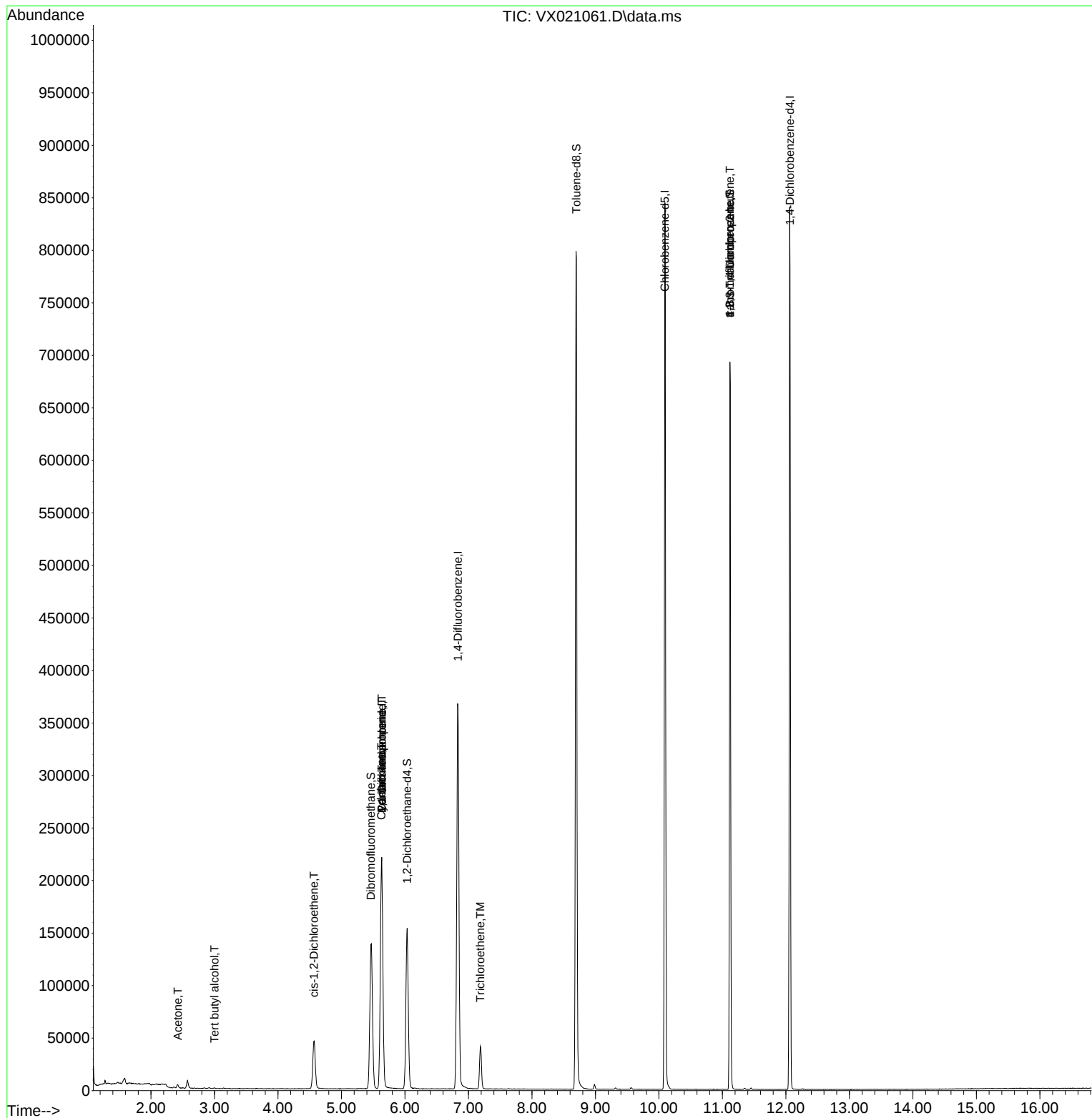
Internal Standards						
1) Pentafluorobenzene	5.635	168	217483	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	402487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	396147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	183434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	143785	48.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.90%		
35) Dibromofluoromethane	5.464	113	125172	51.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.38%		
50) Toluene-d8	8.700	98	509231	53.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.82%		
62) 4-Bromofluorobenzene	11.118	95	194503	55.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.34%		
Target Compounds						
5) Bromomethane	1.634	94	275	Below Cal	#	63
11) Tert butyl alcohol	2.999	59	389	0.59 ug/l	#	73
16) Acetone	2.423	43	3690	3.05 ug/l		97
27) cis-1,2-Dichloroethene	4.564	96	30869	9.80 ug/l		87
31) Cyclohexane	5.629	56	4128	0.97 ug/l	#	1
36) 1,1-Dichloropropene	5.635	75	16547	4.33 ug/l	#	48
38) Carbon Tetrachloride	5.635	117	19934	5.38 ug/l	#	17
44) Trichloroethene	7.188	130	16413	5.44 ug/l		91
76) 1,2,3-Trichloropropane	11.118	75	92706	23.49 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	92706	52.01 ug/l	#	12

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

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QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

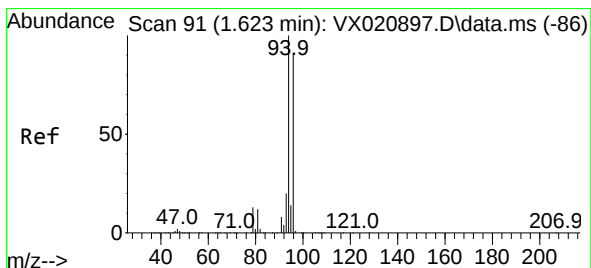
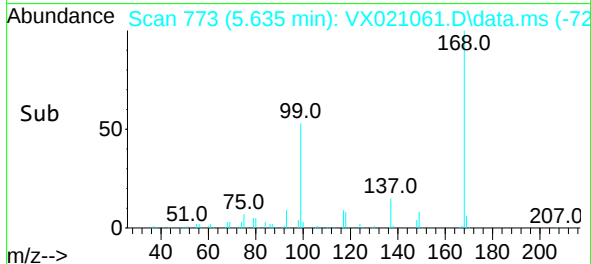
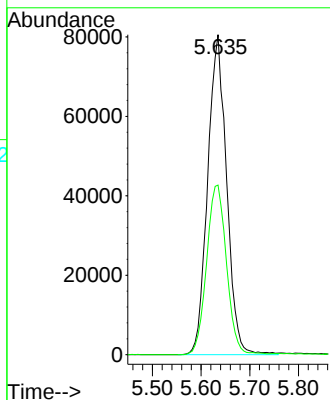
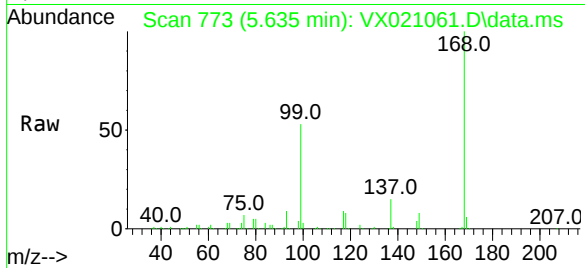




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

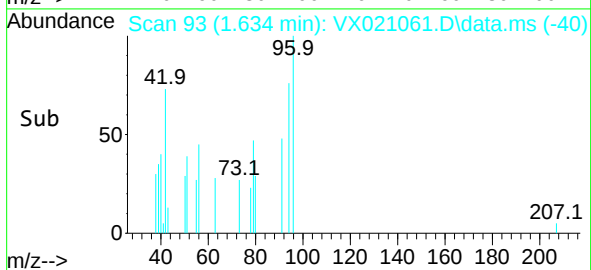
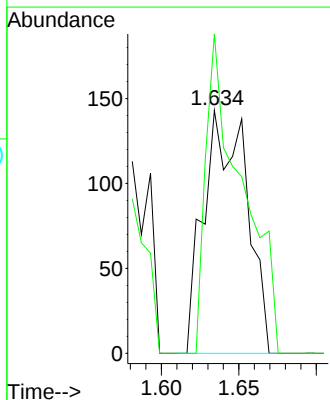
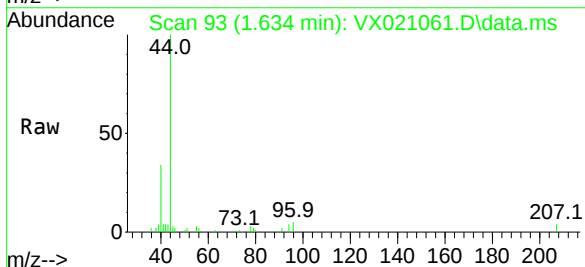
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210305

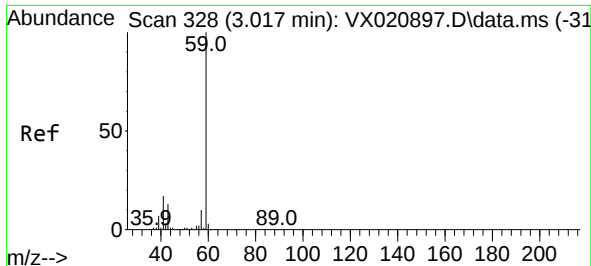
Tgt Ion:168 Resp: 217483
Ion Ratio Lower Upper
168 100
99 53.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 131.5 76.4 114.6#

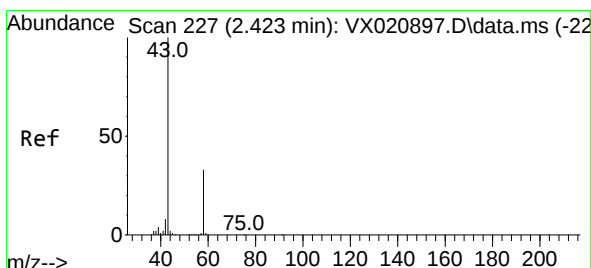
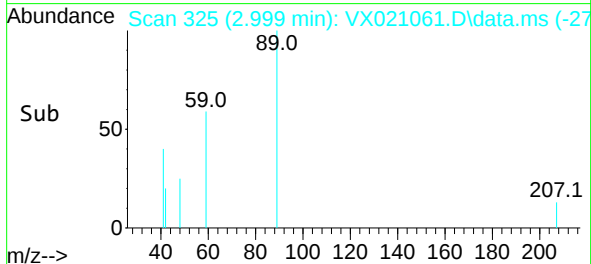
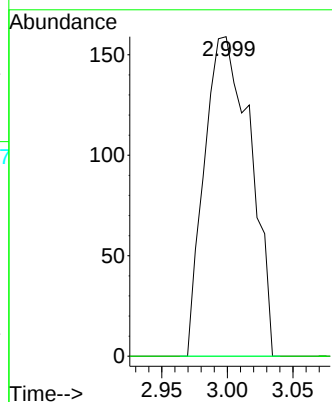
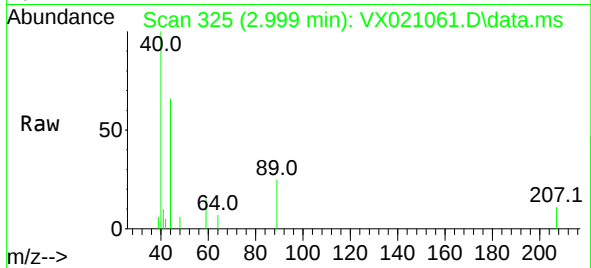




#11
Tert butyl alcohol
Concen: 0.59 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

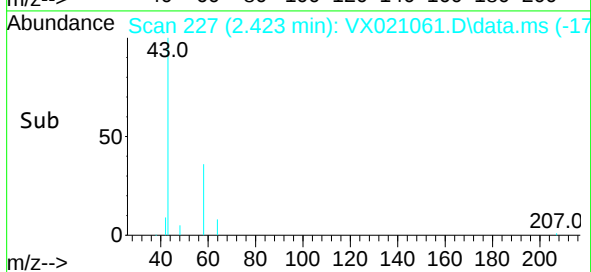
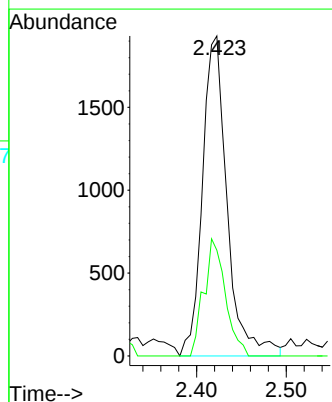
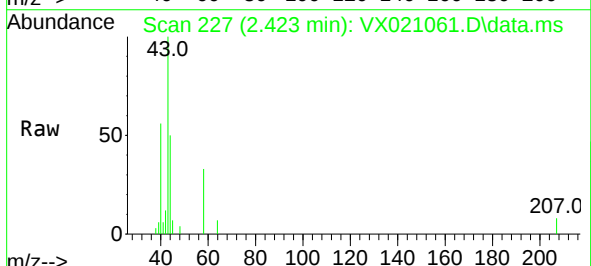
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210305

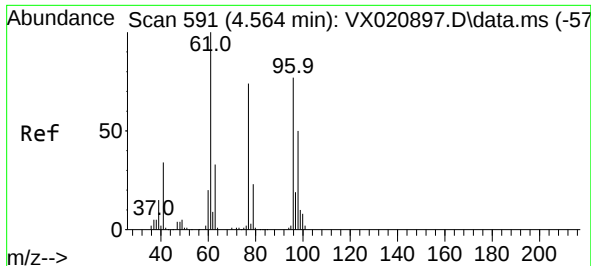
Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.05 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

Tgt Ion: 43 Resp: 3690
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8





#27

cis-1,2-Dichloroethene

Concen: 9.80 ug/l

RT: 4.564 min Scan# 591

Delta R.T. -0.000 min

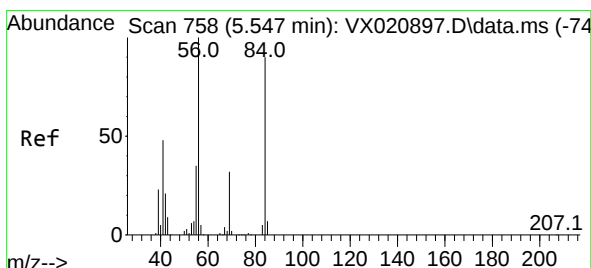
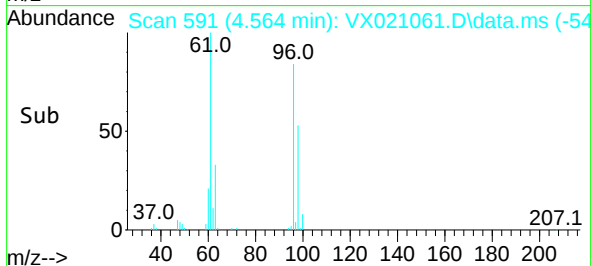
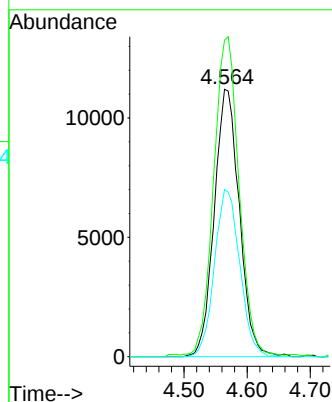
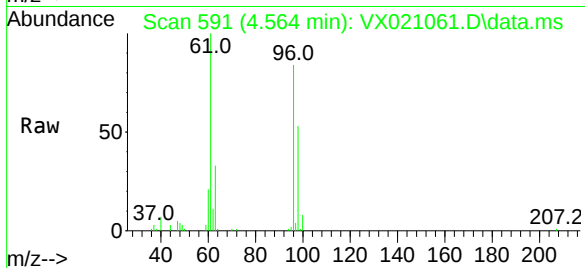
Lab File: VX021061.D

Acq: 08 Mar 2021 15:20

Tgt Ion: 96 Resp: 30869

Ion	Ratio	Lower	Upper
96	100		
61	120.2	0.0	285.6
98	63.1	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210305



#31

Cyclohexane

Concen: 0.97 ug/l

RT: 5.629 min Scan# 772

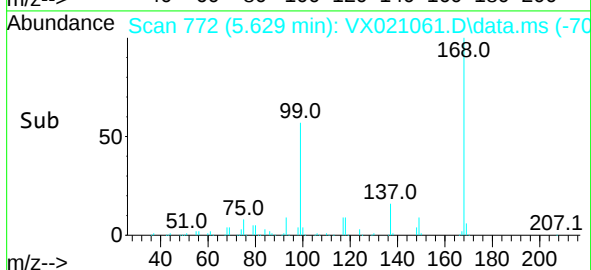
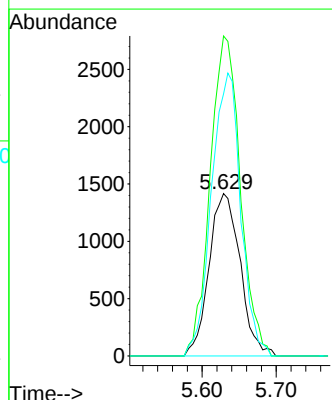
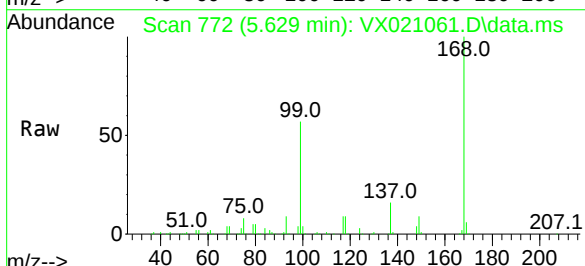
Delta R.T. 0.082 min

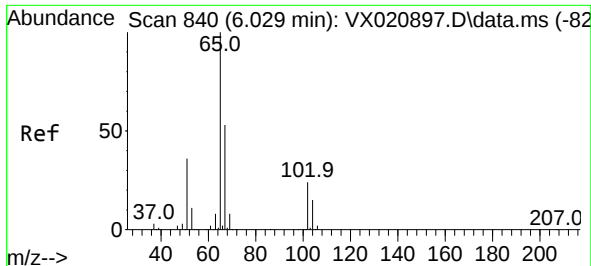
Lab File: VX021061.D

Acq: 08 Mar 2021 15:20

Tgt Ion: 56 Resp: 4128

Ion	Ratio	Lower	Upper
56	100		
69	197.0	25.3	37.9#
84	161.4	71.4	107.0#

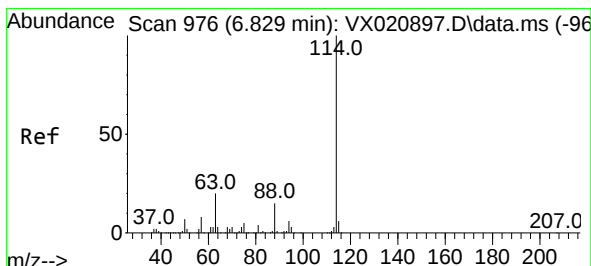
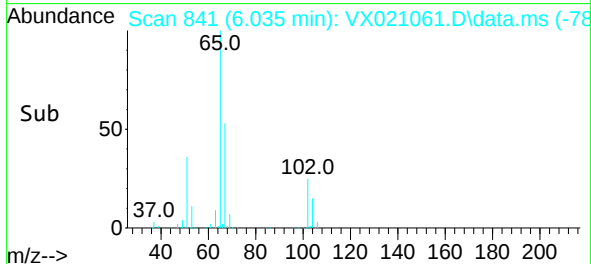
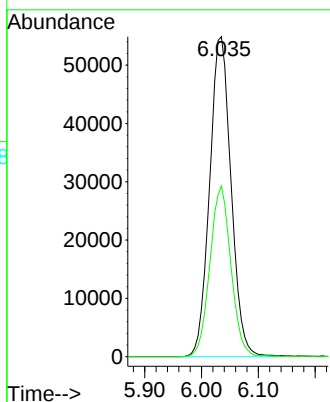
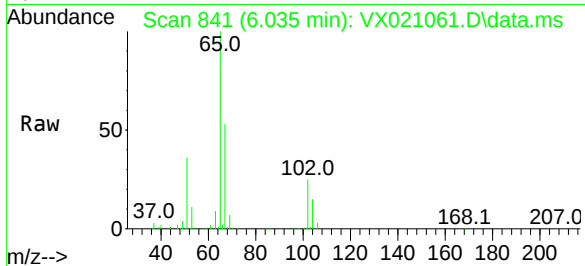




#33
 1,2-Dichloroethane-d4
 Concen: 48.95 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021061.D
 Acq: 08 Mar 2021 15:20

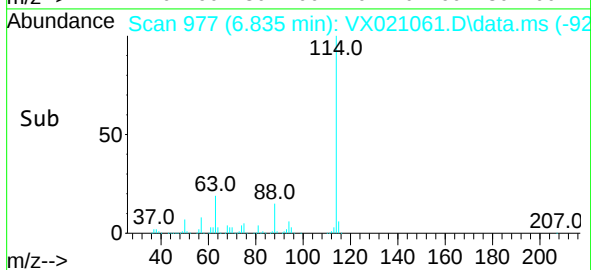
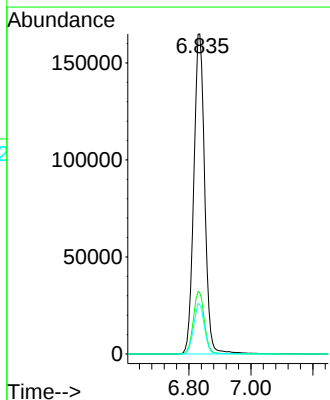
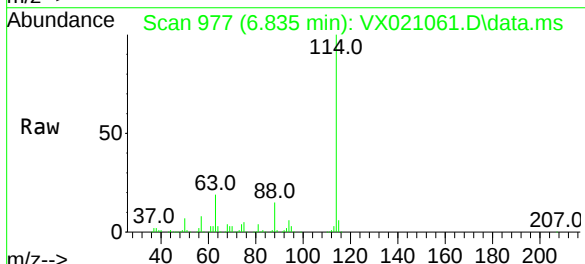
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117T-20210305

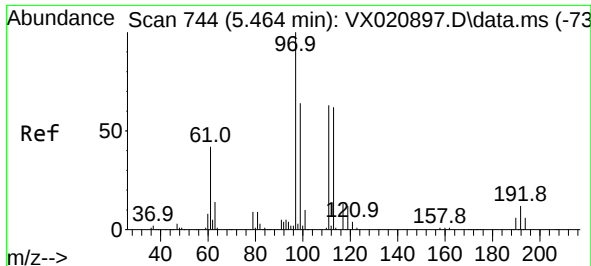
Tgt Ion: 65 Resp: 143785
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.835 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VX021061.D
 Acq: 08 Mar 2021 15:20

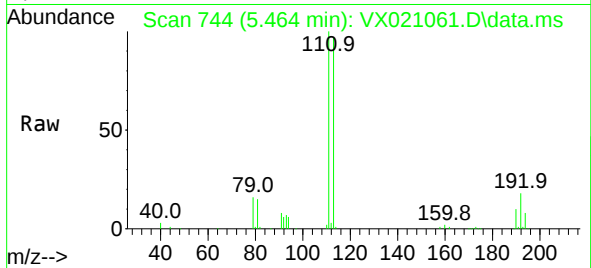
Tgt Ion: 114 Resp: 402487
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 15.3 0.0 32.8



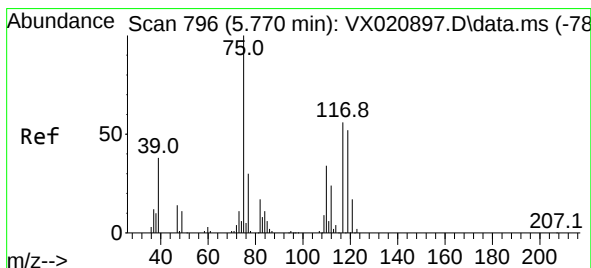
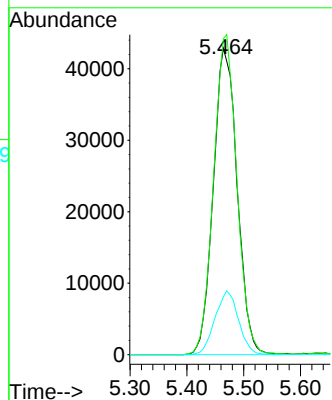
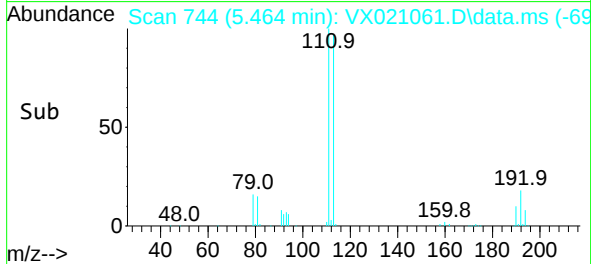


#35
Dibromofluoromethane
Concen: 51.19 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

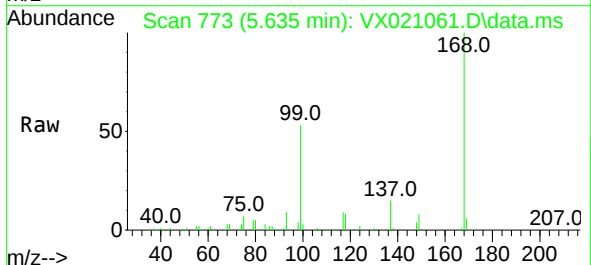
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210305



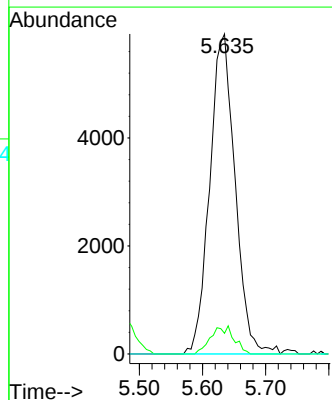
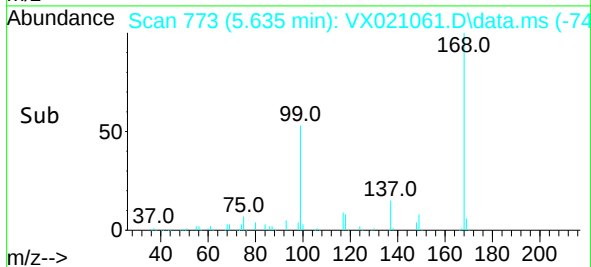
Tgt Ion:113 Resp: 125172
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.5 16.7 25.1

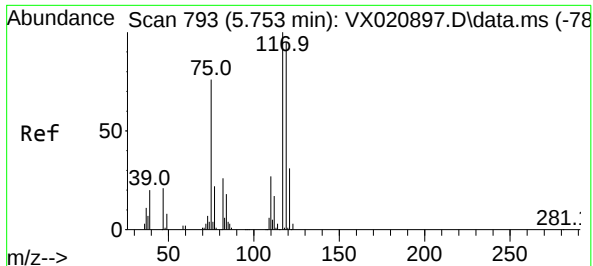


#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.136 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20



Tgt Ion: 75 Resp: 16547
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#

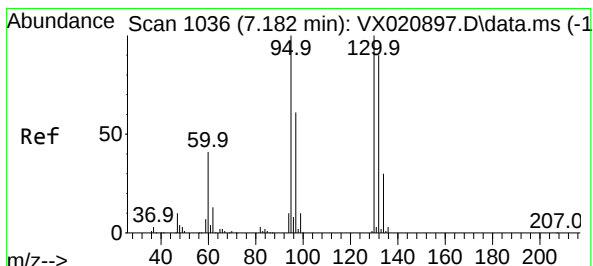
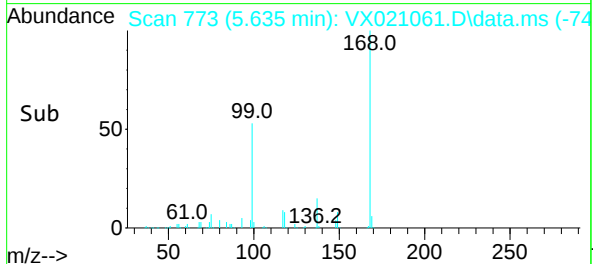
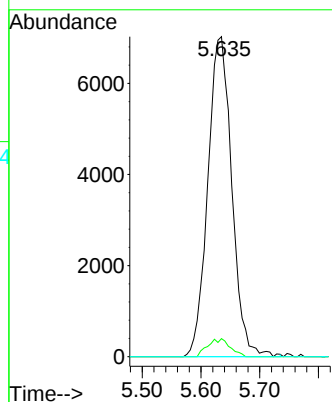
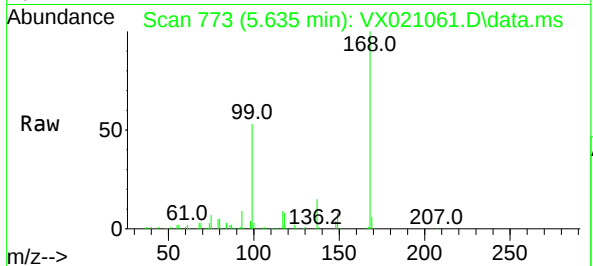




#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

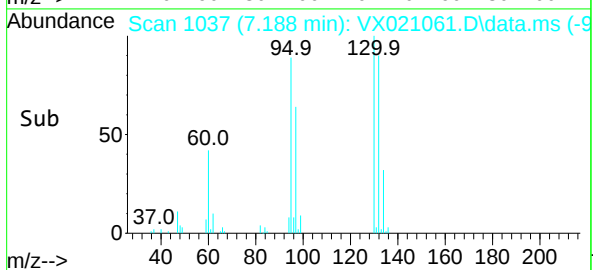
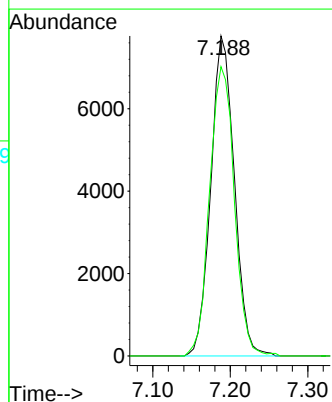
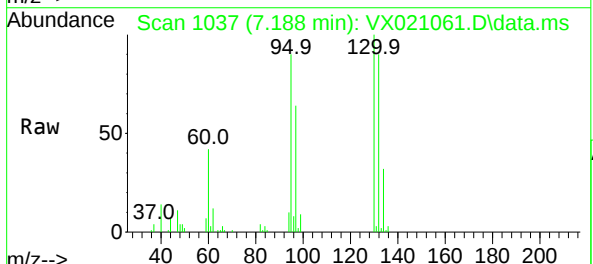
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MSVOA_X
ClientSampleId :
MH-117T-20210305

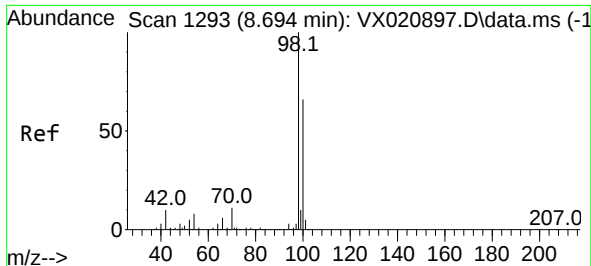
Tgt Ion:117 Resp: 19934
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 5.44 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

Tgt Ion:130 Resp: 16413
Ion Ratio Lower Upper
130 100
95 90.4 0.0 198.0

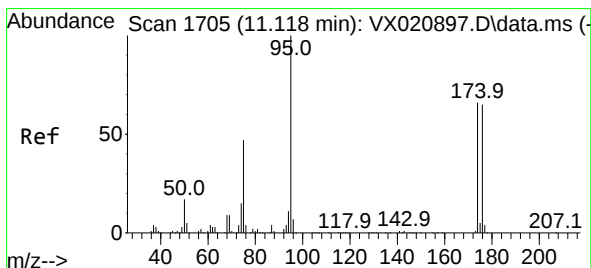
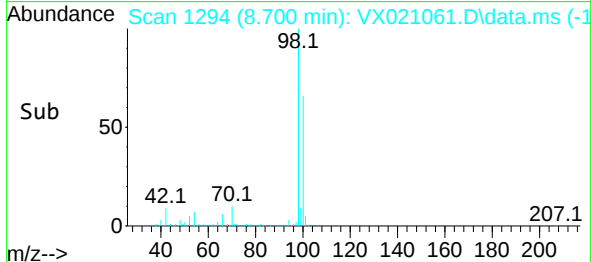
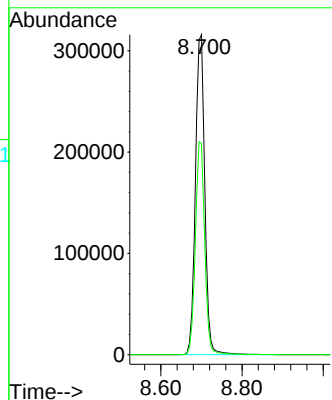
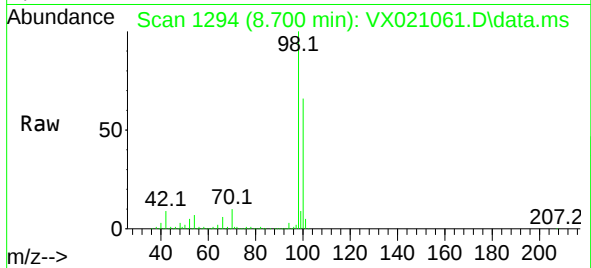




#50
Toluene-d8
Concen: 53.41 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

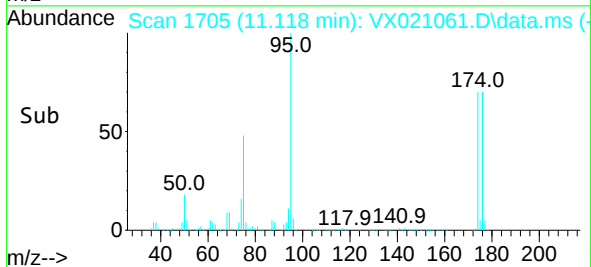
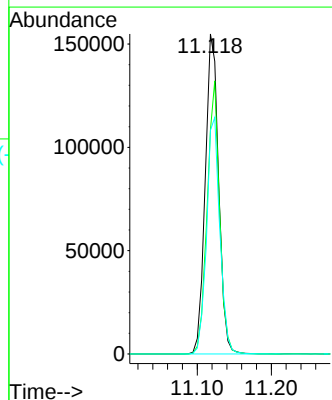
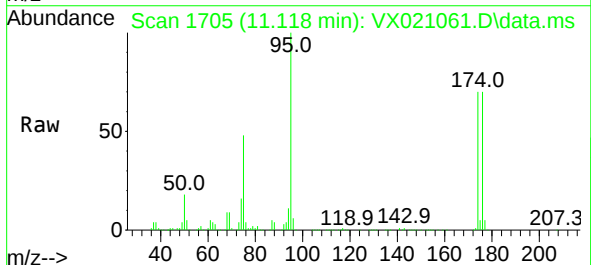
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210305

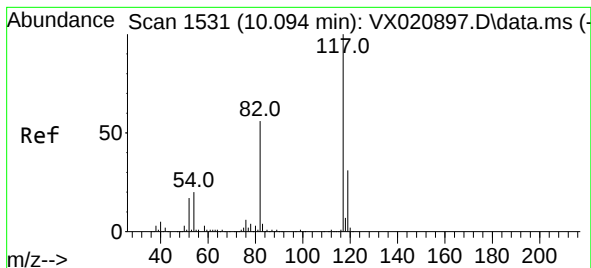
Tgt Ion: 98 Resp: 509231
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

Tgt Ion: 95 Resp: 194503
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 73.1 0.0 155.8

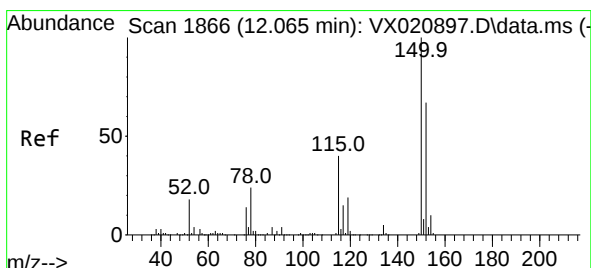
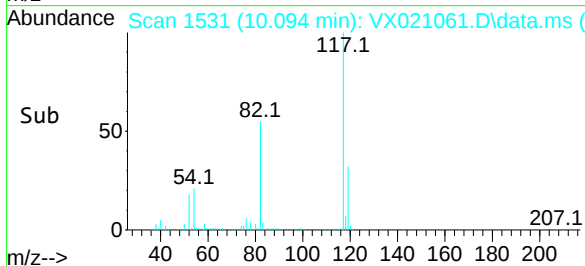
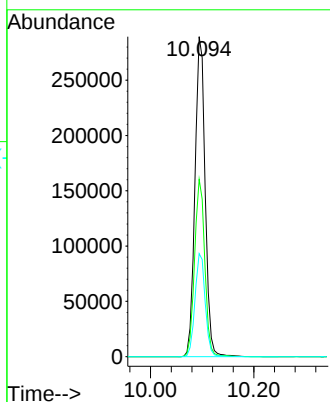
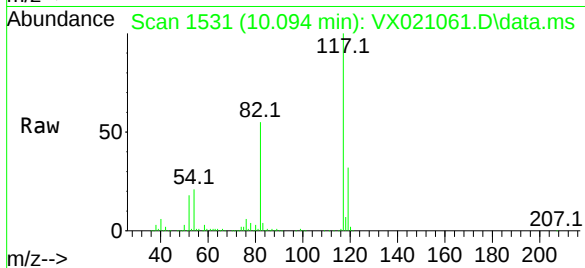




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

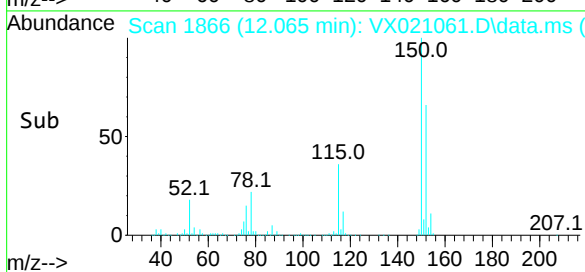
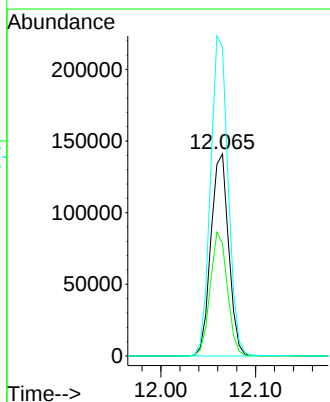
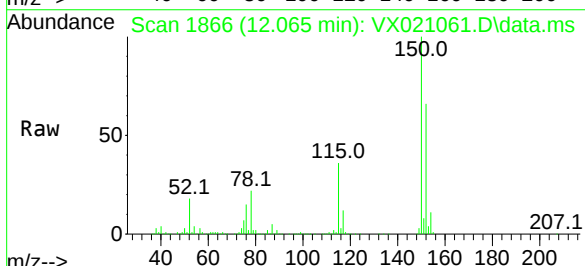
Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210305

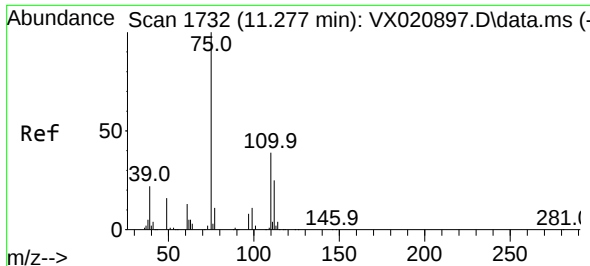
Tgt Ion:117 Resp: 396147
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

Tgt Ion:152 Resp: 183434
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 156.7 0.0 349.0

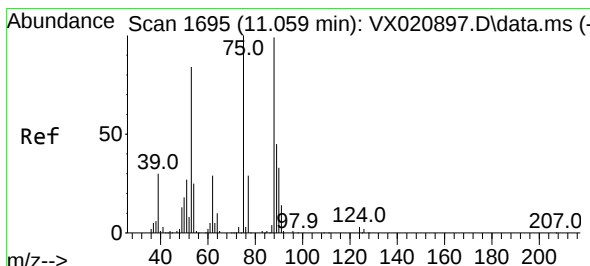
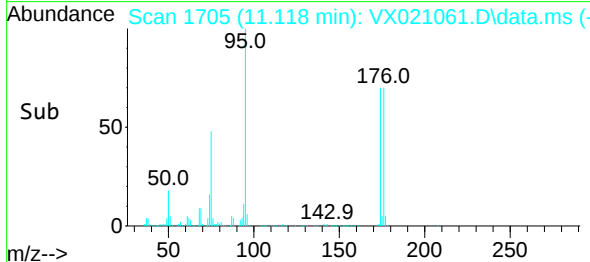
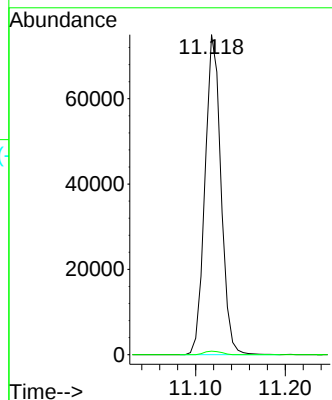
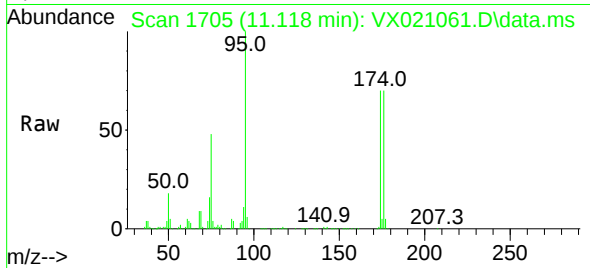




#76
1,2,3-Trichloropropane
Concen: 23.49 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20210305

Tgt Ion: 75 Resp: 92706
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021061.D
Acq: 08 Mar 2021 15:20

Tgt Ion: 75 Resp: 92706
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

