

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021006.D
 Acq On : 04 Mar 2021 11:49
 Operator : JC/MD
 Sample : VX0306WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 04 13:35:33 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)

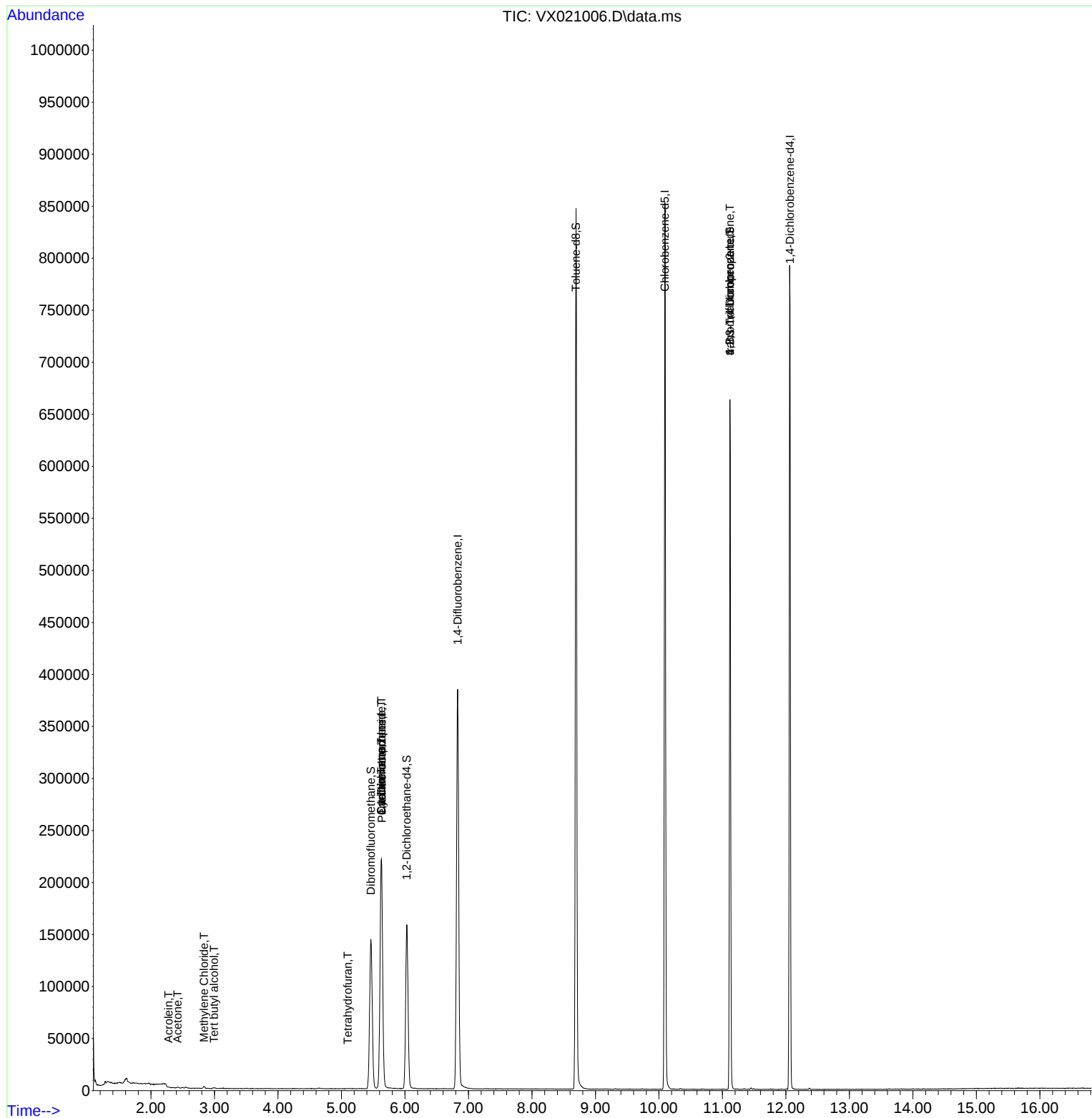
Internal Standards						
1) Pentafluorobenzene	5.635	168	219905	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	411812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	396634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	172403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	148715	50.07	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.14%	
35) Dibromofluoromethane	5.464	113	129145	51.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.22%	
50) Toluene-d8	8.694	98	515286	52.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.64%	
62) 4-Bromofluorobenzene	11.118	95	185087	51.31	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.62%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	504	Below Cal		84
11) Tert butyl alcohol	2.993	59	494	0.75 ug/l	#	73
13) Acrolein	2.276	56	110	0.27 ug/l		83
16) Acetone	2.417	43	913	0.75 ug/l	#	75
20) Methylene Chloride	2.835	84	868	0.30 ug/l	#	85
29) Tetrahydrofuran	5.100	42	325	0.27 ug/l	#	27
31) Cyclohexane	5.629	56	4358	1.01 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	17148	4.38 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	21203	5.59 ug/l	#	17
76) 1,2,3-Trichloropropane	11.118	75	88098	23.75 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	88098	52.59 ug/l	#	12

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 04 13:35:33 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

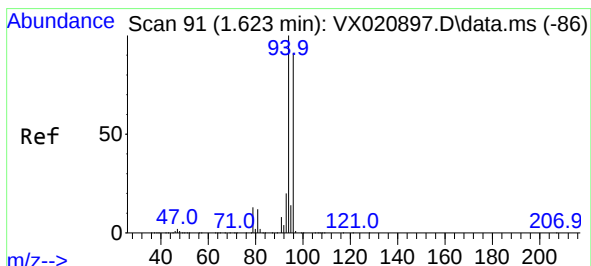
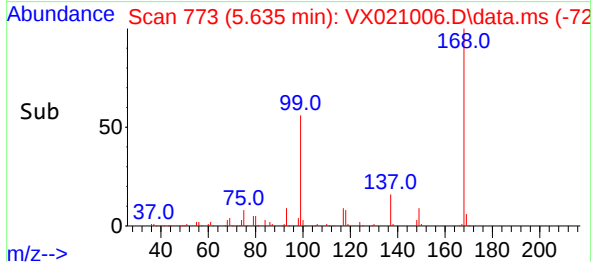
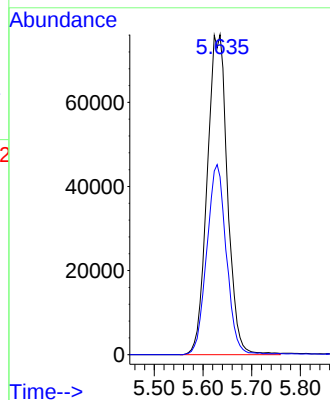
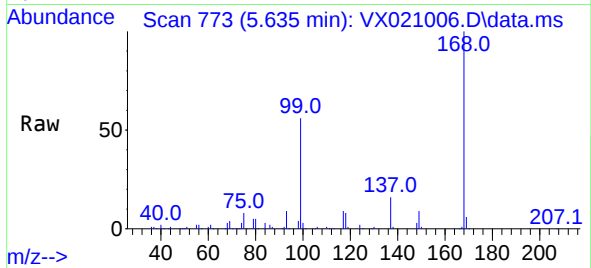




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

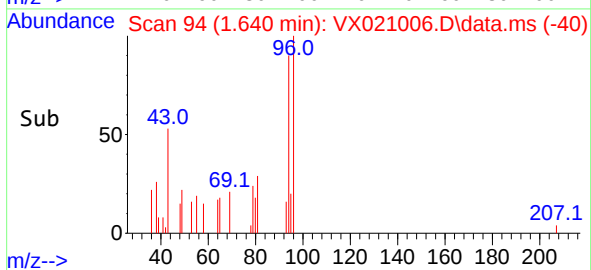
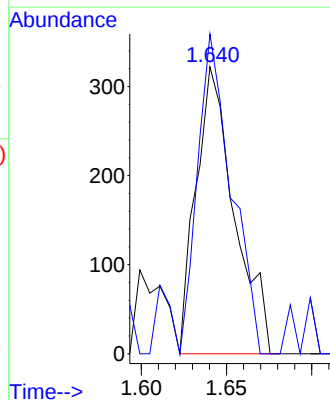
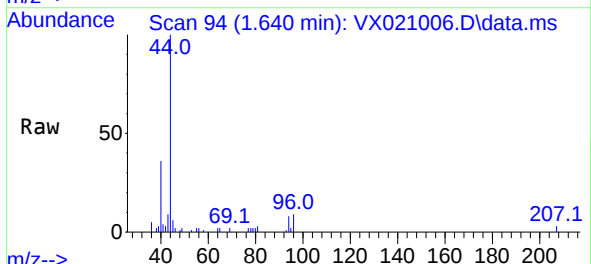
Instrument :
MSVOA_X
ClientSampled :

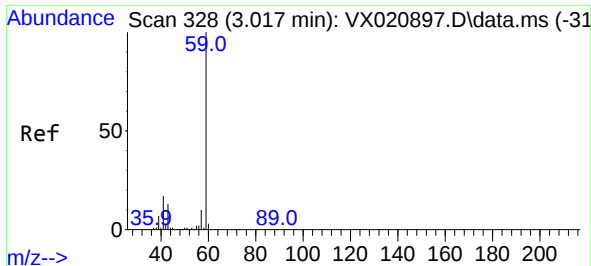
Tgt Ion:168 Resp: 219905
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 111.5 76.4 114.6



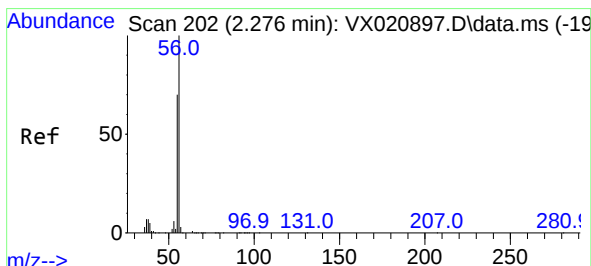
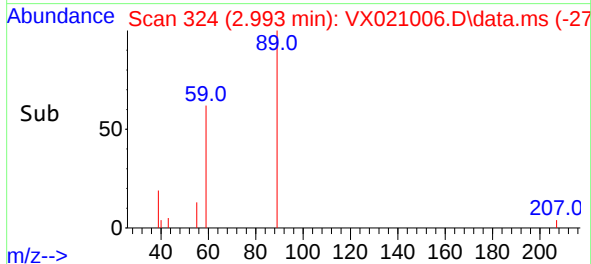
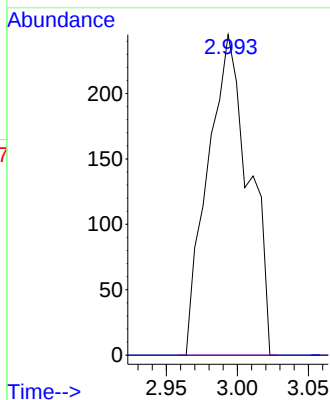
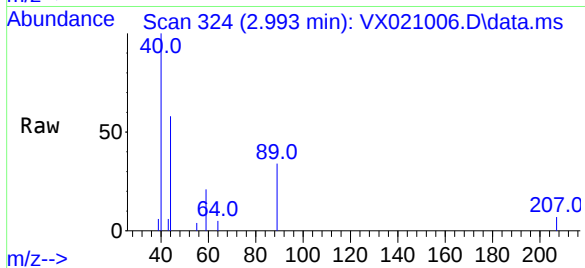


#11

Tert butyl alcohol
Concen: 0.75 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Instrument :
MSVOA_X
ClientSampled :

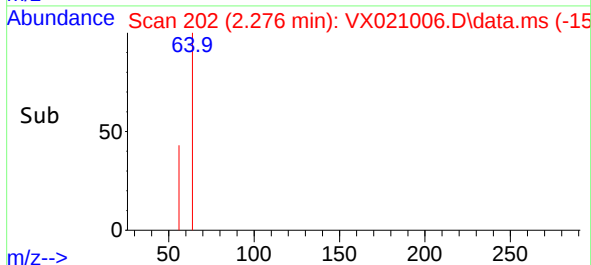
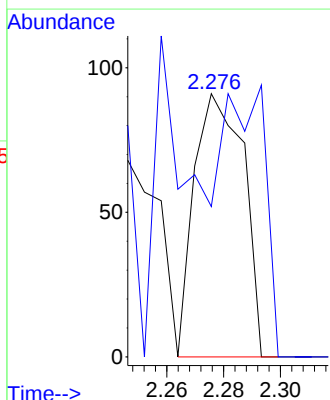
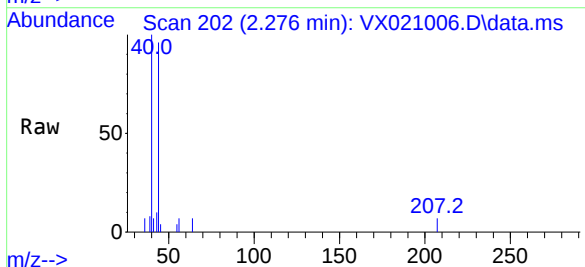
Tgt Ion: 59 Resp: 494
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

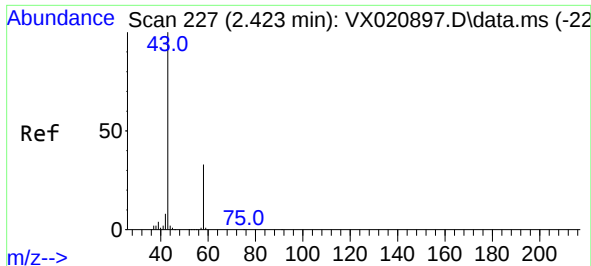


#13

Acrolein
Concen: 0.27 ug/l
RT: 2.276 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 84.5 56.4 84.6

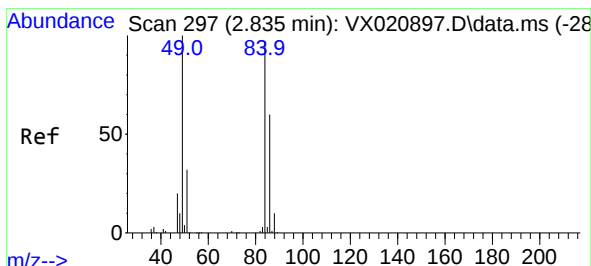
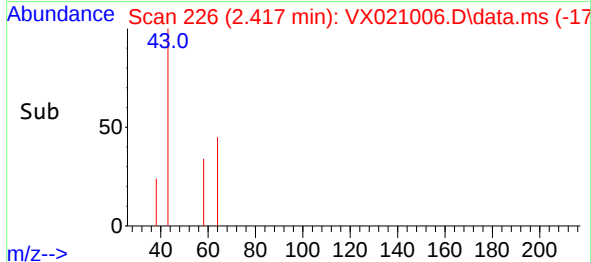
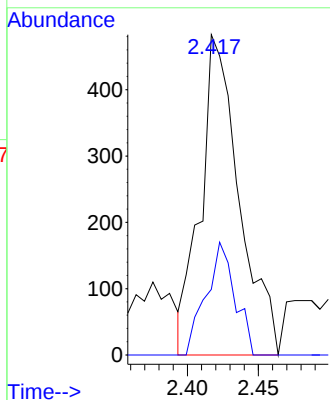
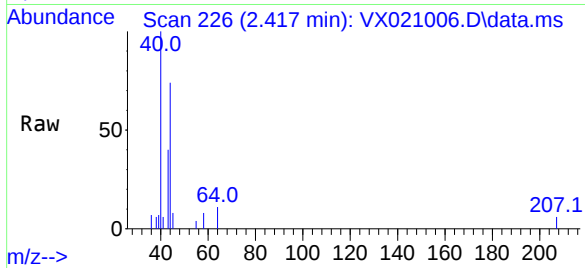




#16
Acetone
Concen: 0.75 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

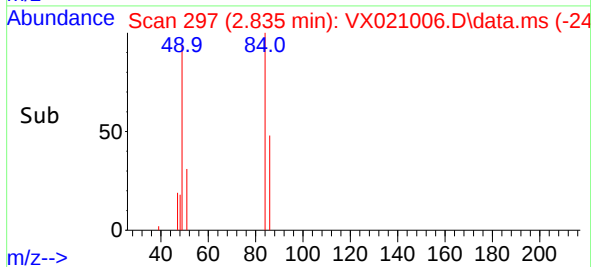
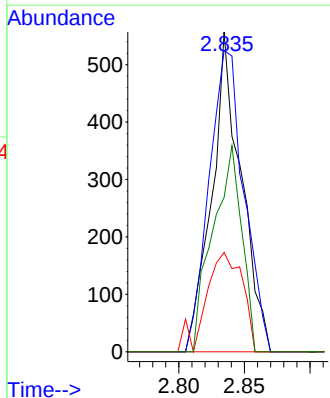
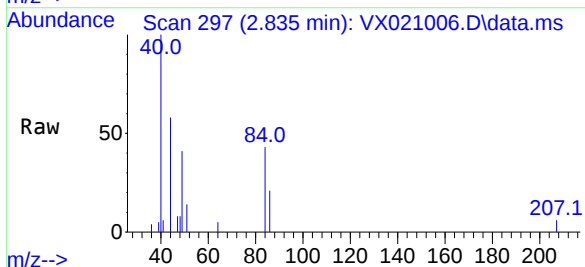
Instrument :
MSVOA_X
ClientSampled :

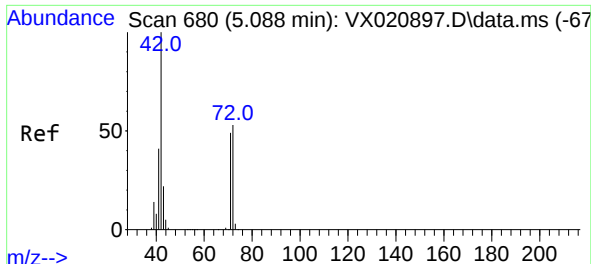
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 20.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Tgt Ion: 84 Resp: 868
Ion Ratio Lower Upper
84 100
49 94.3 88.6 132.8
51 31.1 27.0 40.6
86 48.3 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.100 min Scan# 682

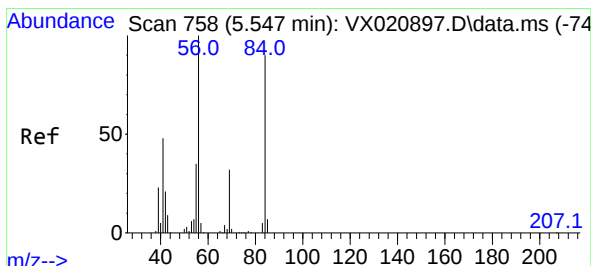
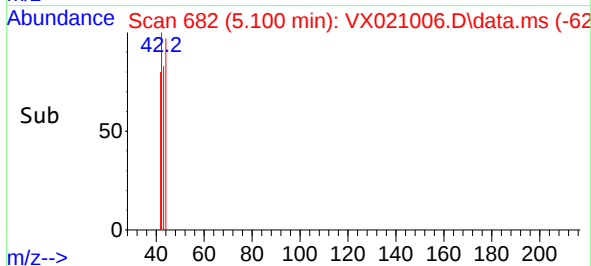
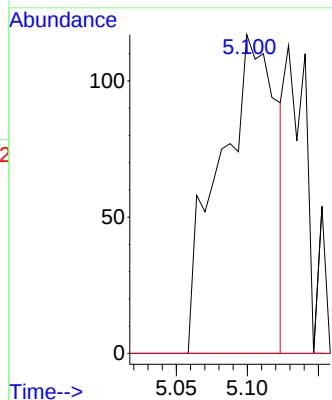
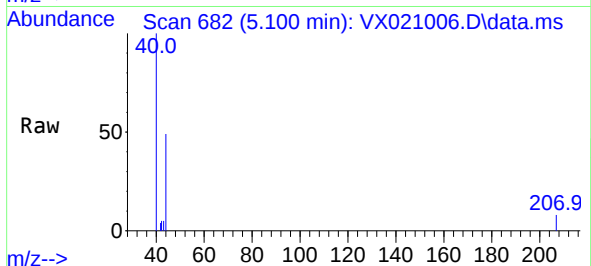
Delta R.T. 0.012 min

Lab File: VX021006.D

Acq: 04 Mar 2021 11:49

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	42	Resp:	325
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.01 ug/l

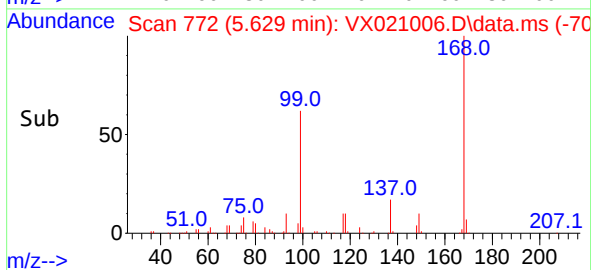
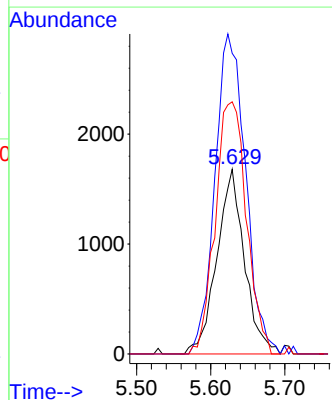
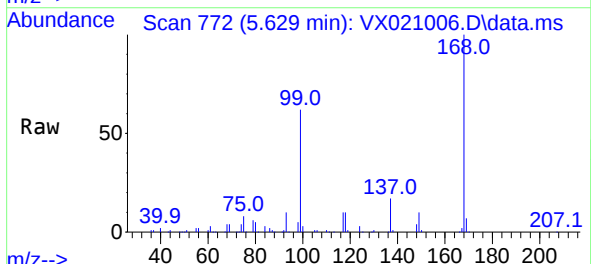
RT: 5.629 min Scan# 772

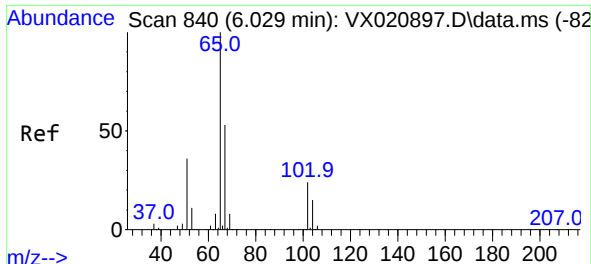
Delta R.T. 0.082 min

Lab File: VX021006.D

Acq: 04 Mar 2021 11:49

Tgt Ion:	56	Resp:	4358
Ion	Ratio	Lower	Upper
56	100		
69	162.8	25.3	37.9#
84	136.5	71.4	107.0#



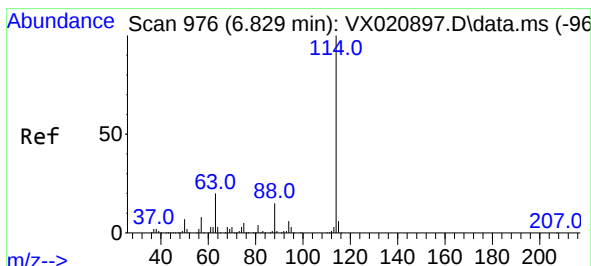
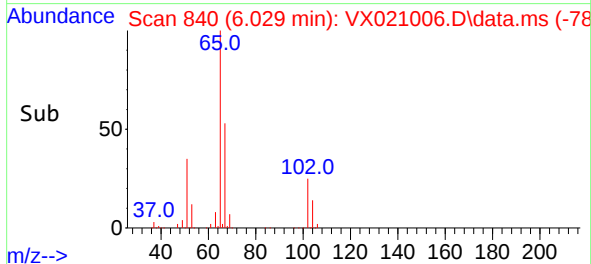
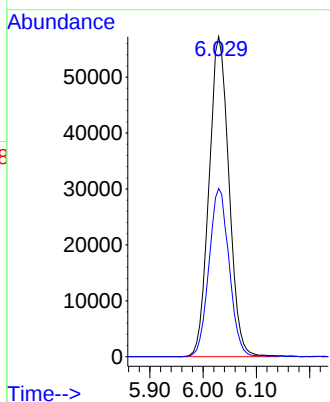
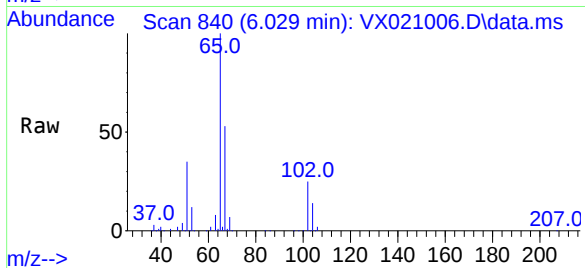


#33

1,2-Dichloroethane-d4
Concen: 50.07 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Instrument :
MSVOA_X
ClientSampled :

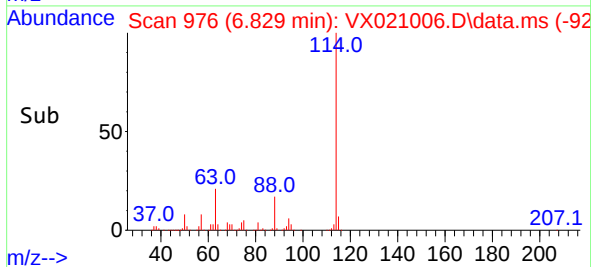
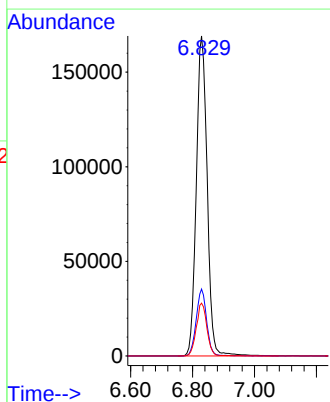
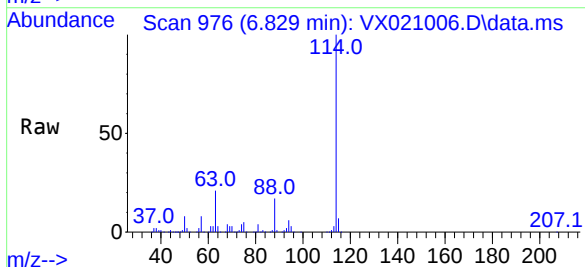
Tgt Ion: 65 Resp: 148715
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

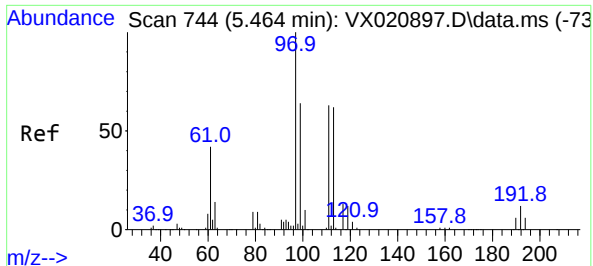


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Tgt Ion:114 Resp: 411812
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.5 0.0 32.8

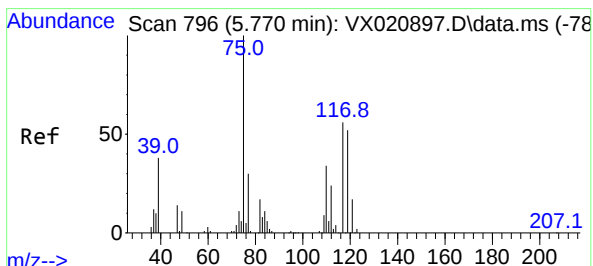
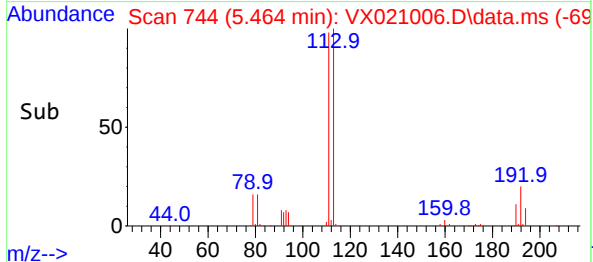
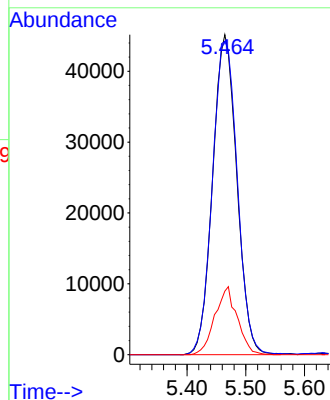
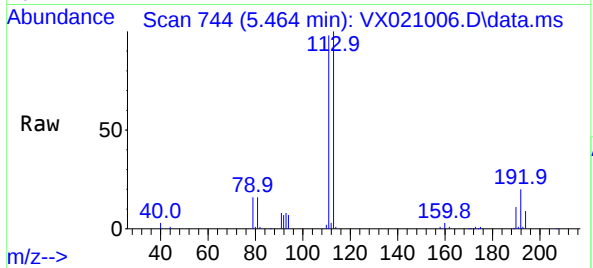




#35
Dibromofluoromethane
Concen: 51.61 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

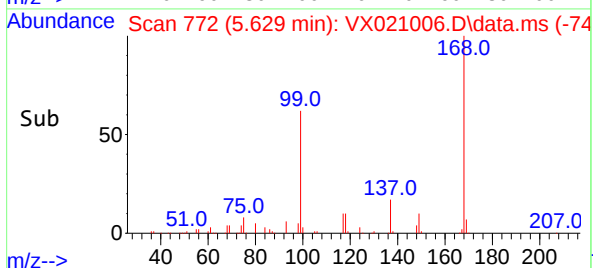
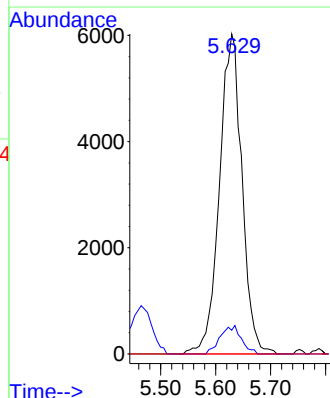
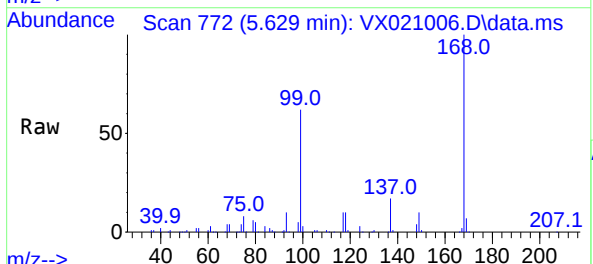
Instrument :
MSVOA_X
ClientSampled :

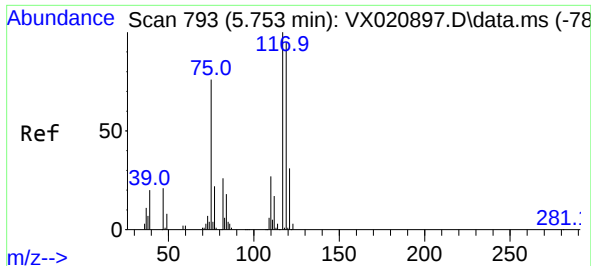
Tgt Ion:113 Resp: 129145
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Tgt Ion: 75 Resp: 17148
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

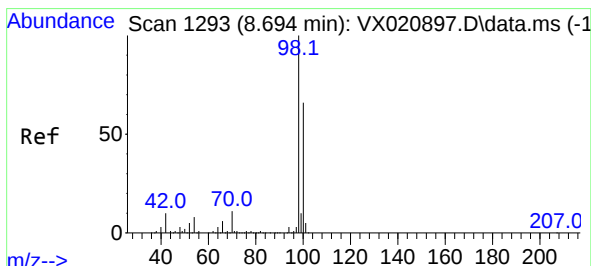
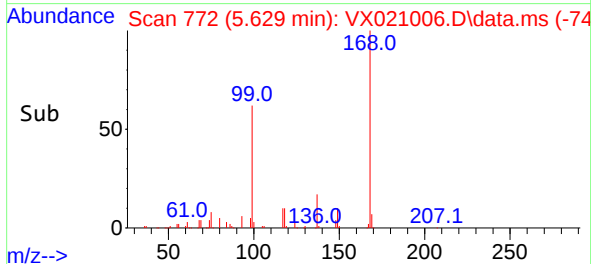
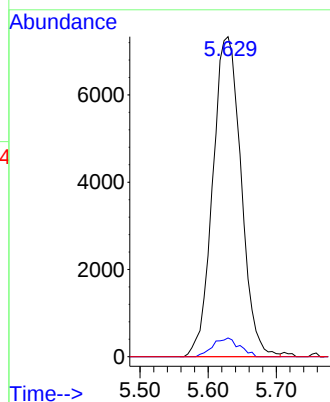
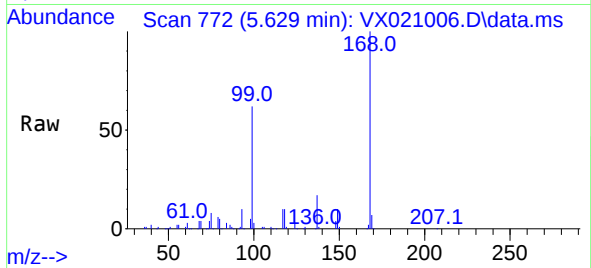




#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

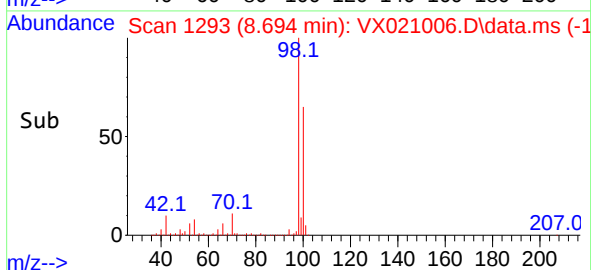
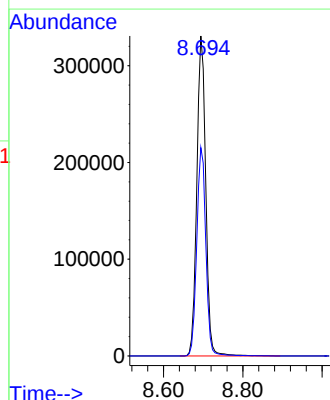
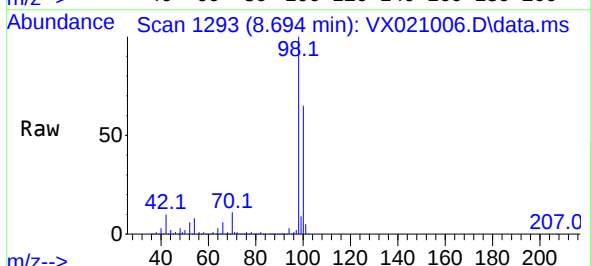
Instrument :
MSVOA_X
ClientSampleId :

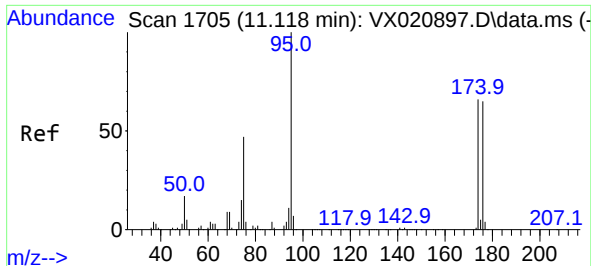
Tgt Ion:117 Resp: 21203
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.82 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Tgt Ion: 98 Resp: 515286
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

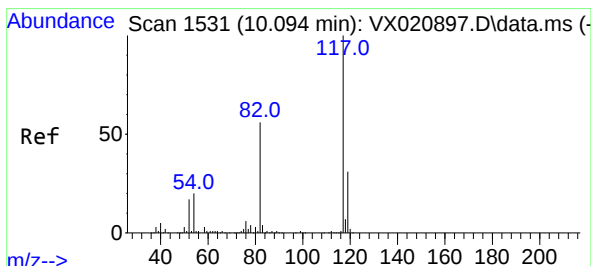
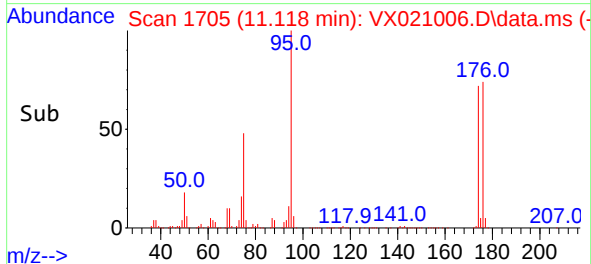
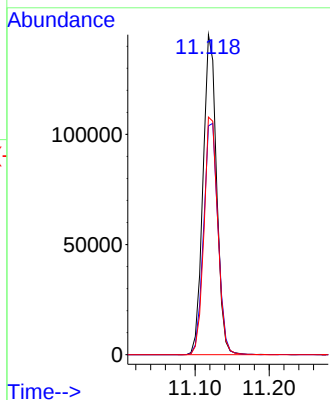
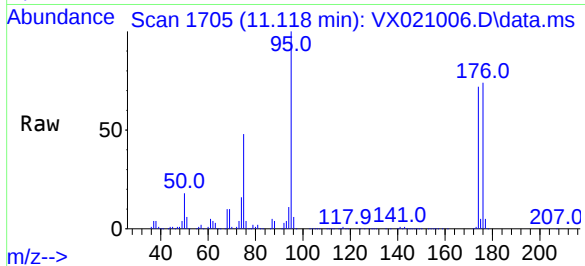




#62
4-Bromofluorobenzene
Concen: 51.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

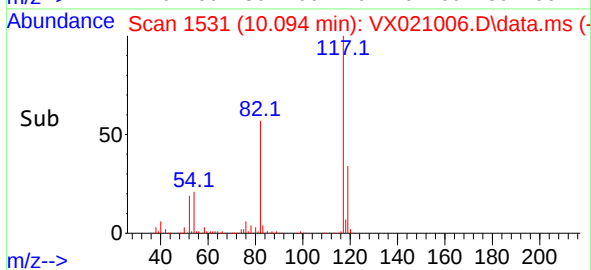
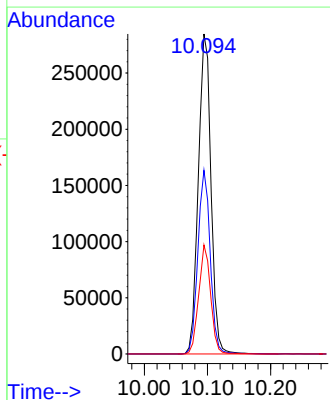
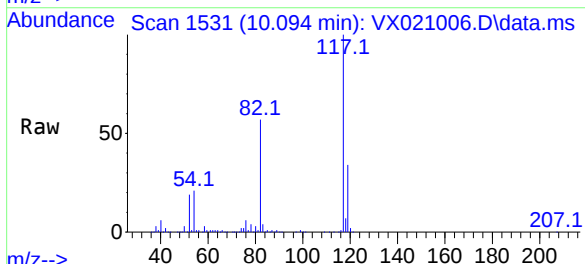
Instrument :
MSVOA_X
ClientSampled :

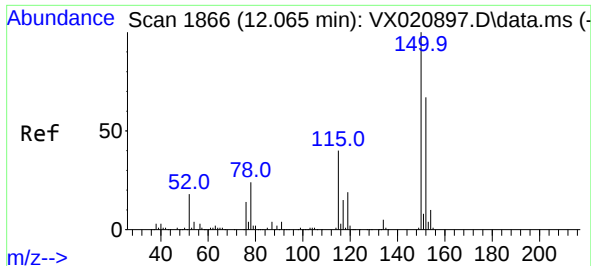
Tgt Ion: 95 Resp: 185087
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Tgt Ion: 117 Resp: 396634
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 34.0 26.6 39.8

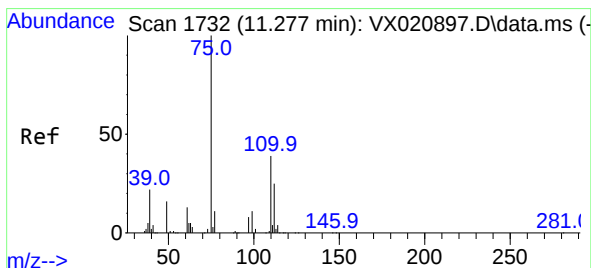
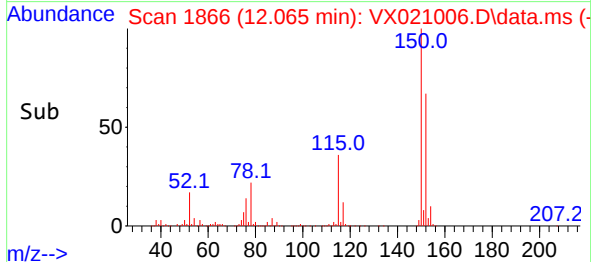
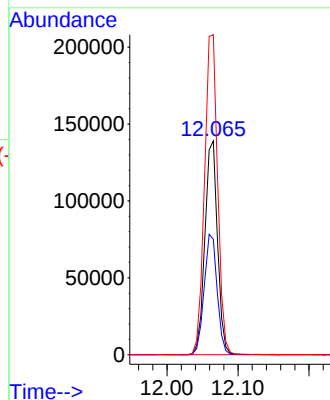
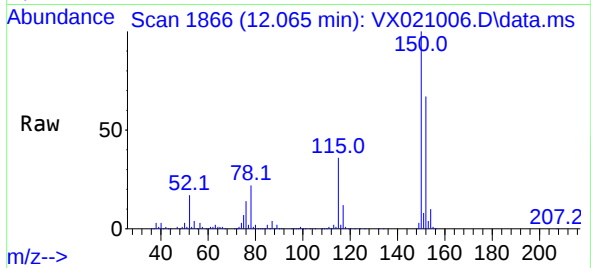




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

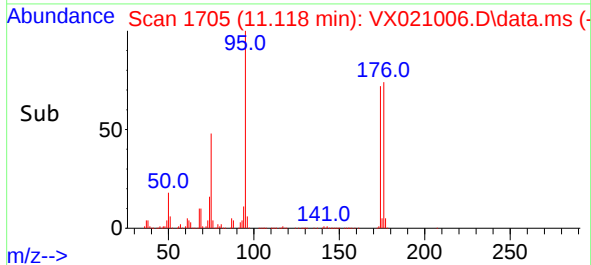
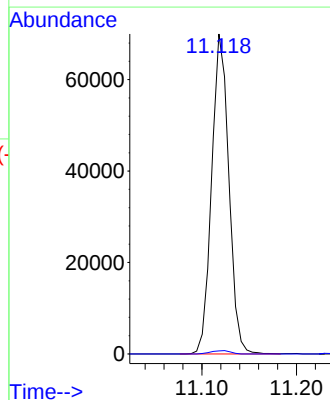
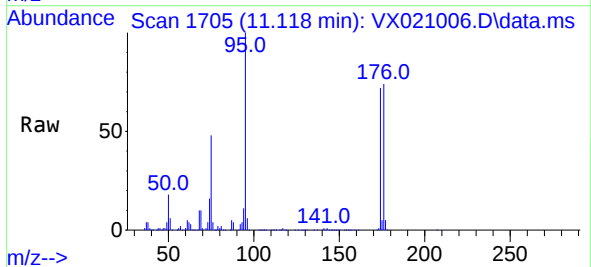
Instrument :
MSVOA_X
ClientSampled :

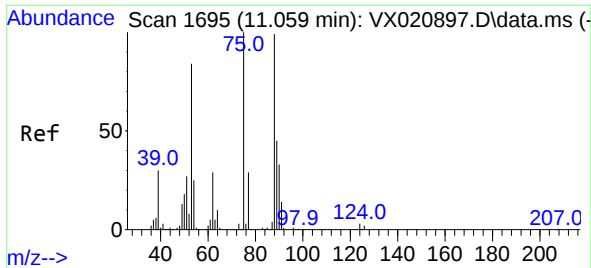
Tgt Ion:152 Resp: 172403
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 155.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.75 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

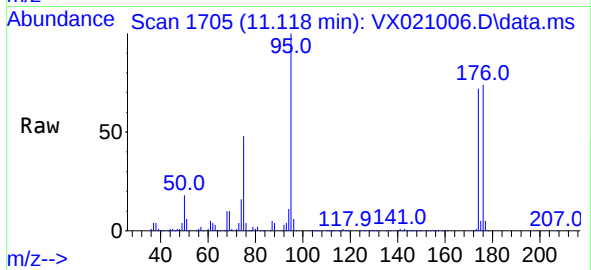
Tgt Ion: 75 Resp: 88098
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.59 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021006.D
Acq: 04 Mar 2021 11:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 88098
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

