

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020978.D
 Acq On : 02 Mar 2021 20:37
 Operator : JC/MD
 Sample : M1545-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-J

Quant Time: Mar 03 01:19:05 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)

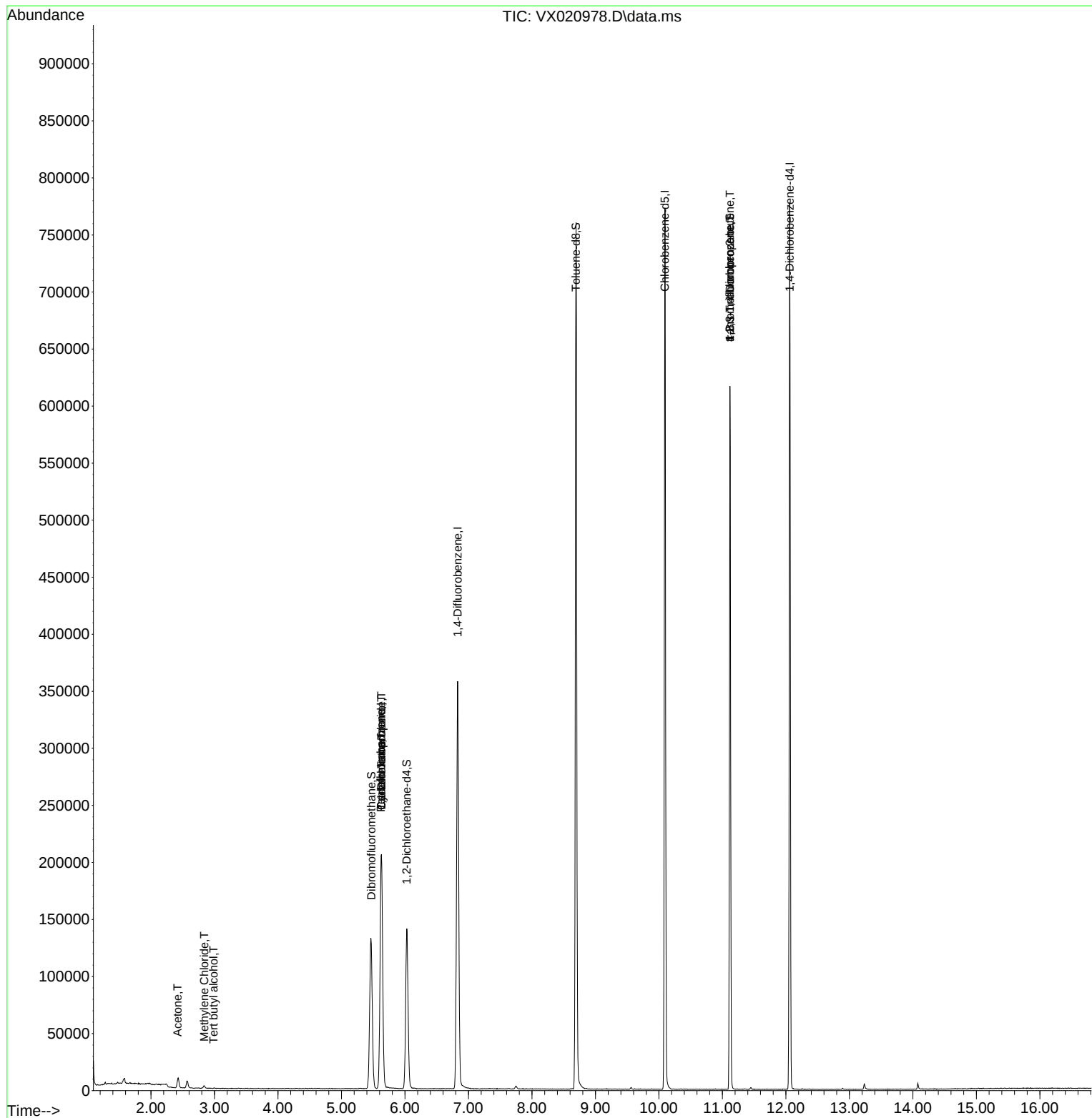
Internal Standards						
1) Pentafluorobenzene	5.623	168	205607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	376245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	364622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	160691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	131674	47.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.82%
35) Dibromofluoromethane	5.470	113	116062	50.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.54%
50) Toluene-d8	8.694	98	465823	52.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.52%
62) 4-Bromofluorobenzene	11.118	95	174614	52.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.96%
Target Compounds						
					Qvalue	
5) Bromomethane	1.646	94	339	Below Cal		87
11) Tert butyl alcohol	2.987	59	169	0.27 ug/l	#	73
16) Acetone	2.417	43	3964	3.46 ug/l		92
20) Methylene Chloride	2.840	84	1101	0.40 ug/l	#	83
31) Cyclohexane	5.629	56	3988	0.99 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	15702	4.39 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	19850	5.73 ug/l	#	16
76) 1,2,3-Trichloropropane	11.118	75	82568	23.89 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	82568	52.88 ug/l	#	12

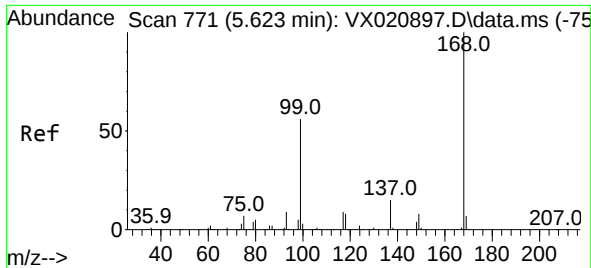
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 03 01:19:05 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

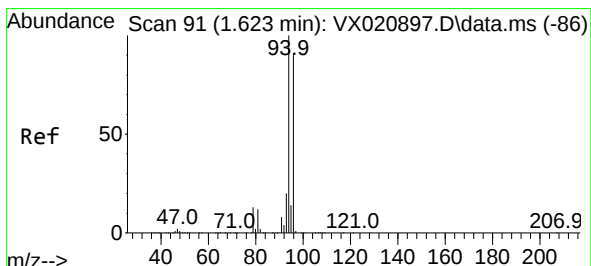
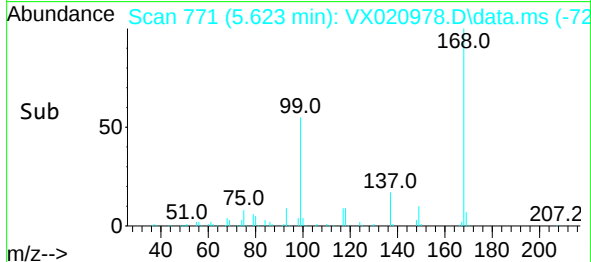
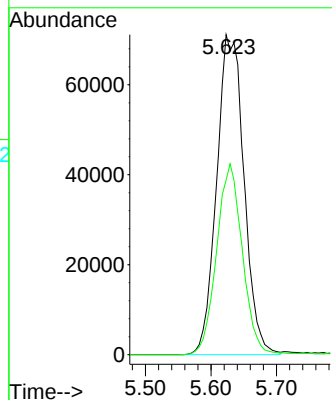
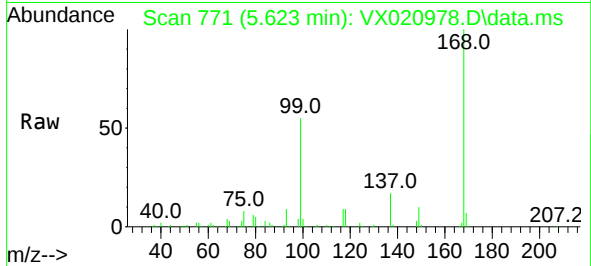




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

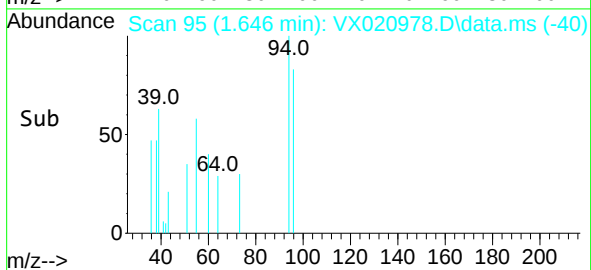
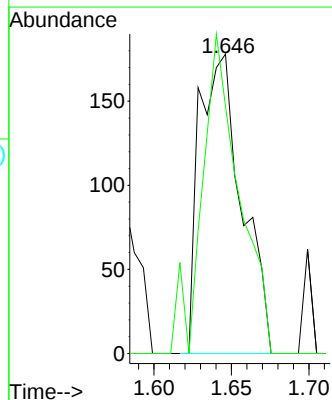
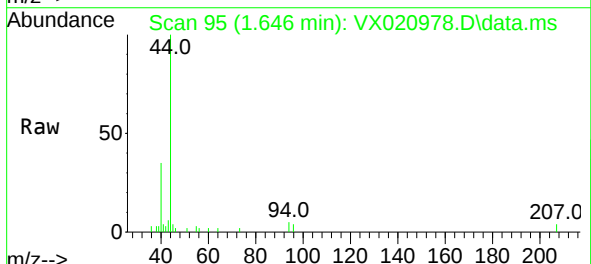
Instrument :
MSVOA_X
ClientSampleId :
MH-J

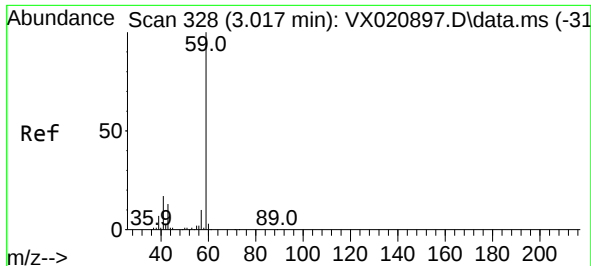
Tgt Ion:168 Resp: 205607
Ion Ratio Lower Upper
168 100
99 54.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 82.6 76.4 114.6

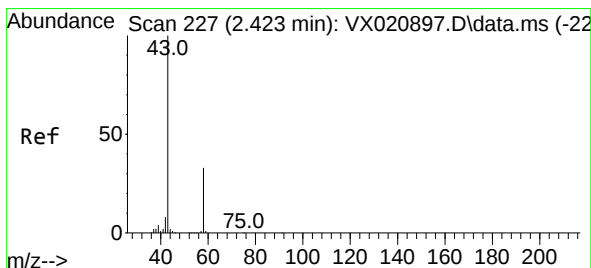
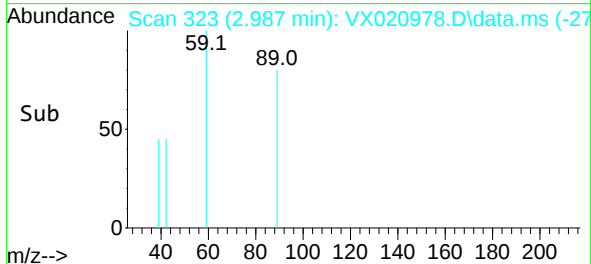
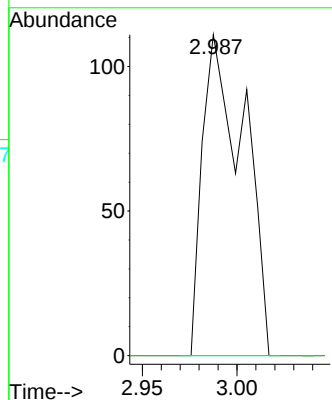
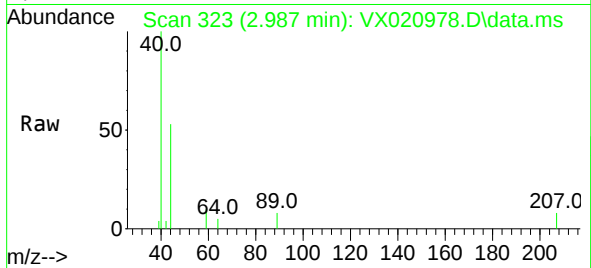




#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.029 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

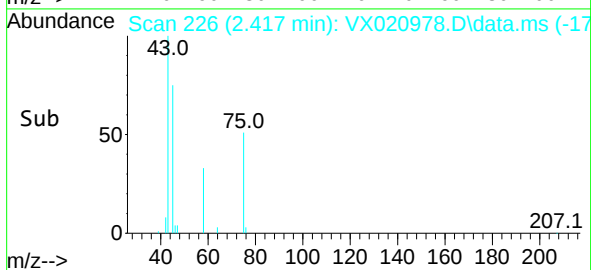
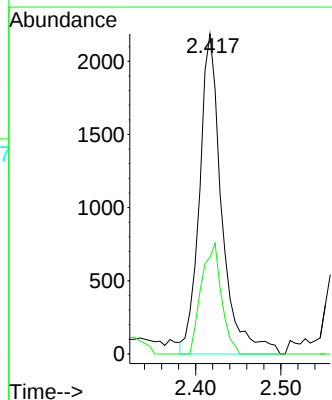
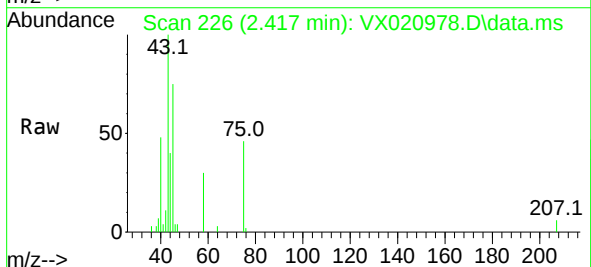
Instrument :
MSVOA_X
ClientSampleId :
MH-J

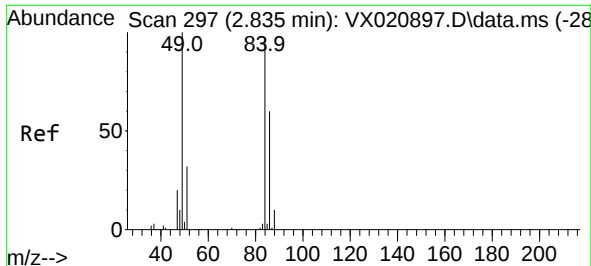
Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.46 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

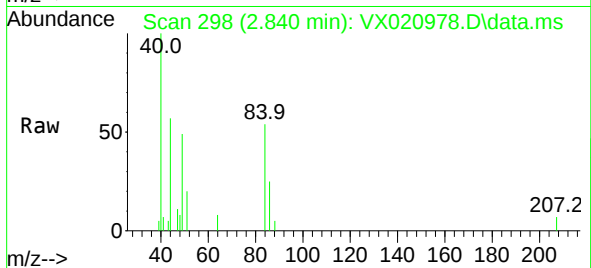
Tgt Ion: 43 Resp: 3964
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



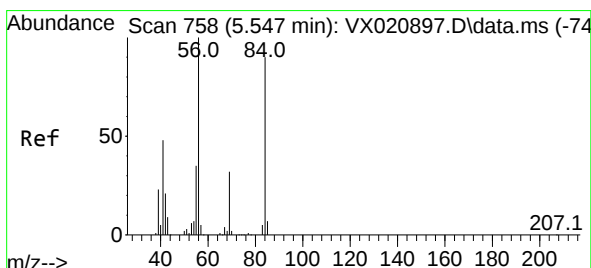
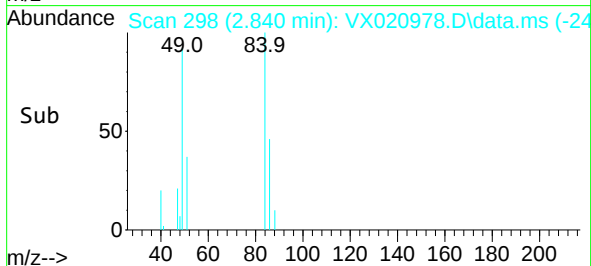
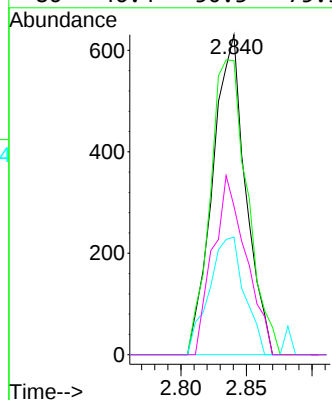


#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

Instrument :
MSVOA_X
ClientSampleId :
MH-J

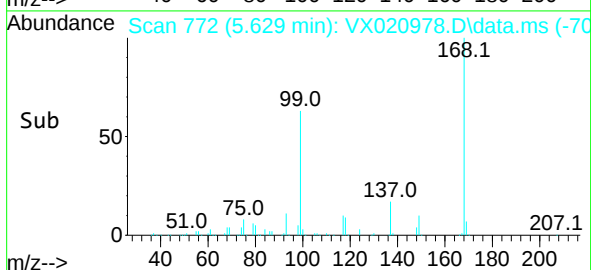
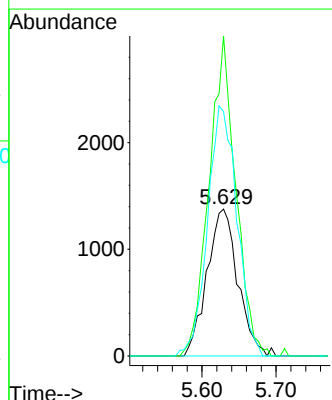
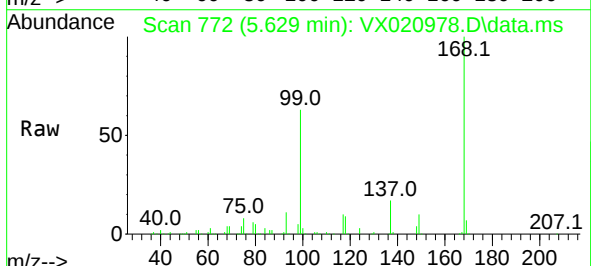


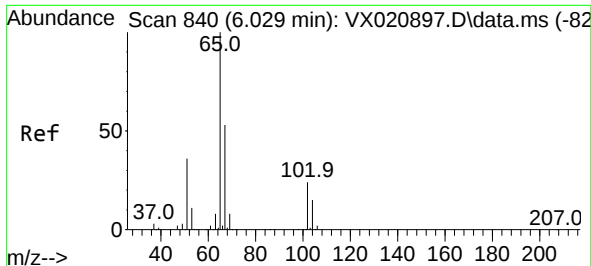
Tgt Ion: 84 Resp: 1101
Ion Ratio Lower Upper
84 100
49 91.9 88.6 132.8
51 36.8 27.0 40.6
86 46.4 50.3 75.5#



#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

Tgt Ion: 56 Resp: 3988
Ion Ratio Lower Upper
56 100
69 217.9 25.3 37.9#
84 166.3 71.4 107.0#

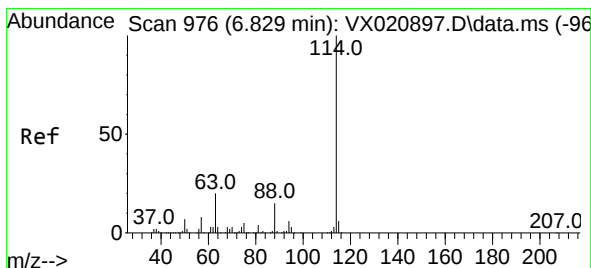
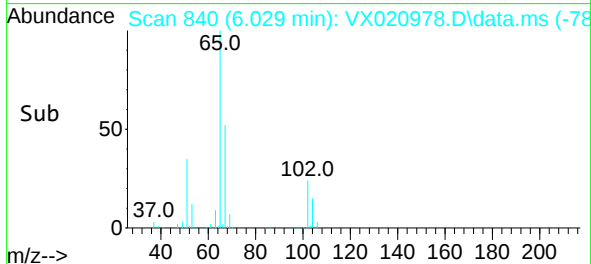
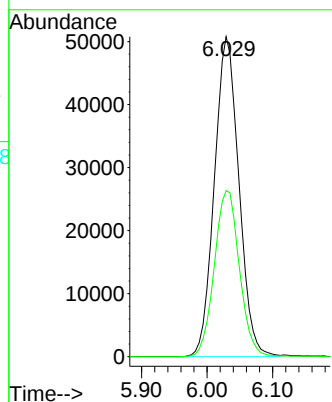
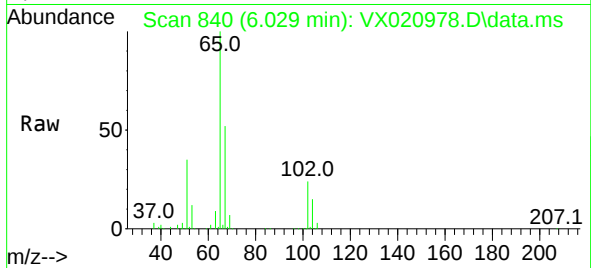




#33
 1,2-Dichloroethane-d4
 Concen: 47.41 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX020978.D
 Acq: 02 Mar 2021 20:37

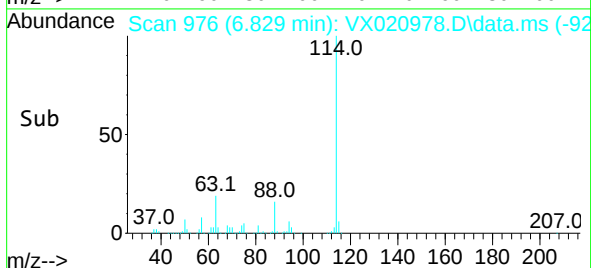
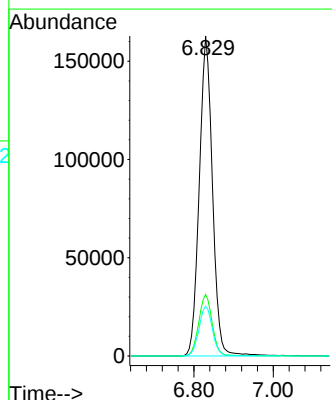
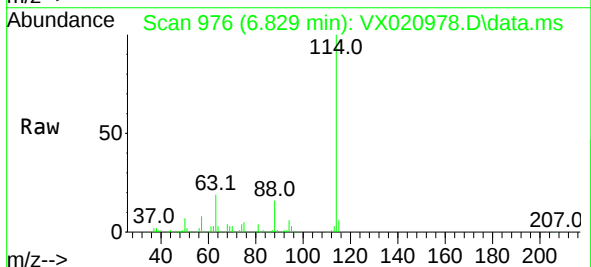
Instrument :
 MSVOA_X
 ClientSampled :
 MH-J

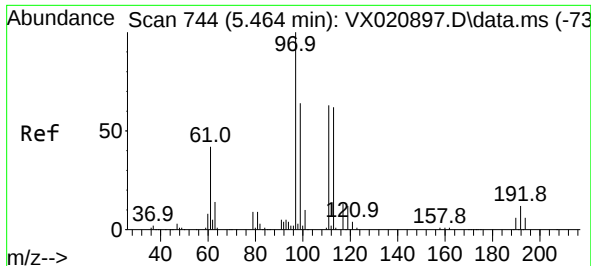
Tgt Ion: 65 Resp: 131674
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX020978.D
 Acq: 02 Mar 2021 20:37

Tgt Ion: 114 Resp: 376245
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 15.6 0.0 32.8

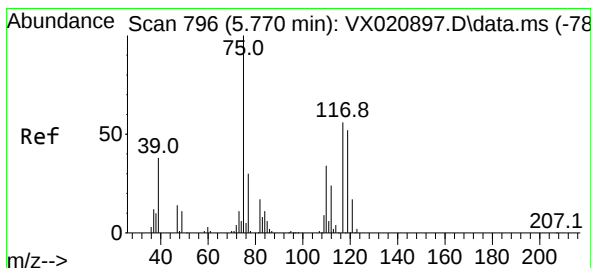
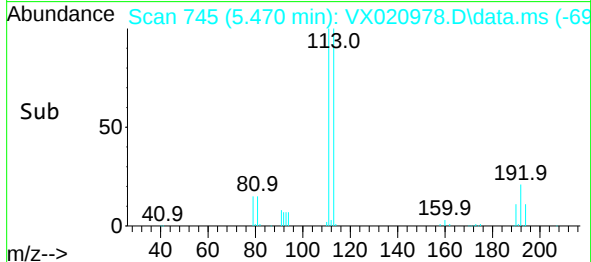
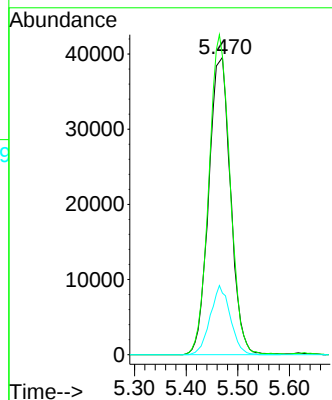
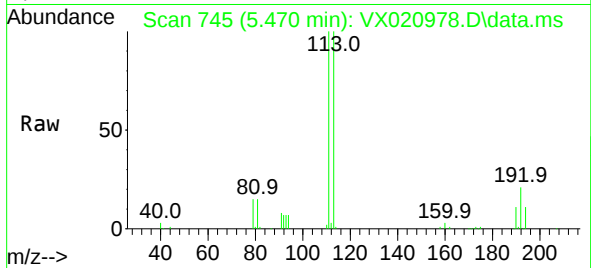




#35
Dibromofluoromethane
Concen: 50.77 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

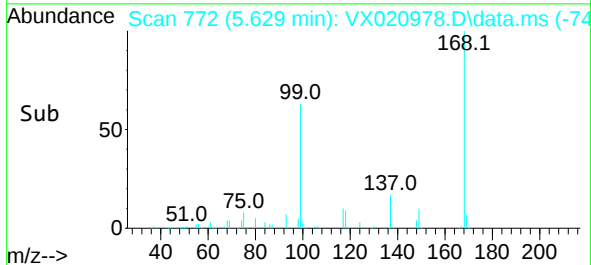
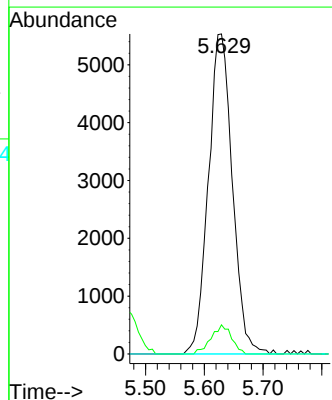
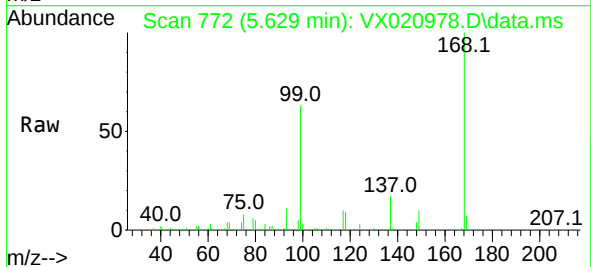
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ClientSampleId :
MH-J

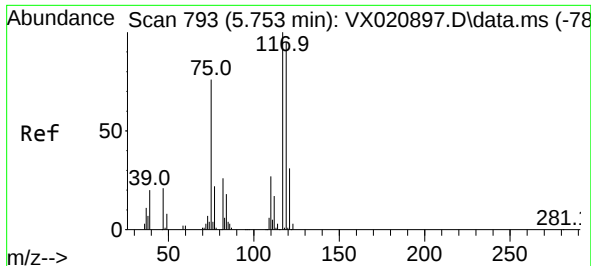
Tgt Ion:113 Resp: 116062
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

Tgt Ion: 75 Resp: 15702
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#

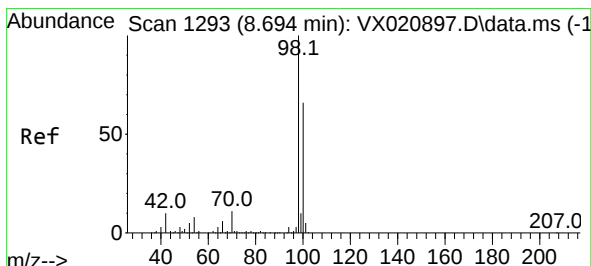
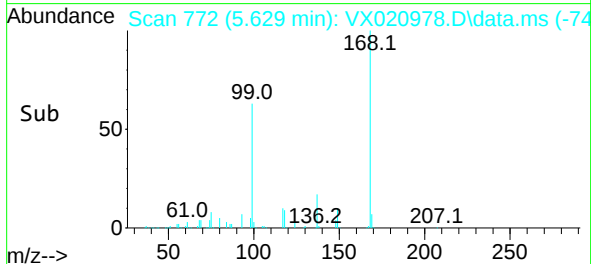
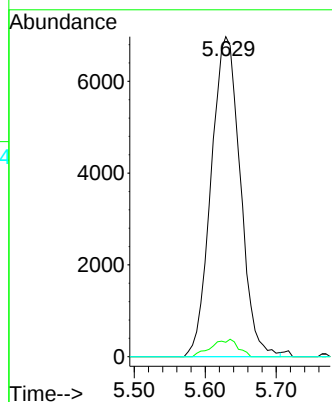
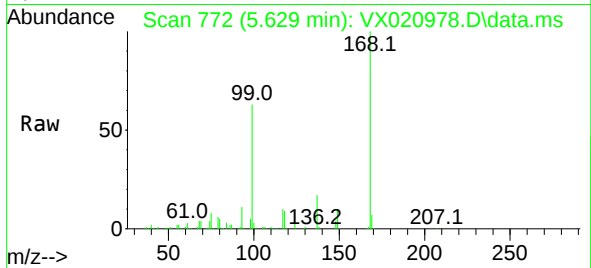




#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

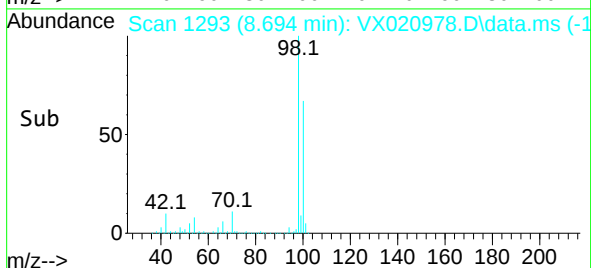
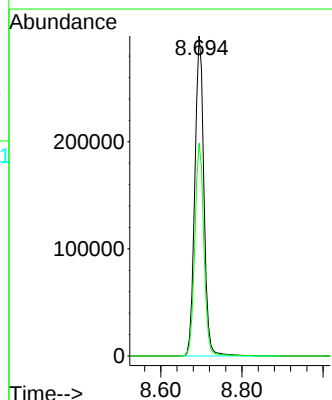
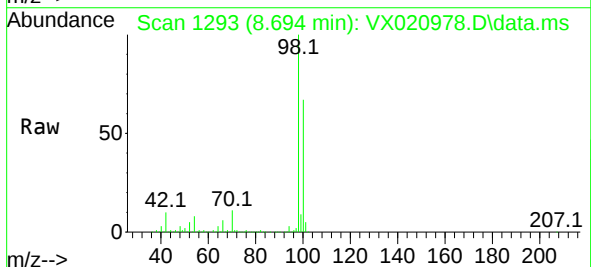
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ClientSampleId :
MH-J

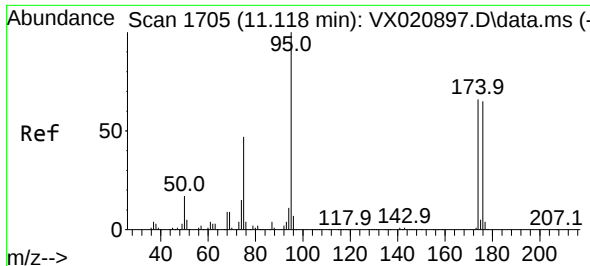
Tgt Ion:117 Resp: 19850
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.26 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

Tgt Ion: 98 Resp: 465823
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

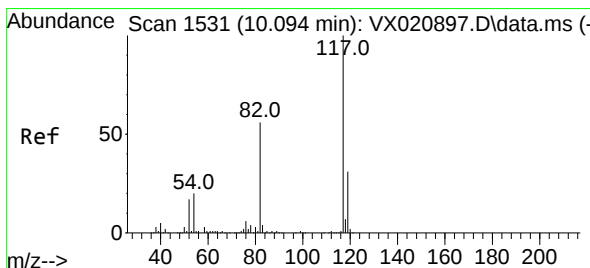
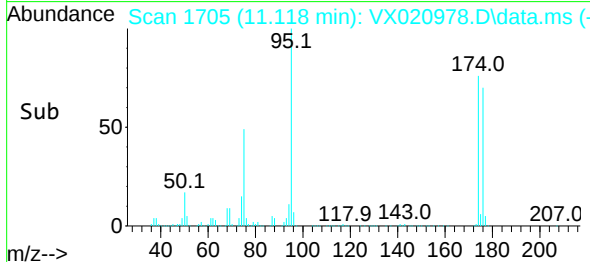
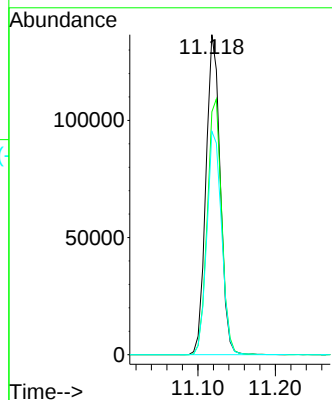
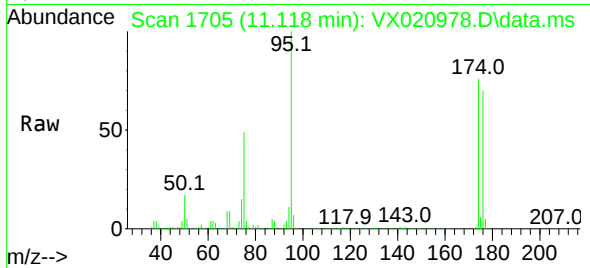




#62
4-Bromofluorobenzene
Concen: 52.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

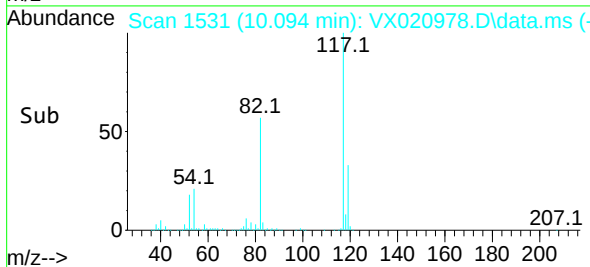
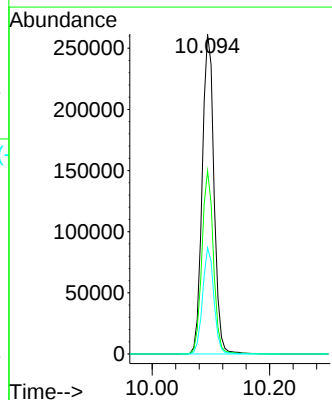
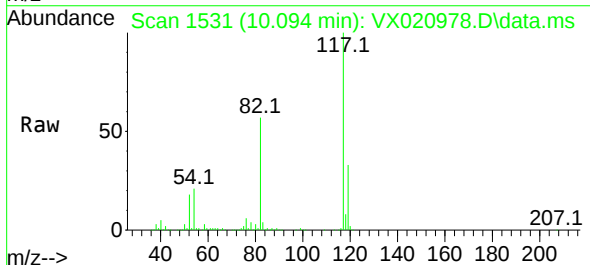
Instrument :
MSVOA_X
ClientSampleId :
MH-J

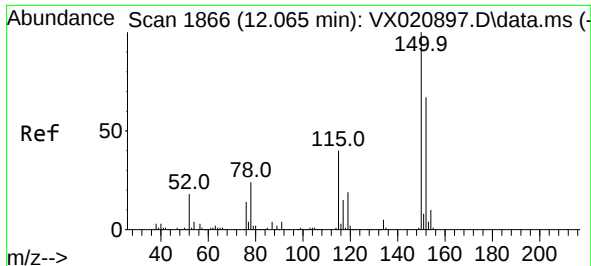
Tgt Ion: 95 Resp: 174614
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 72.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

Tgt Ion: 117 Resp: 364622
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 33.2 26.6 39.8

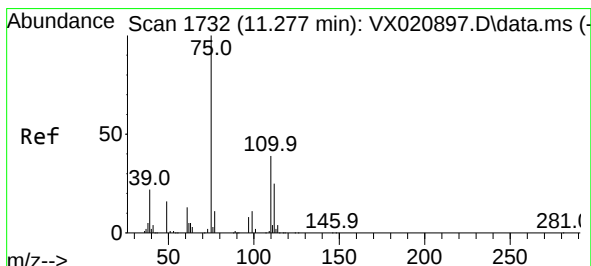
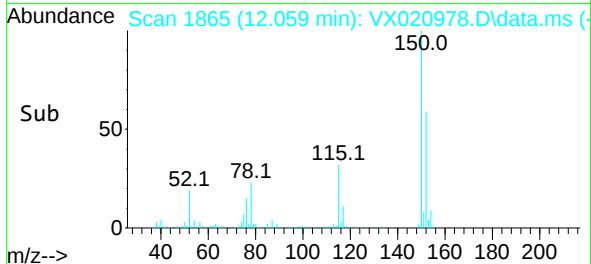
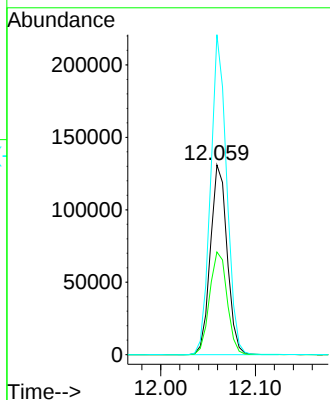
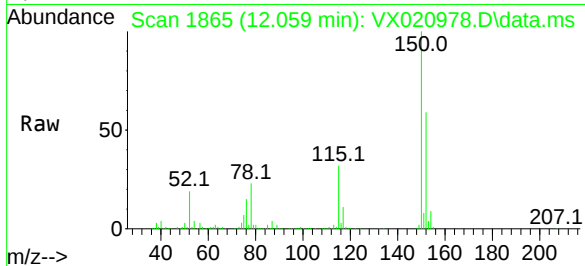




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

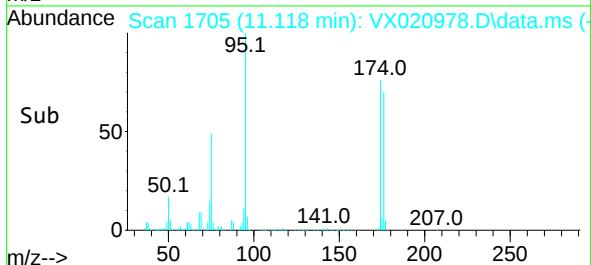
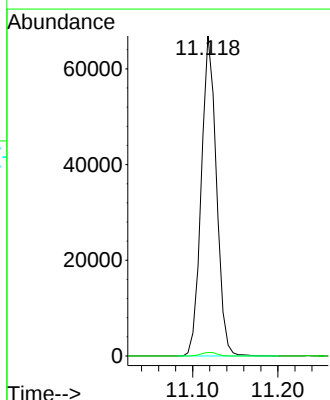
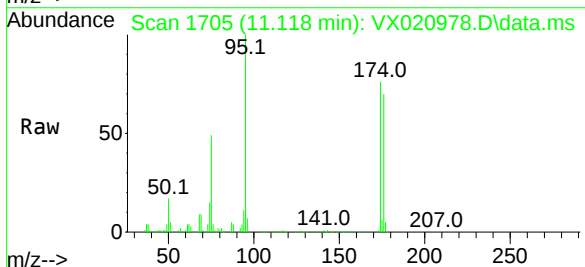
Instrument :
MSVOA_X
ClientSampled :
MH-J

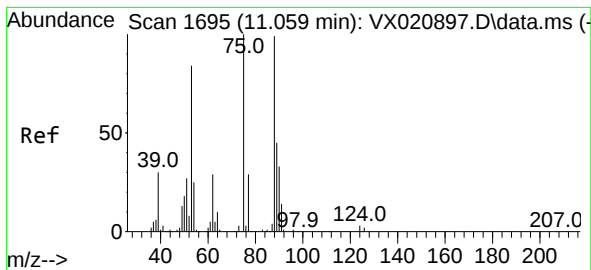
Tgt Ion:152 Resp: 160691
Ion Ratio Lower Upper
152 100
115 56.8 41.1 123.3
150 162.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020978.D
Acq: 02 Mar 2021 20:37

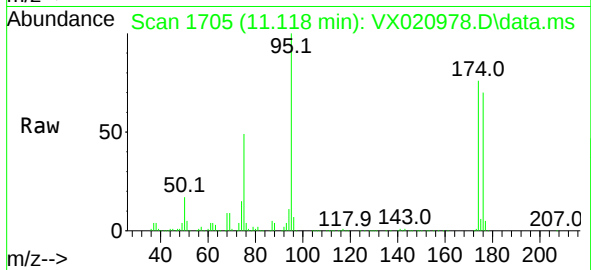
Tgt Ion: 75 Resp: 82568
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.88 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020978.D
 Acq: 02 Mar 2021 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-J



Tgt Ion: 75 Resp: 82568
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

