

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021135.D
 Acq On : 10 Mar 2021 14:36
 Operator : JC/MD
 Sample : M1628-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 02:12:01 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)

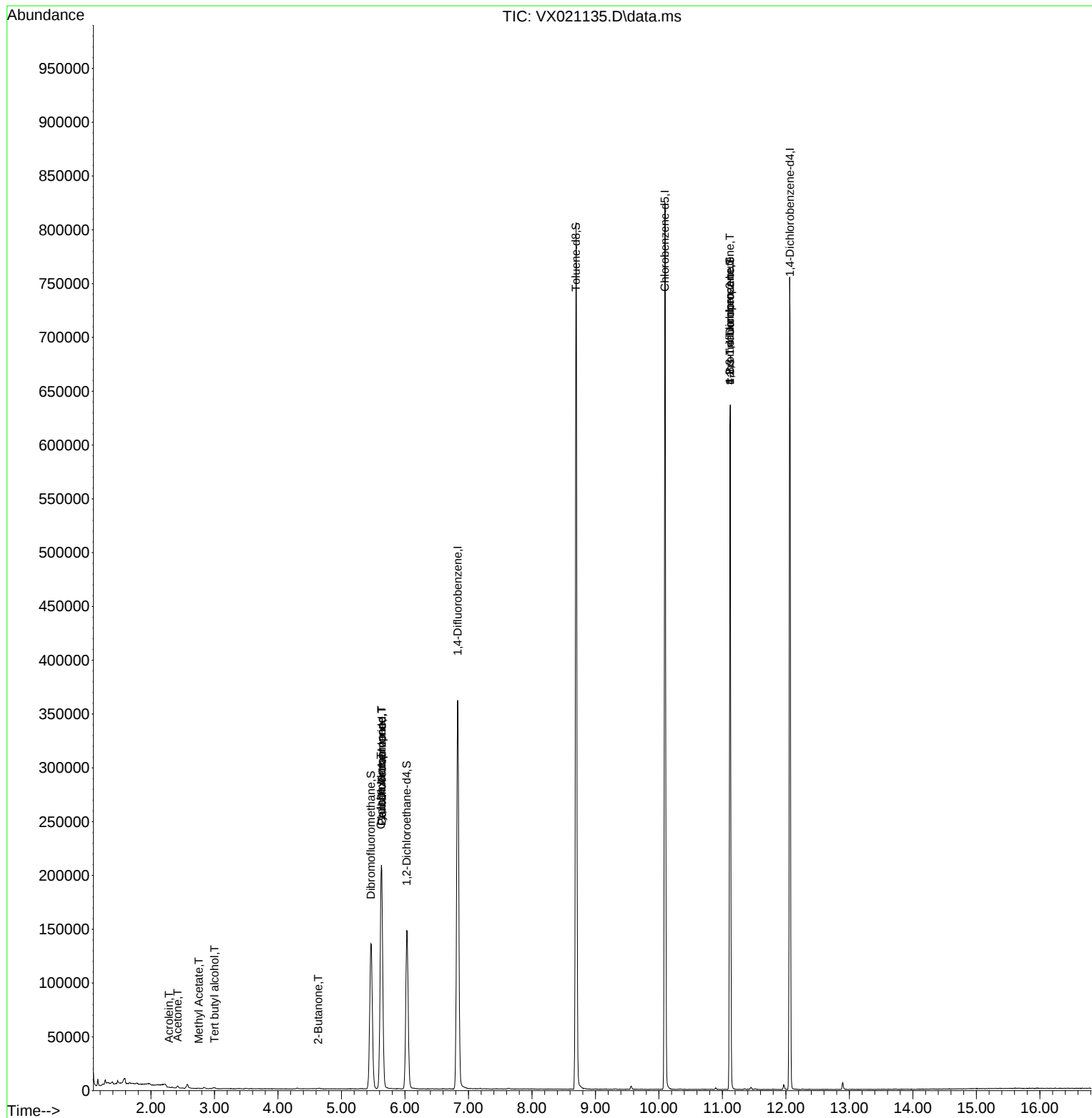
Internal Standards						
1) Pentafluorobenzene	5.635	168	205285	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	380826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	384232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	163206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	140389	50.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.26%			
35) Dibromofluoromethane	5.464	113	120697	52.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.32%			
50) Toluene-d8	8.694	98	482618	53.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.98%			
62) 4-Bromofluorobenzene	11.118	95	181663	54.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.92%			
Target Compounds						
5) Bromomethane	1.640	94	382	Below Cal		82
11) Tert butyl alcohol	2.999	59	707	1.14 ug/l #		73
13) Acrolein	2.281	56	97	0.25 ug/l		95
16) Acetone	2.417	43	2007	1.76 ug/l		100
18) Methyl Acetate	2.752	43	701	0.26 ug/l #		58
25) 2-Butanone	4.635	43	611	0.35 ug/l #		45
31) Cyclohexane	5.623	56	4155	1.03 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	15977	4.41 ug/l #		48
38) Carbon Tetrachloride	5.635	117	19521	5.57 ug/l #		17
76) 1,2,3-Trichloropropane	11.118	75	86102	24.52 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	86102	54.29 ug/l #		12

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

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MSVOA_X
ClientSampleId :

Quant Time: Mar 11 02:12:01 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

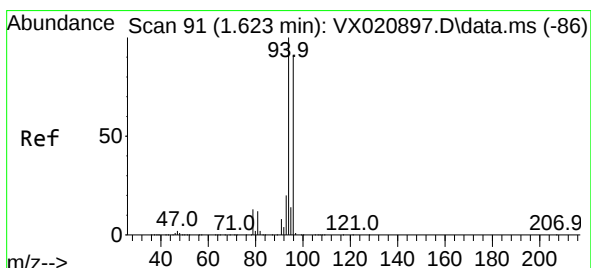
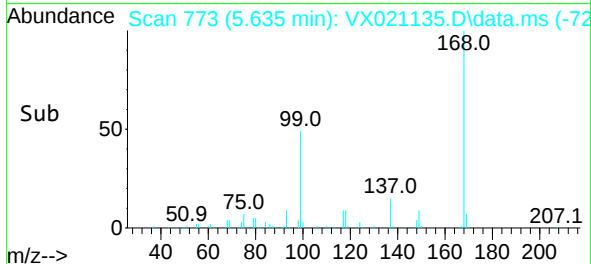
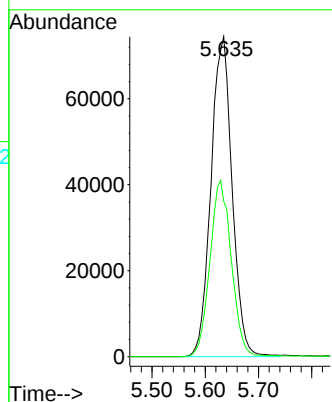
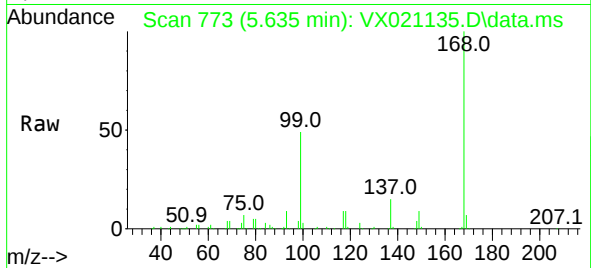




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

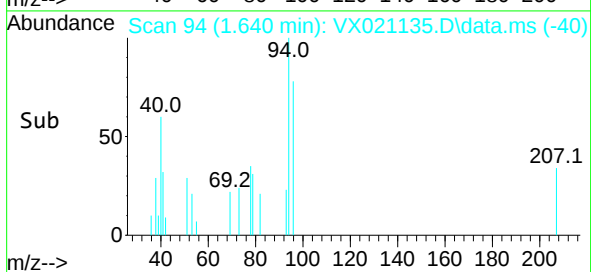
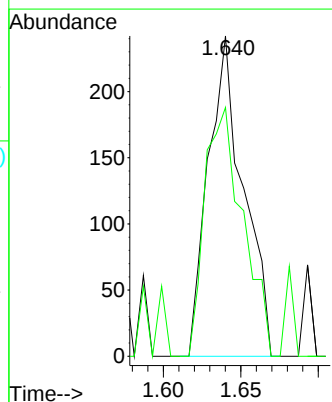
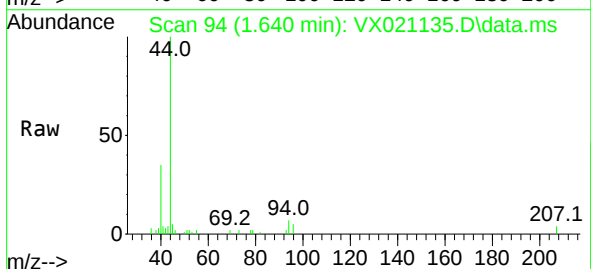
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 205285
Ion Ratio Lower Upper
168 100
99 48.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

Tgt Ion: 94 Resp: 382
Ion Ratio Lower Upper
94 100
96 77.7 76.4 114.6

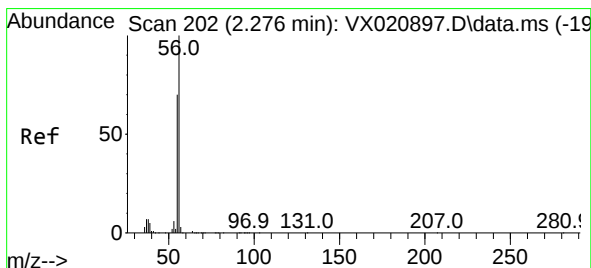
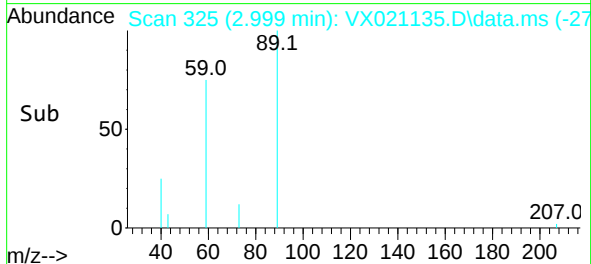
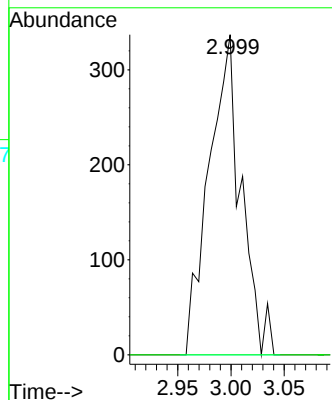
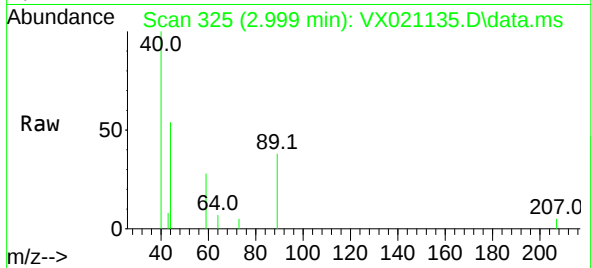




#11
Tert butyl alcohol
Concen: 1.14 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

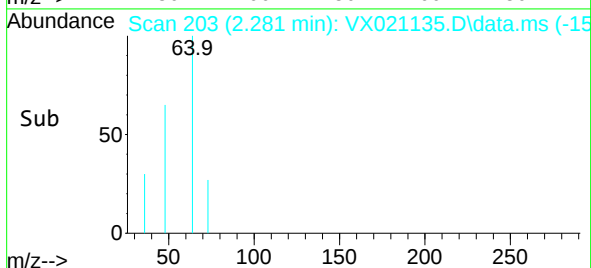
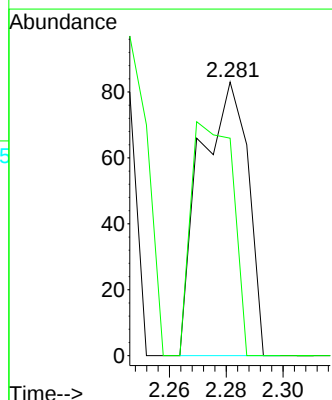
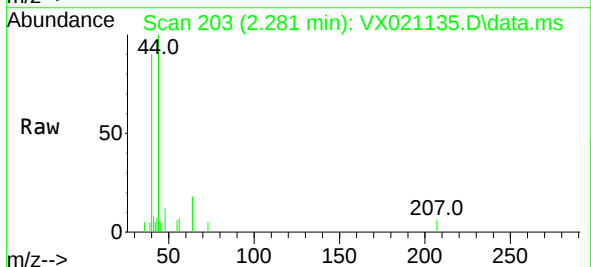
Instrument :
MSVOA_X
ClientSampled :

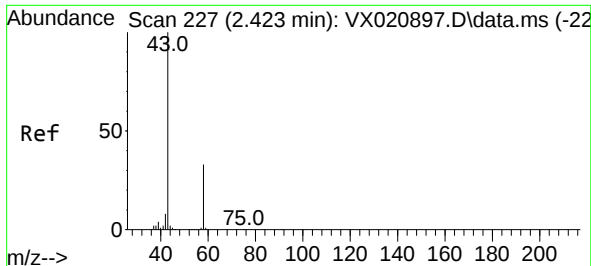
Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.25 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 74.2 56.4 84.6

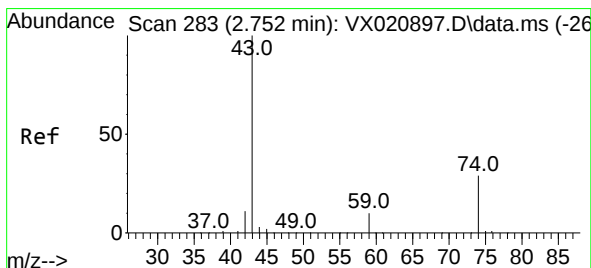
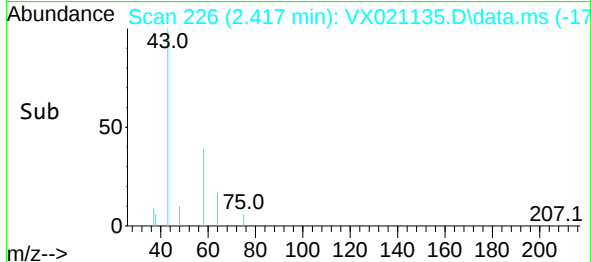
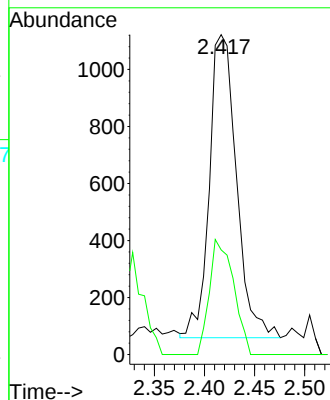
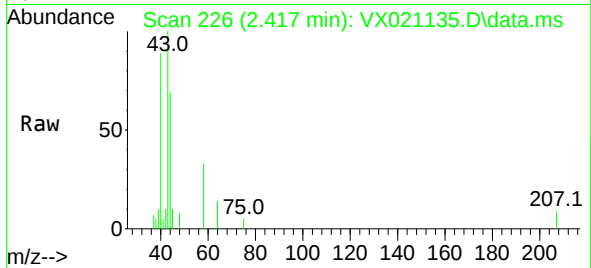




#16
Acetone
Concen: 1.76 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

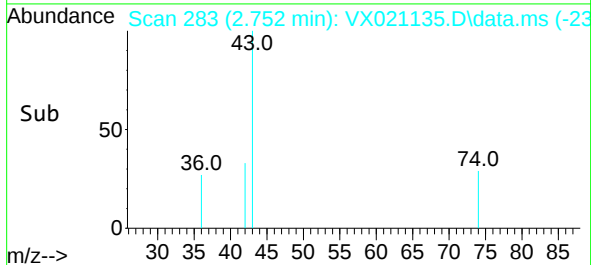
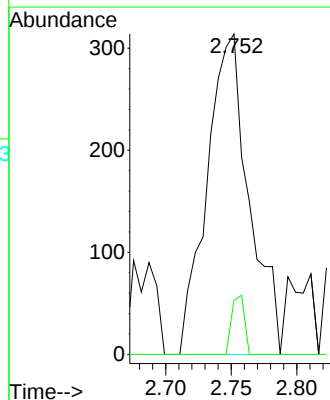
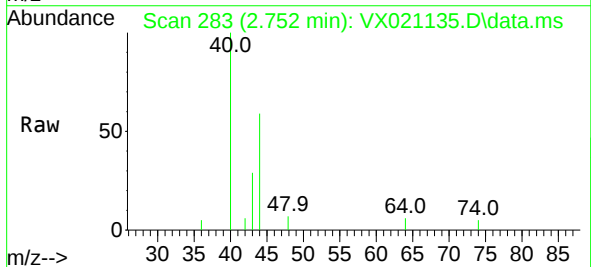
Instrument :
MSVOA_X
ClientSampled :

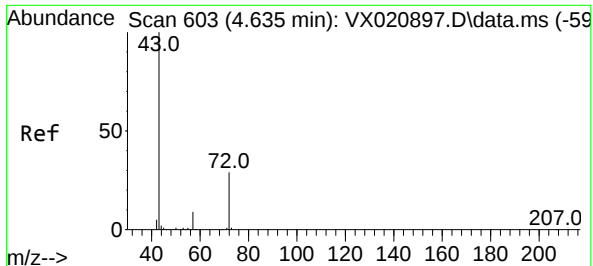
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
74 5.6 21.9 32.9#

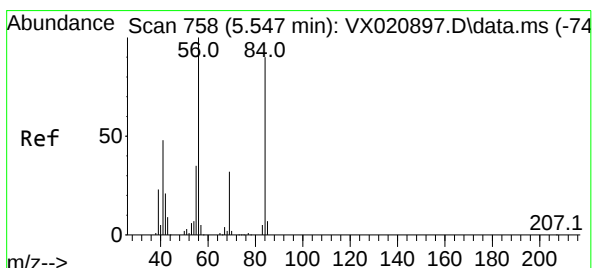
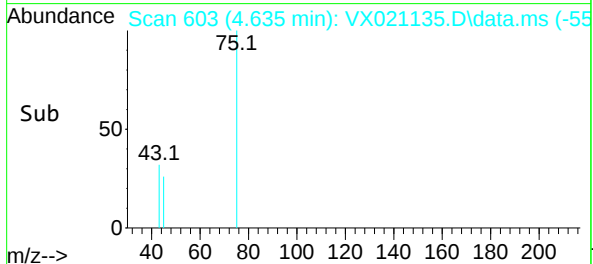
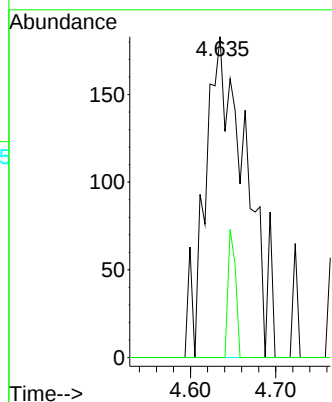
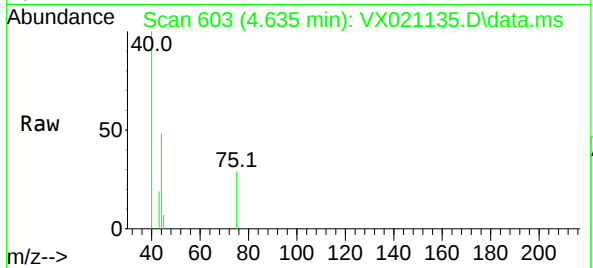




#25
2-Butanone
Concen: 0.35 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

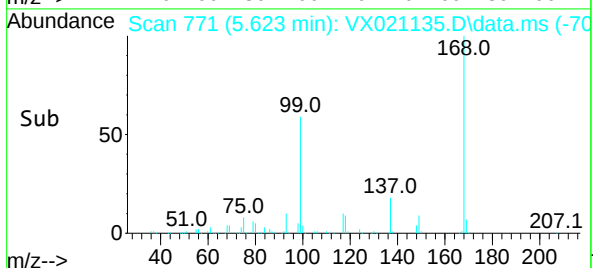
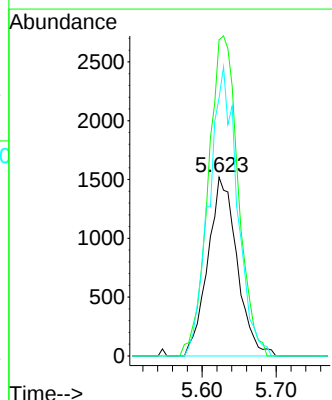
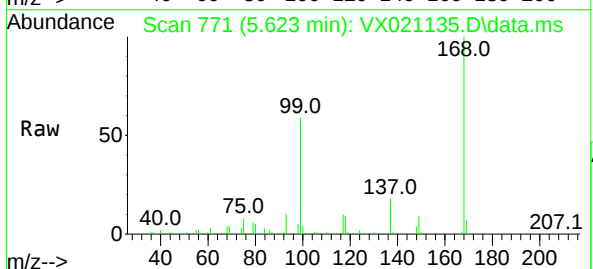
Instrument :
MSVOA_X
ClientSampled :

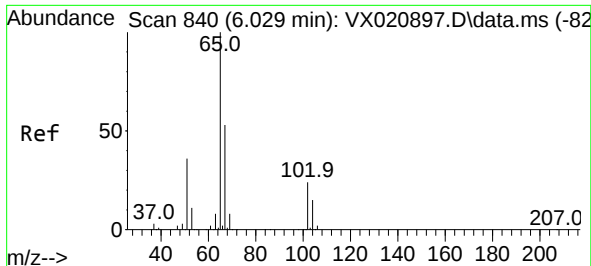
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

Tgt Ion: 56 Resp: 4155
Ion Ratio Lower Upper
56 100
69 176.9 25.3 37.9#
84 144.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.63 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021135.D

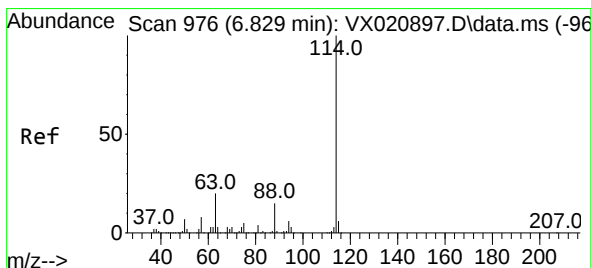
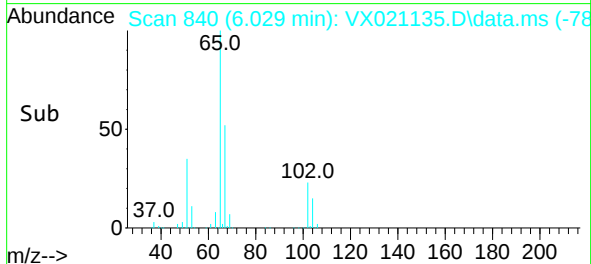
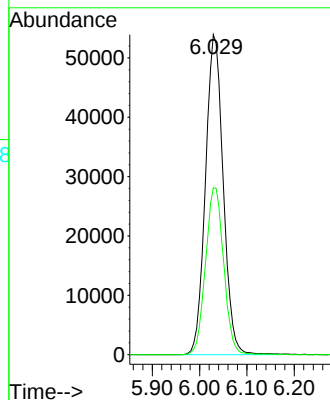
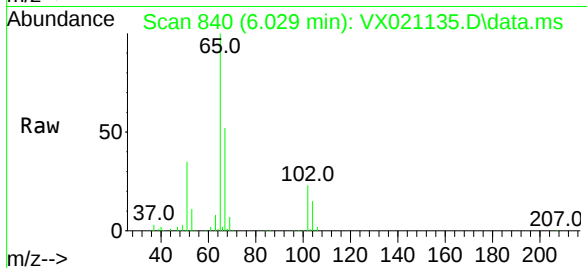
Acq: 10 Mar 2021 14:36

Tgt Ion: 65 Resp: 140389

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: VX021135.D

Acq: 10 Mar 2021 14:36

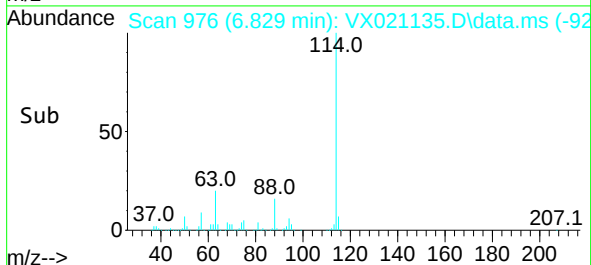
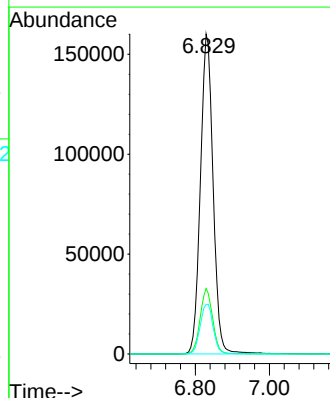
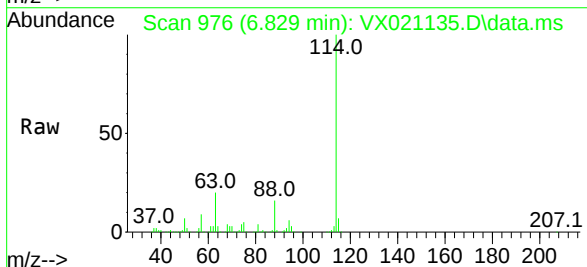
Tgt Ion: 114 Resp: 380826

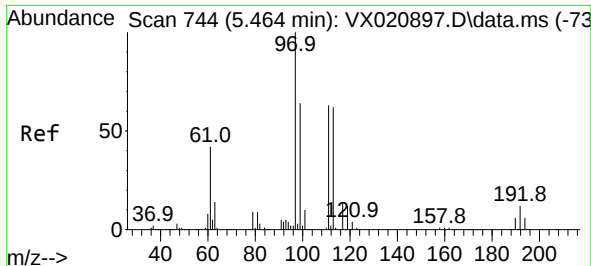
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.5 0.0 32.8

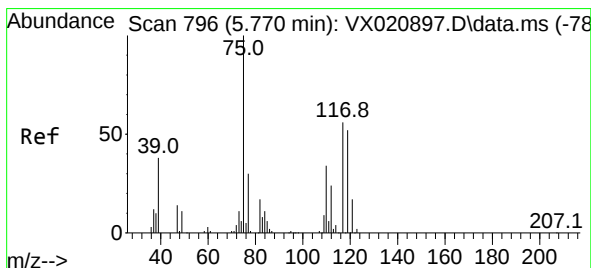
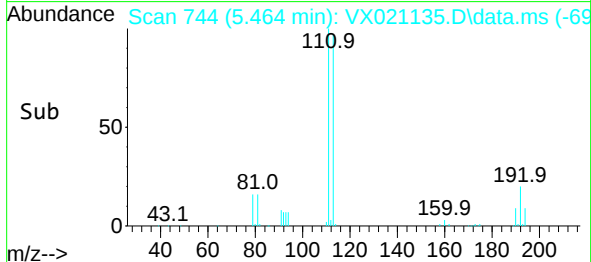
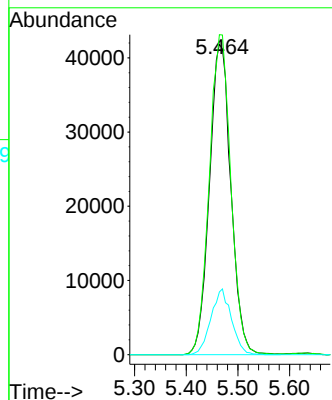
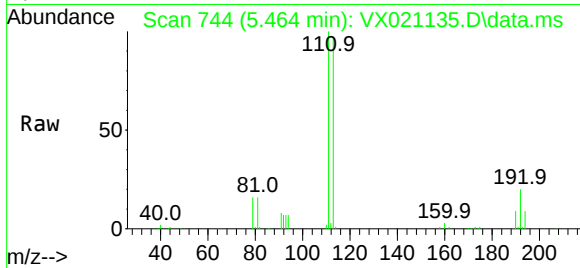




#35
Dibromofluoromethane
Concen: 52.16 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

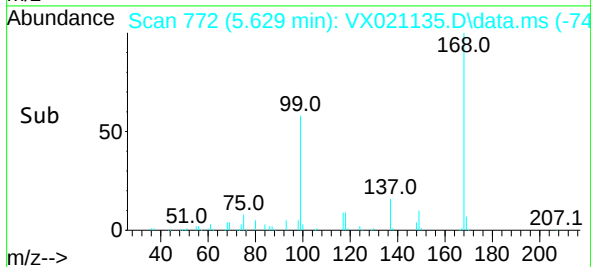
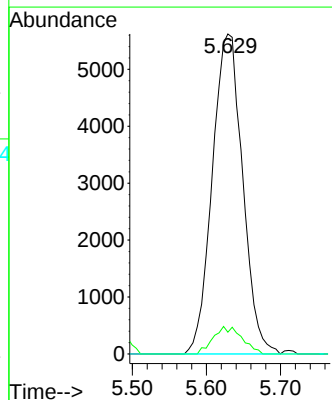
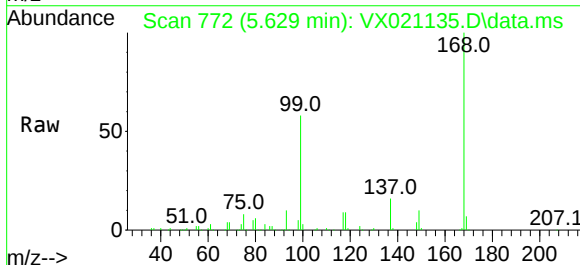
Instrument :
MSVOA_X
ClientSampleId :

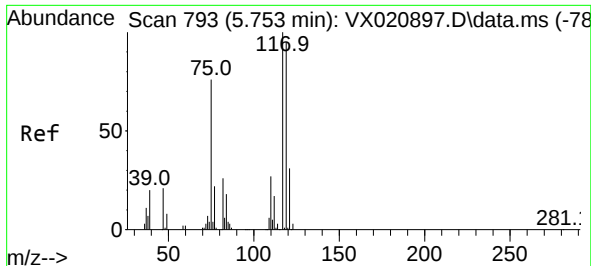
Tgt Ion:113 Resp: 120697
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

Tgt Ion: 75 Resp: 15977
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

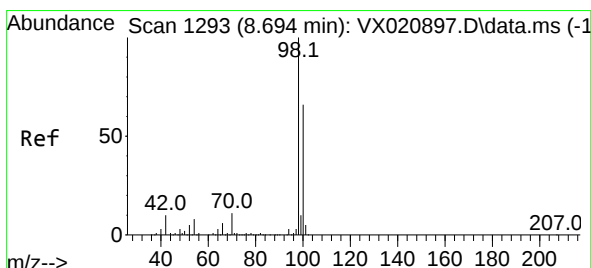
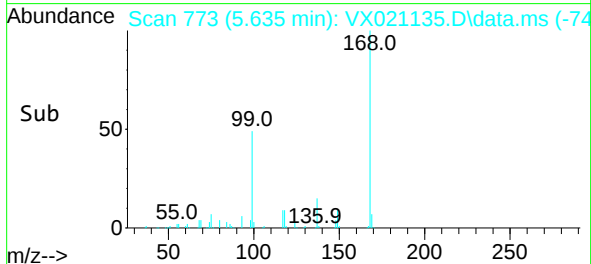
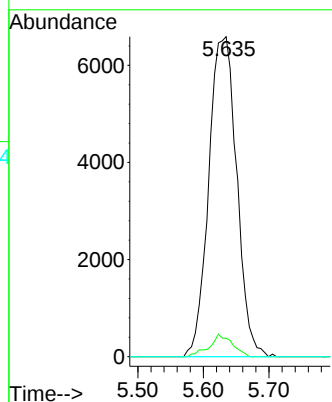
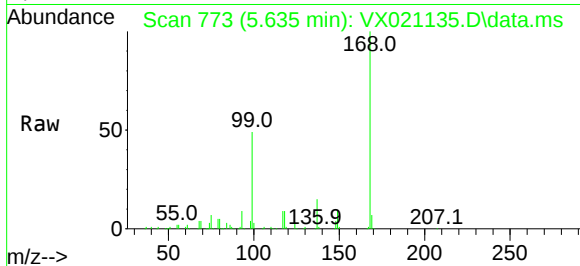




#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

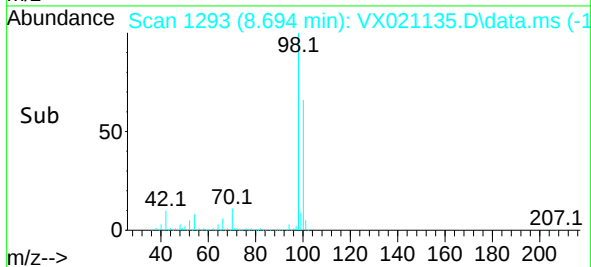
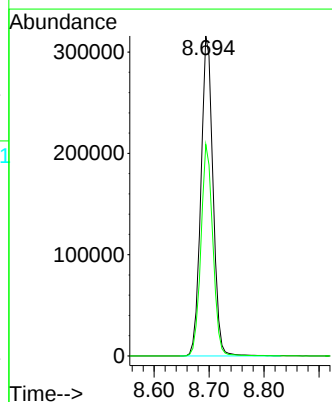
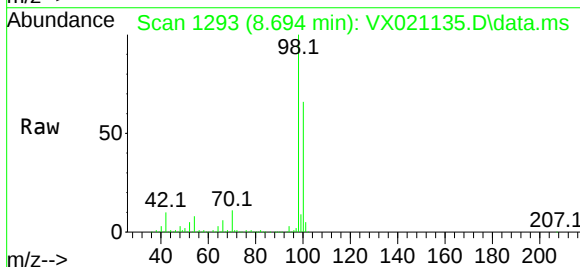
Instrument :
MSVOA_X
ClientSampleId :

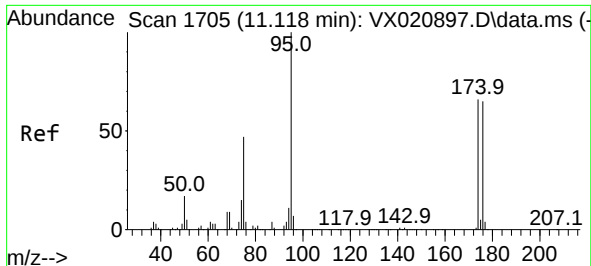
Tgt Ion:117 Resp: 19521
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.49 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

Tgt Ion: 98 Resp: 482618
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

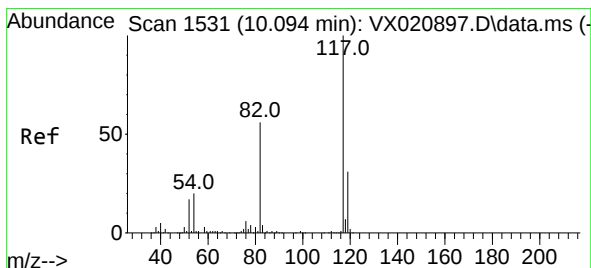
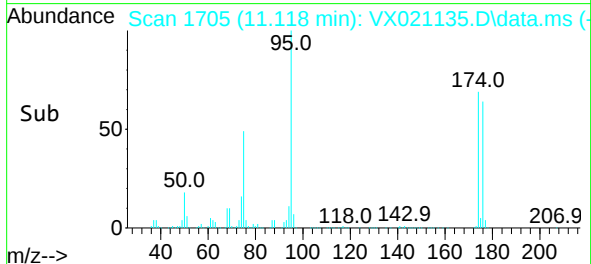
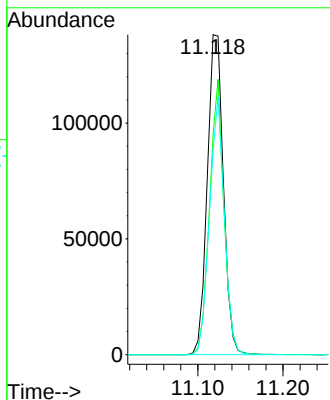
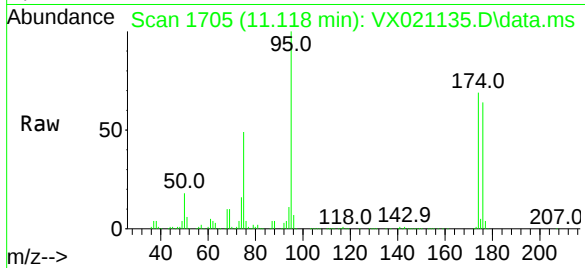




#62
4-Bromofluorobenzene
Concen: 54.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

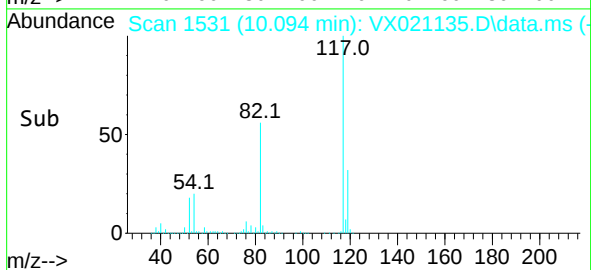
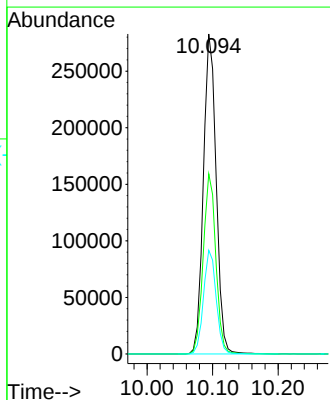
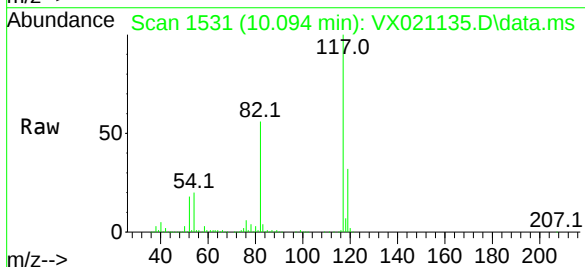
Instrument :
MSVOA_X
ClientSampleId :

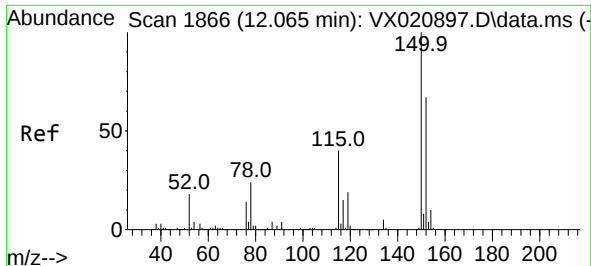
Tgt Ion: 95 Resp: 181663
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021135.D
Acq: 10 Mar 2021 14:36

Tgt Ion: 117 Resp: 384232
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.4 26.6 39.8

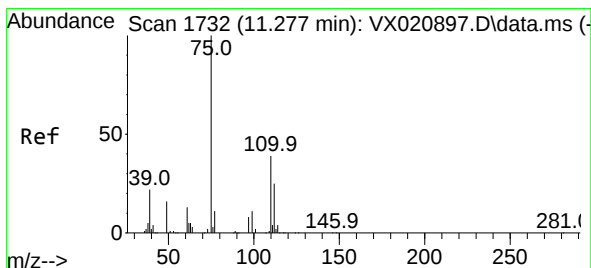
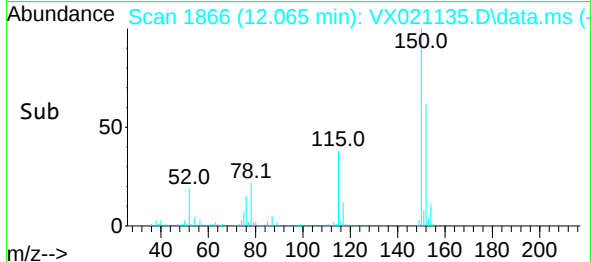
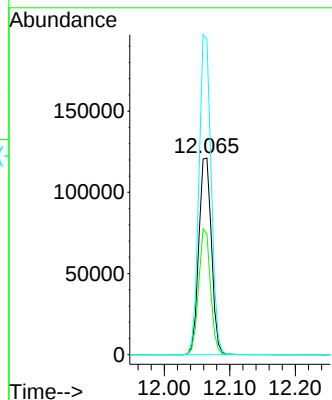
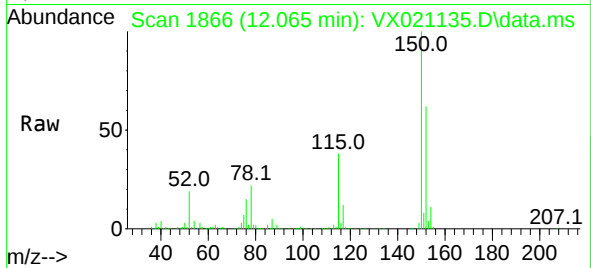




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. -0.000 min
 Lab File: VX021135.D
 Acq: 10 Mar 2021 14:36

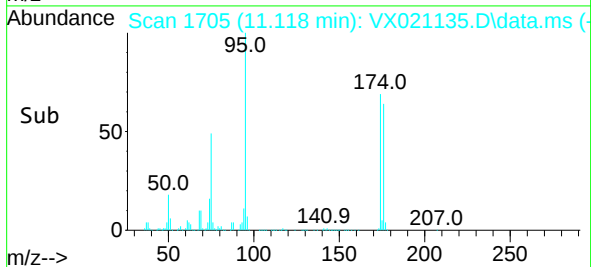
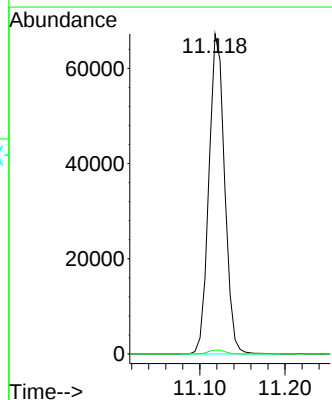
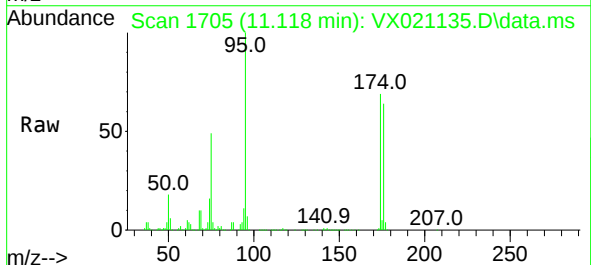
Instrument :
 MSVOA_X
 ClientSampleId :

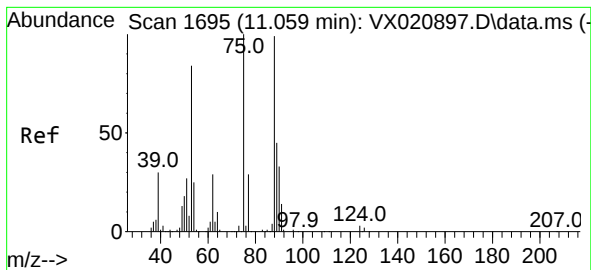
Tgt Ion:152 Resp: 163206
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 157.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.52 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021135.D
 Acq: 10 Mar 2021 14:36

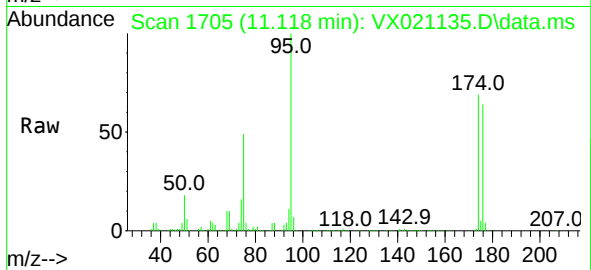
Tgt Ion: 75 Resp: 86102
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.29 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021135.D
 Acq: 10 Mar 2021 14:36

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 86102
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

