

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021010.D
 Acq On : 04 Mar 2021 13:42
 Operator : JC/MD
 Sample : M1552-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 04 14:33:46 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)

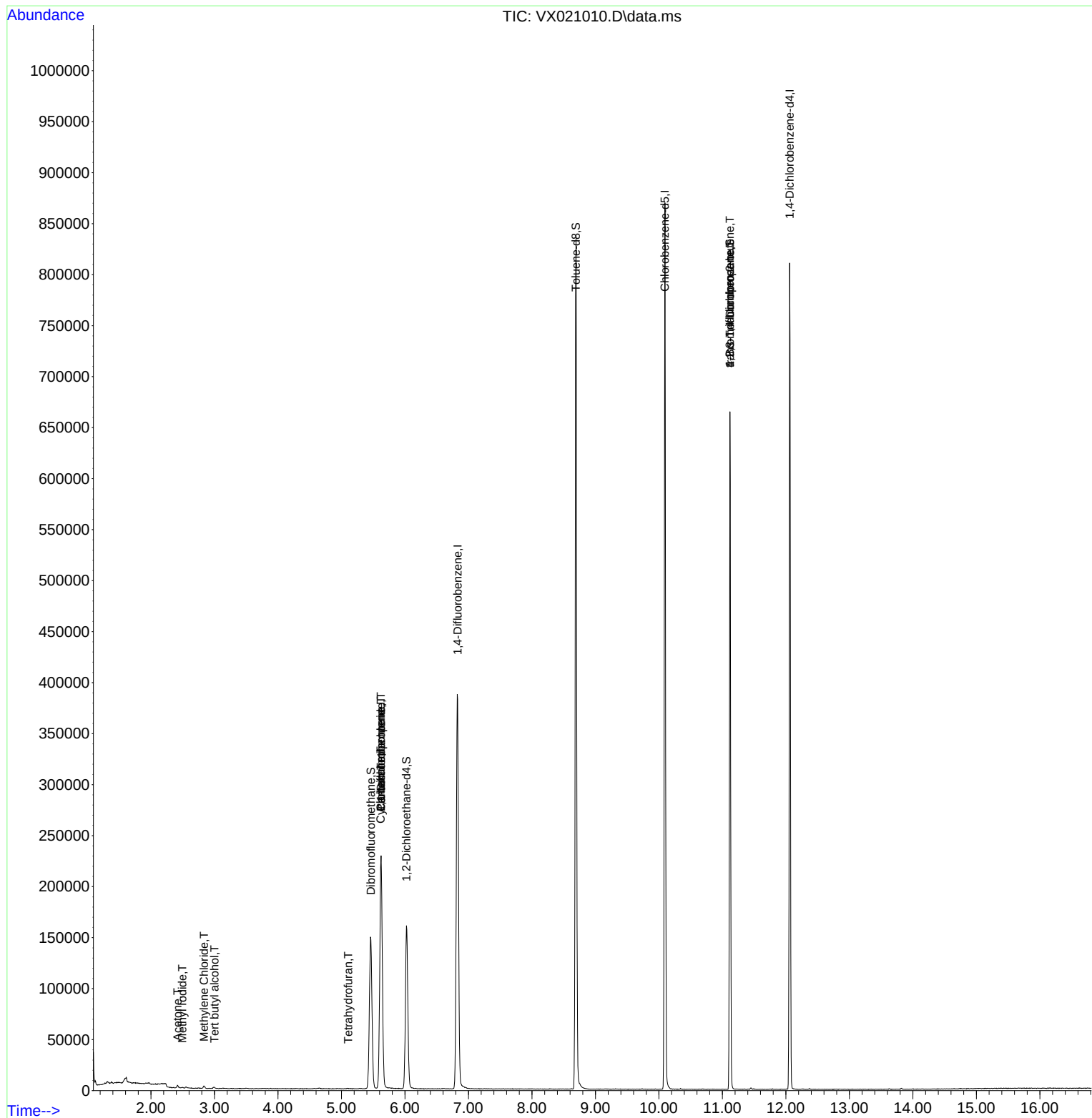
Internal Standards						
1) Pentafluorobenzene	5.623	168	221499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	418323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	389735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	172317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	151079	50.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.00%			
35) Dibromofluoromethane	5.464	113	131860	51.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.76%			
50) Toluene-d8	8.694	98	507836	51.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.48%			
62) 4-Bromofluorobenzene	11.118	95	184381	50.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.64%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	462	Below Cal	#	80
10) Methyl Iodide	2.493	142	787	0.25 ug/l	#	92
11) Tert butyl alcohol	2.999	59	850	1.28 ug/l	#	73
16) Acetone	2.417	43	2941	2.39 ug/l		88
20) Methylene Chloride	2.834	84	1128	0.38 ug/l		96
29) Tetrahydrofuran	5.105	42	261	0.22 ug/l	#	32
31) Cyclohexane	5.617	56	4428	1.02 ug/l	#	1
36) 1,1-Dichloropropene	5.623	75	17403	4.38 ug/l	#	48
38) Carbon Tetrachloride	5.623	117	21386	5.55 ug/l	#	16
76) 1,2,3-Trichloropropane	11.118	75	87732	23.67 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87732	52.40 ug/l	#	12

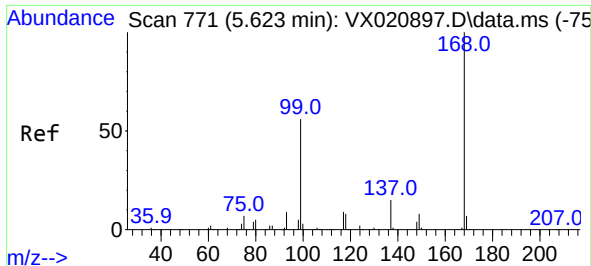
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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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

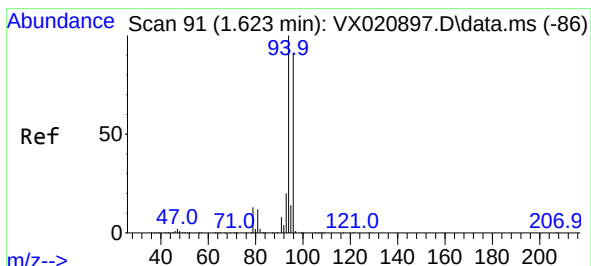
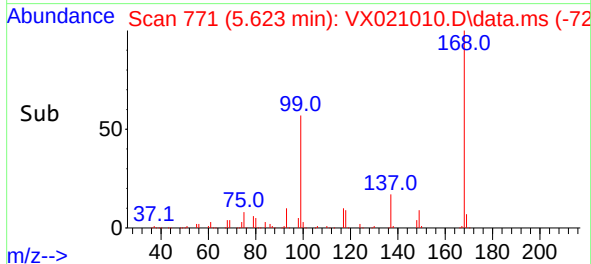
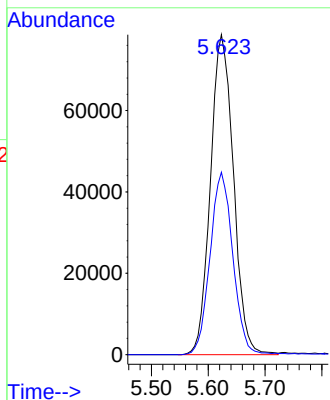
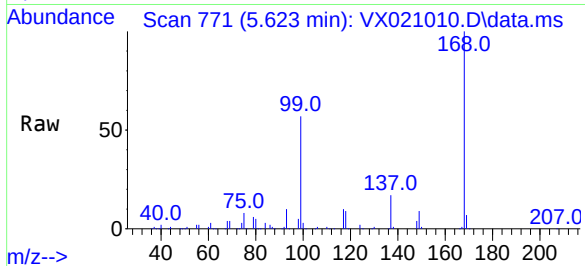




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

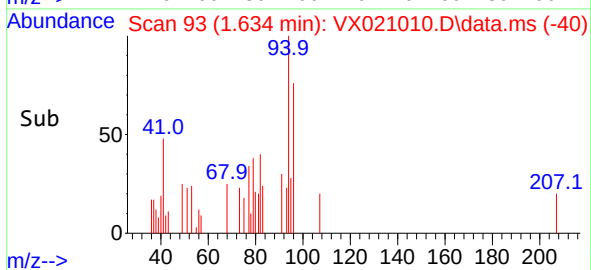
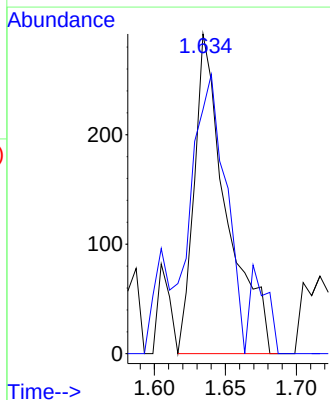
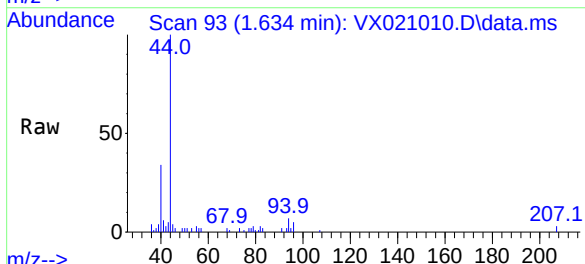
Instrument :
MSVOA_X
ClientSampleId :

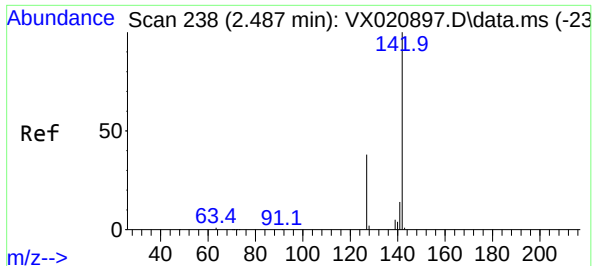
Tgt Ion:168 Resp: 221499
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 76.4 76.4 114.6#

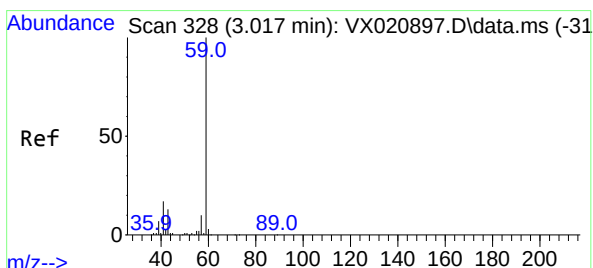
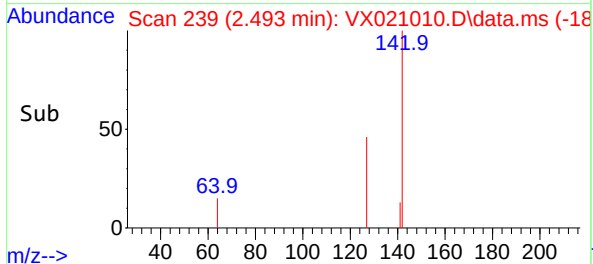
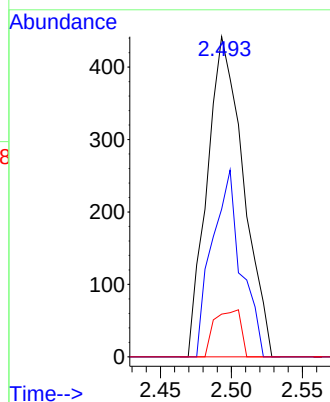
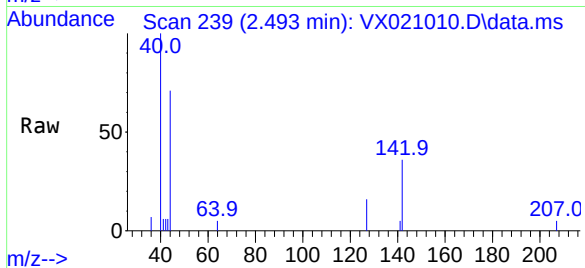




#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

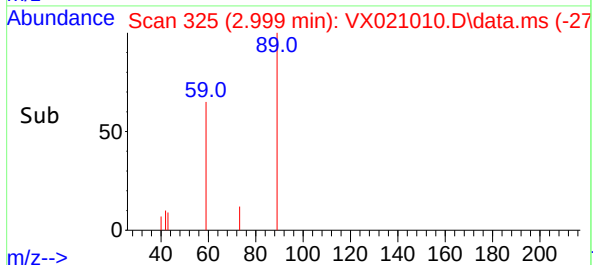
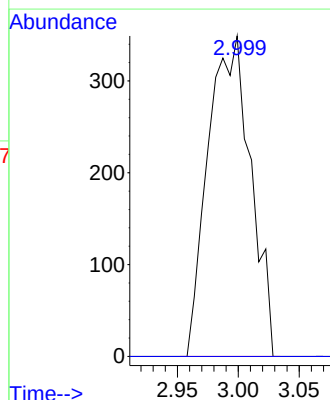
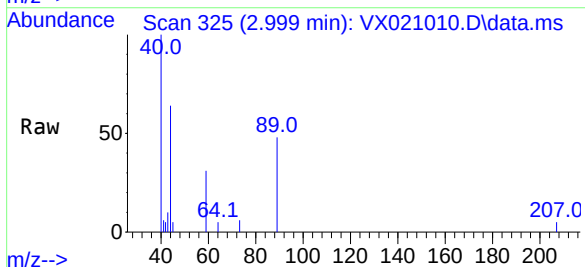
Instrument :
MSVOA_X
ClientSampleId :

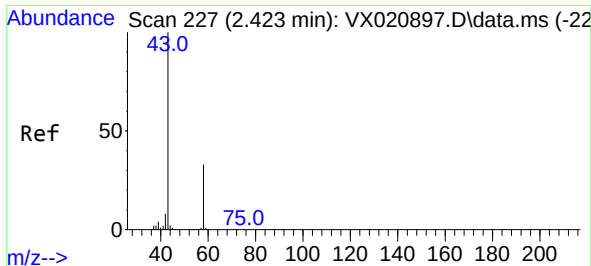
Tgt Ion:142 Resp: 787
Ion Ratio Lower Upper
142 100
127 46.6 33.3 49.9
141 10.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.28 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

Tgt Ion: 59 Resp: 850
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

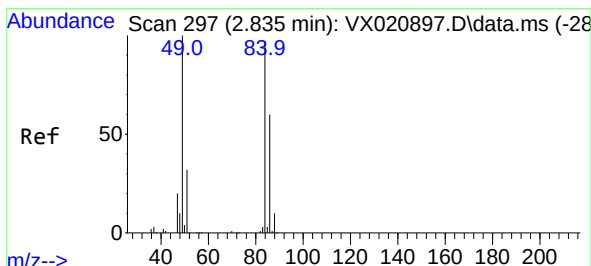
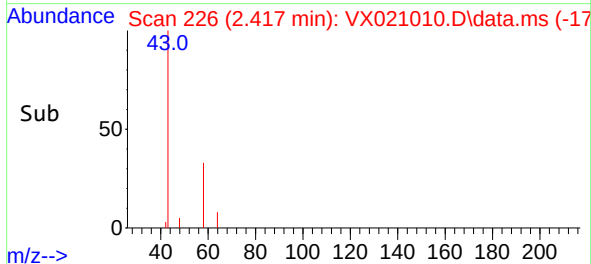
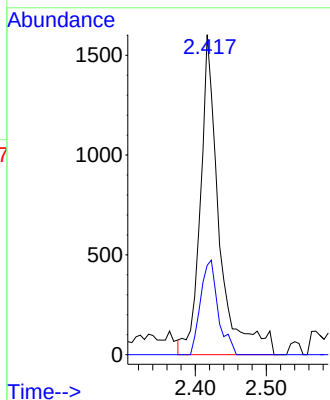
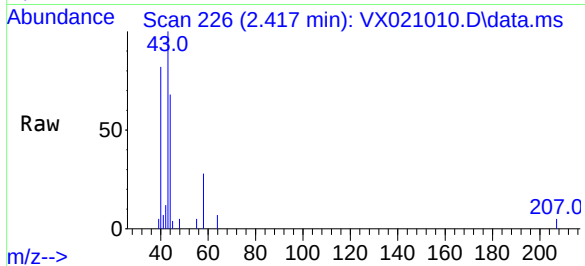




#16
Acetone
Concen: 2.39 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

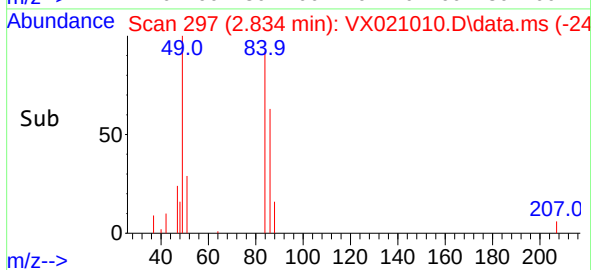
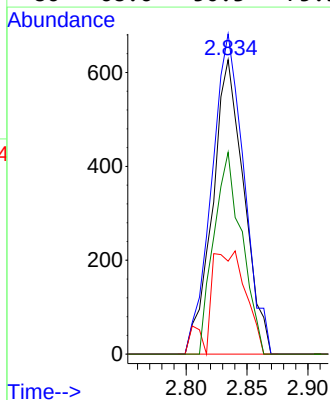
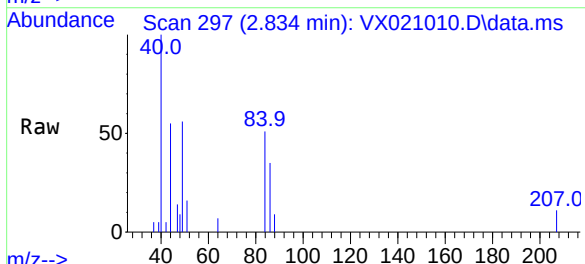
Instrument :
MSVOA_X
ClientSampleId :

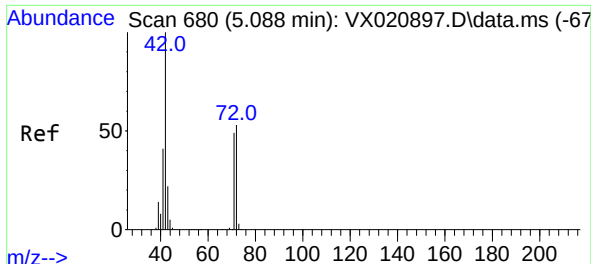
Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

Tgt Ion: 84 Resp: 1128
Ion Ratio Lower Upper
84 100
49 108.8 88.6 132.8
51 31.6 27.0 40.6
86 68.6 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.105 min Scan# 683

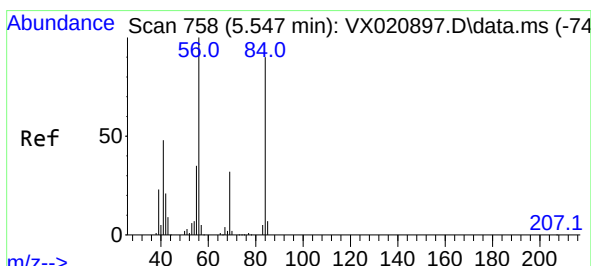
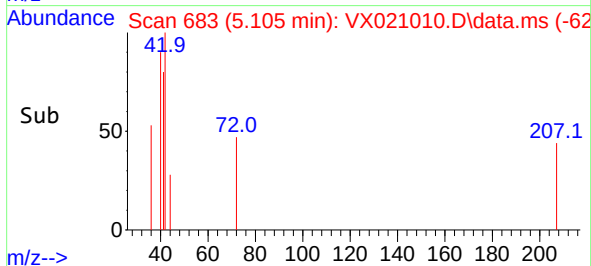
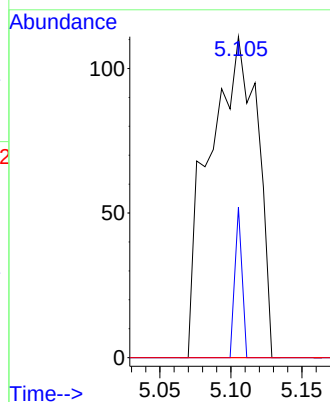
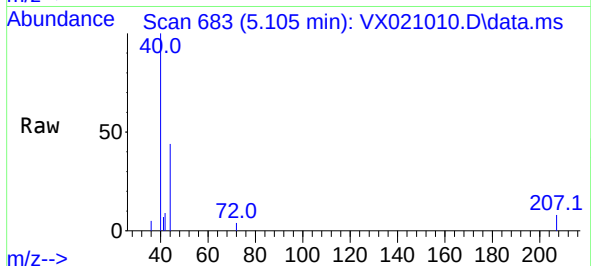
Delta R.T. 0.018 min

Lab File: VX021010.D

Acq: 04 Mar 2021 13:42

Tgt Ion:	42	Resp:	261
Ion	Ratio	Lower	Upper
42	100		
72	6.9	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.02 ug/l

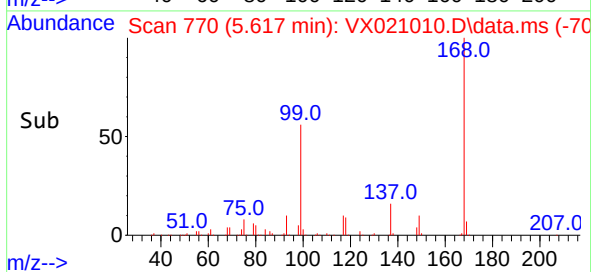
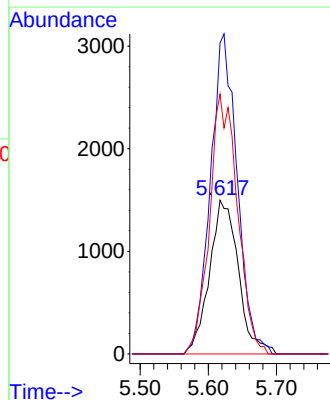
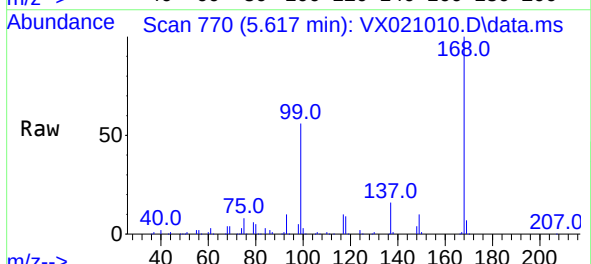
RT: 5.617 min Scan# 770

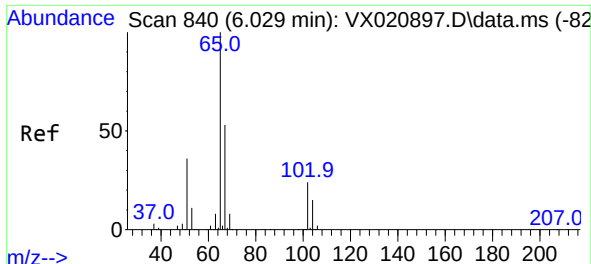
Delta R.T. 0.070 min

Lab File: VX021010.D

Acq: 04 Mar 2021 13:42

Tgt Ion:	56	Resp:	4428
Ion	Ratio	Lower	Upper
56	100		
69	202.2	25.3	37.9#
84	169.0	71.4	107.0#

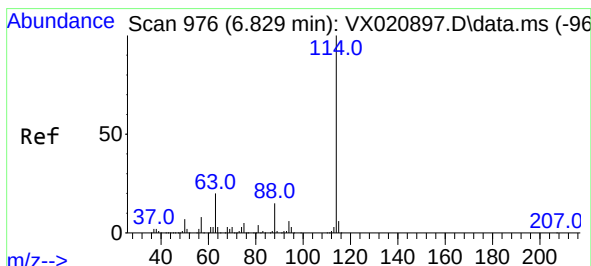
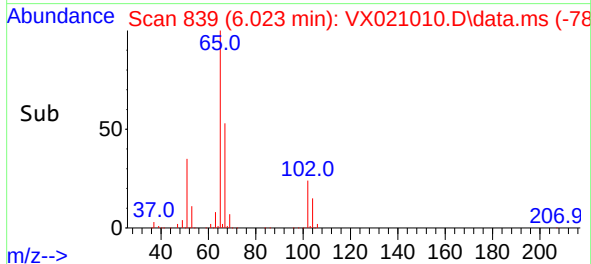
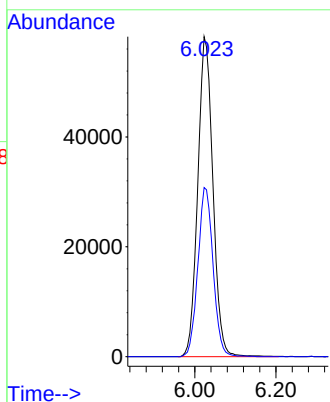
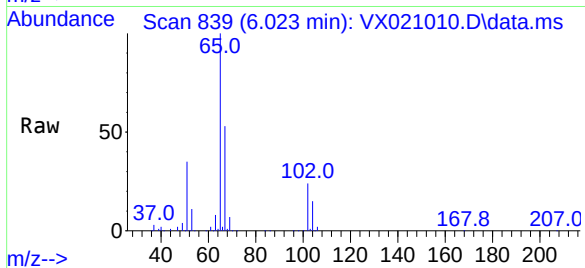




#33
1,2-Dichloroethane-d4
Concen: 50.50 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

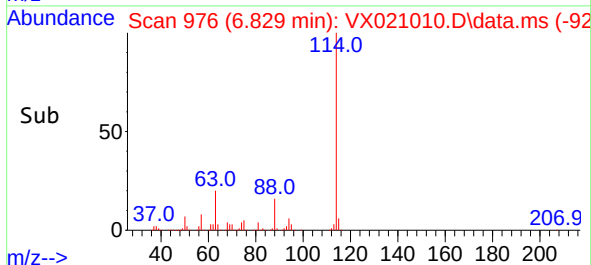
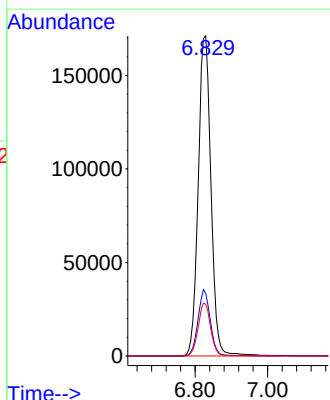
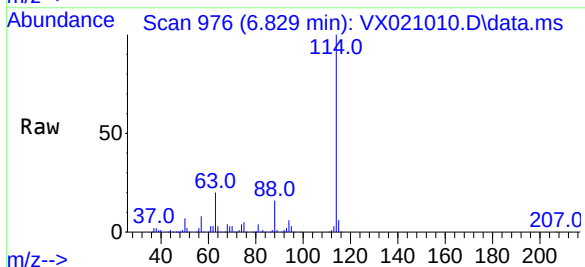
Instrument :
MSVOA_X
ClientSampled :

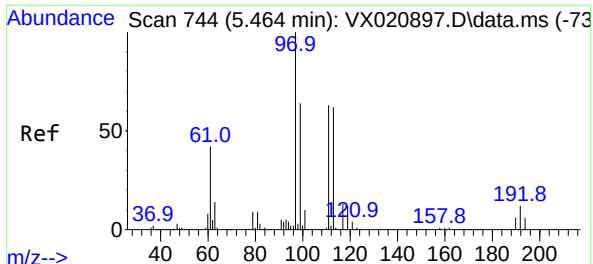
Tgt Ion: 65 Resp: 151079
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

Tgt Ion:114 Resp: 418323
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 16.2 0.0 32.8

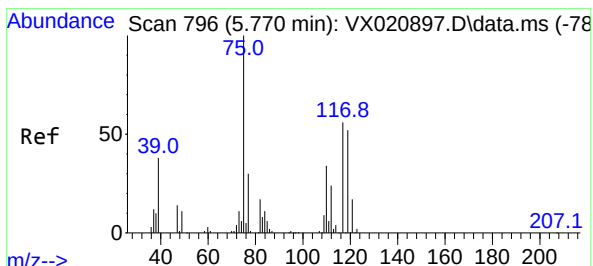
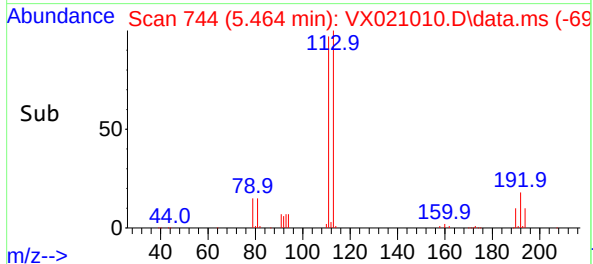
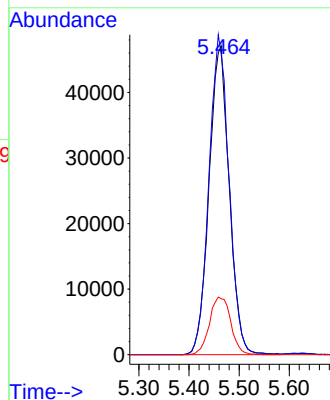
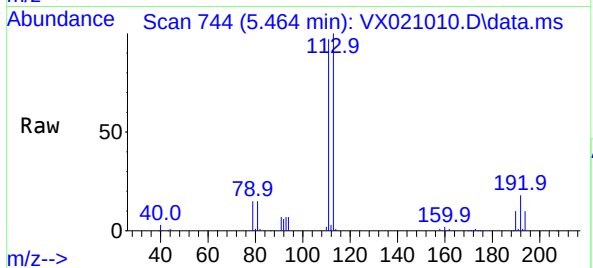




#35
Dibromofluoromethane
Concen: 51.88 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

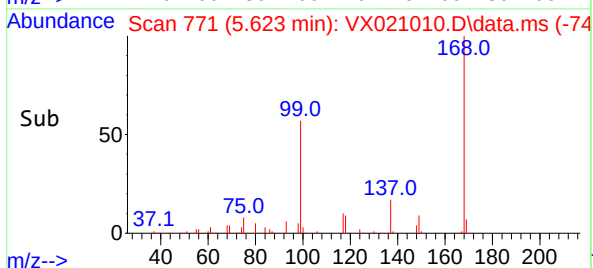
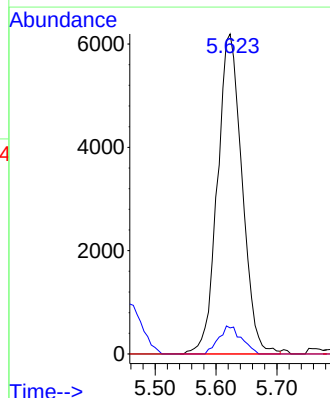
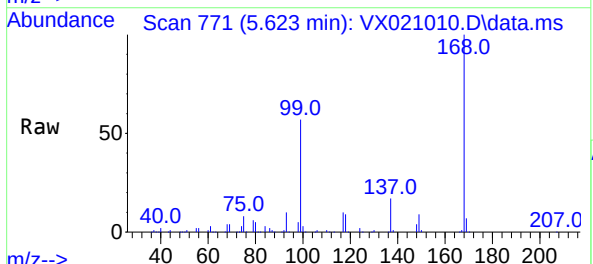
Instrument :
MSVOA_X
ClientSampleId :

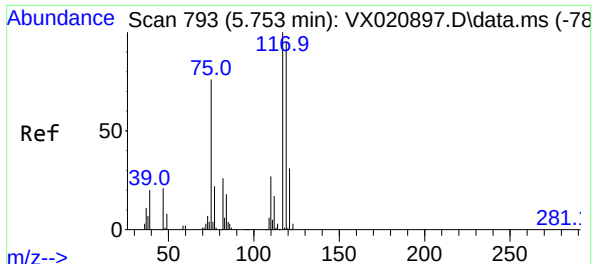
Tgt Ion:113 Resp: 131860
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

Tgt Ion: 75 Resp: 17403
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

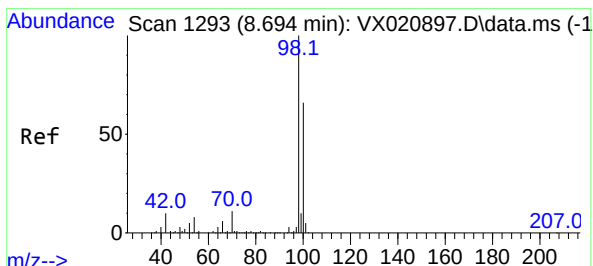
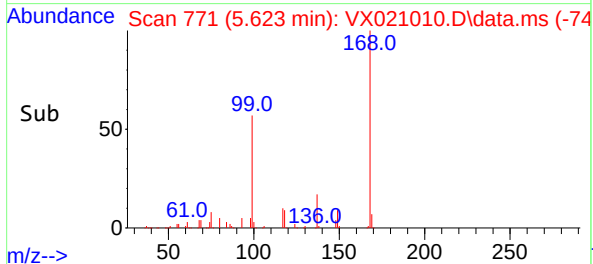
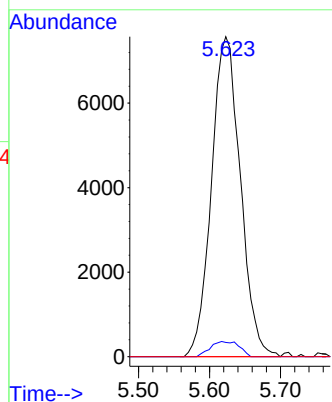
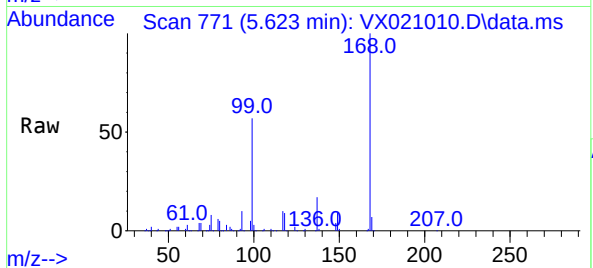




#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

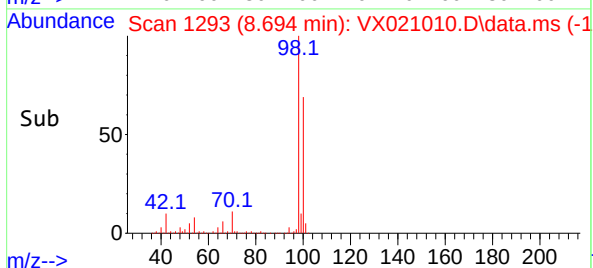
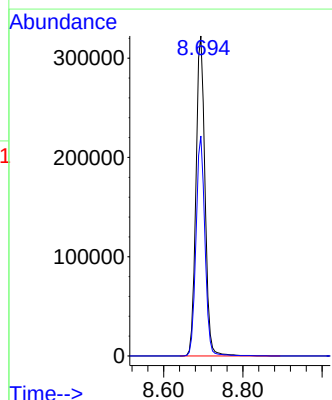
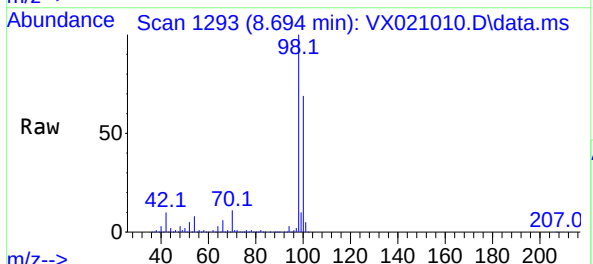
Instrument :
MSVOA_X
ClientSampled :

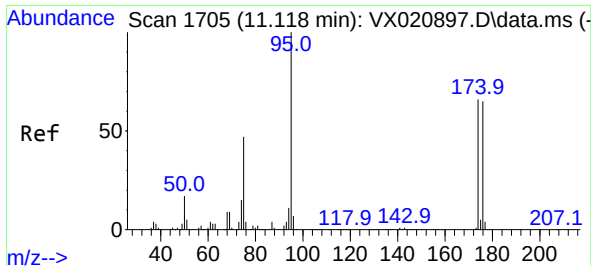
Tgt Ion:117 Resp: 21386
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.24 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

Tgt Ion: 98 Resp: 507836
Ion Ratio Lower Upper
98 100
100 68.0 51.9 77.9

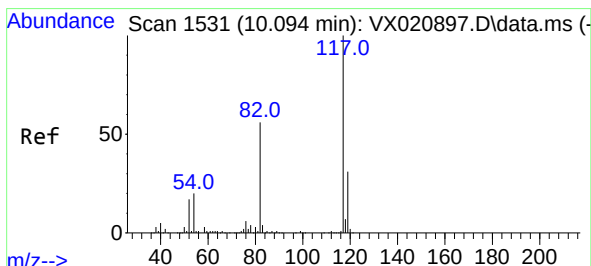
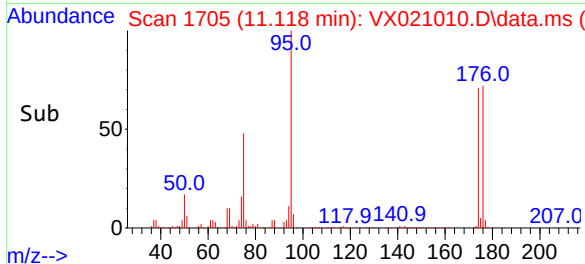
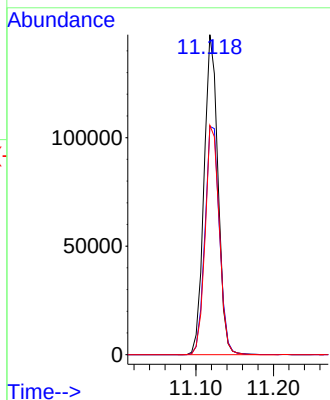
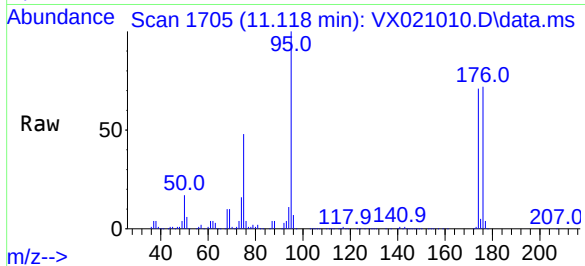




#62
4-Bromofluorobenzene
Concen: 50.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

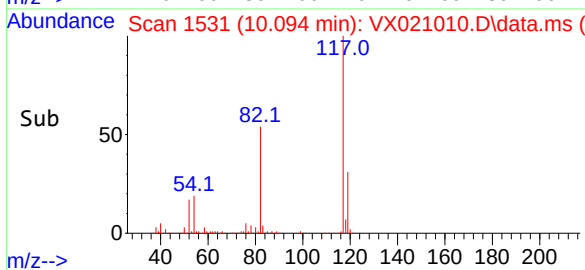
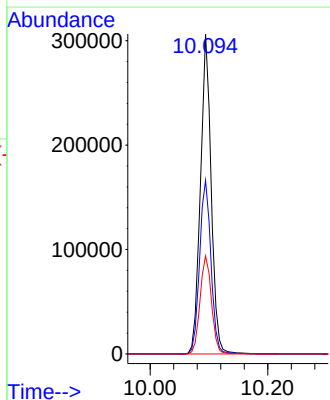
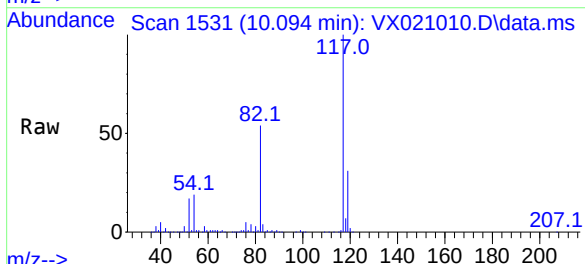
Instrument :
MSVOA_X
ClientSampleId :

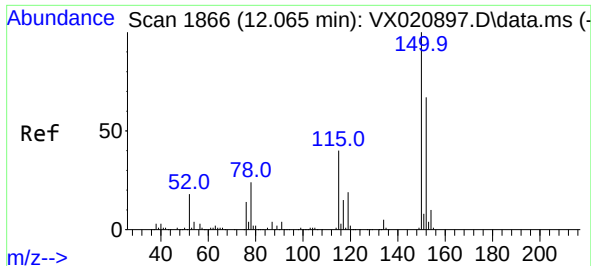
Tgt Ion: 95 Resp: 184381
Ion Ratio Lower Upper
95 100
174 74.3 0.0 154.6
176 72.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

Tgt Ion: 117 Resp: 389735
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 30.7 26.6 39.8

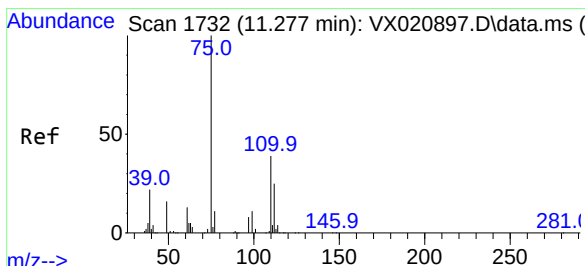
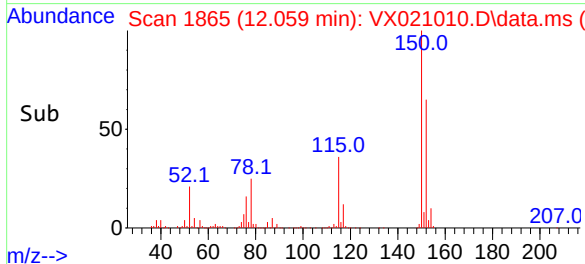
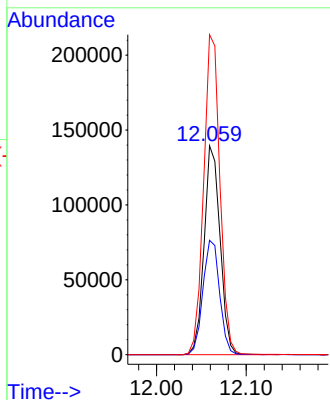
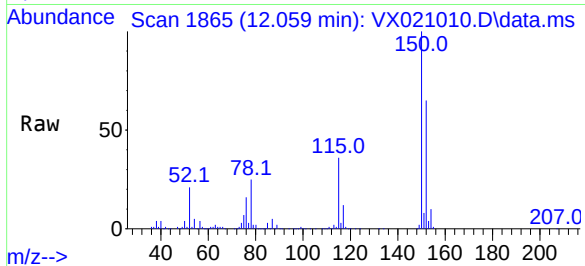




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

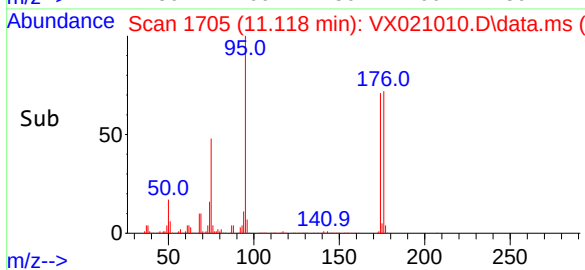
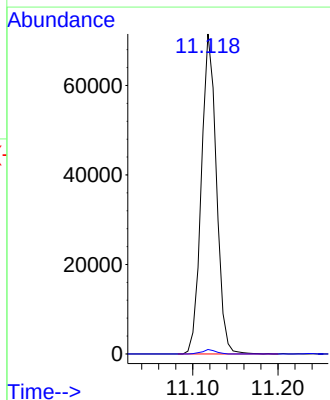
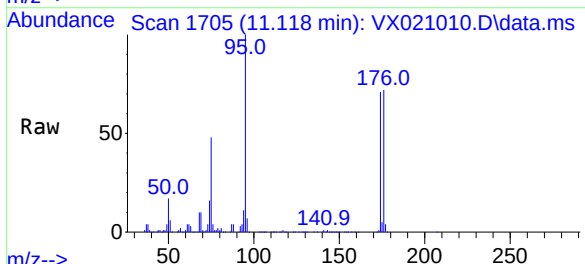
Instrument :
MSVOA_X
ClientSampleId :

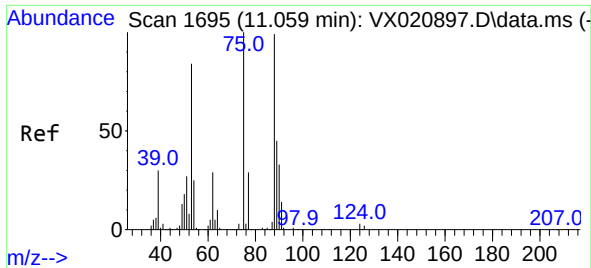
Tgt Ion:152 Resp: 172317
Ion Ratio Lower Upper
152 100
115 57.3 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.67 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021010.D
Acq: 04 Mar 2021 13:42

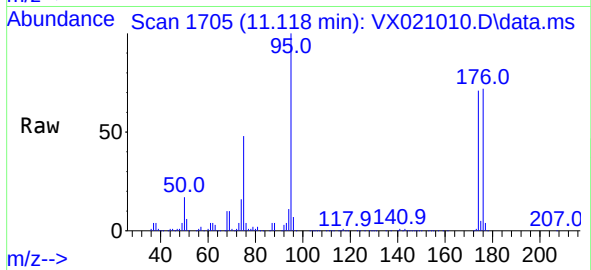
Tgt Ion: 75 Resp: 87732
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.40 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021010.D
 Acq: 04 Mar 2021 13:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 87732
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

