

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021068.D
 Acq On : 08 Mar 2021 17:49
 Operator : JC/MD
 Sample : M1596-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-318.9-20210305

Quant Time: Mar 09 01:08:05 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)

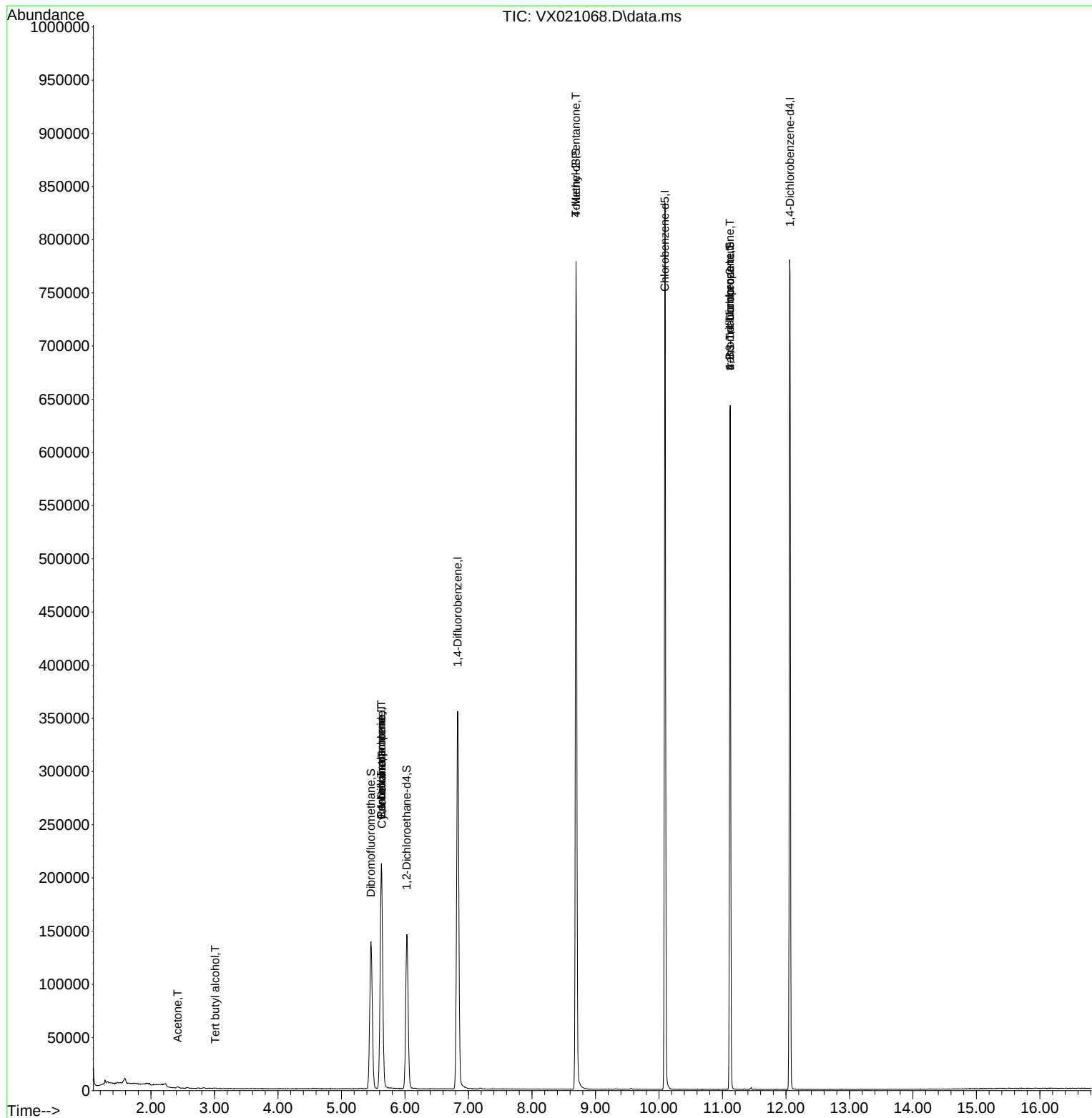
Internal Standards						
1) Pentafluorobenzene	5.629	168	206393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	385383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	378483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	171128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	139501	50.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.08%	
35) Dibromofluoromethane	5.464	113	121066	51.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.40%	
50) Toluene-d8	8.694	98	482647	52.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.74%	
62) 4-Bromofluorobenzene	11.117	95	184798	54.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.48%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.646	94	242	Below Cal	#	68
11) Tert butyl alcohol	3.011	59	557	0.90	ug/l #	73
16) Acetone	2.416	43	1474	1.28	ug/l	99
31) Cyclohexane	5.634	56	3836	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15296	4.18	ug/l #	49
38) Carbon Tetrachloride	5.629	117	19682	5.55	ug/l #	17
51) 4-Methyl-2-Pentanone	8.694	43	1853	0.54	ug/l #	1
76) 1,2,3-Trichloropropane	11.117	75	86788	23.57	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.117	75	86788	52.19	ug/l #	12

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

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MH-318.9-20210305

Quant Time: Mar 09 01:08:05 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

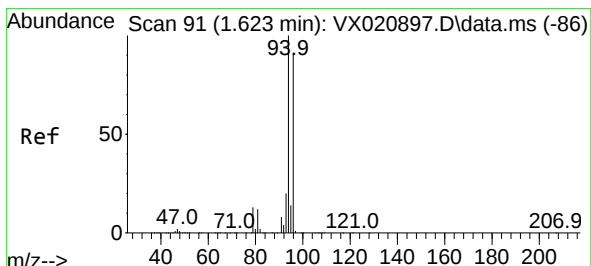
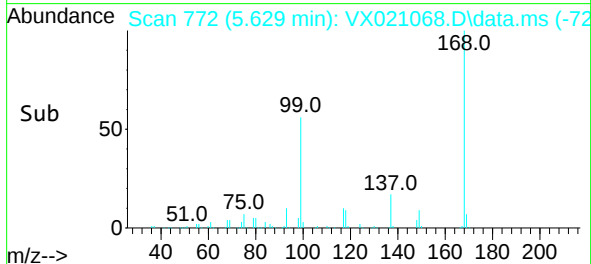
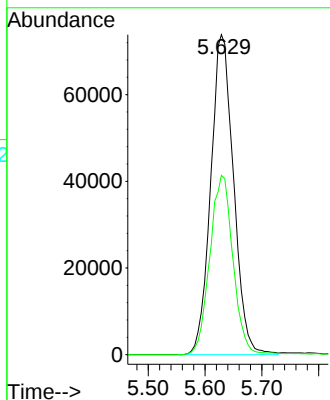
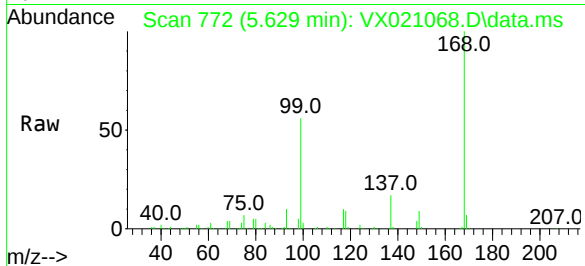




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

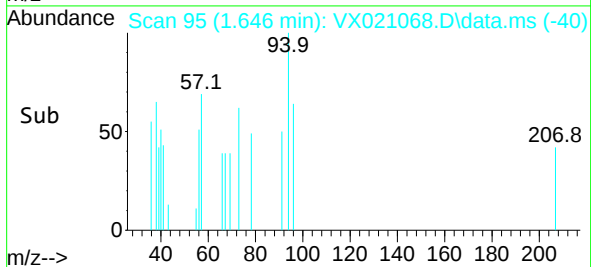
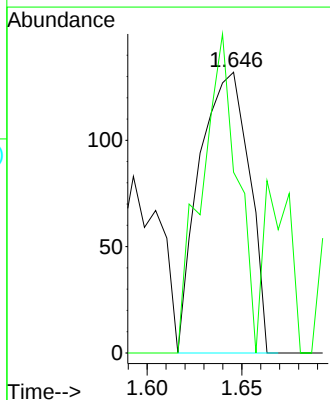
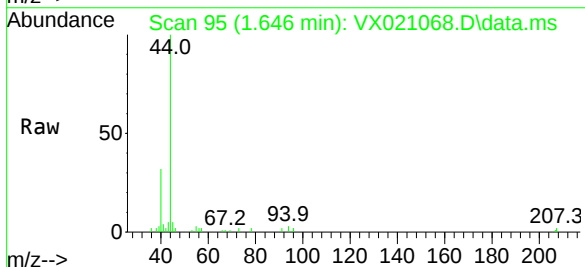
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

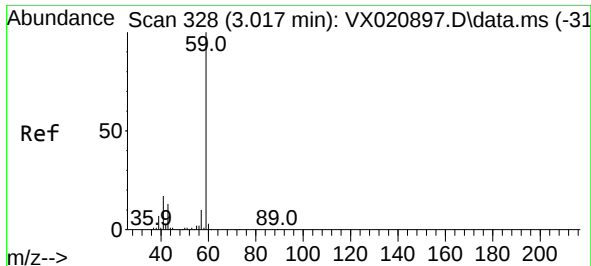
Tgt Ion:168 Resp: 206393
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 64.4 76.4 114.6#



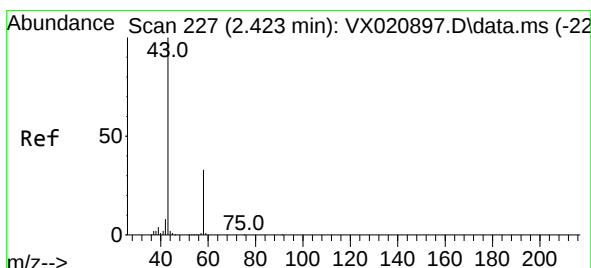
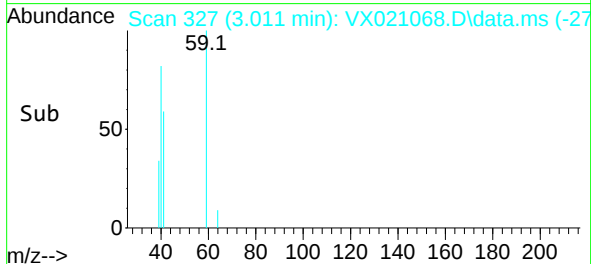
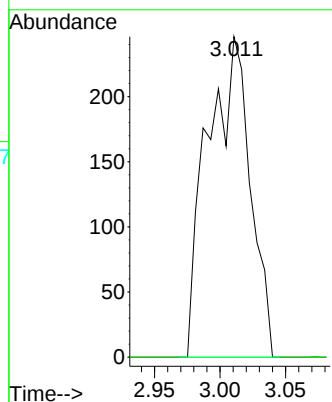
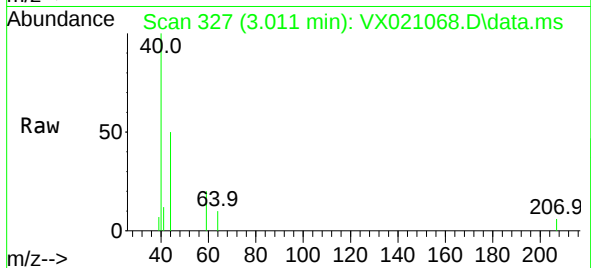


#11

Tert butyl alcohol
Concen: 0.90 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

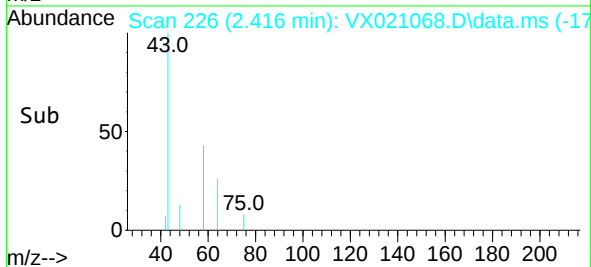
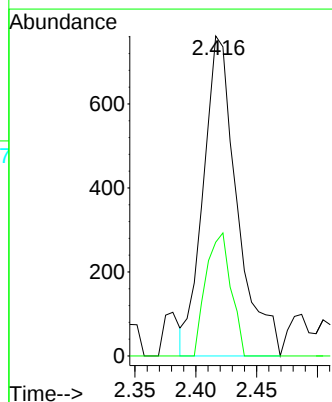
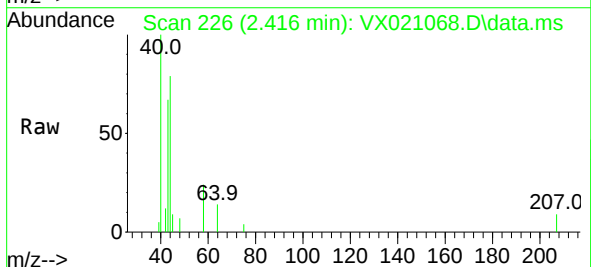
Tgt Ion: 59 Resp: 557
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

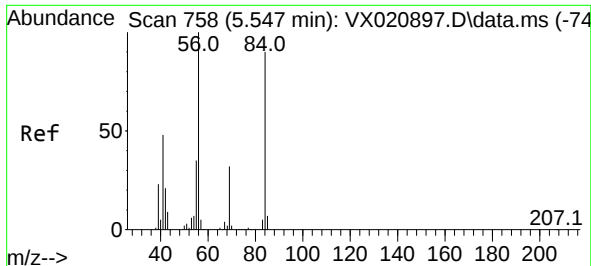


#16

Acetone
Concen: 1.28 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

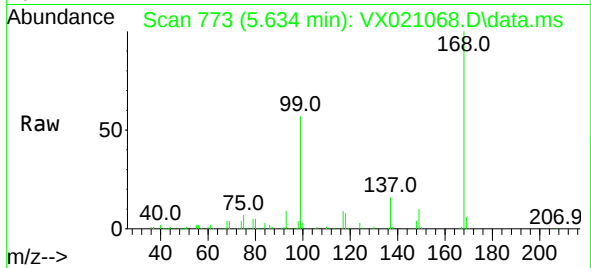
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 35.6 27.8 41.8



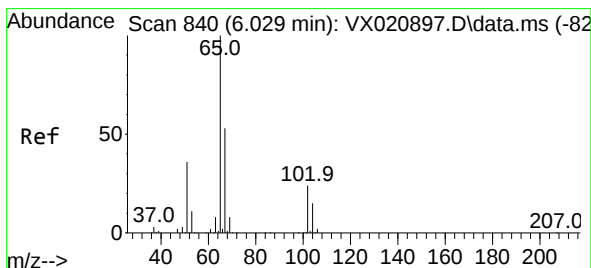
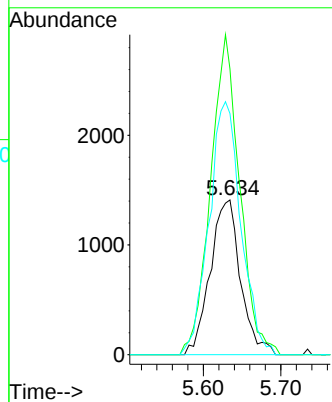
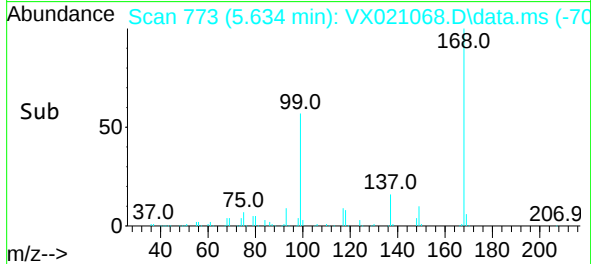


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.634 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

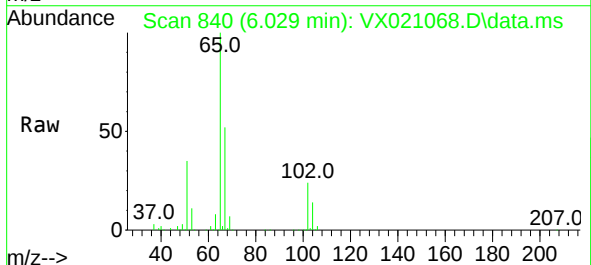
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305



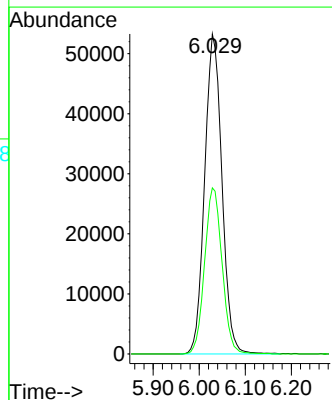
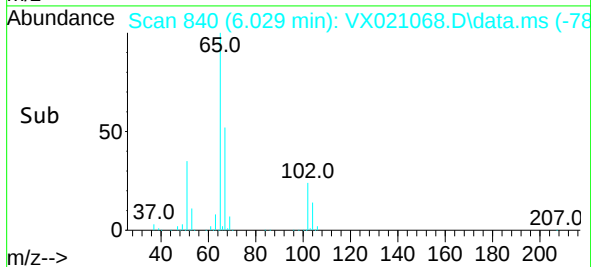
Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 184.7 25.3 37.9#
84 155.8 71.4 107.0#

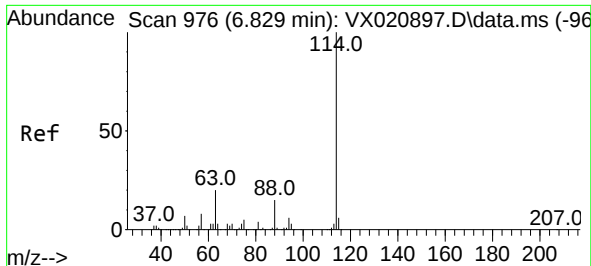


#33
1,2-Dichloroethane-d4
Concen: 50.04 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49



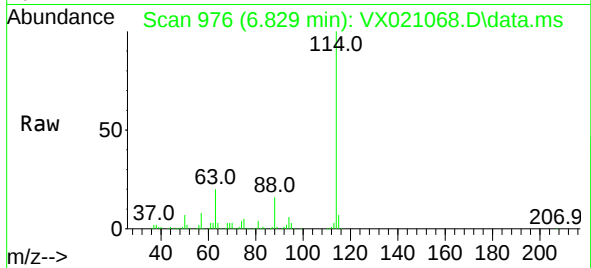
Tgt Ion: 65 Resp: 139501
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4



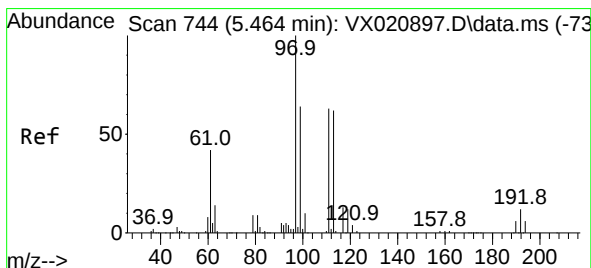
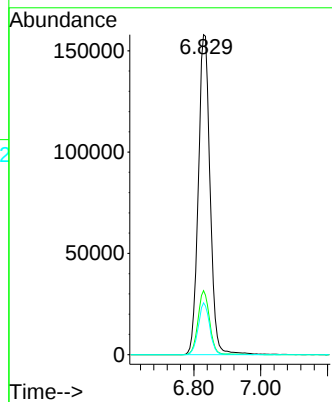
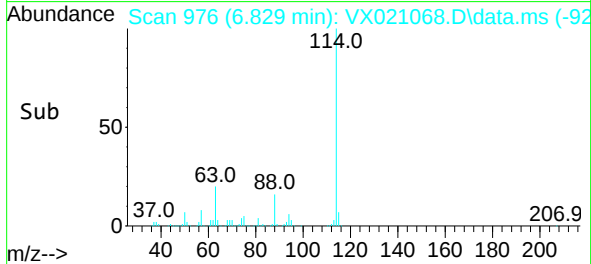


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

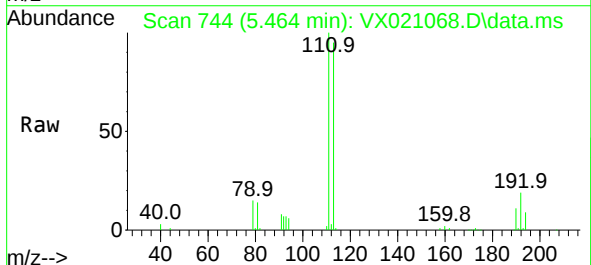
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305



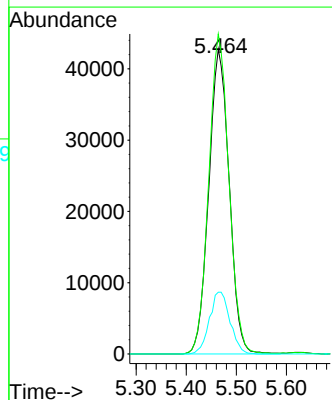
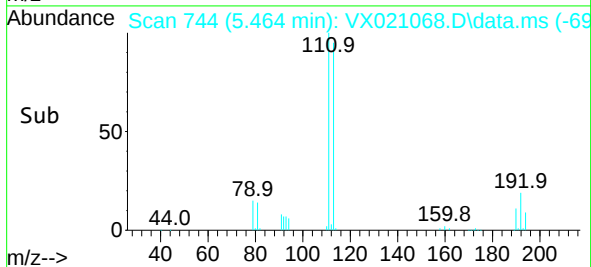
Tgt Ion:114 Resp: 385383
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.2 0.0 32.8

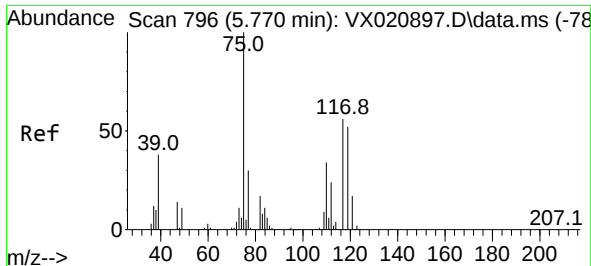


#35
Dibromofluoromethane
Concen: 51.70 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49



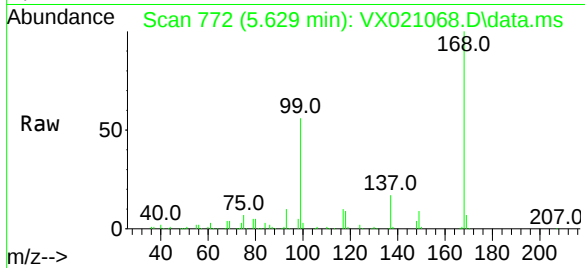
Tgt Ion:113 Resp: 121066
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.4 16.7 25.1



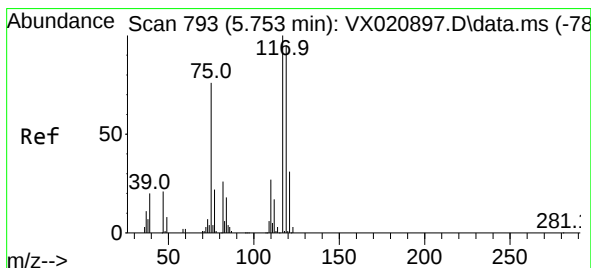
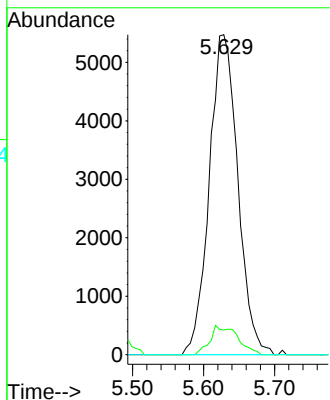
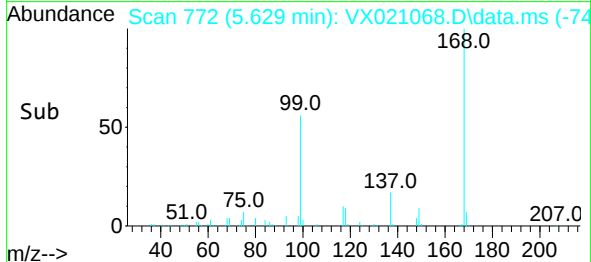


#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.142 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

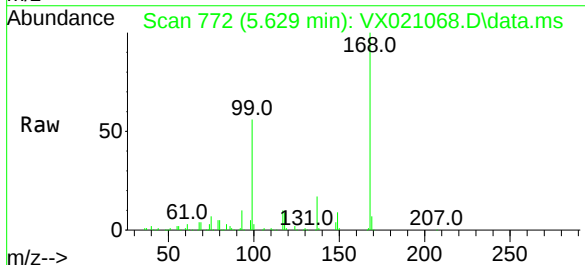
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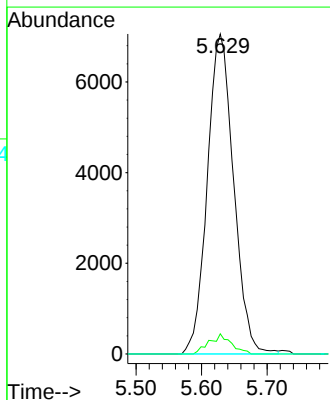
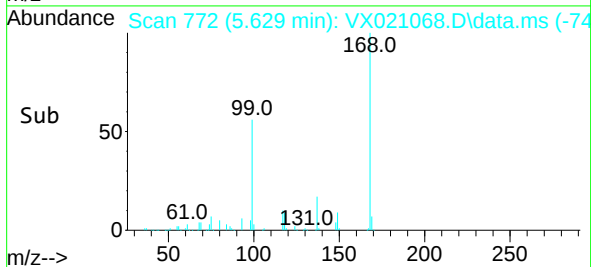
Tgt Ion: 75 Resp: 15296
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

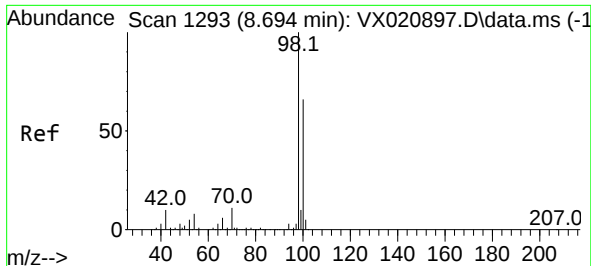


#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49



Tgt Ion: 117 Resp: 19682
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

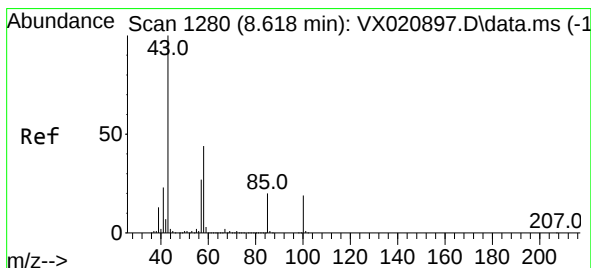
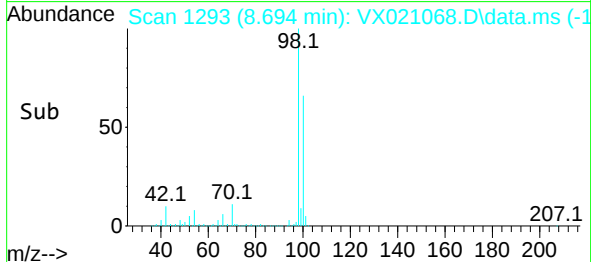
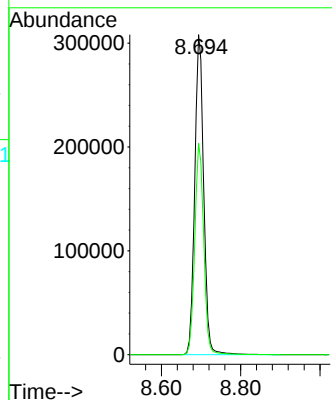
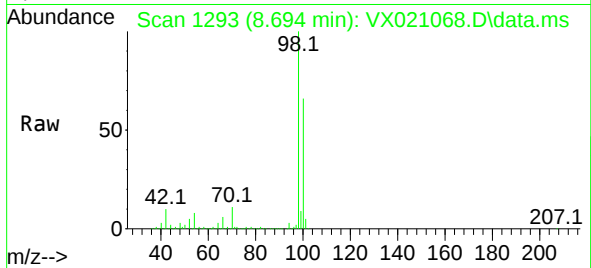




#50
Toluene-d8
Concen: 52.87 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

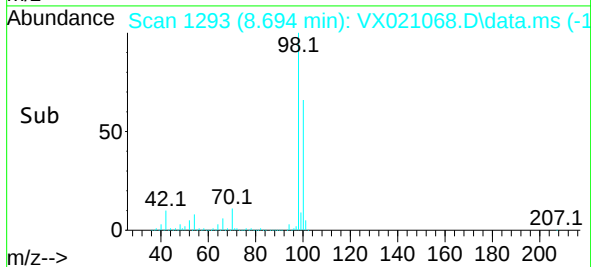
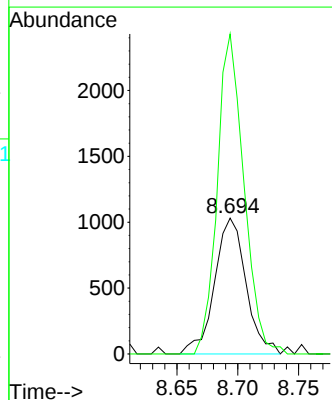
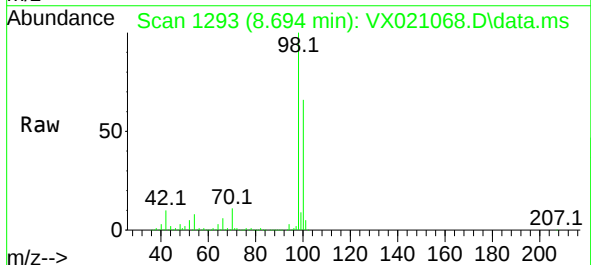
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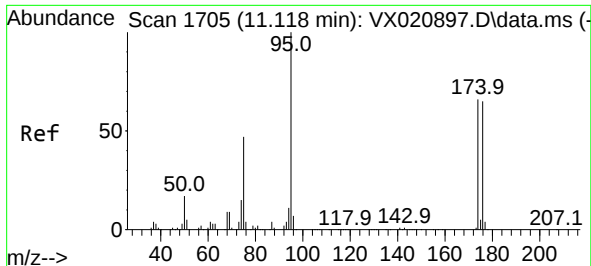
Tgt Ion: 98 Resp: 482647
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
58 199.6 35.4 53.0#

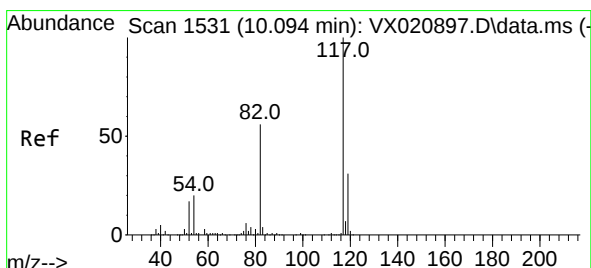
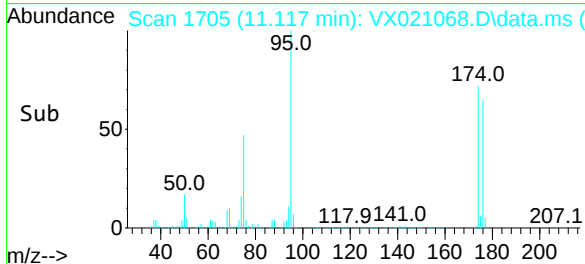
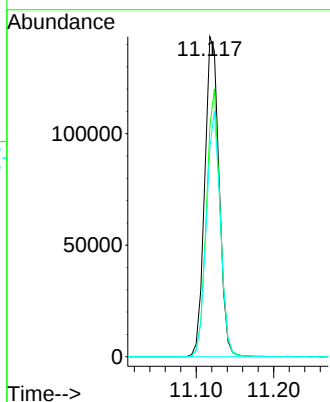
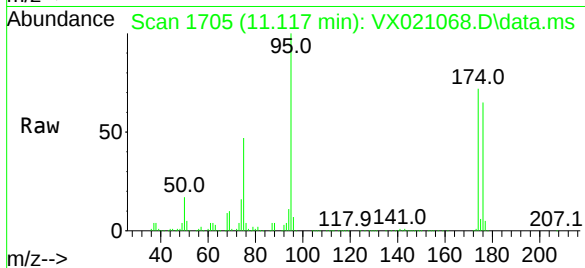




#62
4-Bromofluorobenzene
Concen: 54.74 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

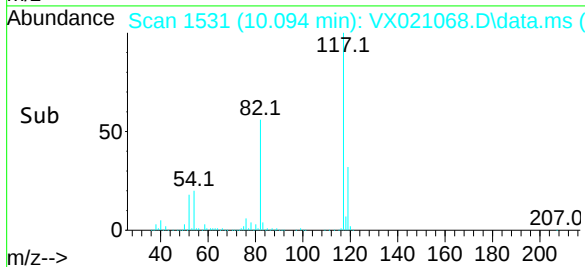
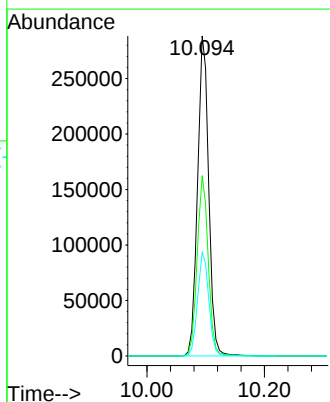
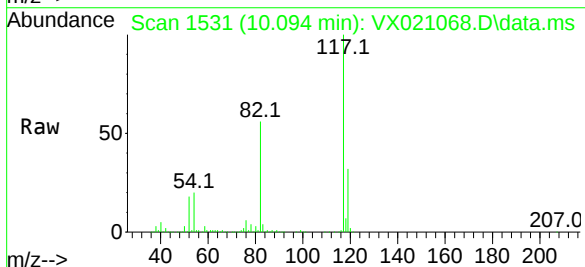
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

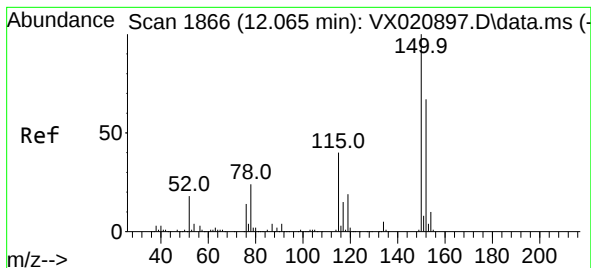
Tgt Ion: 95 Resp: 184798
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

Tgt Ion: 117 Resp: 378483
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.3 26.6 39.8

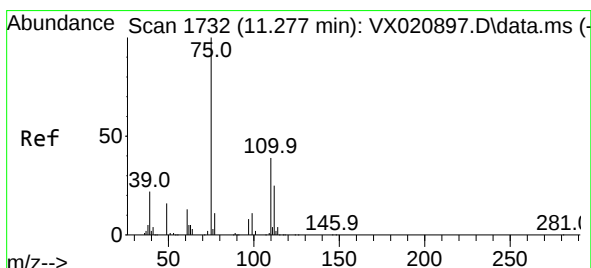
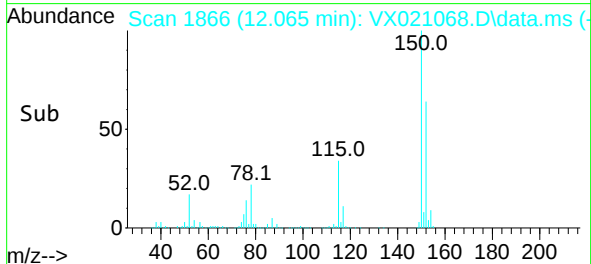
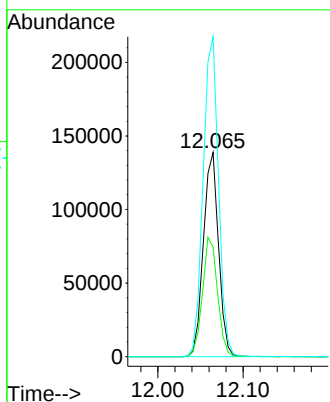
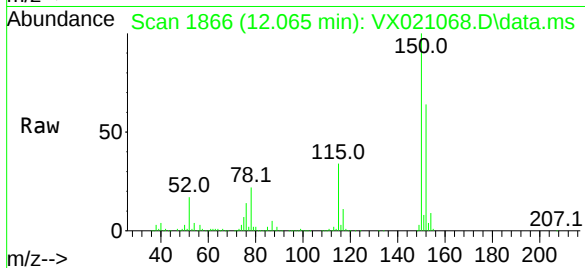




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

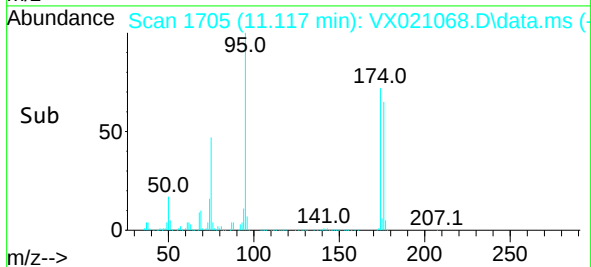
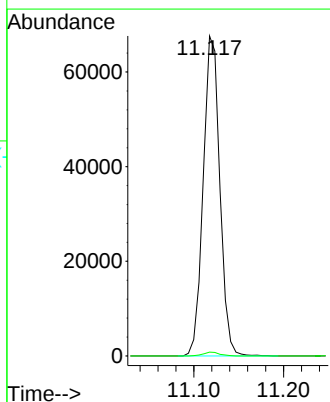
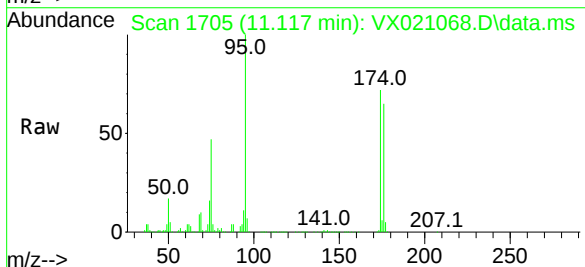
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

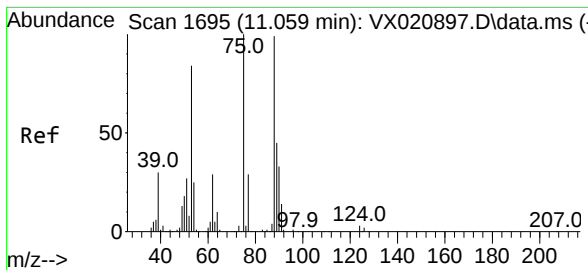
Tgt Ion:152 Resp: 171128
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 158.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.57 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021068.D
Acq: 08 Mar 2021 17:49

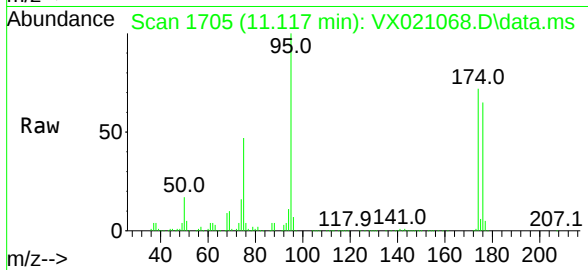
Tgt Ion: 75 Resp: 86788
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.19 ug/l
 RT: 11.117 min Scan# 1705
 Delta R.T. 0.058 min
 Lab File: VX021068.D
 Acq: 08 Mar 2021 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-318.9-20210305



Tgt Ion: 75 Resp: 86788
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

