

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021015.D
 Acq On : 04 Mar 2021 15:36
 Operator : JC/MD
 Sample : M1552-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 05 01:22:01 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)

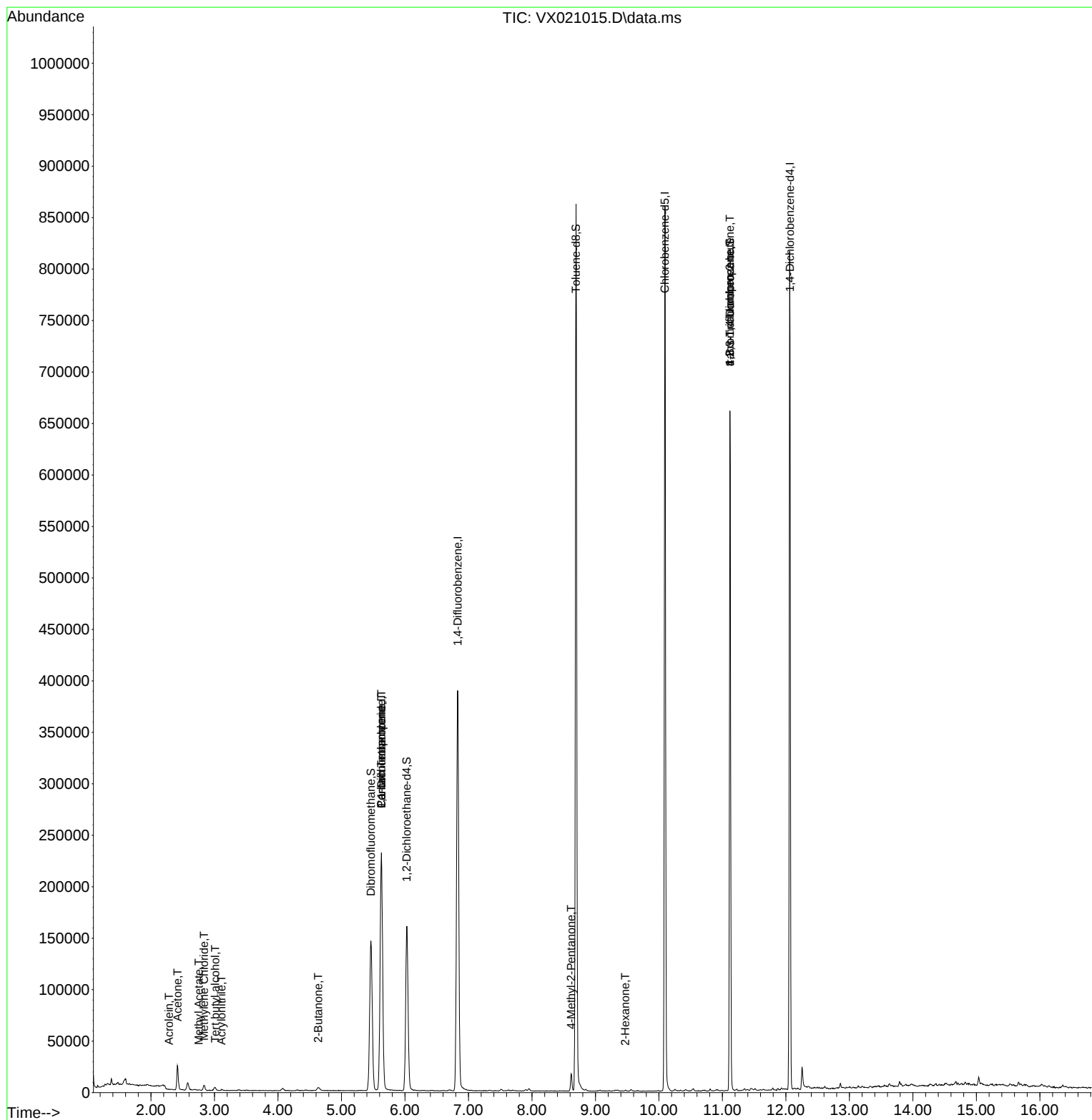
Internal Standards						
1) Pentafluorobenzene	5.629	168	226085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	416282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	396529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	168250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	151158	49.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.00%
35) Dibromofluoromethane	5.464	113	128897	50.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.92%
50) Toluene-d8	8.694	98	518294	52.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.12%
62) 4-Bromofluorobenzene	11.118	95	185163	50.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.56%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	364	Below Cal		94
11) Tert butyl alcohol	3.011	59	3474	5.11 ug/l		96
13) Acrolein	2.281	56	187	0.44 ug/l #		14
15) Acrylonitrile	3.111	53	444	0.31 ug/l #		91
16) Acetone	2.417	43	24511	19.48 ug/l		99
18) Methyl Acetate	2.752	43	646	0.22 ug/l #		61
20) Methylene Chloride	2.835	84	2495	0.83 ug/l #		89
25) 2-Butanone	4.635	43	5491	2.87 ug/l		98
36) 1,1-Dichloropropene	5.629	75	17088	4.32 ug/l #		48
38) Carbon Tetrachloride	5.629	117	20494	5.35 ug/l #		16
51) 4-Methyl-2-Pentanone	8.618	43	9456	2.54 ug/l		99
59) 2-Hexanone	9.471	43	666	0.24 ug/l		81
76) 1,2,3-Trichloropropane	11.118	75	90111	24.90 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	90111	55.12 ug/l #		12

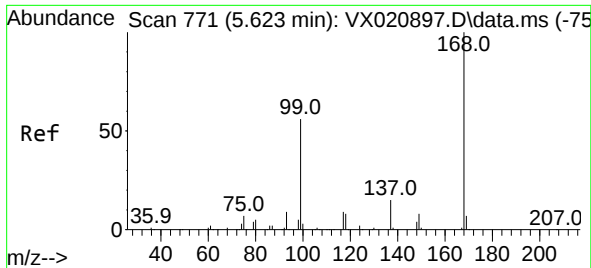
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
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Quant Time: Mar 05 01:22:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
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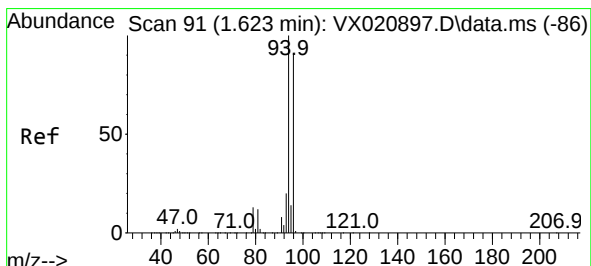
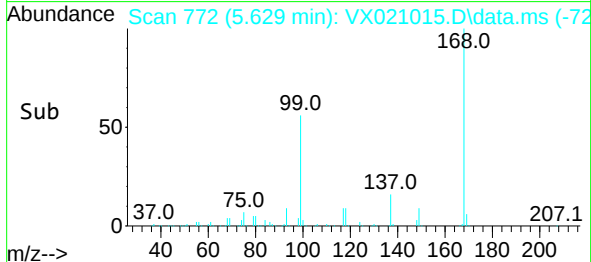
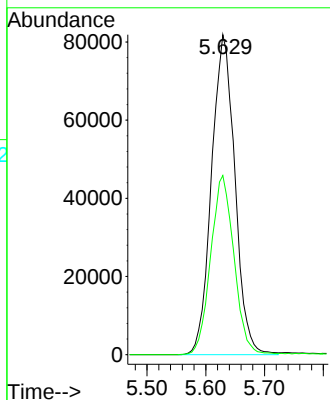
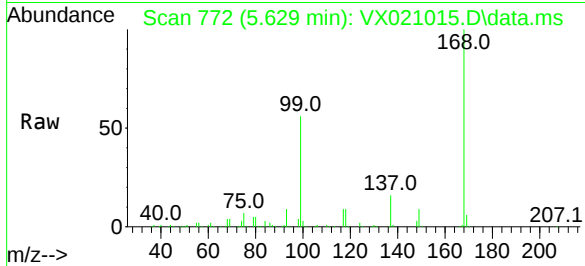




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

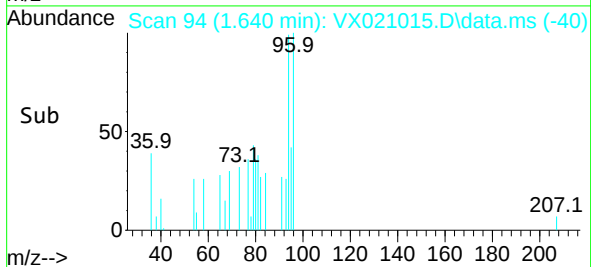
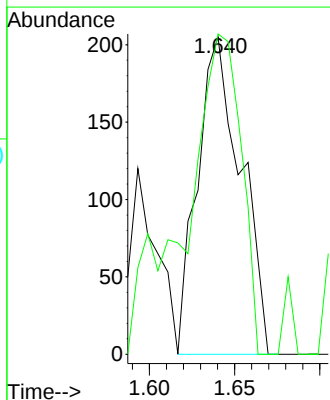
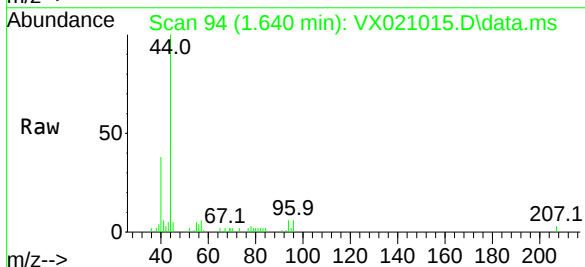
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 226085
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6



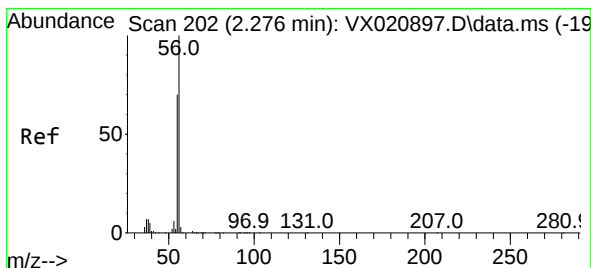
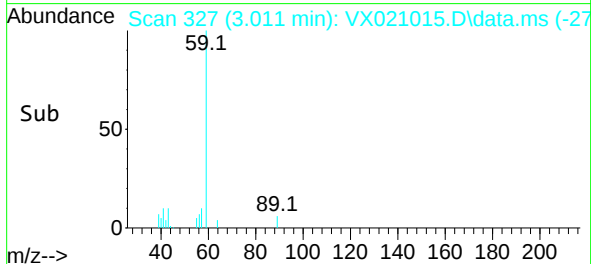
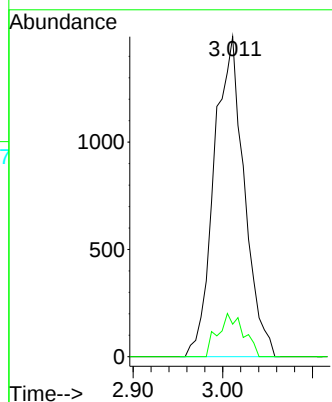
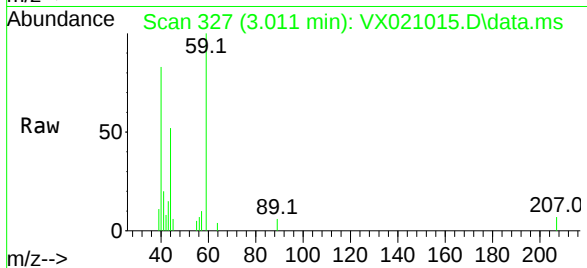


#11

Tert butyl alcohol
Concen: 5.11 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Instrument :
MSVOA_X
ClientSampled :

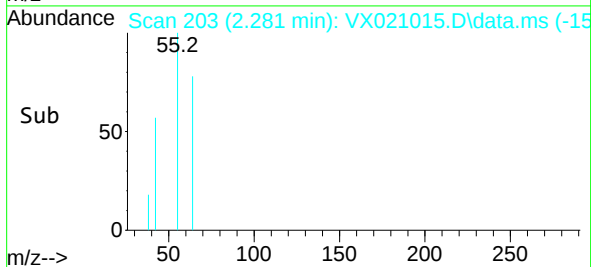
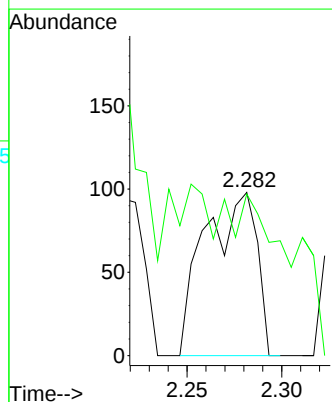
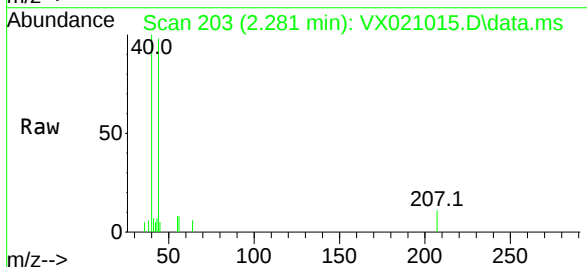
Tgt Ion: 59 Resp: 3474
Ion Ratio Lower Upper
59 100
57 11.4 7.8 11.8

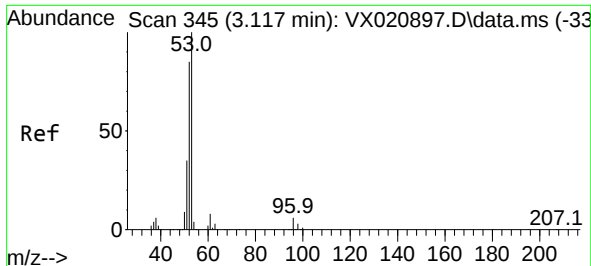


#13

Acrolein
Concen: 0.44 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

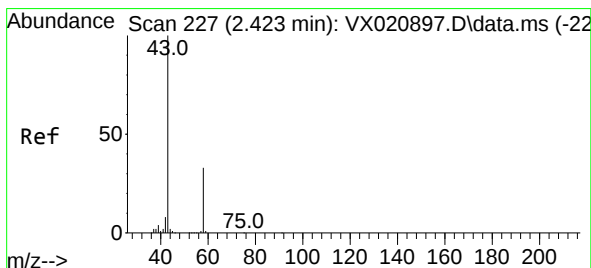
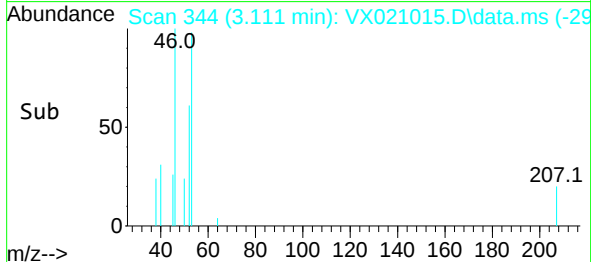
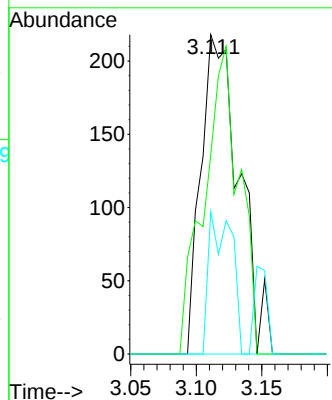
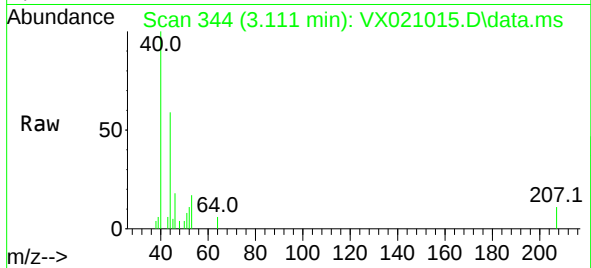




#15
Acrylonitrile
Concen: 0.31 ug/l
RT: 3.111 min Scan# 344
Delta R.T. -0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

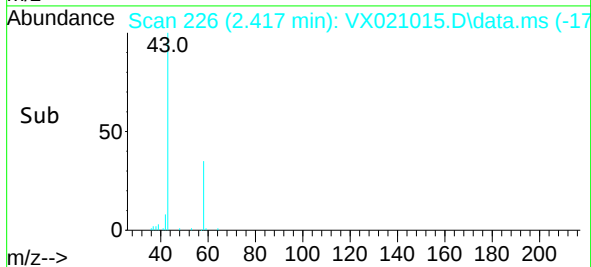
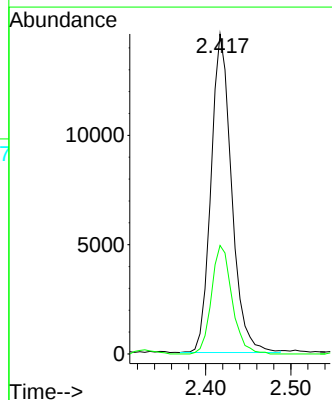
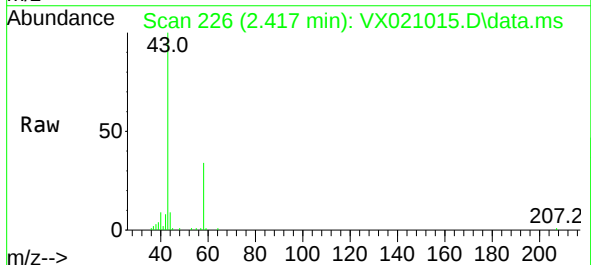
Instrument :
MSVOA_X
ClientSampled :

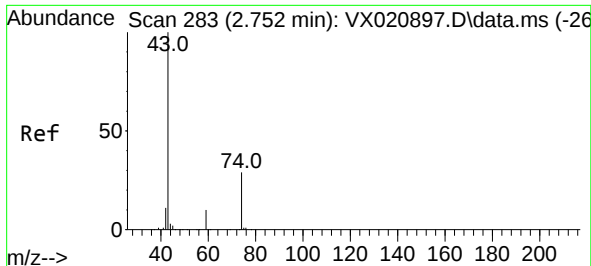
Tgt Ion: 53 Resp: 444
Ion Ratio Lower Upper
53 100
52 88.1 65.3 97.9
51 26.8 28.2 42.2#



#16
Acetone
Concen: 19.48 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 43 Resp: 24511
Ion Ratio Lower Upper
43 100
58 34.1 27.8 41.8

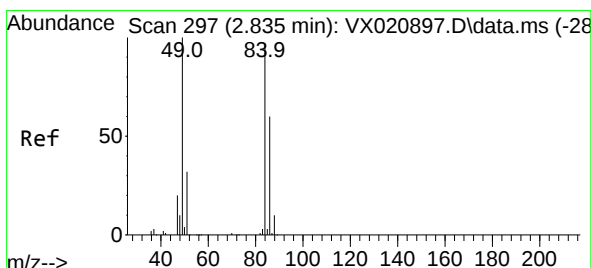
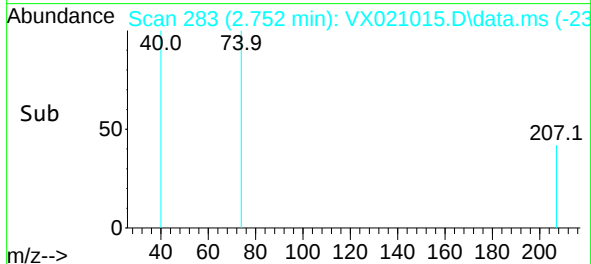
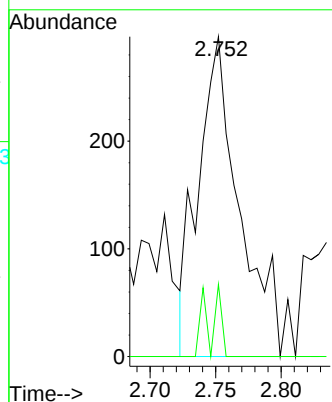
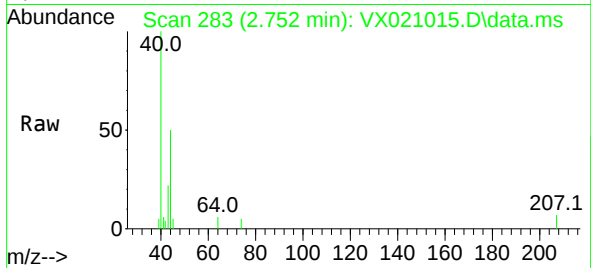




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

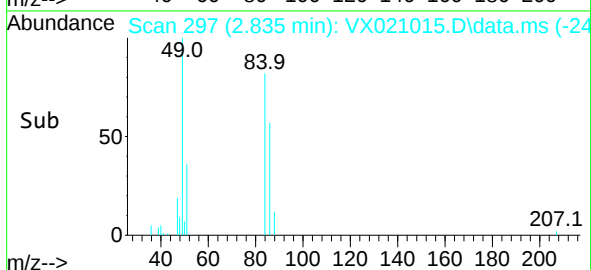
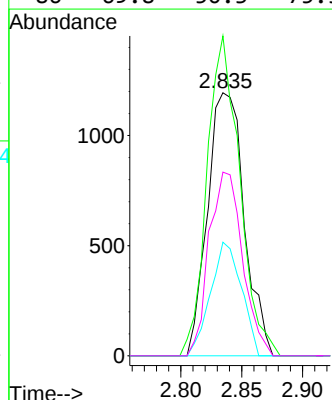
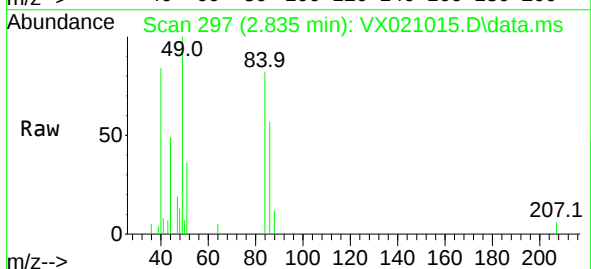
Instrument :
MSVOA_X
ClientSampleId :

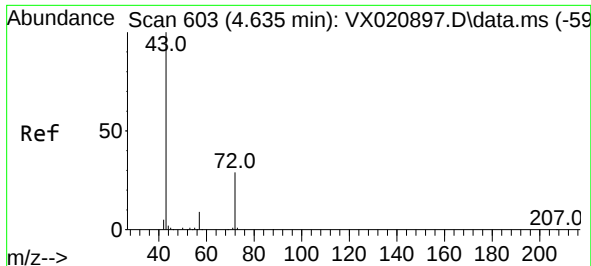
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
74 7.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.83 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 84 Resp: 2495
Ion Ratio Lower Upper
84 100
49 121.6 88.6 132.8
51 43.2 27.0 40.6#
86 69.8 50.3 75.5

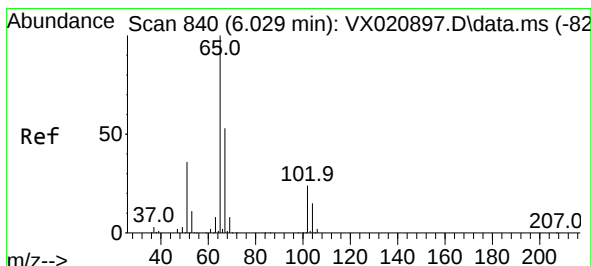
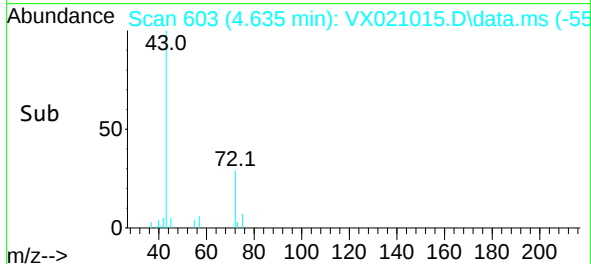
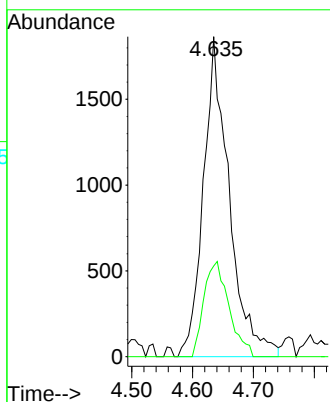
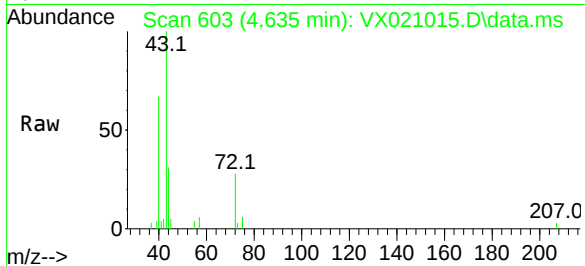




#25
2-Butanone
Concen: 2.87 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

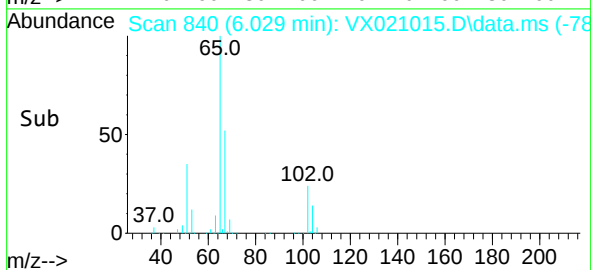
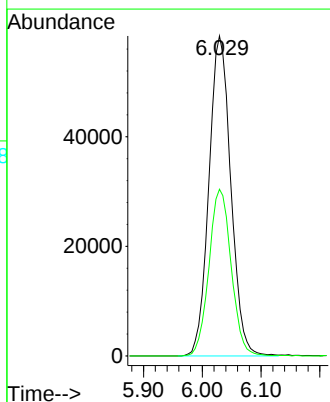
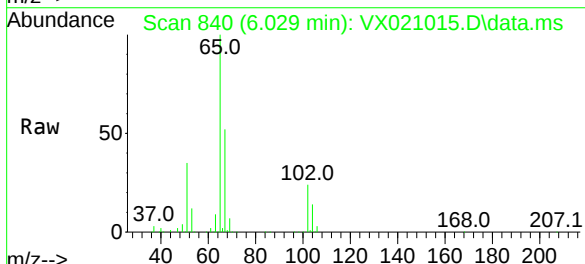
Instrument :
MSVOA_X
ClientSampleId :

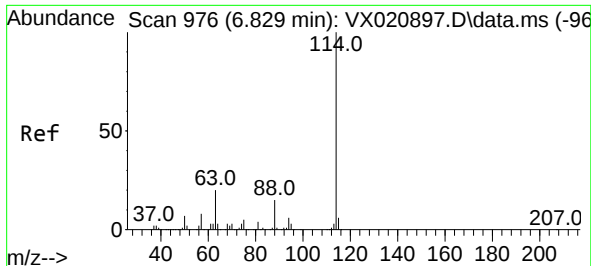
Tgt Ion: 43 Resp: 5491
Ion Ratio Lower Upper
43 100
72 28.4 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 49.50 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 65 Resp: 151158
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

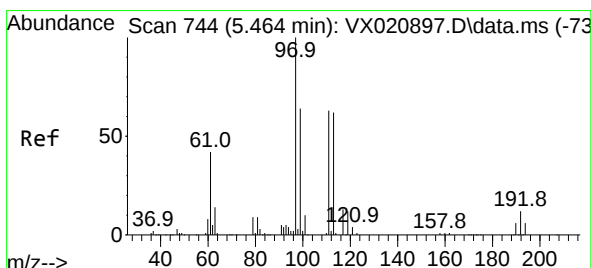
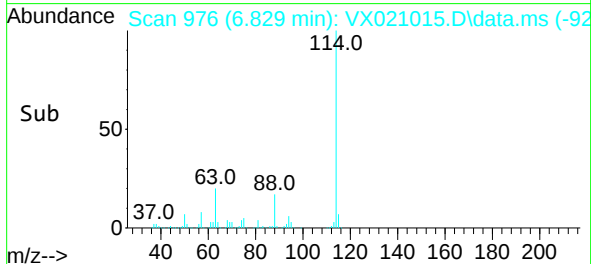
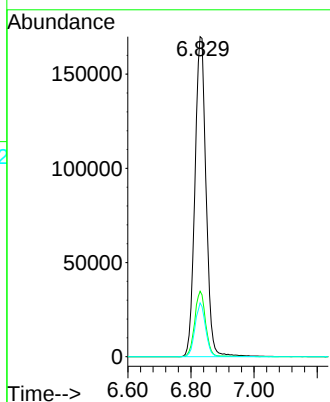
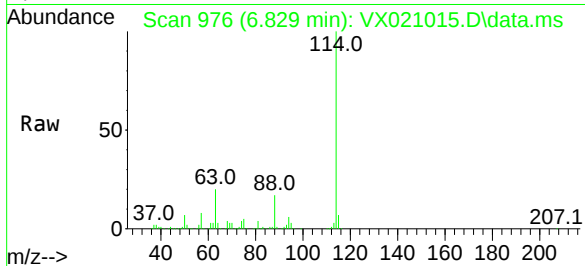




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

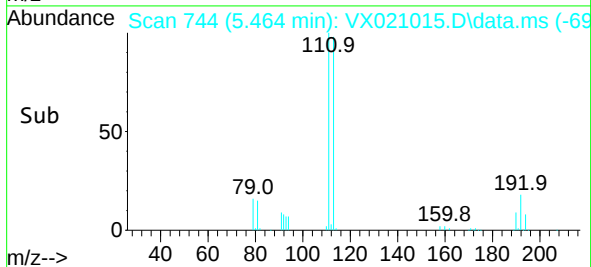
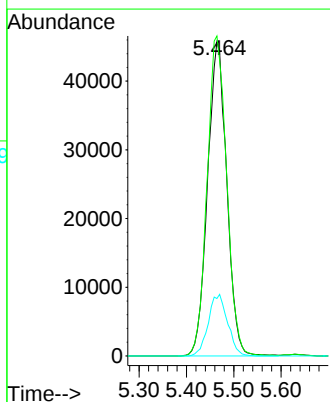
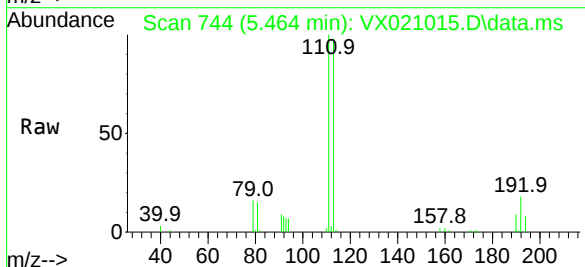
Instrument :
MSVOA_X
ClientSampleId :

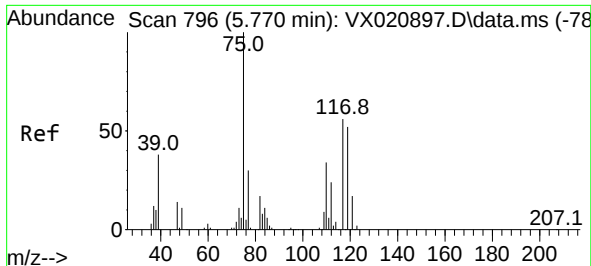
Tgt Ion:114 Resp: 416282
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.96 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

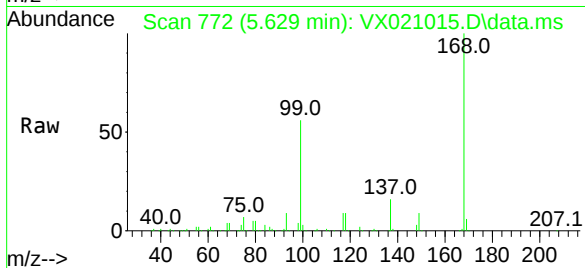
Tgt Ion:113 Resp: 128897
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 19.7 16.7 25.1



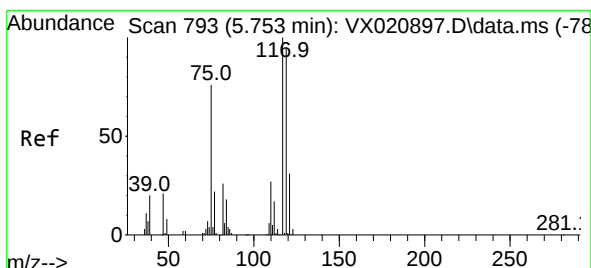
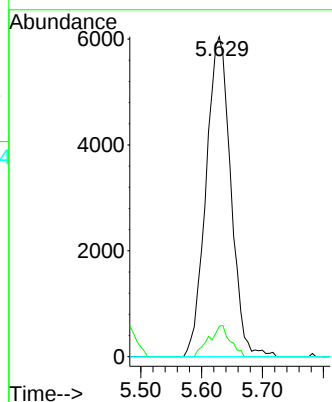
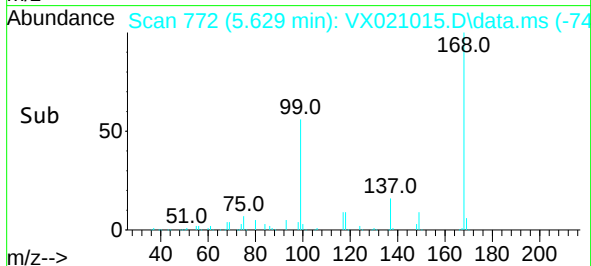


#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

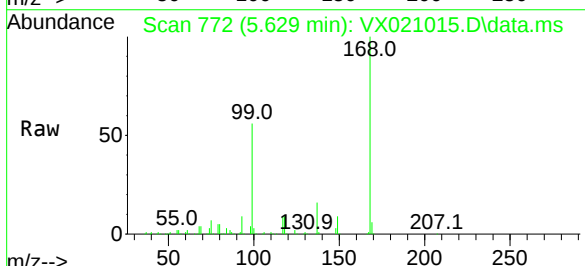
Instrument :
MSVOA_X
ClientSampleId :



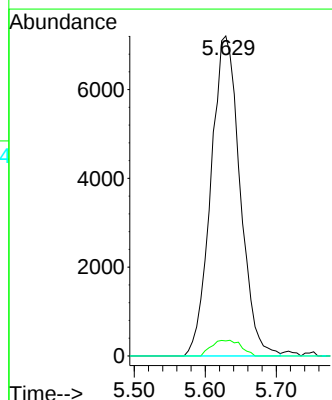
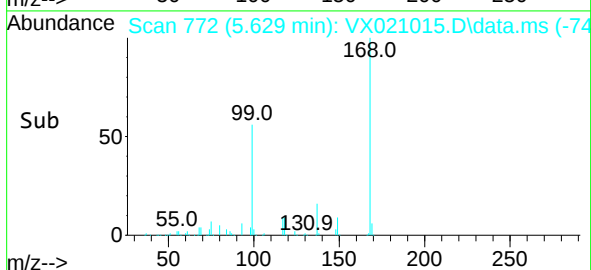
Tgt Ion: 75 Resp: 17088
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

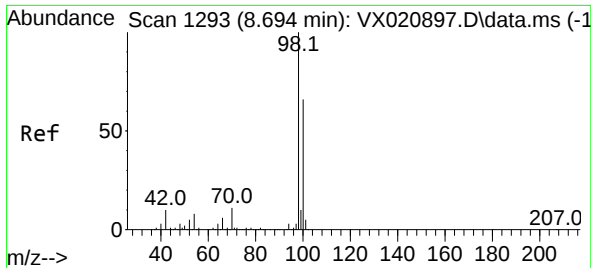


#38
Carbon Tetrachloride
Concen: 5.35 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36



Tgt Ion: 117 Resp: 20494
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

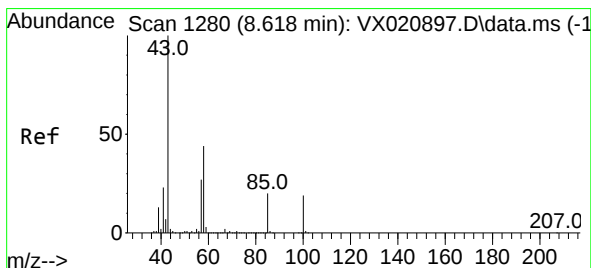
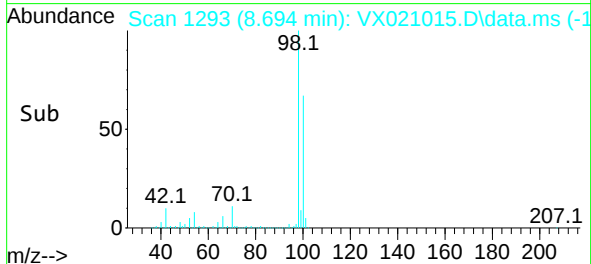
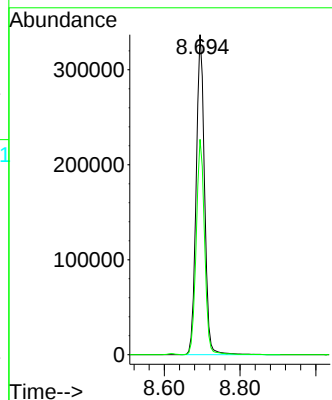
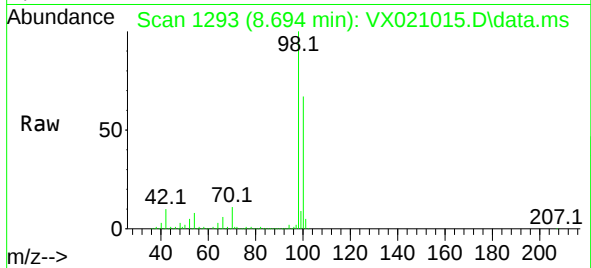




#50
Toluene-d8
Concen: 52.56 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

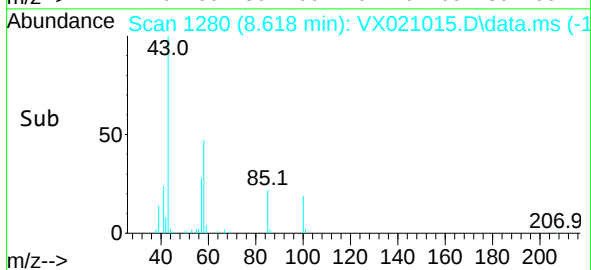
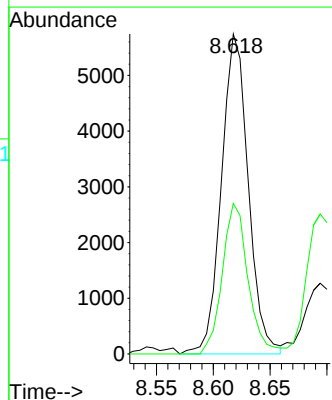
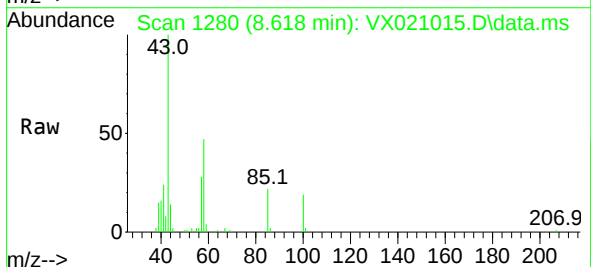
Instrument :
MSVOA_X
ClientSampled :

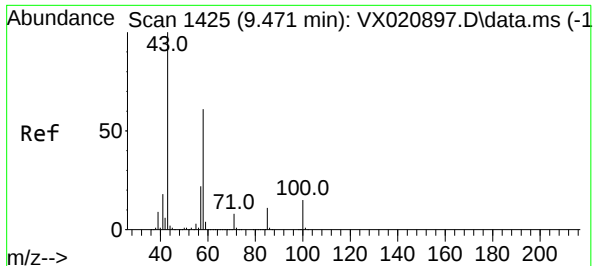
Tgt Ion: 98 Resp: 518294
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 2.54 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 43 Resp: 9456
Ion Ratio Lower Upper
43 100
58 45.0 35.4 53.0

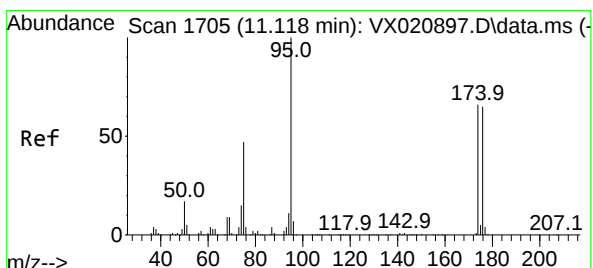
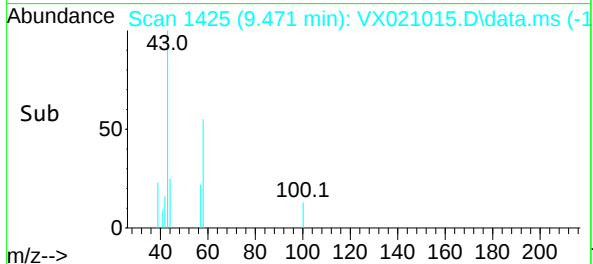
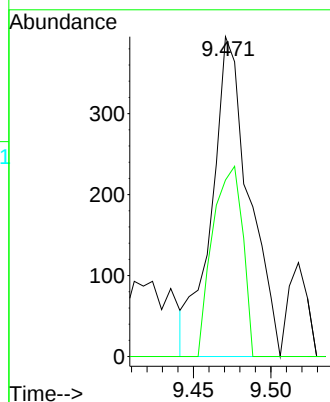
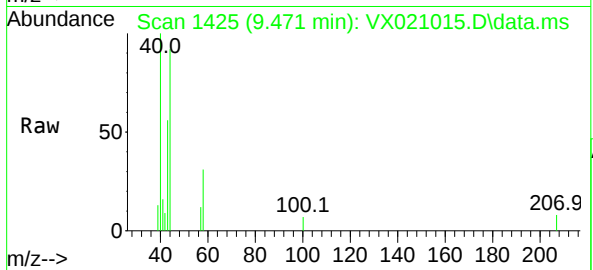




#59
2-Hexanone
Concen: 0.24 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

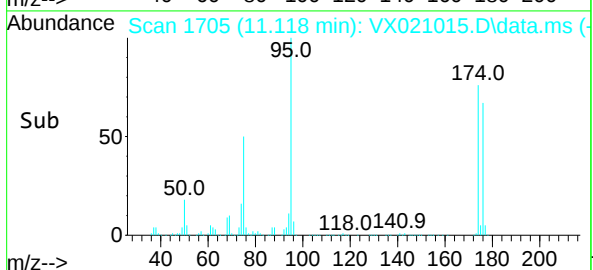
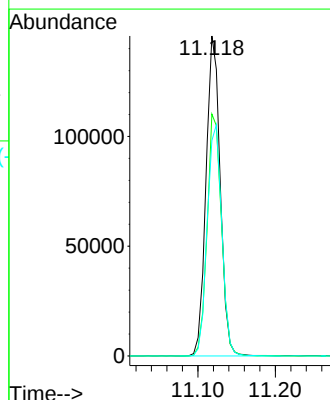
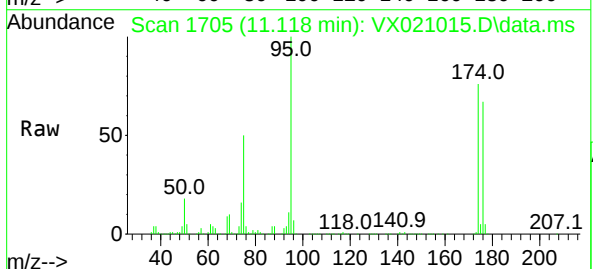
Instrument :
MSVOA_X
ClientSampled :

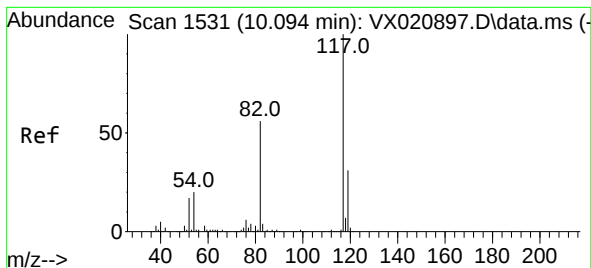
Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 47.4 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 50.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 95 Resp: 185163
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 74.5 0.0 155.8

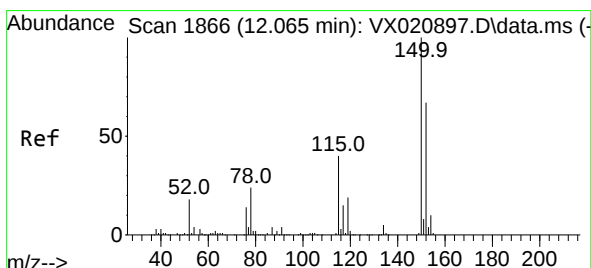
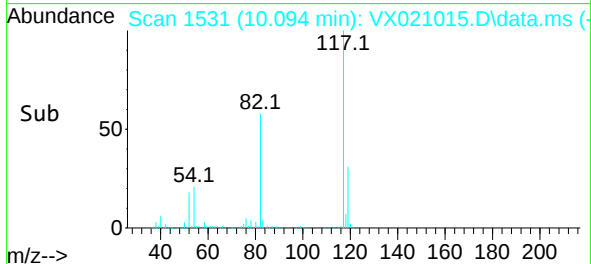
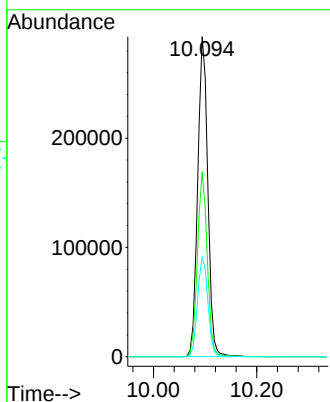
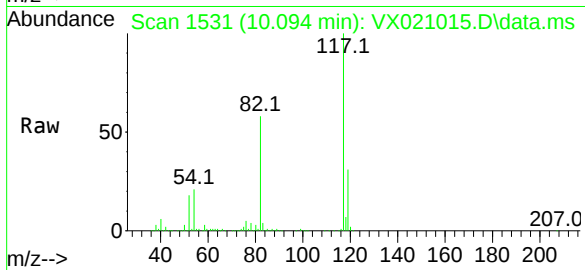




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

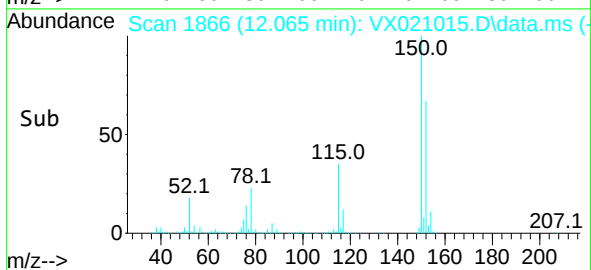
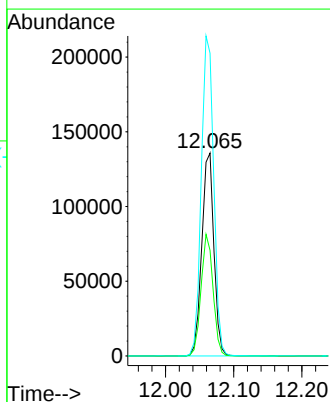
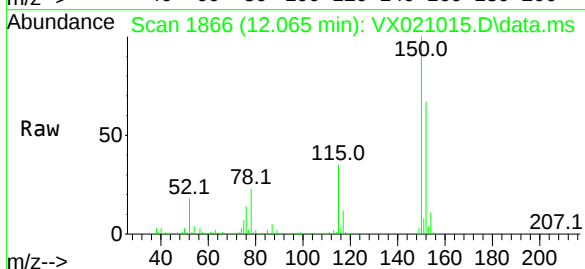
Instrument :
MSVOA_X
ClientSampleId :

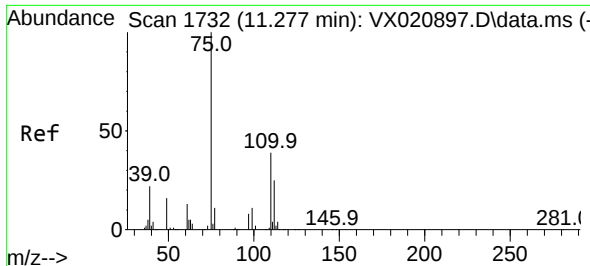
Tgt Ion:117 Resp: 396529
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion:152 Resp: 168250
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 161.1 0.0 349.0

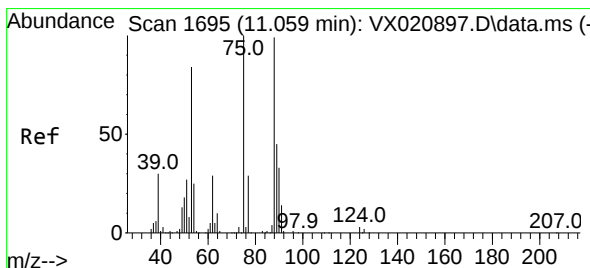
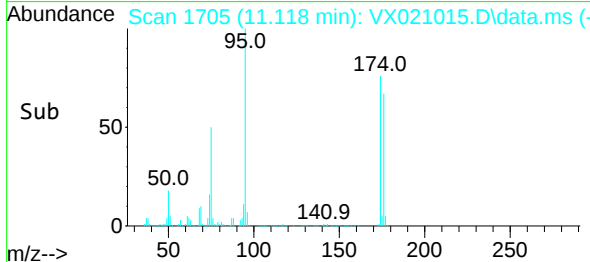
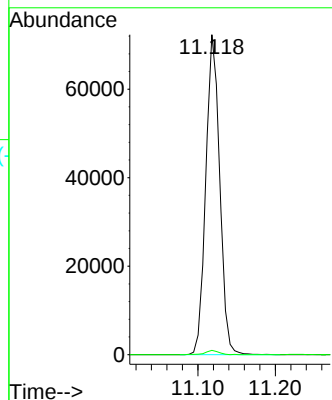
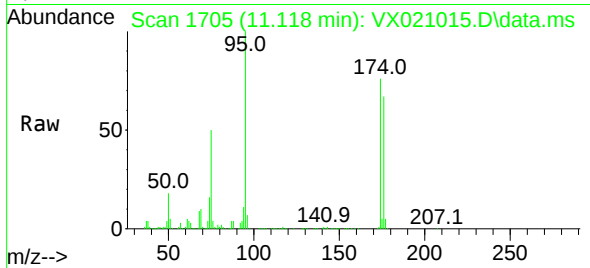




#76
1,2,3-Trichloropropane
Concen: 24.90 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 90111
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.12 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021015.D
Acq: 04 Mar 2021 15:36

Tgt Ion: 75 Resp: 90111
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

