

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021014.D
 Acq On : 04 Mar 2021 15:13
 Operator : JC/MD
 Sample : M1553-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 05 01:21:45 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)

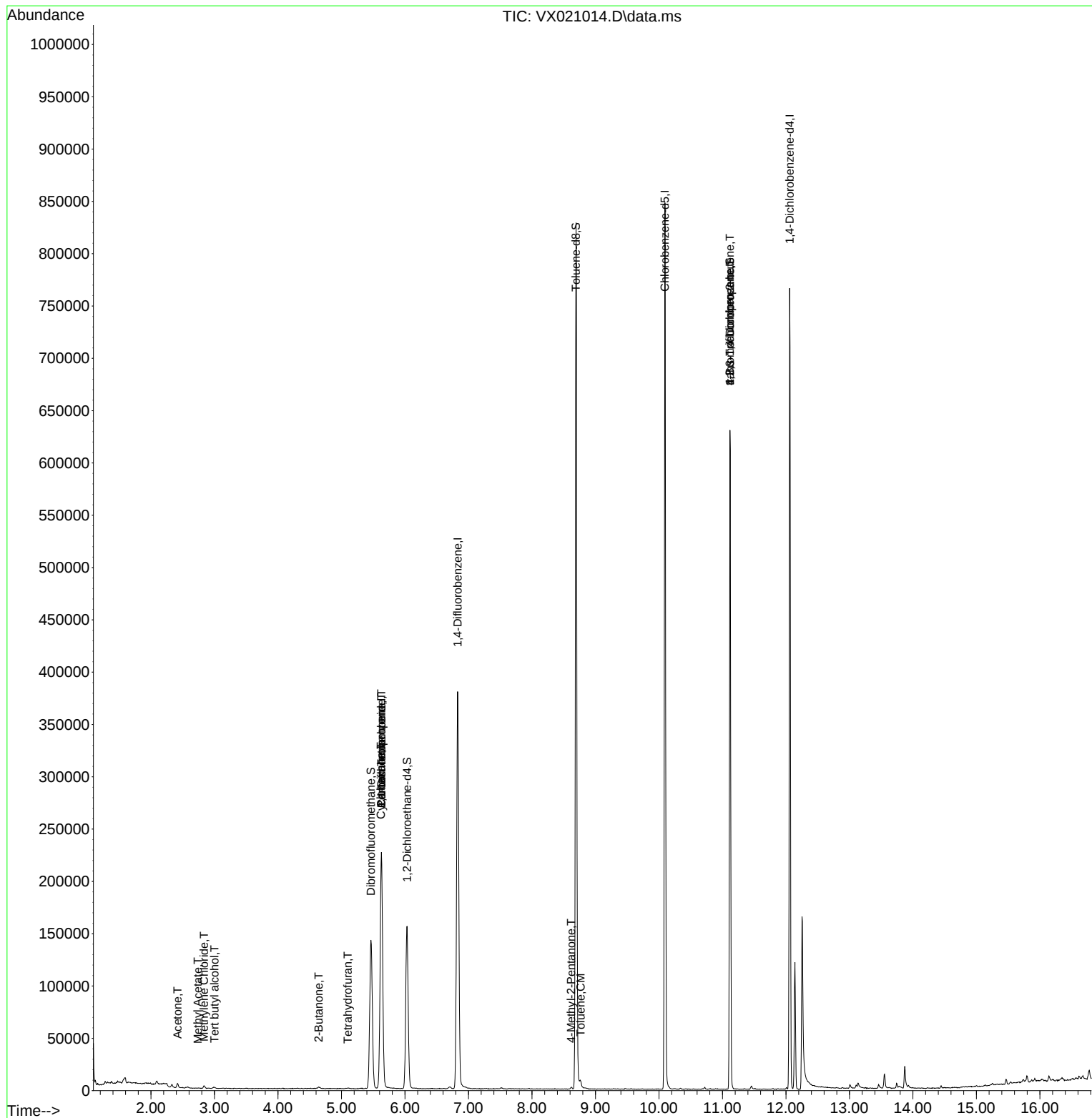
Internal Standards						
1) Pentafluorobenzene	5.629	168	220278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	402423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	378021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	162107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	148913	50.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.10%			
35) Dibromofluoromethane	5.464	113	126289	51.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.30%			
50) Toluene-d8	8.694	98	511634	53.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.34%			
62) 4-Bromofluorobenzene	11.118	95	184200	52.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.50%			
Target Compounds					Qvalue	
5) Bromomethane	1.634	94	364	Below Cal	#	68
11) Tert butyl alcohol	2.999	59	873	1.32 ug/l	#	73
16) Acetone	2.416	43	4429	3.61 ug/l		96
18) Methyl Acetate	2.740	43	634	0.22 ug/l	#	53
20) Methylene Chloride	2.834	84	989	0.34 ug/l		97
25) 2-Butanone	4.640	43	1890	1.01 ug/l	#	89
29) Tetrahydrofuran	5.099	42	279	0.23 ug/l	#	42
31) Cyclohexane	5.623	56	4512	1.05 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	16964	4.43 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	21174	5.71 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.617	43	1279	0.35 ug/l	#	85
52) Toluene	8.764	92	1626	0.23 ug/l		96
76) 1,2,3-Trichloropropane	11.118	75	86223	24.72 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	86223	54.74 ug/l	#	12

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 05 01:21:45 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

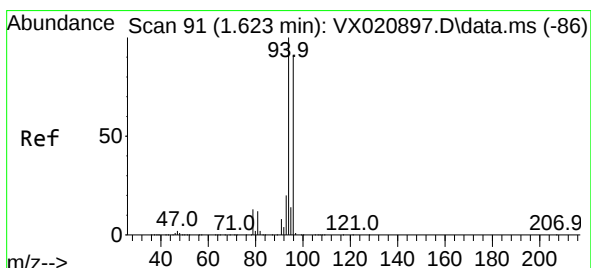
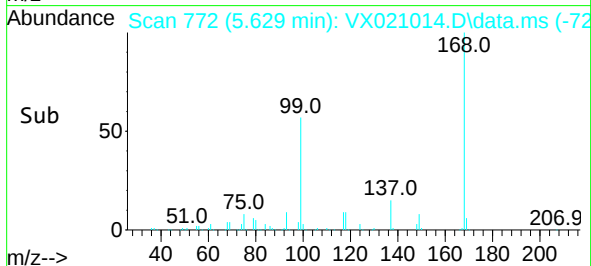
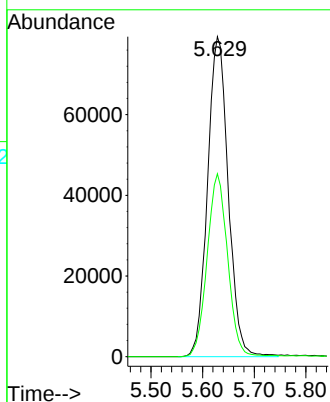
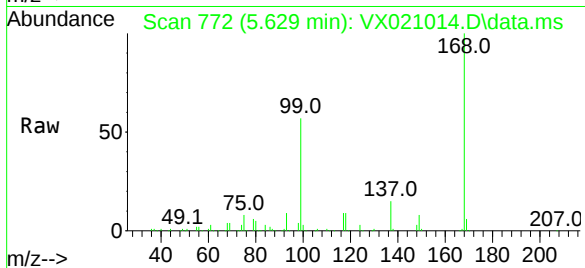




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

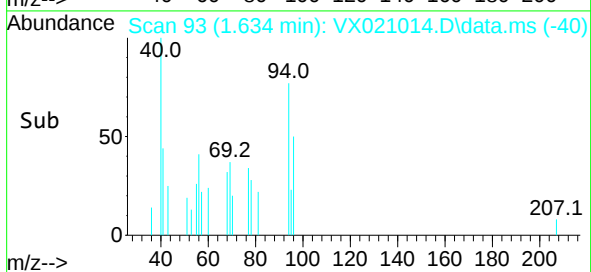
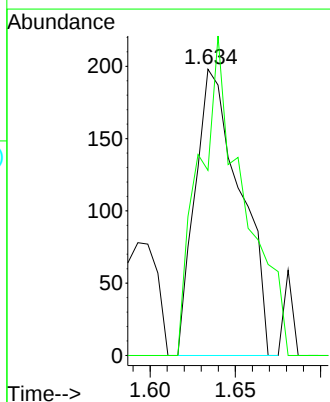
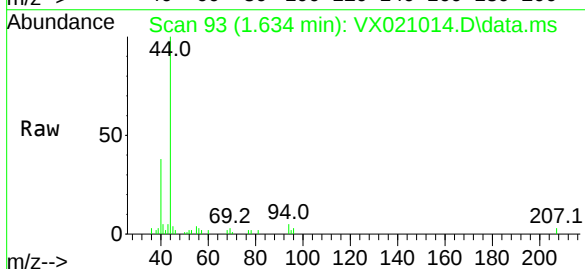
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 220278
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 64.6 76.4 114.6#

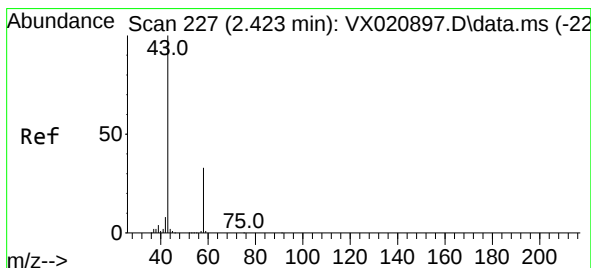
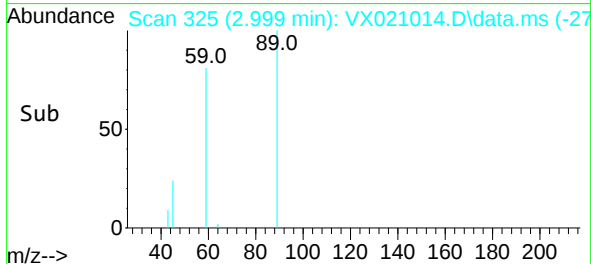
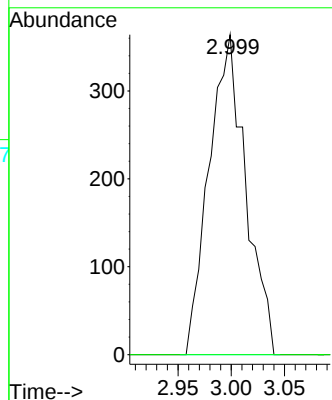
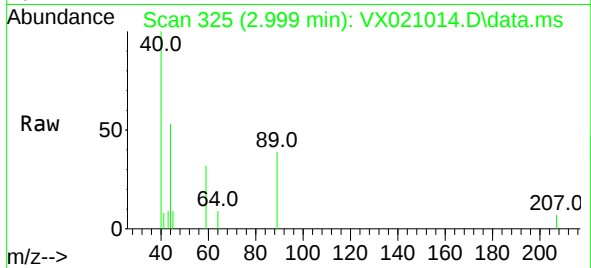




#11
Tert butyl alcohol
Concen: 1.32 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

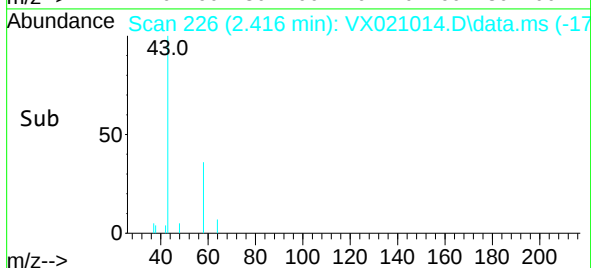
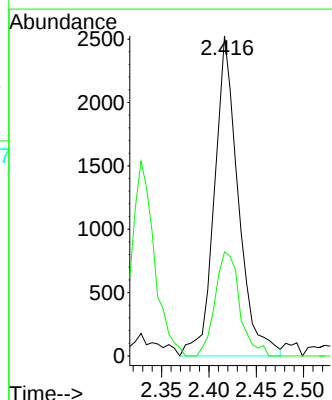
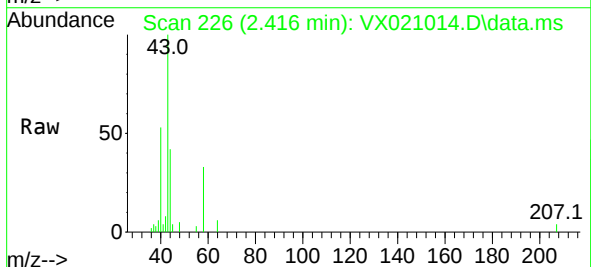
Instrument :
MSVOA_X
ClientSampled :

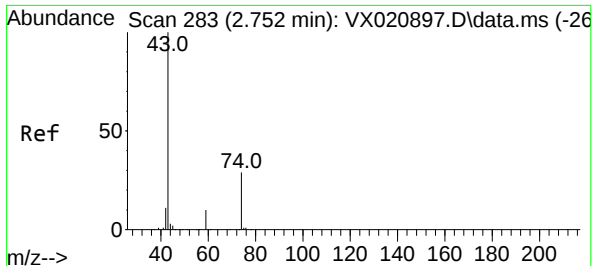
Tgt Ion: 59 Resp: 873
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.61 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

Tgt Ion: 43 Resp: 4429
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8

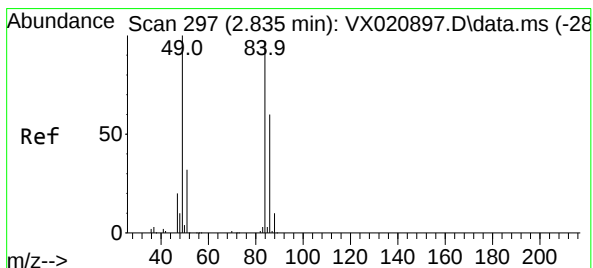
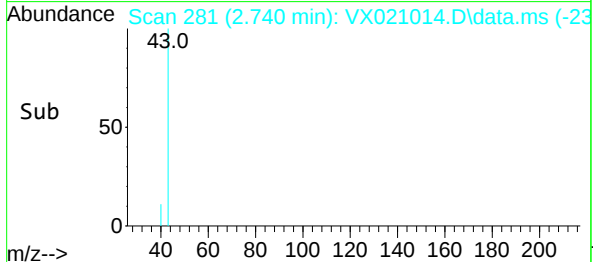
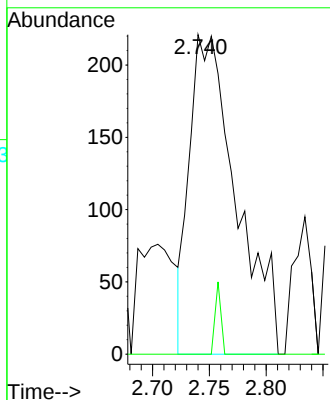
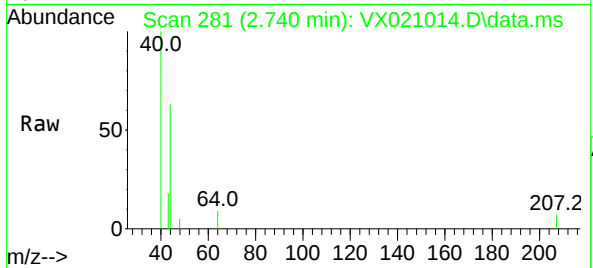




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.740 min Scan# 281
Delta R.T. -0.012 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

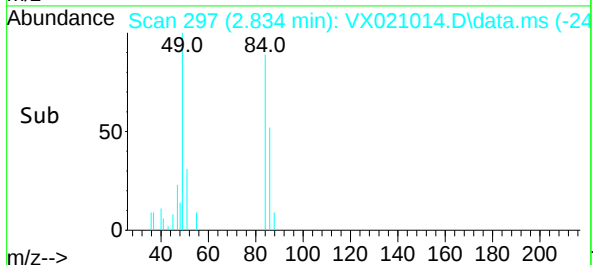
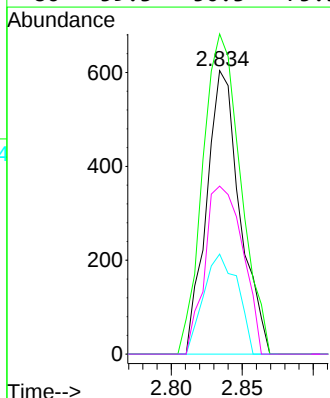
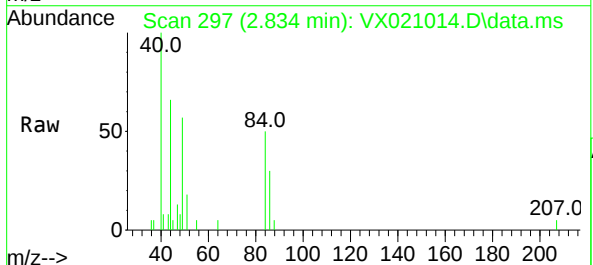
Instrument :
MSVOA_X
ClientSampled :

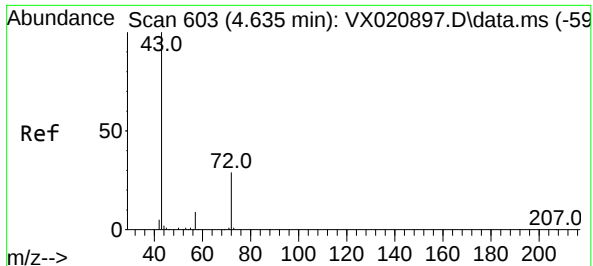
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
74 2.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

Tgt Ion: 84 Resp: 989
Ion Ratio Lower Upper
84 100
49 112.9 88.6 132.8
51 35.3 27.0 40.6
86 59.3 50.3 75.5

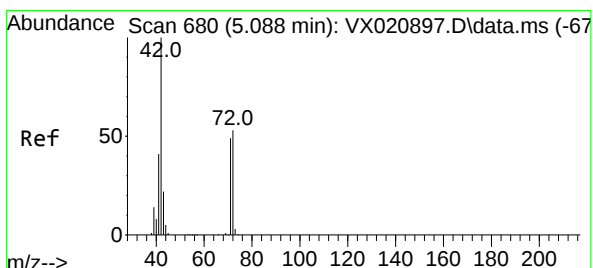
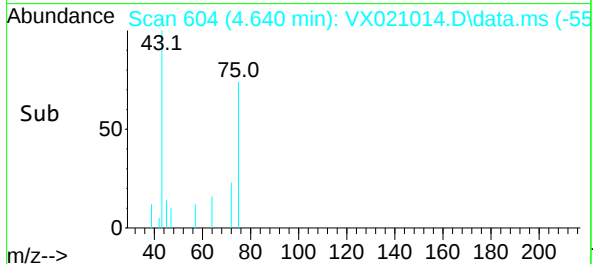
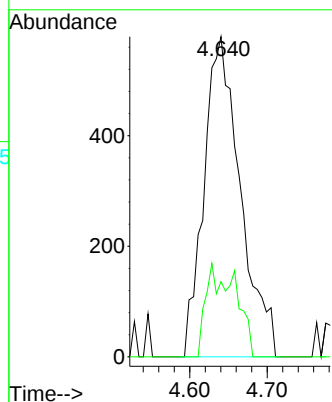
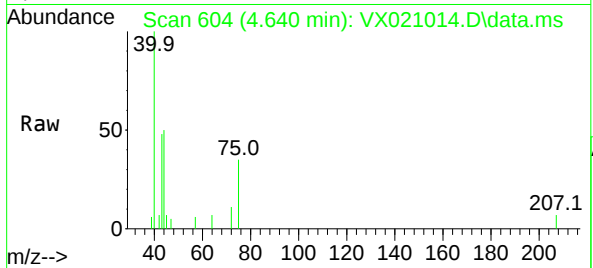




#25
2-Butanone
Concen: 1.01 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.005 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

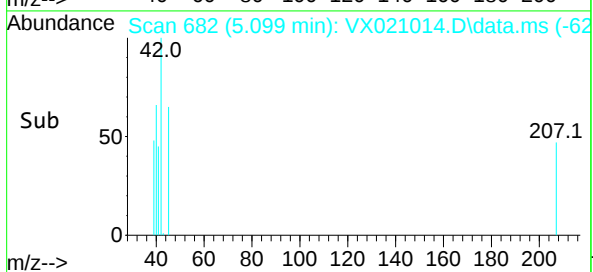
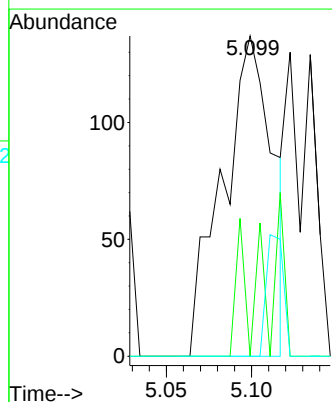
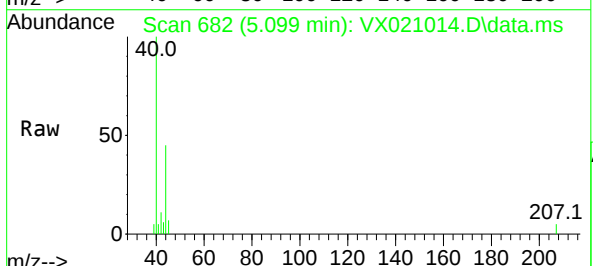
Instrument :
MSVOA_X
ClientSampled :

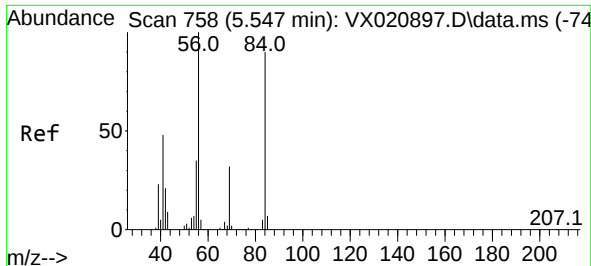
Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.011 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

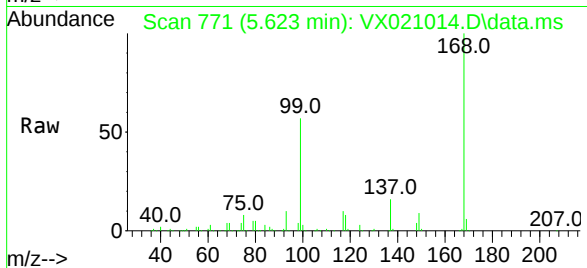
Tgt Ion: 42 Resp: 279
Ion Ratio Lower Upper
42 100
72 7.2 41.7 62.5#
71 12.9 38.4 57.6#



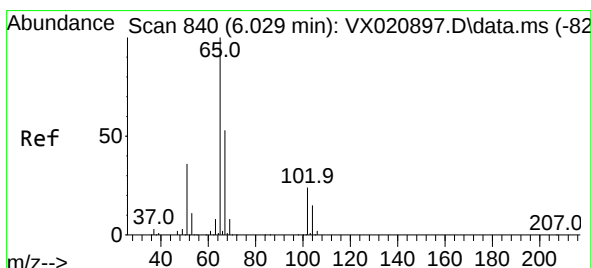
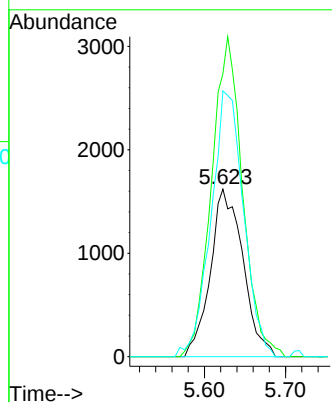
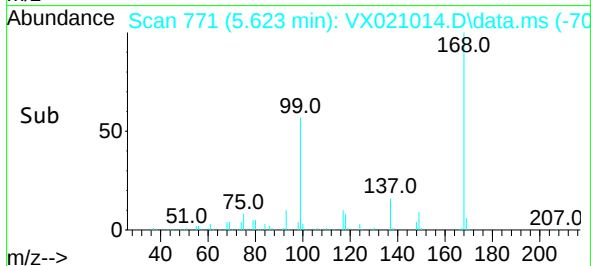


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

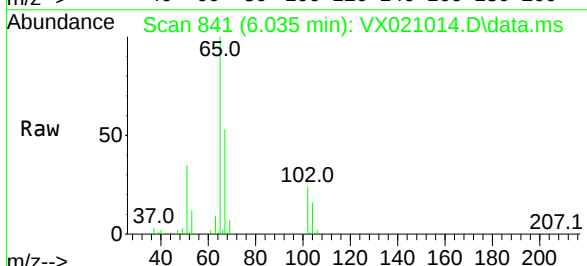
Instrument :
MSVOA_X
ClientSampled :



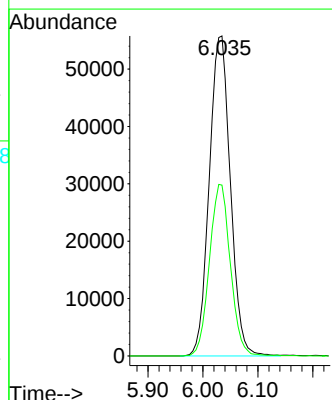
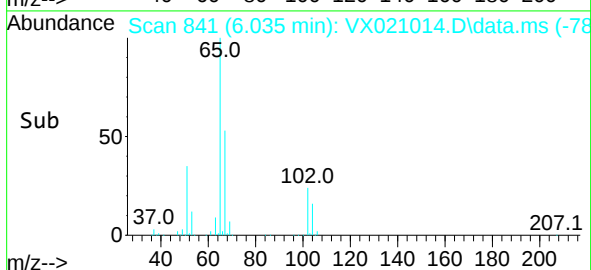
Tgt Ion: 56 Resp: 4512
Ion Ratio Lower Upper
56 100
69 169.1 25.3 37.9#
84 158.7 71.4 107.0#

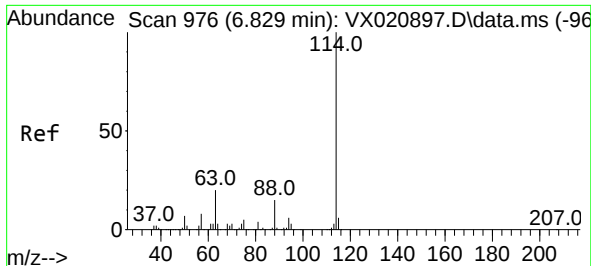


#33
1,2-Dichloroethane-d4
Concen: 50.05 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.005 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13



Tgt Ion: 65 Resp: 148913
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

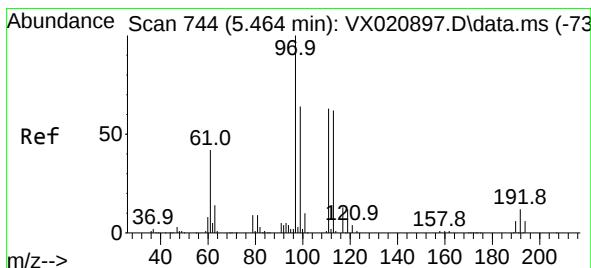
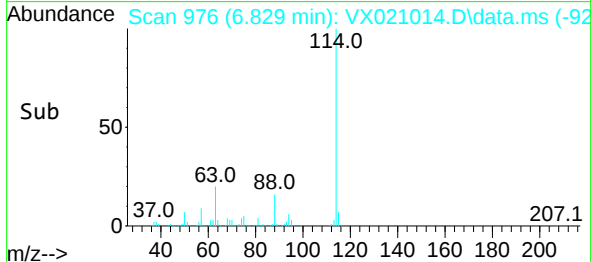
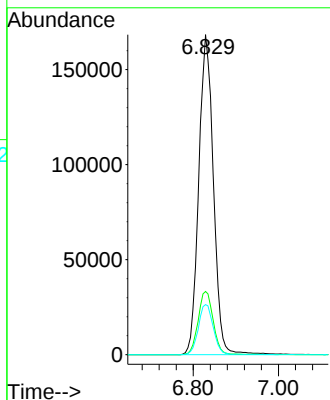
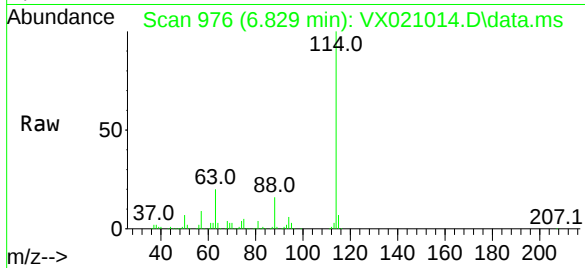




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

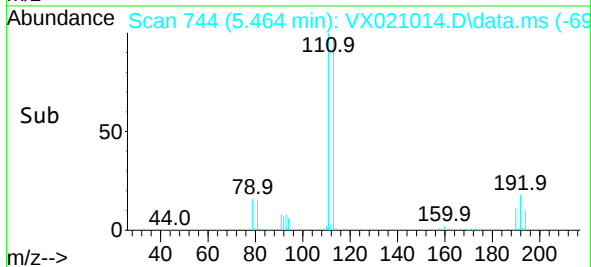
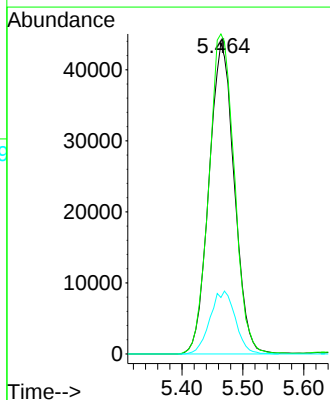
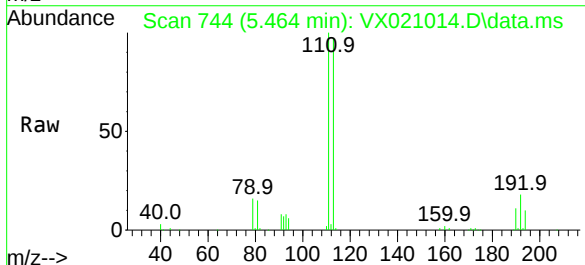
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MSVOA_X
ClientSampleId :

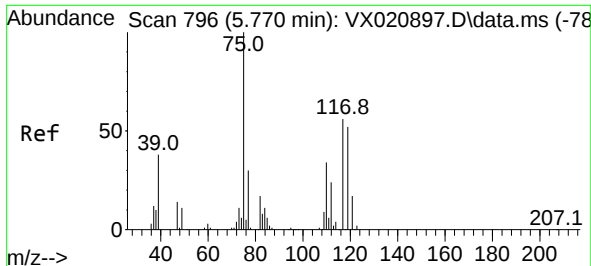
Tgt Ion:114 Resp: 402423
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.65 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

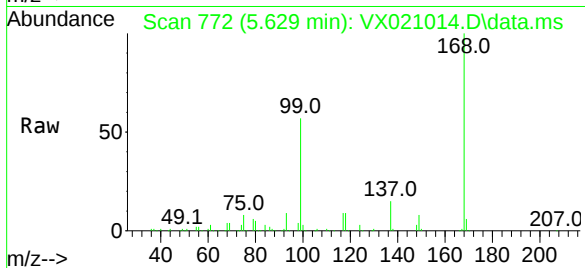
Tgt Ion:113 Resp: 126289
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.3 16.7 25.1



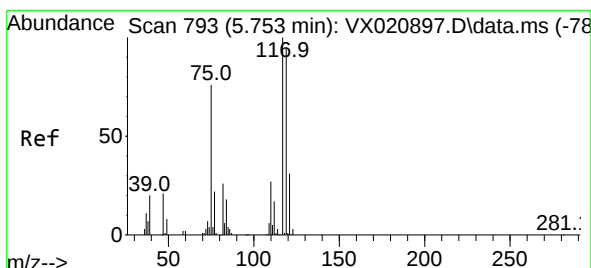
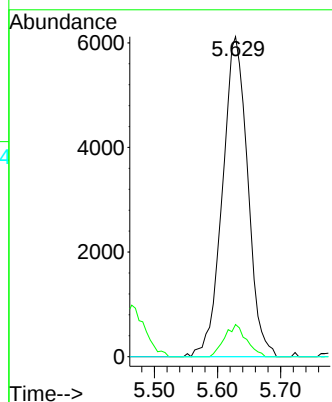
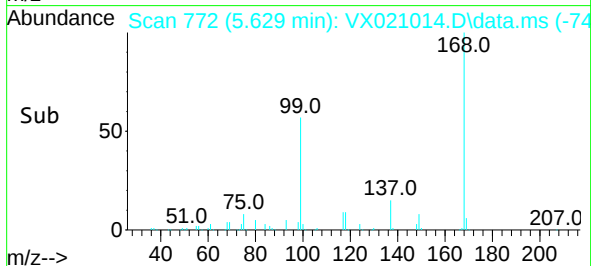


#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.142 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

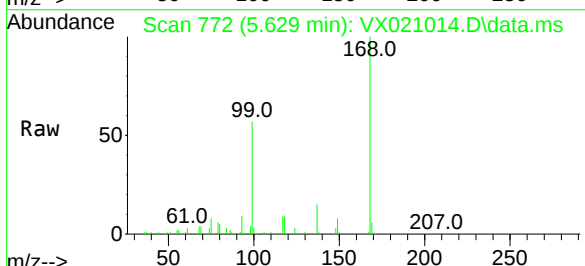
Instrument :
MSVOA_X
ClientSampleId :



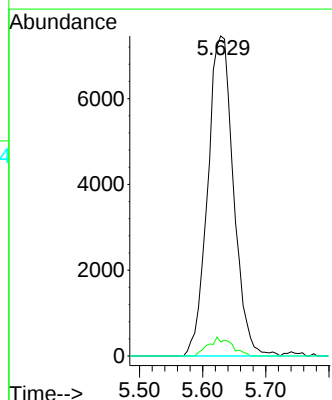
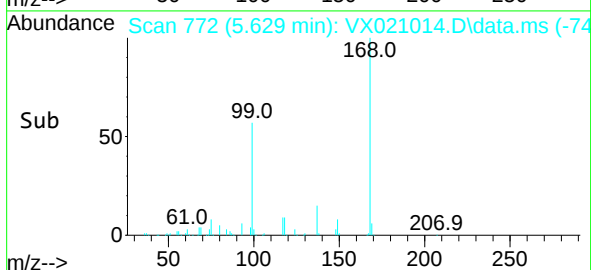
Tgt Ion: 75 Resp: 16964
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

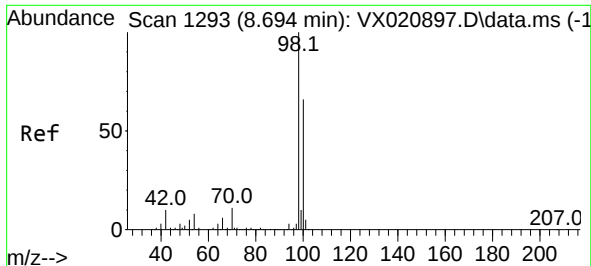


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13



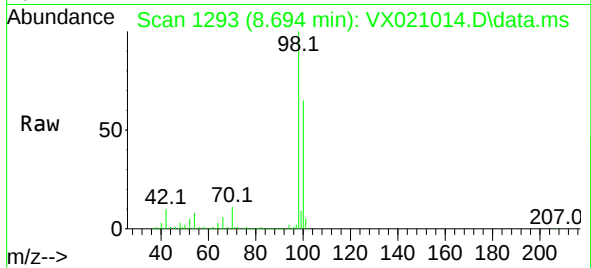
Tgt Ion: 117 Resp: 21174
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



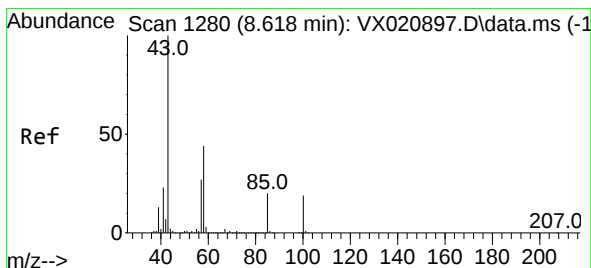
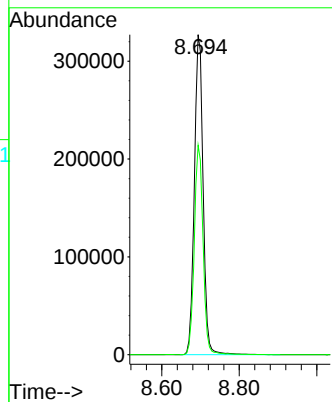
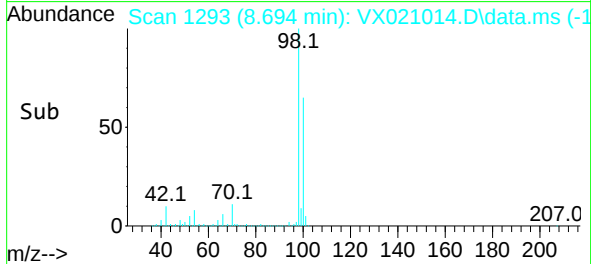


#50
Toluene-d8
Concen: 53.67 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

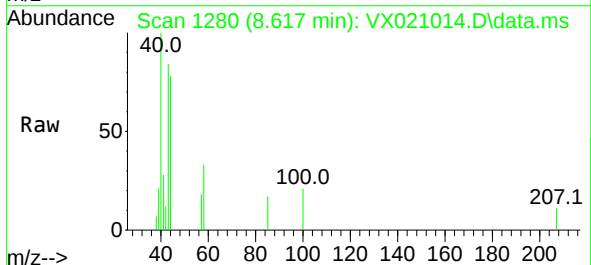
Instrument :
MSVOA_X
ClientSampled :



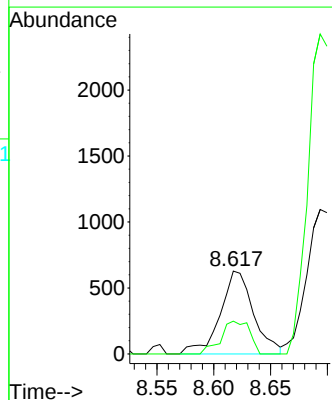
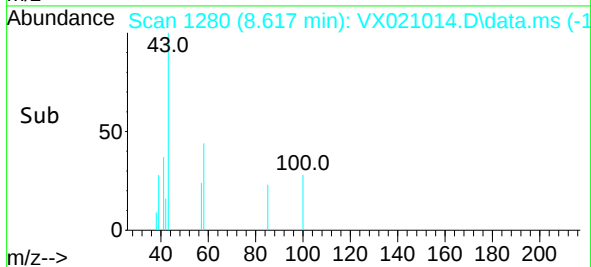
Tgt Ion: 98 Resp: 511634
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

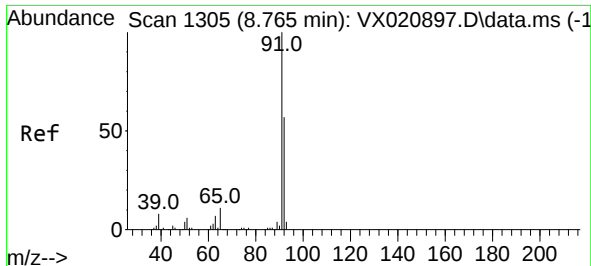


#51
4-Methyl-2-Pentanone
Concen: 0.35 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13



Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 34.2 35.4 53.0#

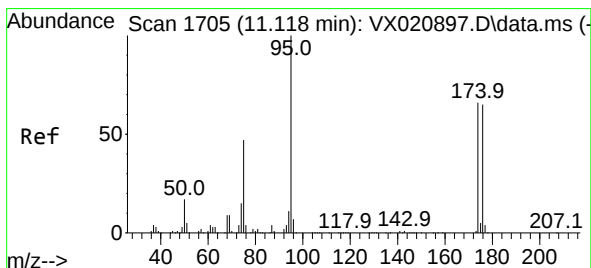
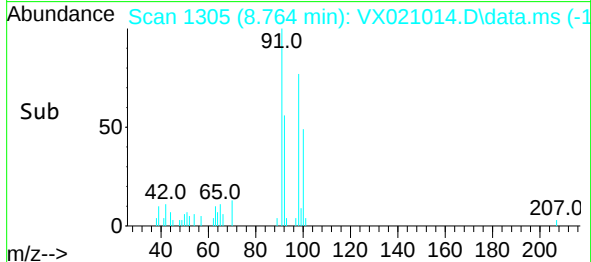
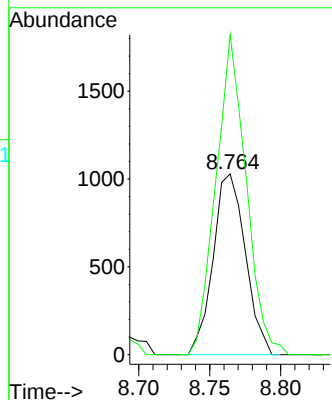
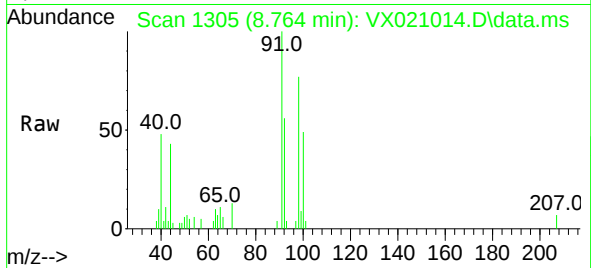




#52
Toluene
Concen: 0.23 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

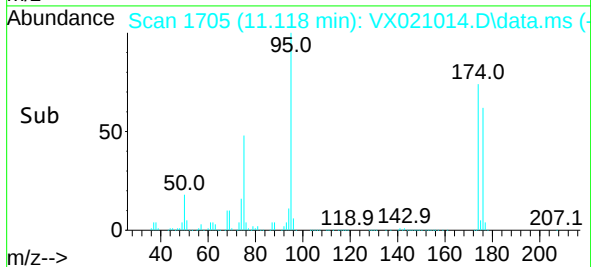
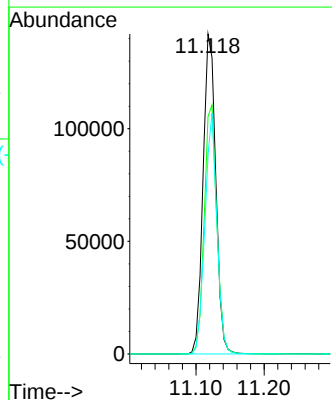
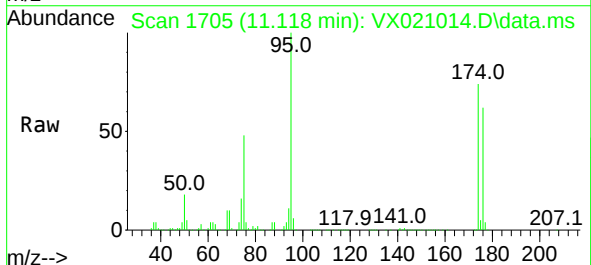
Instrument :
MSVOA_X
ClientSampleId :

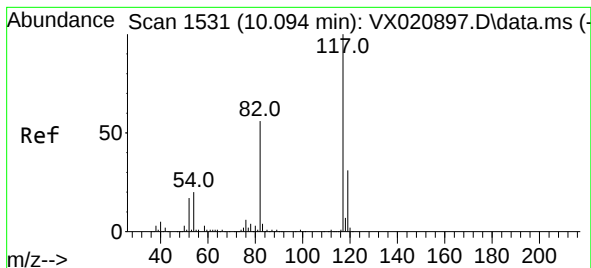
Tgt Ion: 92 Resp: 1626
Ion Ratio Lower Upper
92 100
91 165.6 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 52.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

Tgt Ion: 95 Resp: 184200
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 71.3 0.0 155.8

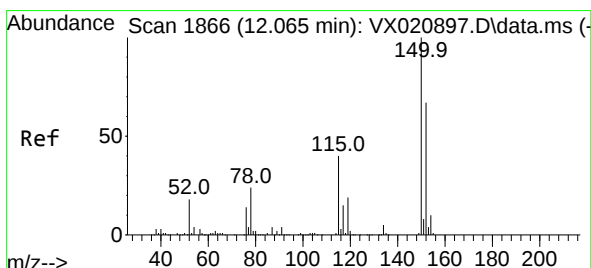
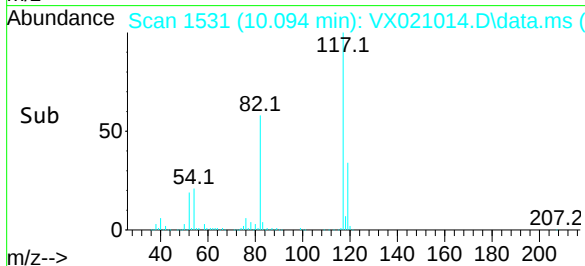
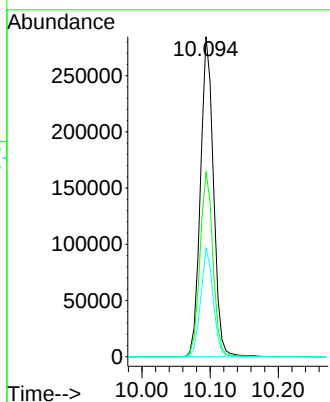
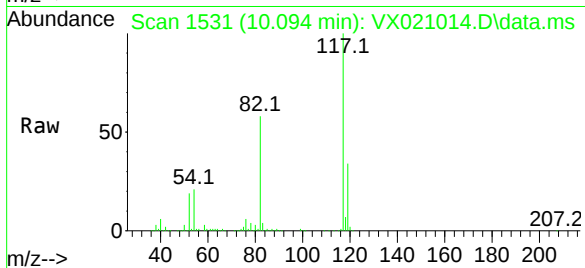




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

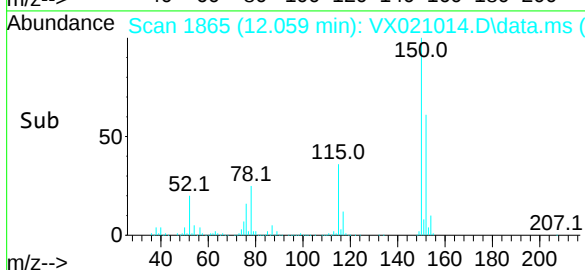
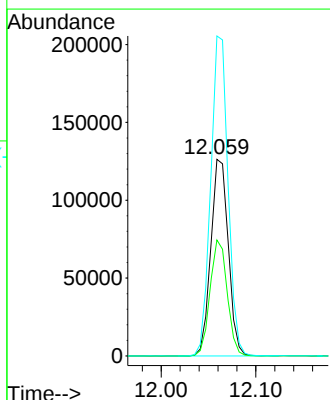
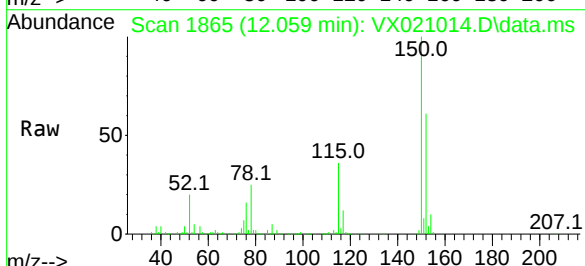
Instrument :
MSVOA_X
ClientSampleId :

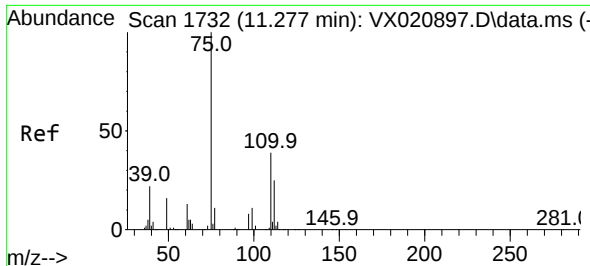
Tgt Ion:117 Resp: 378021
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 33.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

Tgt Ion:152 Resp: 162107
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 160.9 0.0 349.0

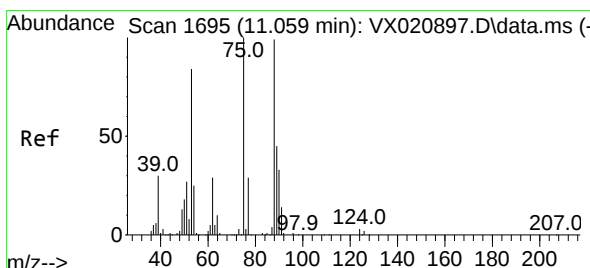
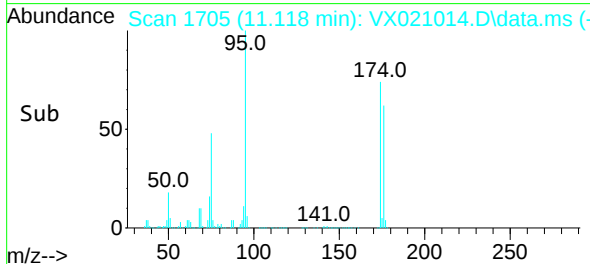
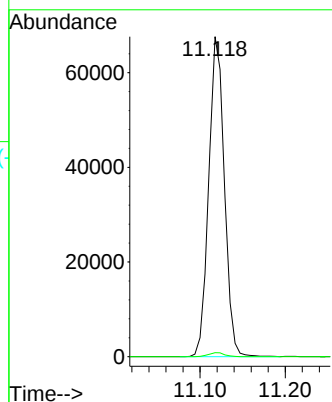
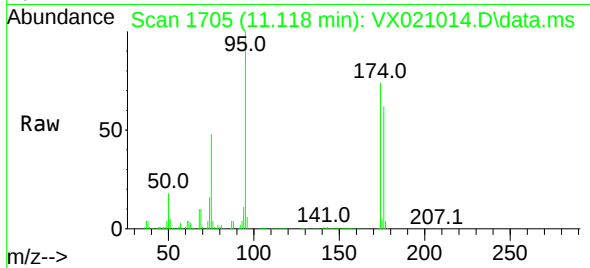




#76
1,2,3-Trichloropropane
Concen: 24.72 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 86223
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX021014.D
Acq: 04 Mar 2021 15:13

Tgt Ion: 75 Resp: 86223
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

