

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021131.D
 Acq On : 10 Mar 2021 13:11
 Operator : JC/MD
 Sample : M1628-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 02:10:55 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)

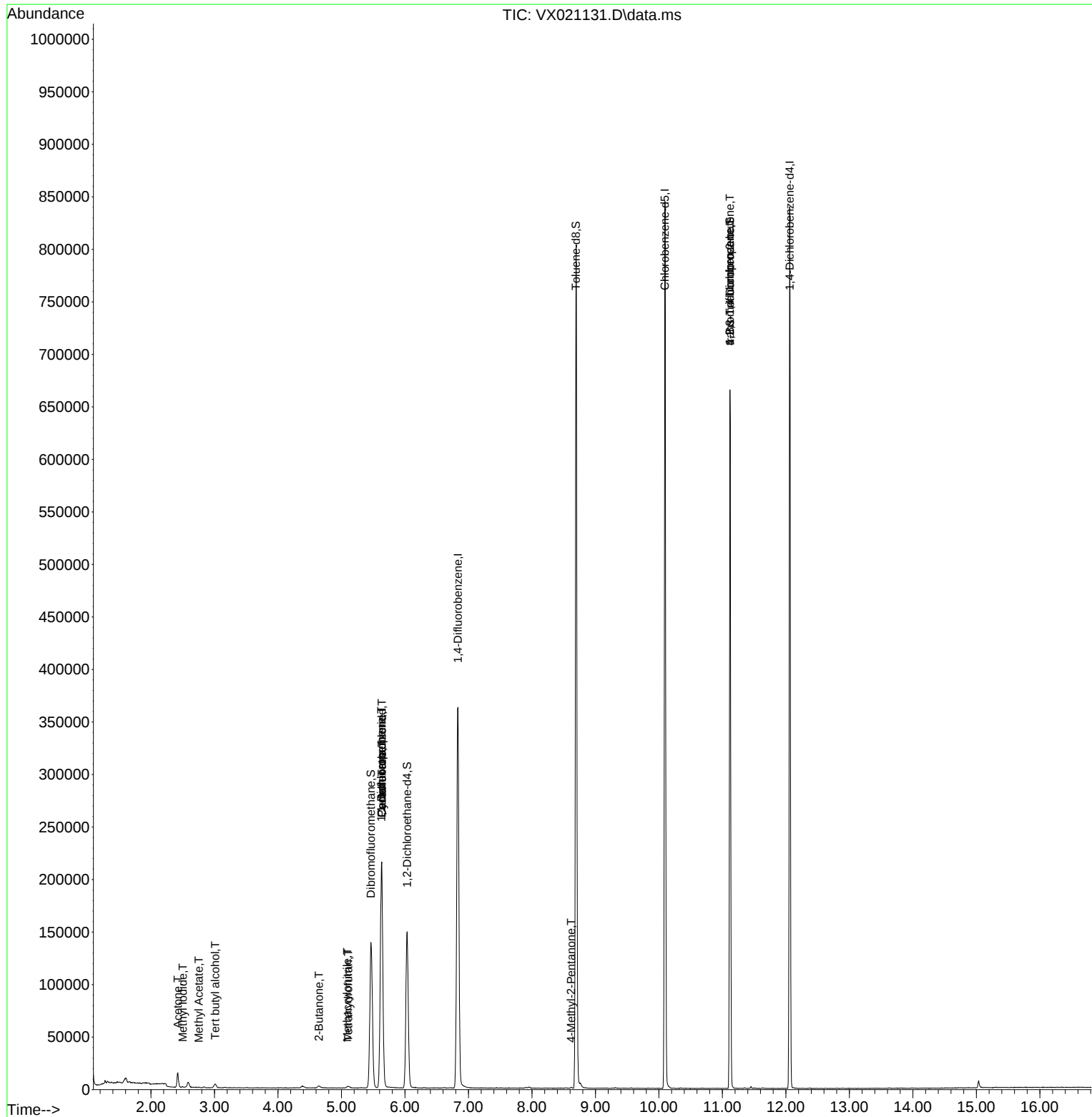
Internal Standards						
1) Pentafluorobenzene	5.635	168	204473	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	388499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	387170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	167431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	141880	51.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.74%	
35) Dibromofluoromethane	5.464	113	121680	51.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.10%	
50) Toluene-d8	8.694	98	491615	53.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.84%	
62) 4-Bromofluorobenzene	11.118	95	185076	54.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.76%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	445	Below Cal	#	80
10) Methyl Iodide	2.499	142	658	0.22 ug/l	#	87
11) Tert butyl alcohol	3.011	59	4425	7.19 ug/l		100
16) Acetone	2.423	43	14380	12.64 ug/l		98
18) Methyl Acetate	2.752	43	728	0.27 ug/l	#	79
25) 2-Butanone	4.647	43	2427	1.40 ug/l		92
29) Tetrahydrofuran	5.105	42	1480	1.33 ug/l	#	81
31) Cyclohexane	5.635	56	4289	1.07 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	16226	4.39 ug/l	#	49
38) Carbon Tetrachloride	5.635	117	20183	5.64 ug/l	#	17
41) Methacrylonitrile	5.094	41	868	0.44 ug/l	#	42
51) 4-Methyl-2-Pentanone	8.618	43	776	0.22 ug/l	#	84
76) 1,2,3-Trichloropropane	11.118	75	89200	24.76 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	89200	54.83 ug/l	#	12

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

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Quant Time: Mar 11 02:10:55 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

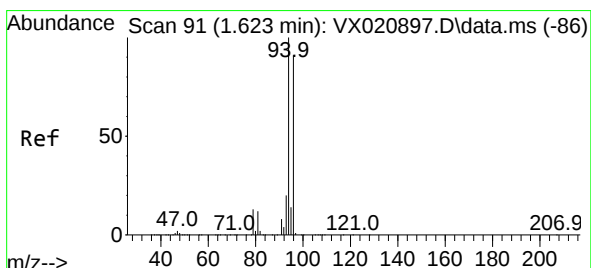
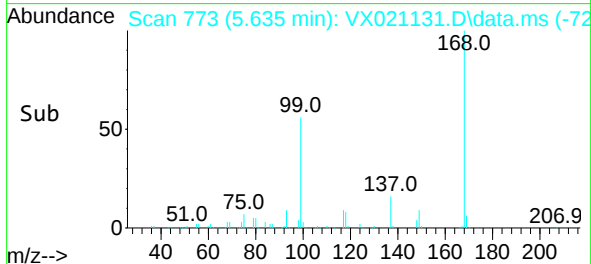
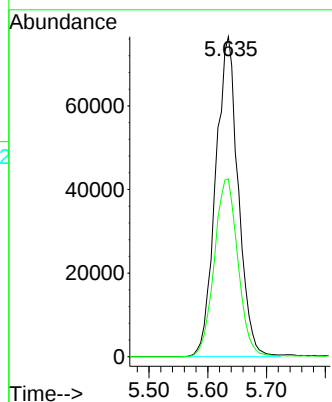
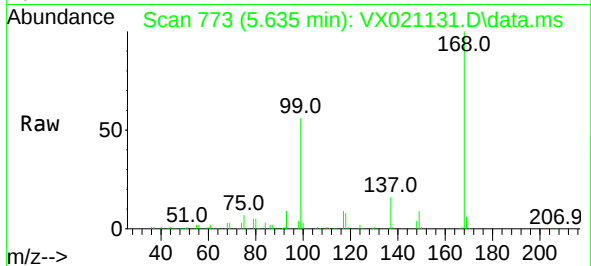




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

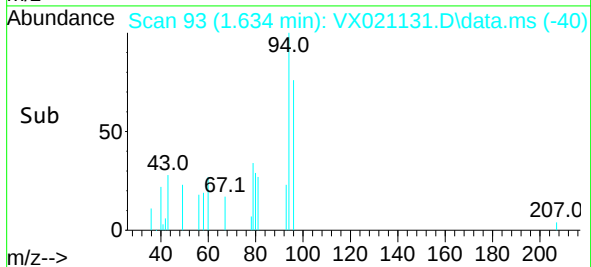
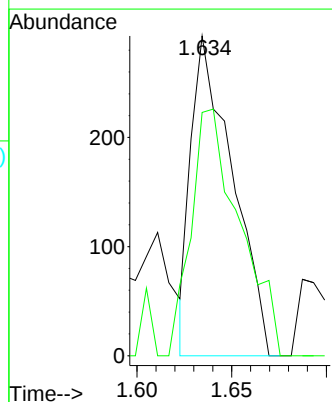
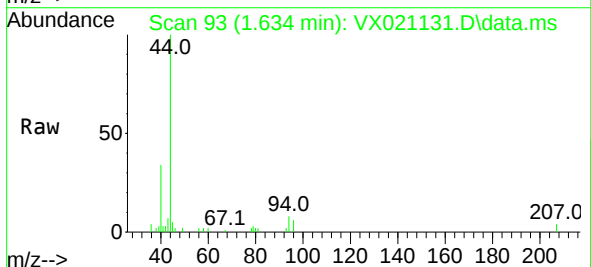
Instrument :
MSVOA_X
ClientSampled :

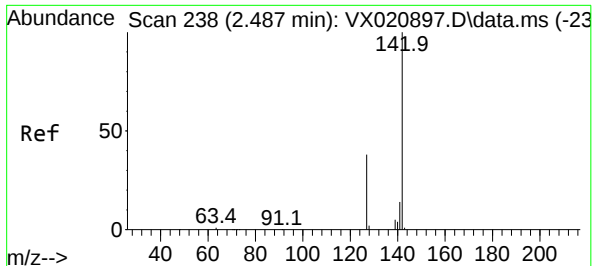
Tgt Ion:168 Resp: 204473
Ion Ratio Lower Upper
168 100
99 55.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 76.1 76.4 114.6#





#10

Methyl Iodide

Concen: 0.22 ug/l

RT: 2.499 min Scan# 240

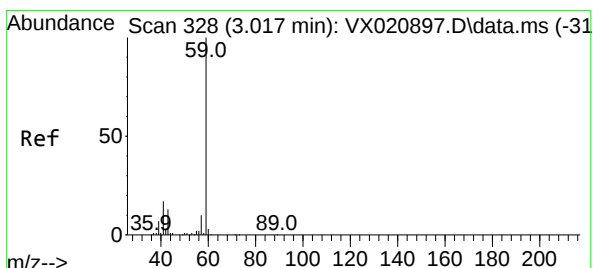
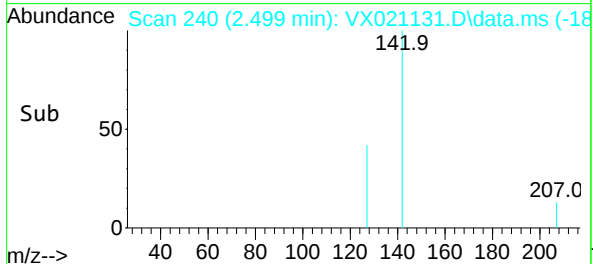
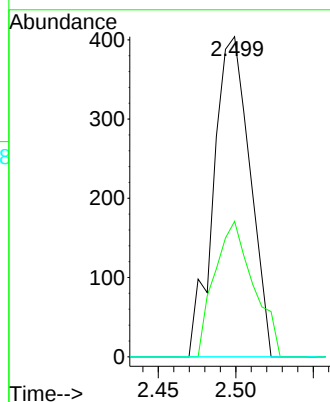
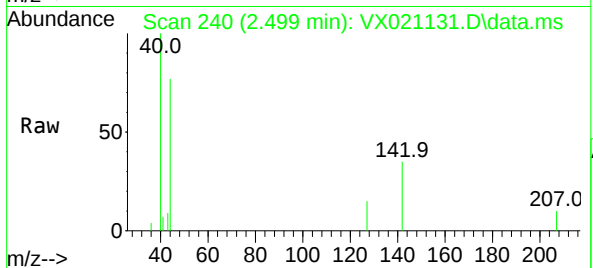
Delta R.T. 0.012 min

Lab File: VX021131.D

Acq: 10 Mar 2021 13:11

Tgt Ion:	142	Resp:	658
Ion	Ratio	Lower	Upper
142	100		
127	45.4	33.3	49.9
141	0.0	11.4	17.0#

Instrument :
MSVOA_X
ClientSampleId :



#11

Tert butyl alcohol

Concen: 7.19 ug/l

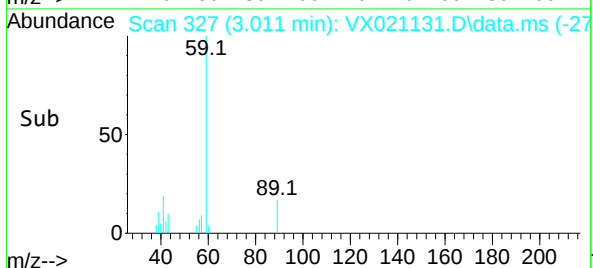
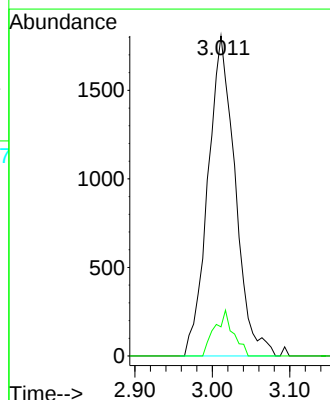
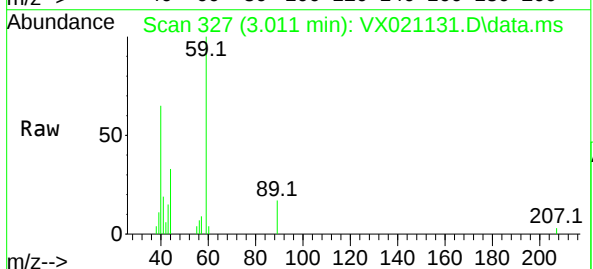
RT: 3.011 min Scan# 327

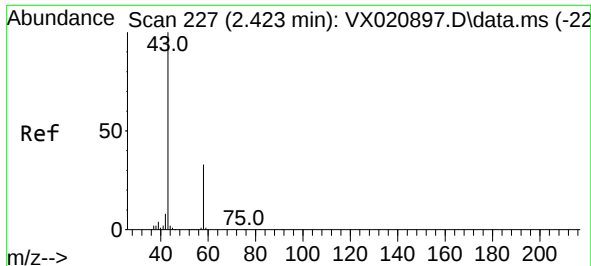
Delta R.T. -0.006 min

Lab File: VX021131.D

Acq: 10 Mar 2021 13:11

Tgt Ion:	59	Resp:	4425
Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.8

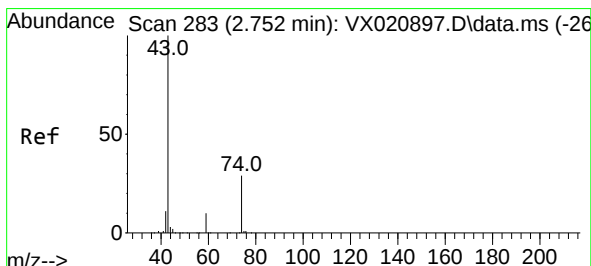
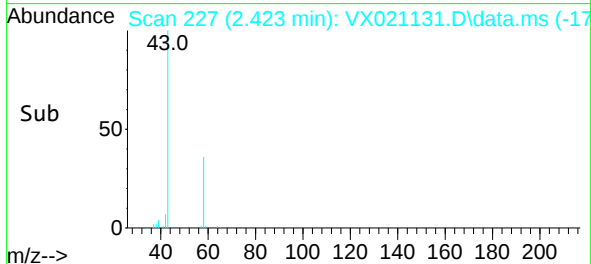
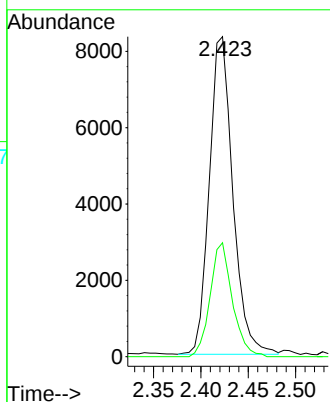
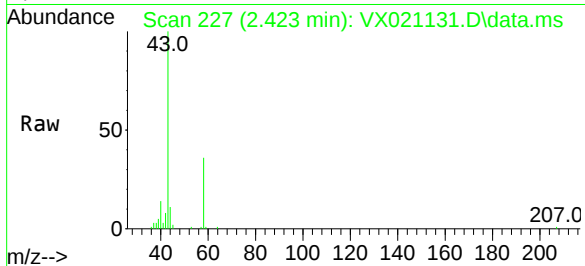




#16
Acetone
Concen: 12.64 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

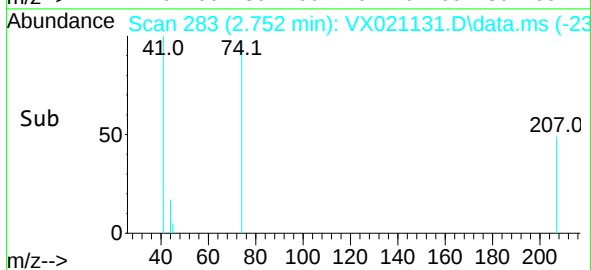
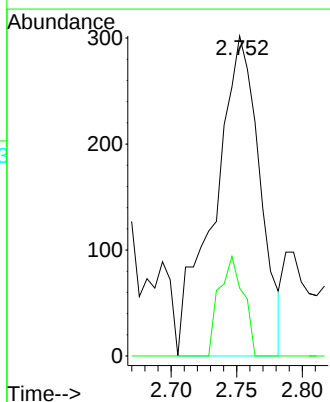
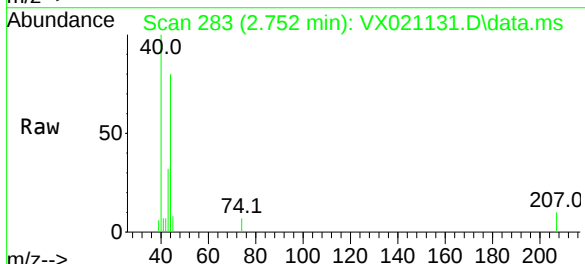
Instrument :
MSVOA_X
ClientSampled :

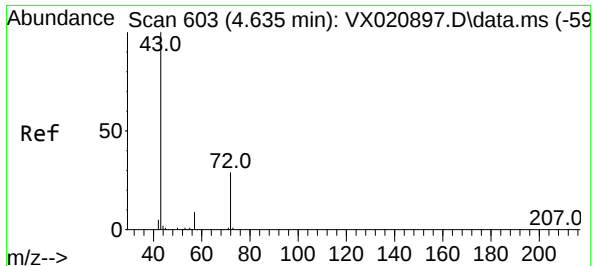
Tgt Ion: 43 Resp: 14380
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
74 16.6 21.9 32.9#

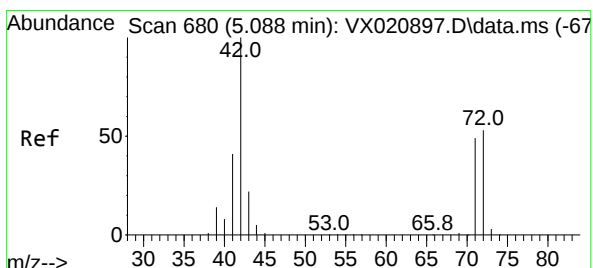
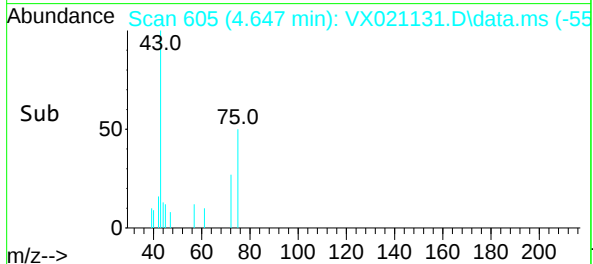
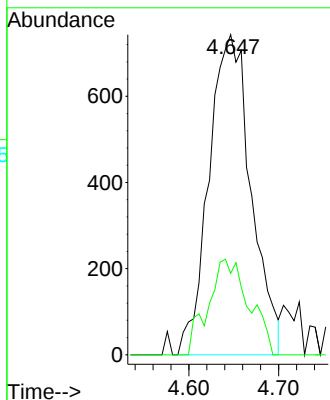
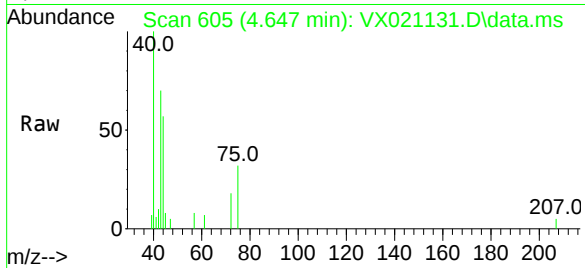




#25
2-Butanone
Concen: 1.40 ug/l
RT: 4.647 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

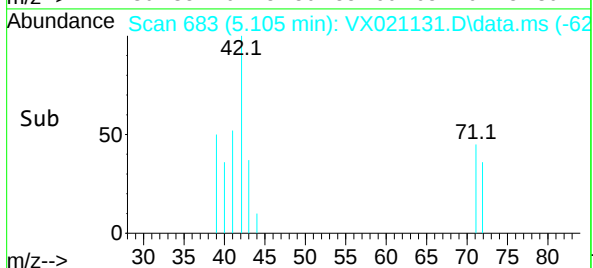
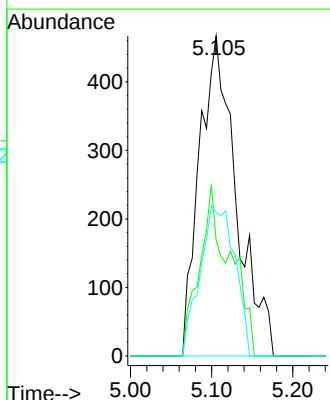
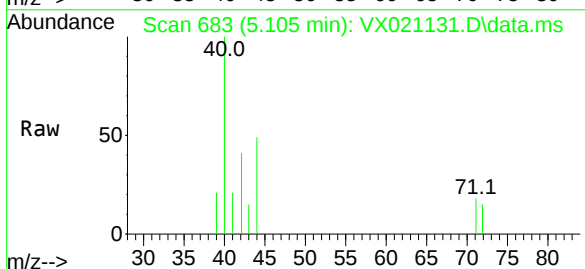
Instrument :
MSVOA_X
ClientSampled :

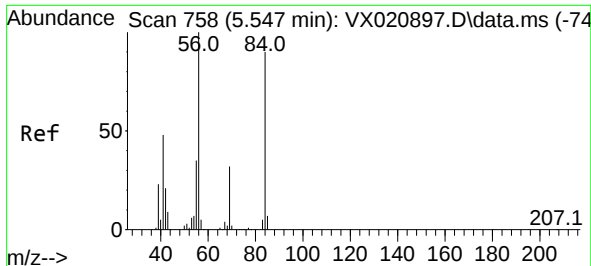
Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
72 25.4 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.33 ug/l
RT: 5.105 min Scan# 683
Delta R.T. 0.018 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

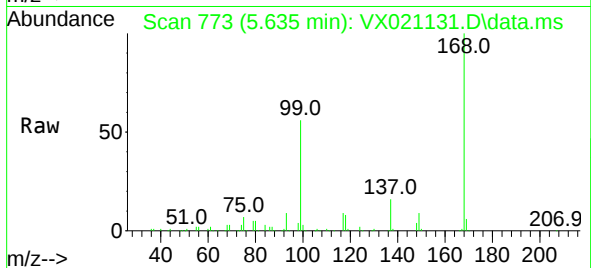
Tgt Ion: 42 Resp: 1480
Ion Ratio Lower Upper
42 100
72 30.9 41.7 62.5#
71 44.1 38.4 57.6



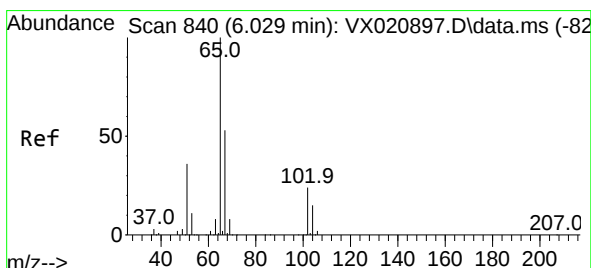
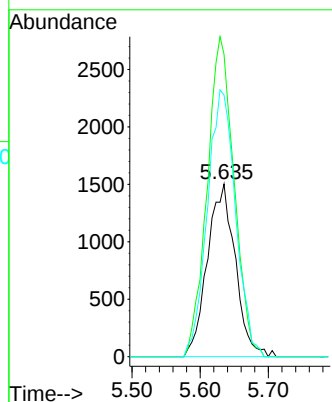
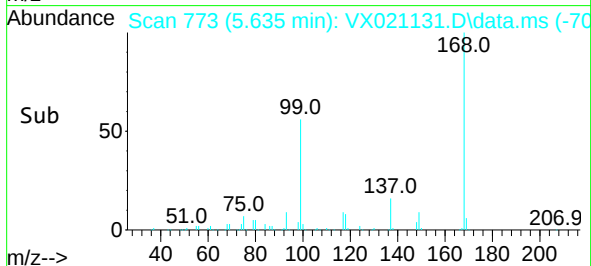


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

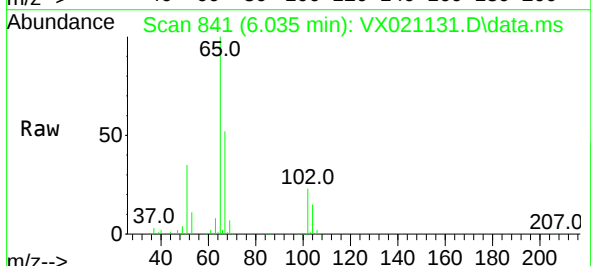
Instrument :
MSVOA_X
ClientSampleId :



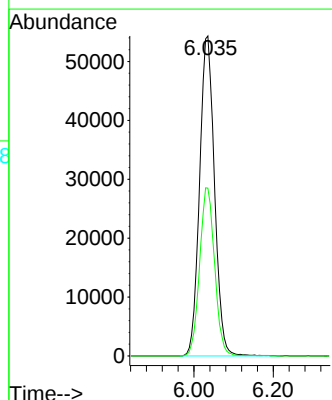
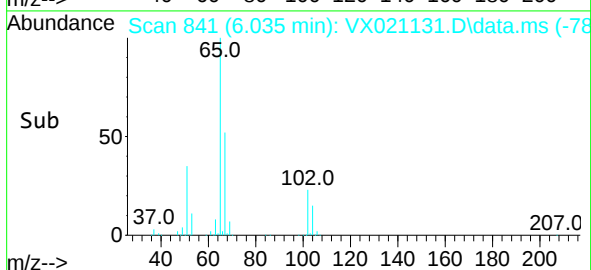
Tgt Ion: 56 Resp: 4289
Ion Ratio Lower Upper
56 100
69 175.0 25.3 37.9#
84 151.6 71.4 107.0#

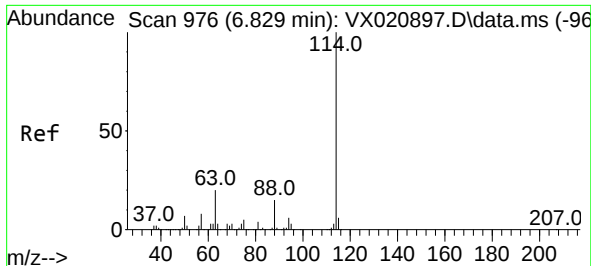


#33
1,2-Dichloroethane-d4
Concen: 51.37 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11



Tgt Ion: 65 Resp: 141880
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

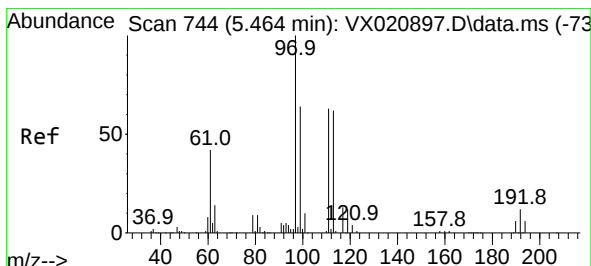
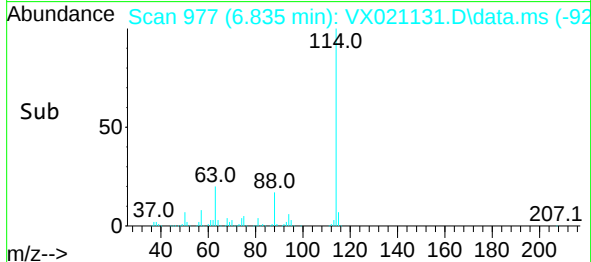
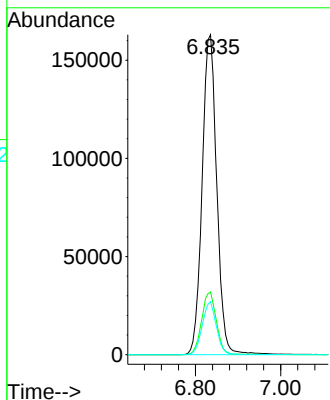
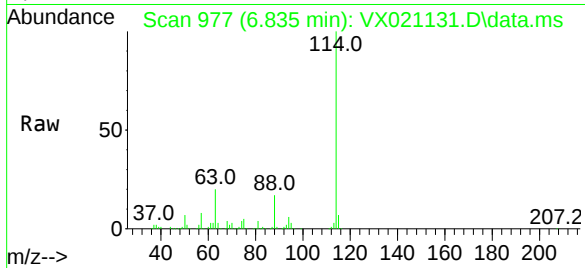




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

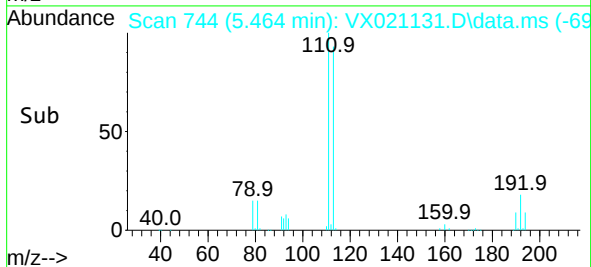
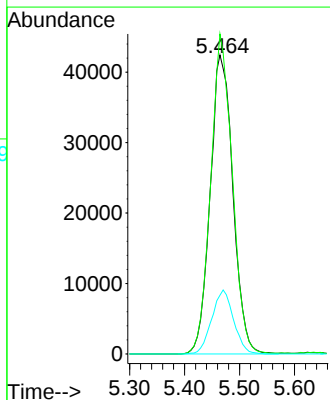
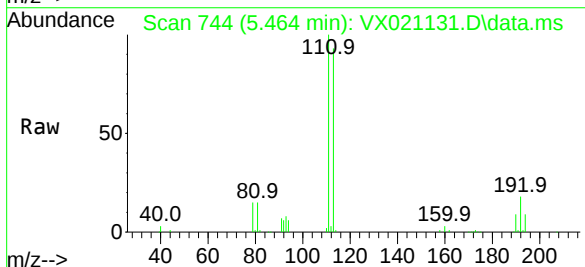
Instrument :
MSVOA_X
ClientSampled :

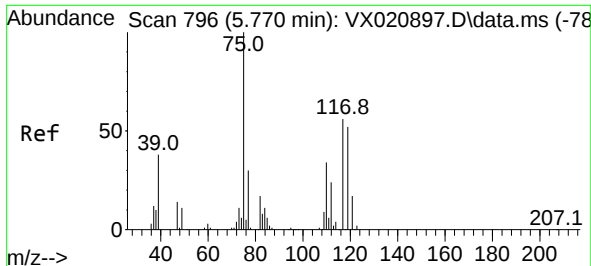
Tgt Ion:114 Resp: 388499
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.55 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

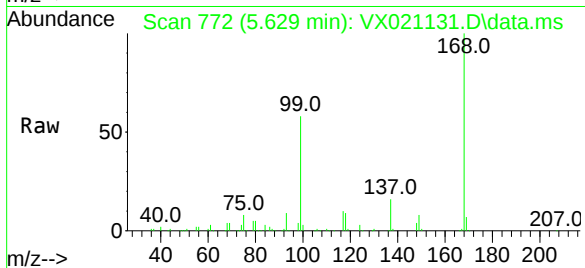
Tgt Ion:113 Resp: 121680
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.5 16.7 25.1



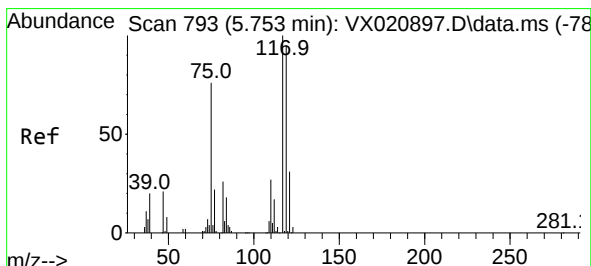
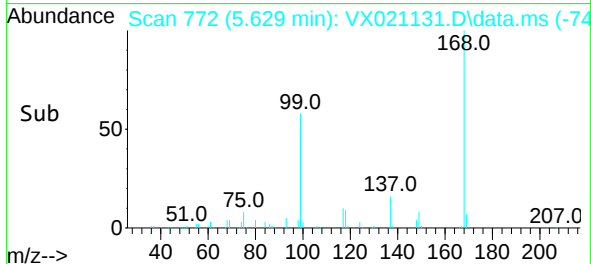
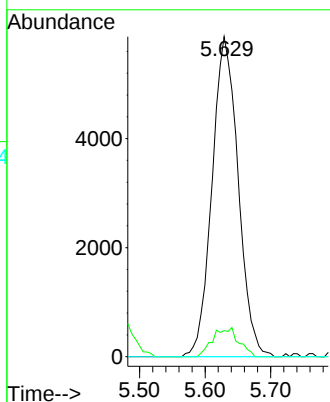


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

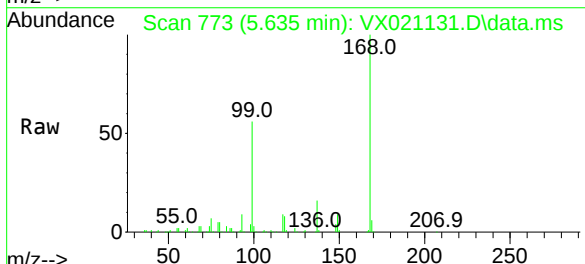
Instrument :
MSVOA_X
ClientSampleId :



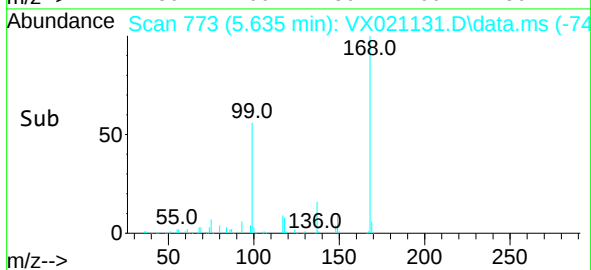
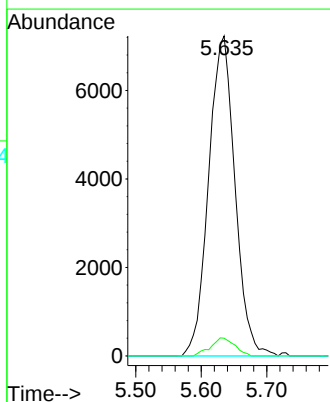
Tgt Ion: 75 Resp: 16226
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#

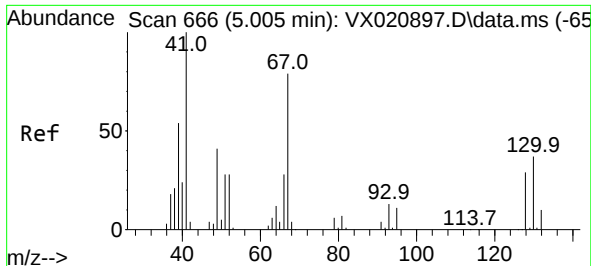


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11



Tgt Ion: 117 Resp: 20183
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

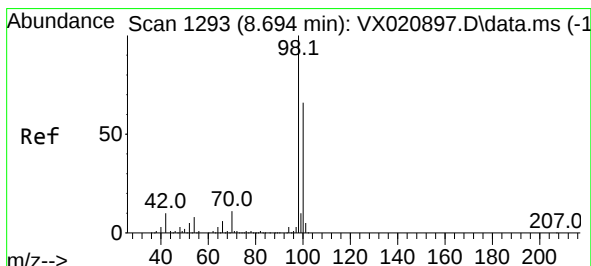
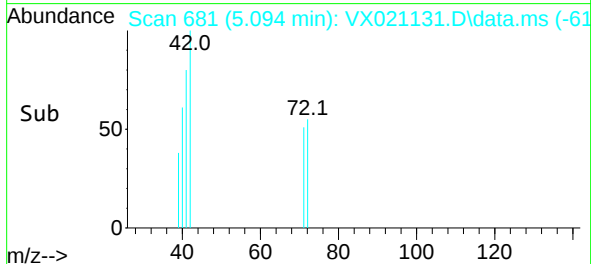
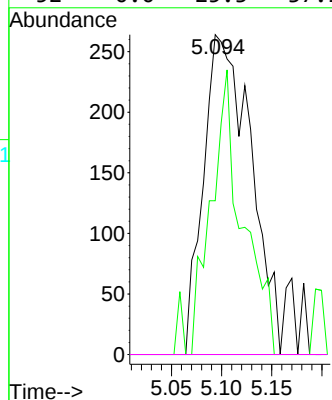
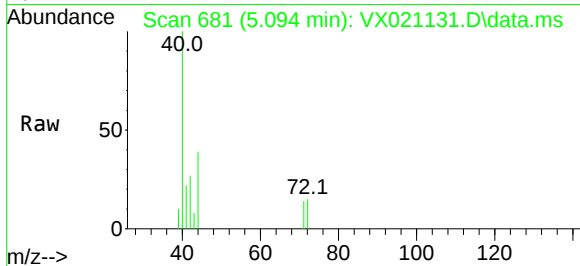




#41
Methacrylonitrile
Concen: 0.44 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.088 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

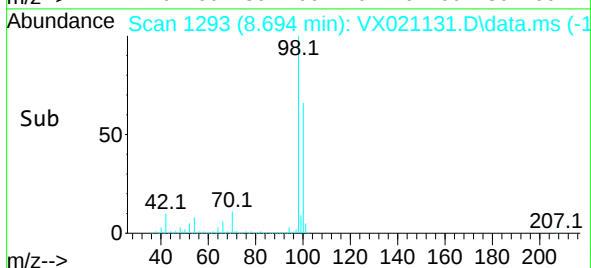
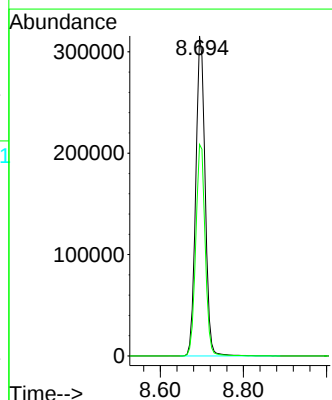
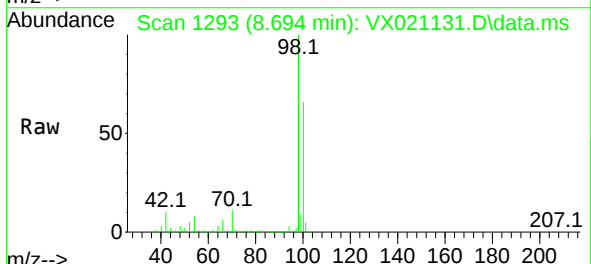
Instrument :
MSVOA_X
ClientSampleId :

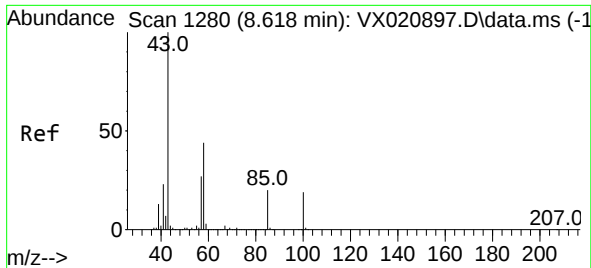
Tgt Ion: 41	Resp: 868
Ion Ratio	Lower Upper
41 100	
39 59.4	42.5 63.7
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#50
Toluene-d8
Concen: 53.42 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

Tgt Ion: 98	Resp: 491615
Ion Ratio	Lower Upper
98 100	
100 66.5	51.9 77.9

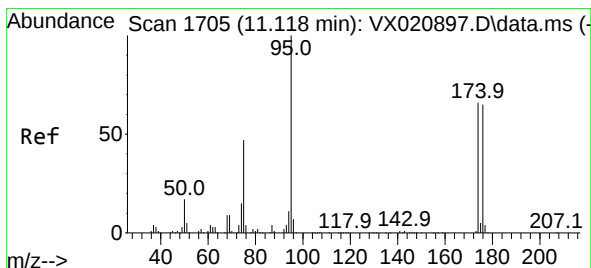
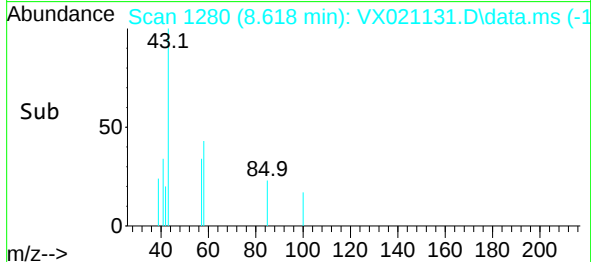
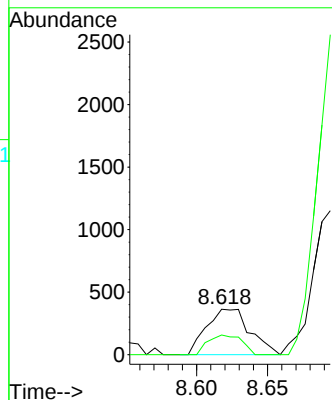
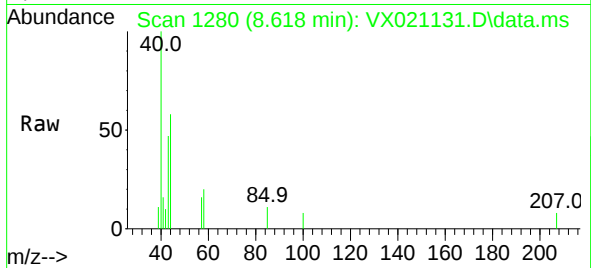




#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

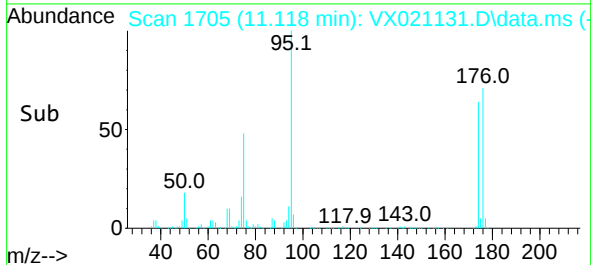
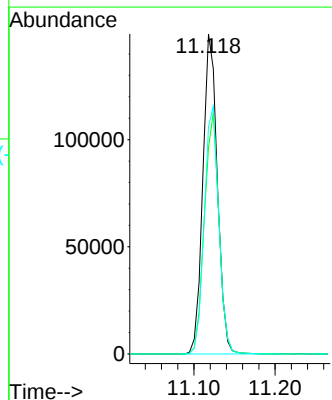
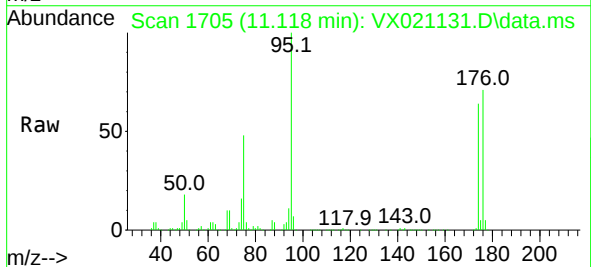
Instrument :
MSVOA_X
ClientSampled :

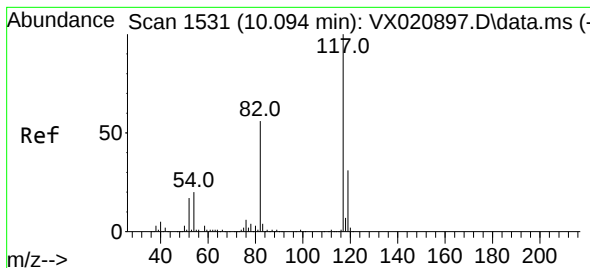
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 33.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 54.38 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

Tgt Ion: 95 Resp: 185076
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 77.6 0.0 155.8

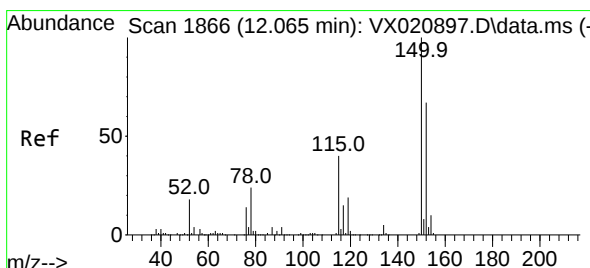
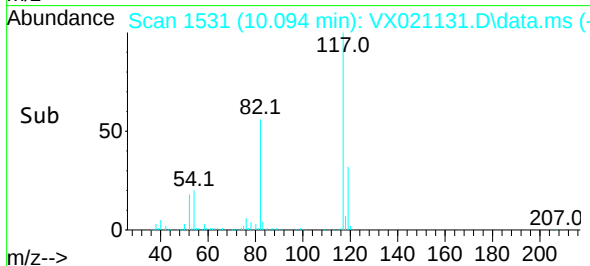
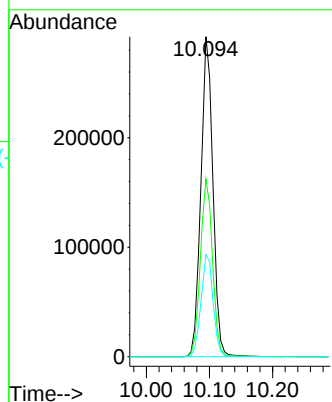
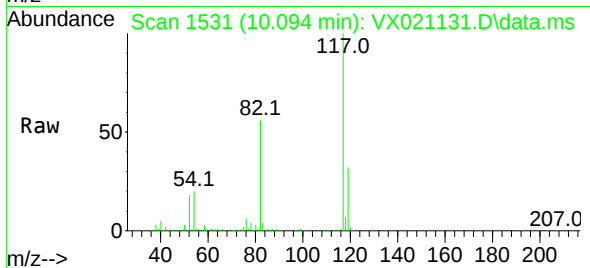




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

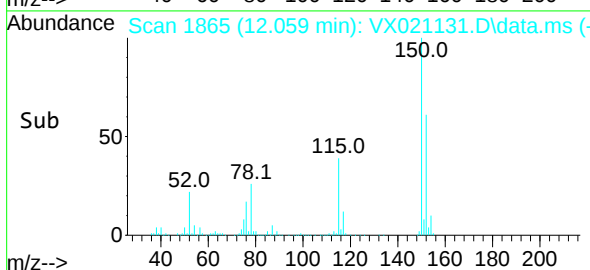
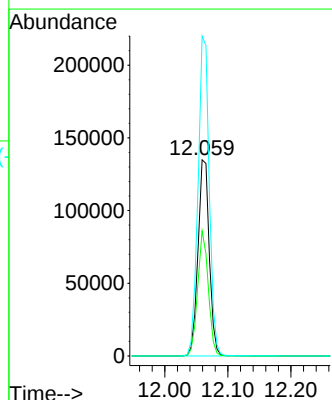
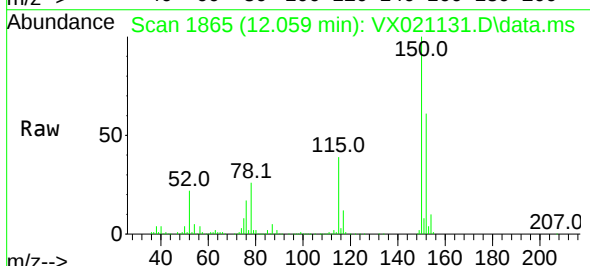
Instrument :
MSVOA_X
ClientSampleId :

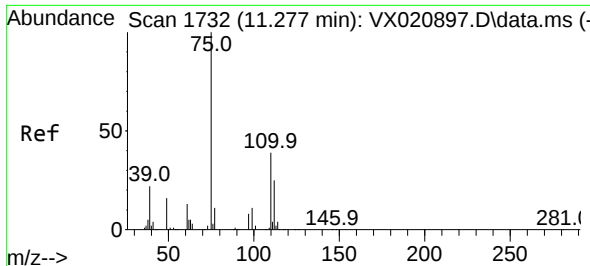
Tgt Ion:117 Resp: 387170
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

Tgt Ion:152 Resp: 167431
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 161.9 0.0 349.0

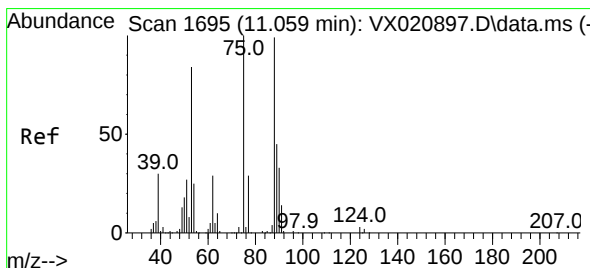
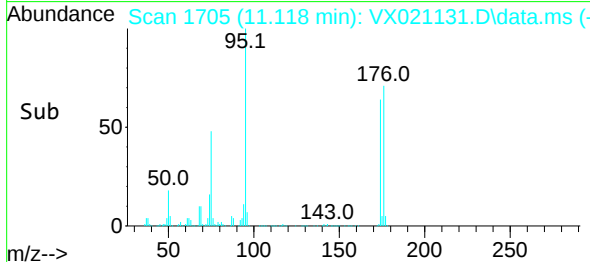
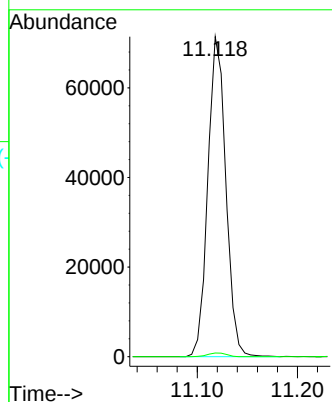
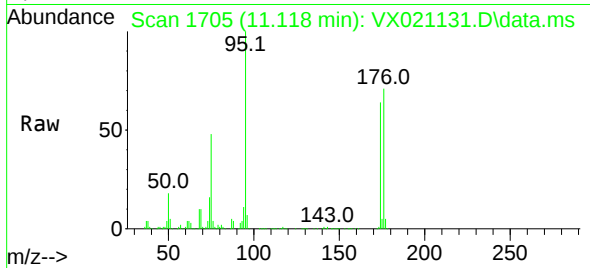




#76
1,2,3-Trichloropropane
Concen: 24.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 89200
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021131.D
Acq: 10 Mar 2021 13:11

Tgt Ion: 75 Resp: 89200
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

