

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021395.D
 Acq On : 23 Mar 2021 18:53
 Operator : JC/MD
 Sample : M1764-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 01:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

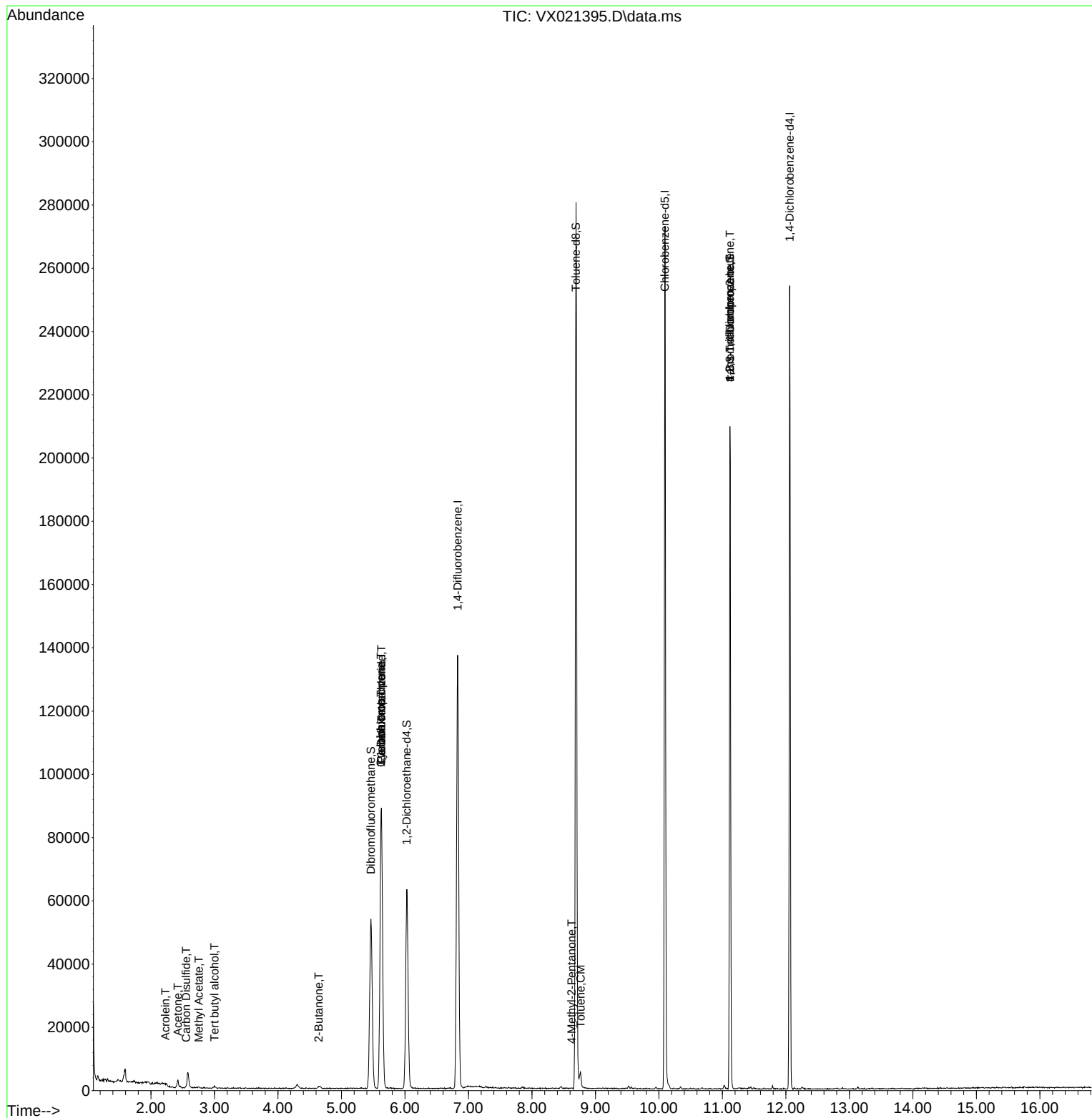
Internal Standards						
1) Pentafluorobenzene	5.629	168	76265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	127005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62163	49.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.40%
35) Dibromofluoromethane	5.464	113	43831	50.72	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.44%
50) Toluene-d8	8.694	98	156551	49.93	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.86%
62) 4-Bromofluorobenzene	11.118	95	55153	45.29	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.58%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	672	Below Cal	#	82
11) Tert butyl alcohol	2.999	59	208	0.99 ug/l	#	73
13) Acrolein	2.228	56	25	3.32 ug/l	#	1
16) Acetone	2.423	43	2748	5.97 ug/l	#	79
17) Carbon Disulfide	2.552	76	567	0.78 ug/l	#	75
18) Methyl Acetate	2.752	43	597	0.47 ug/l	#	66
25) 2-Butanone	4.641	43	359	0.51 ug/l	#	45
31) Cyclohexane	5.623	56	2131	1.41 ug/l	#	4
36) 1,1-Dichloropropene	5.623	75	7118	5.56 ug/l	#	49
38) Carbon Tetrachloride	5.629	117	8383	6.31 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.623	43	297	0.21 ug/l	#	32
52) Toluene	8.765	92	1446	0.66 ug/l		92
76) 1,2,3-Trichloropropane	11.118	75	31171	29.65 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31171	80.50 ug/l	#	12

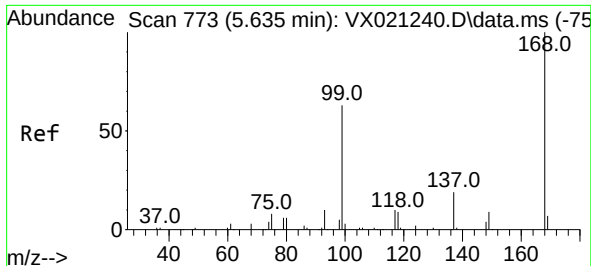
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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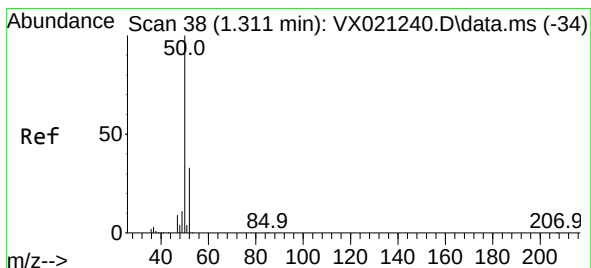
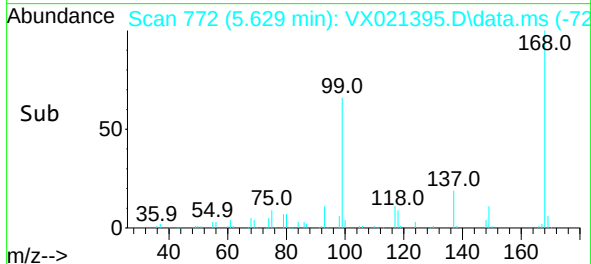
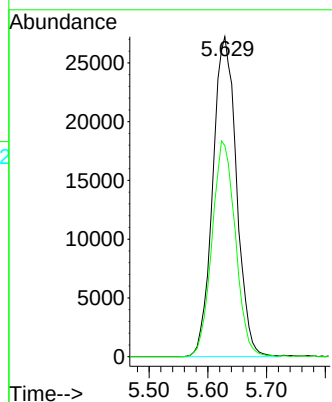
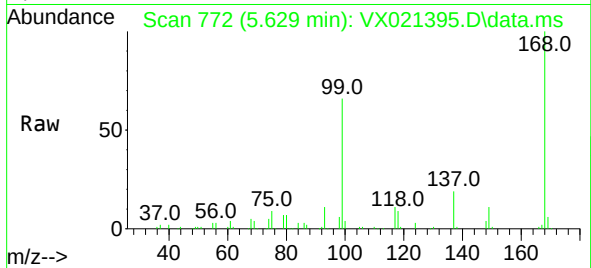




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

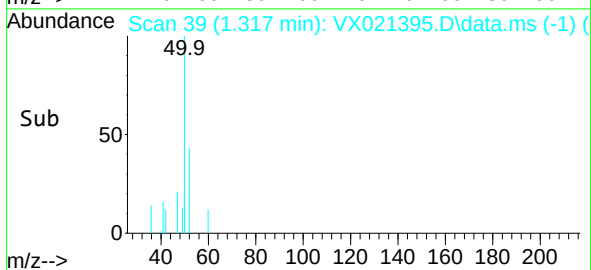
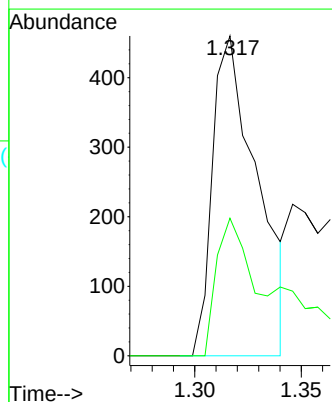
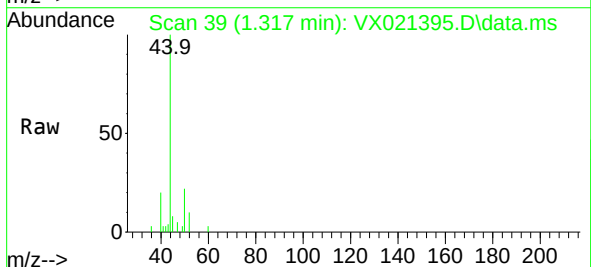
Instrument :
MSVOA_X
ClientSampleId :

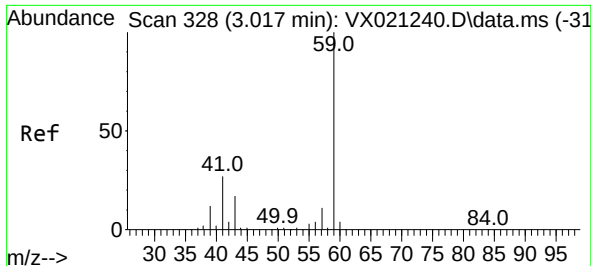
Tgt Ion:168 Resp: 76265
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion: 50 Resp: 672
Ion Ratio Lower Upper
50 100
52 43.0 26.4 39.6#

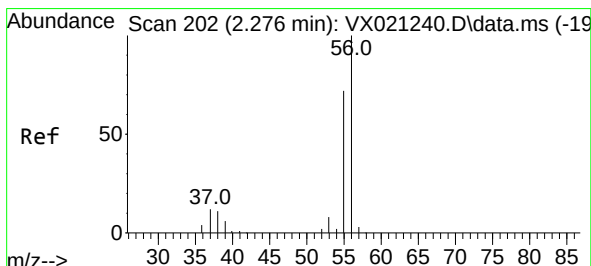
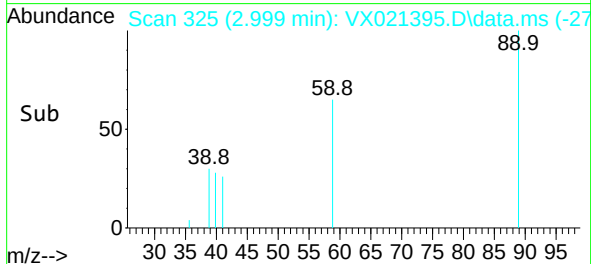
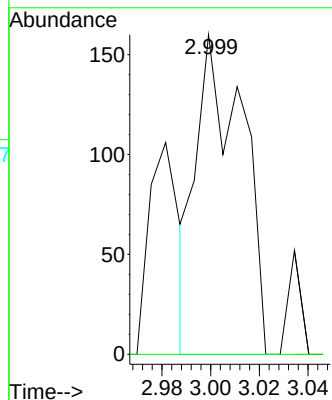
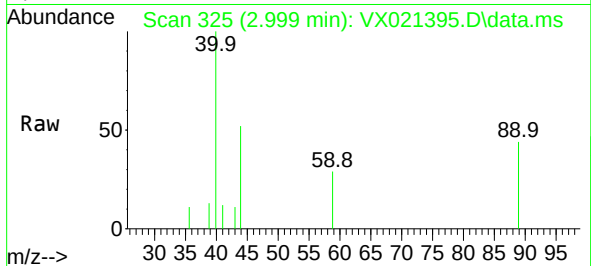




#11
Tert butyl alcohol
Concen: 0.99 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

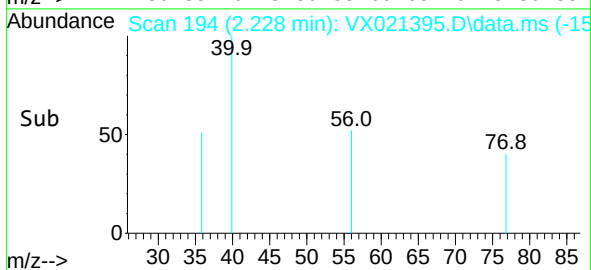
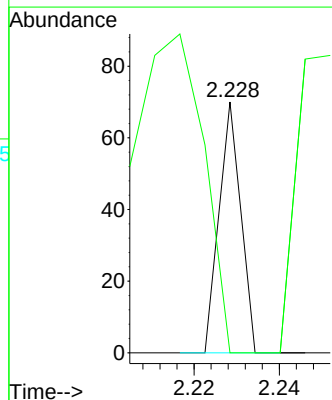
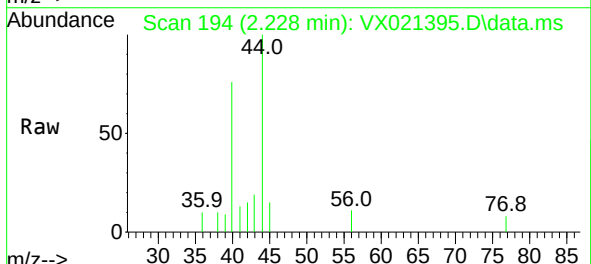
Instrument :
MSVOA_X
ClientSampled :

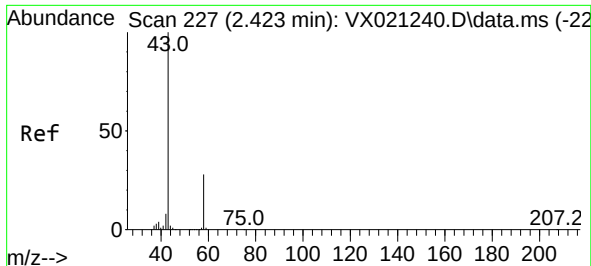
Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.32 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 580.0 56.4 84.6#

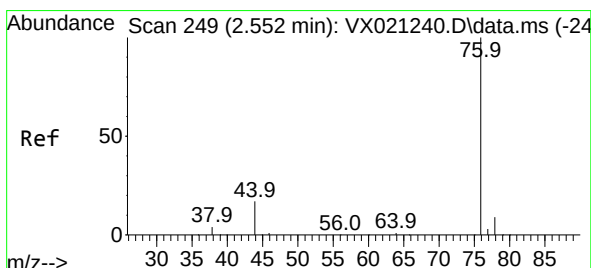
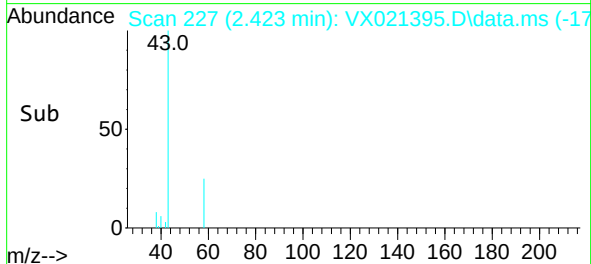
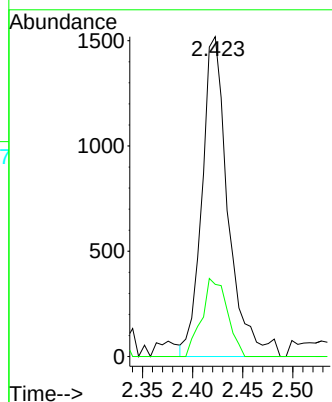
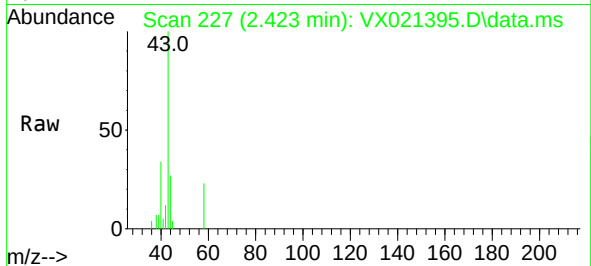




#16
Acetone
Concen: 5.97 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

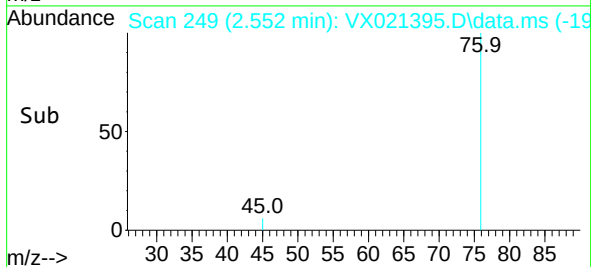
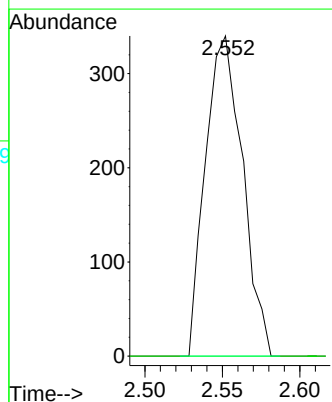
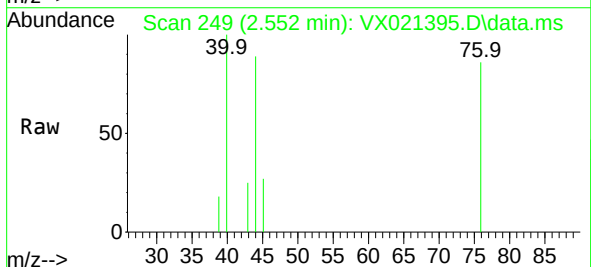
Instrument :
MSVOA_X
ClientSampled :

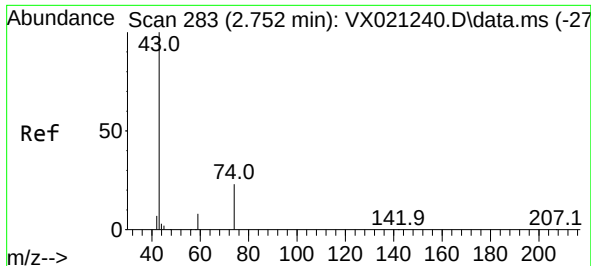
Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
58 22.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.78 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion: 76 Resp: 567
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.47 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

Lab File: VX021395.D

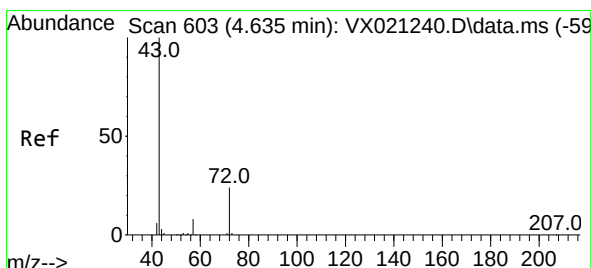
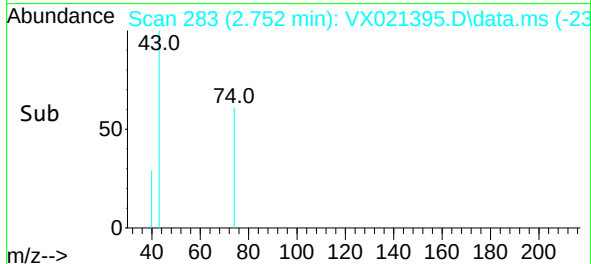
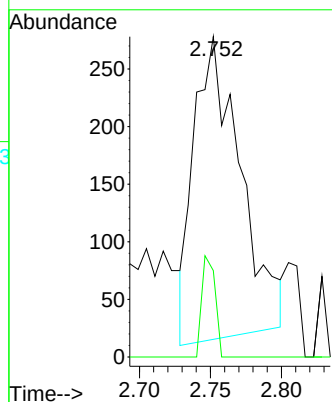
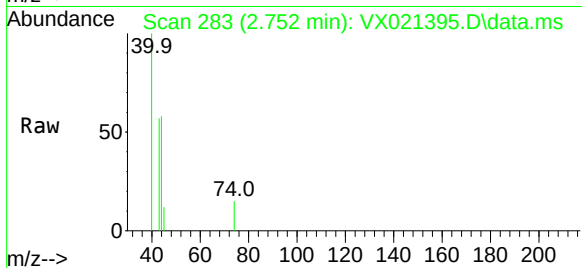
Acq: 23 Mar 2021 18:53

Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

74 9.7 21.9 32.9#



#25

2-Butanone

Concen: 0.51 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021395.D

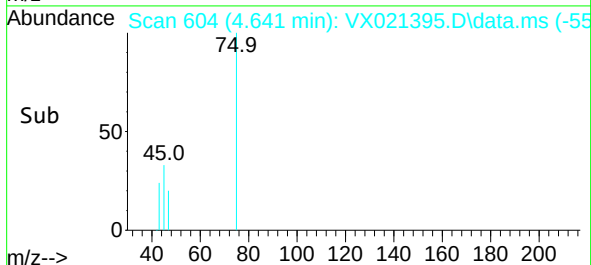
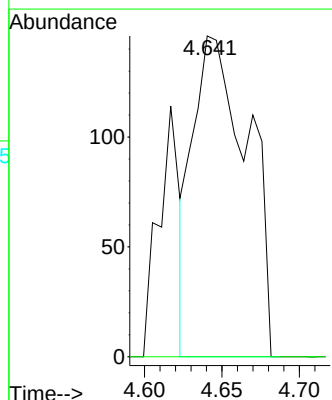
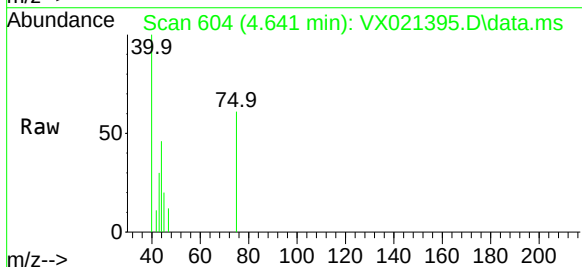
Acq: 23 Mar 2021 18:53

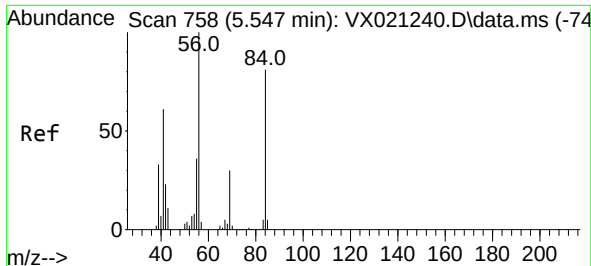
Tgt Ion: 43 Resp: 359

Ion Ratio Lower Upper

43 100

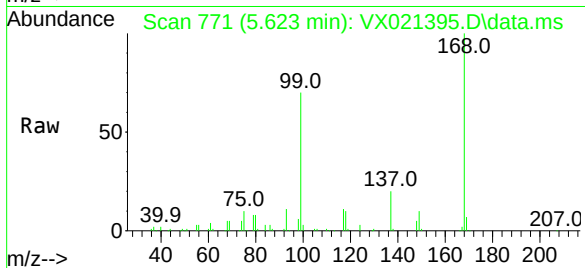
72 0.0 23.7 35.5#



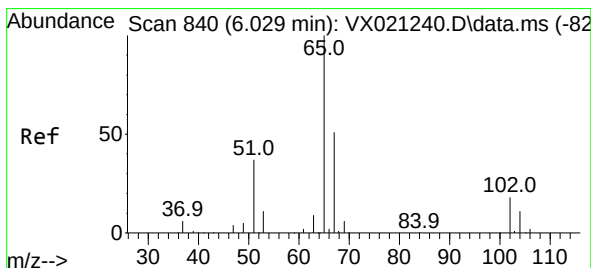
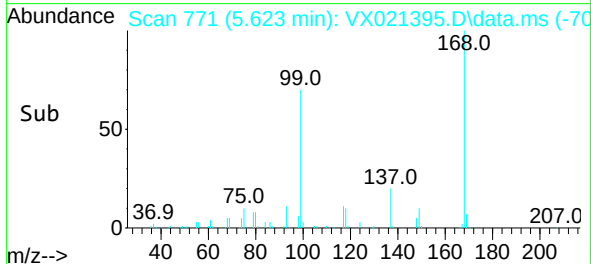
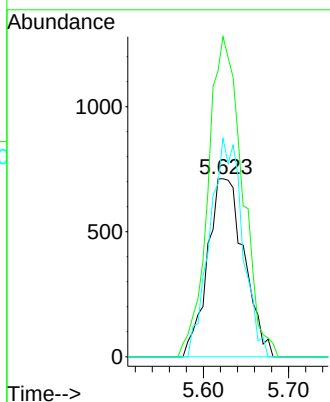


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Instrument :
MSVOA_X
ClientSampleId :

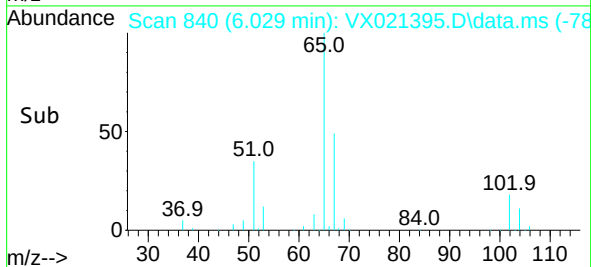
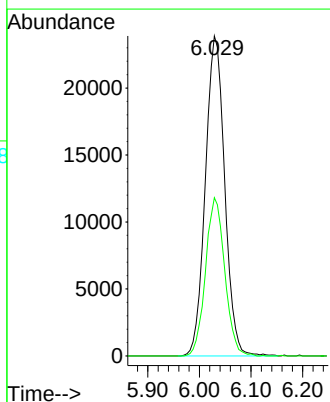
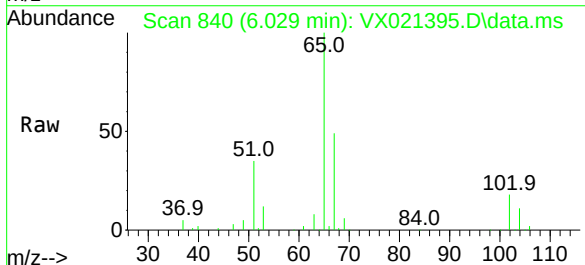


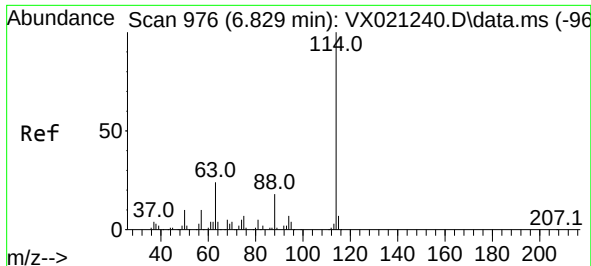
Tgt Ion: 56 Resp: 2131
Ion Ratio Lower Upper
56 100
69 179.8 25.3 37.9#
84 122.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.70 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

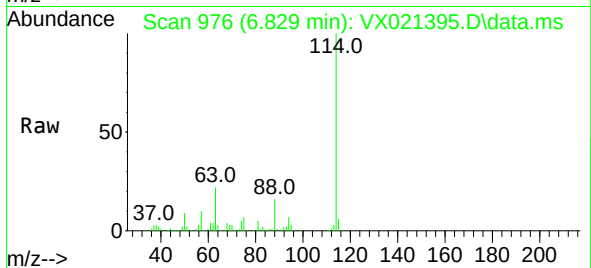
Tgt Ion: 65 Resp: 62163
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.4



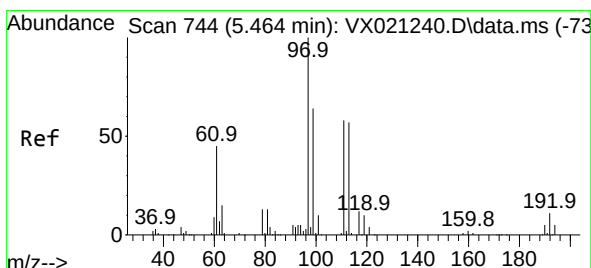
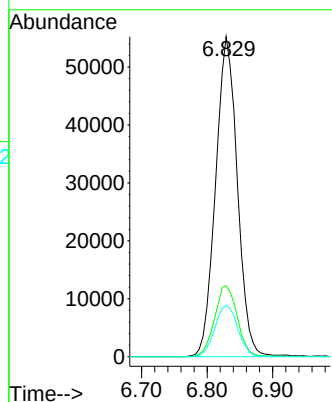
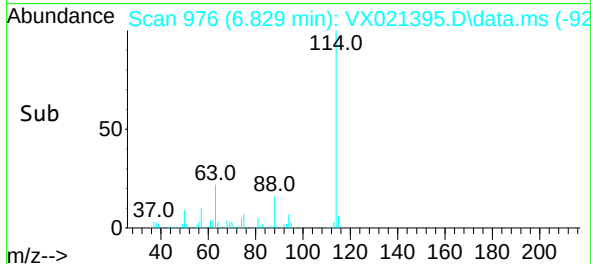


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

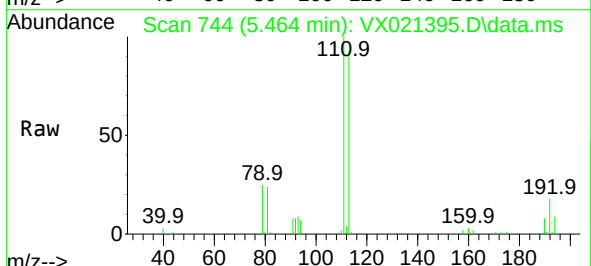
Instrument :
MSVOA_X
ClientSampled :



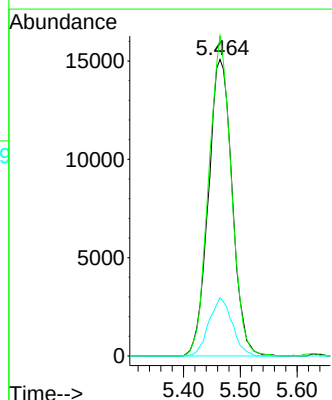
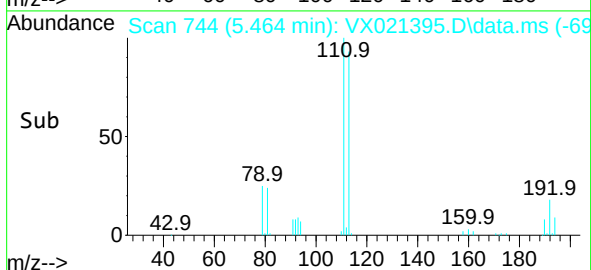
Tgt Ion:114 Resp: 127005
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 16.1 0.0 32.8

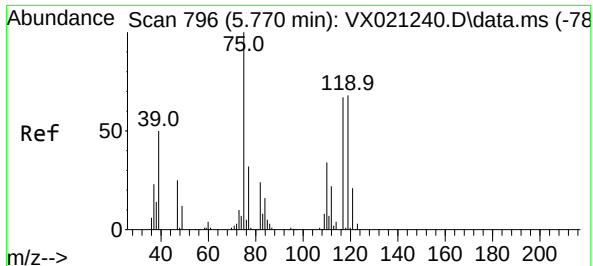


#35
Dibromofluoromethane
Concen: 50.72 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53



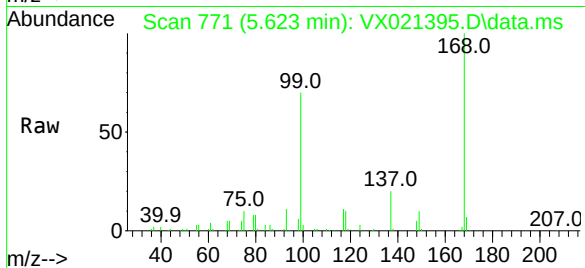
Tgt Ion:113 Resp: 43831
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.2 16.7 25.1



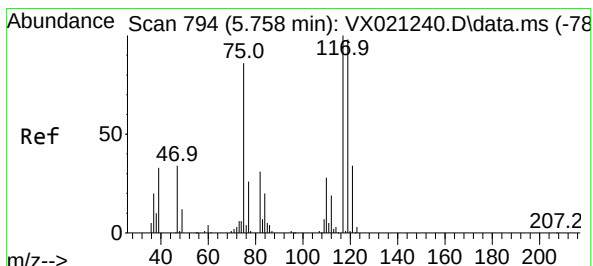
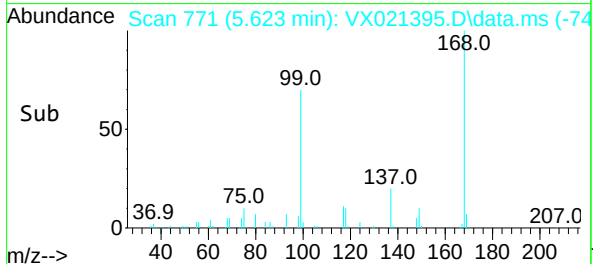
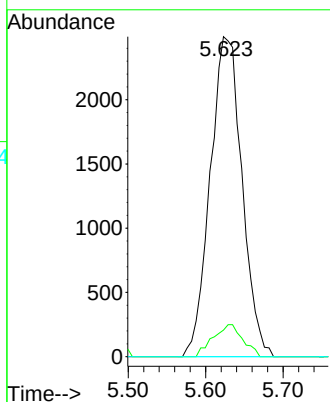


#36
1,1-Dichloropropene
Concen: 5.56 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Instrument :
MSVOA_X
ClientSampled :

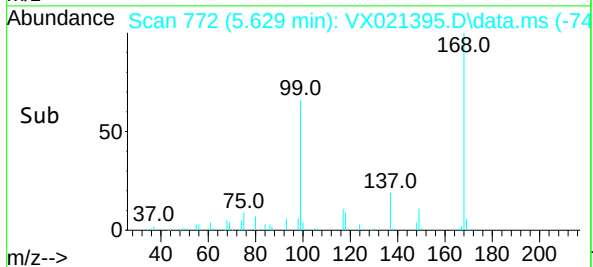
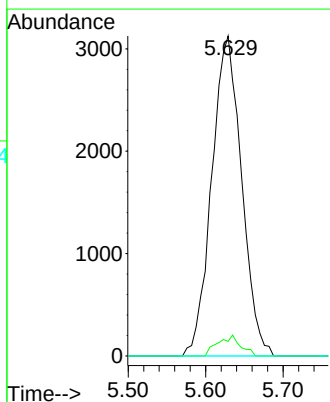
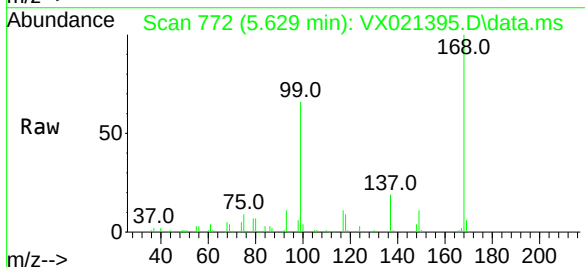


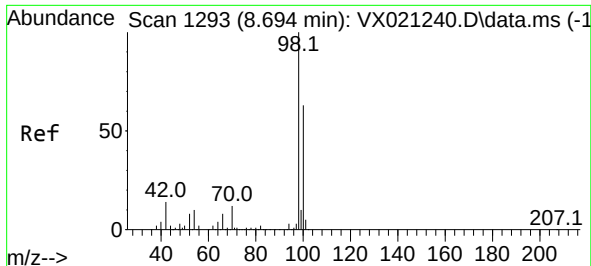
Tgt Ion: 75 Resp: 7118
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion: 117 Resp: 8383
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

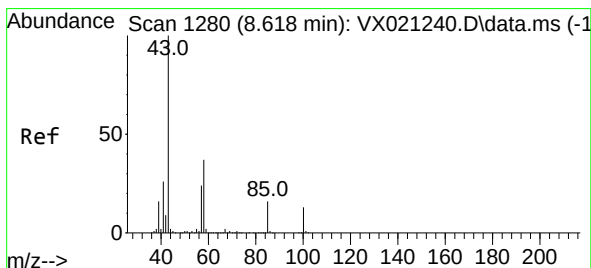
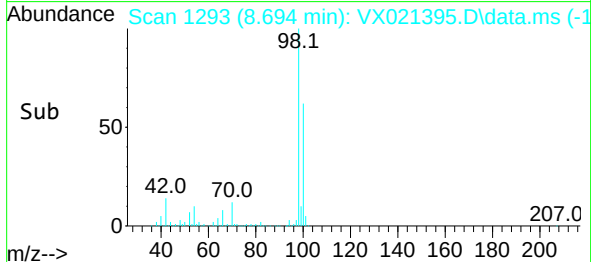
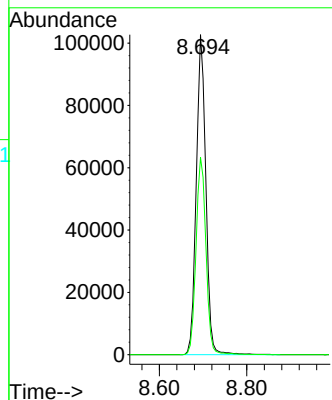
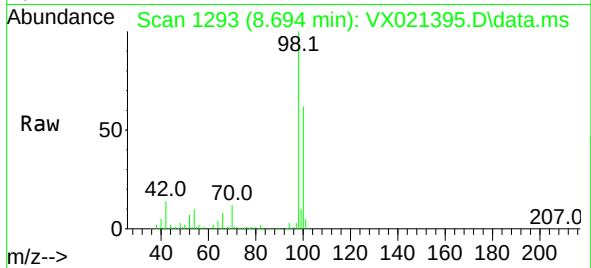




#50
Toluene-d8
Concen: 49.93 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

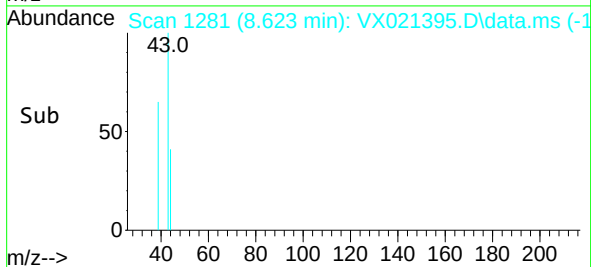
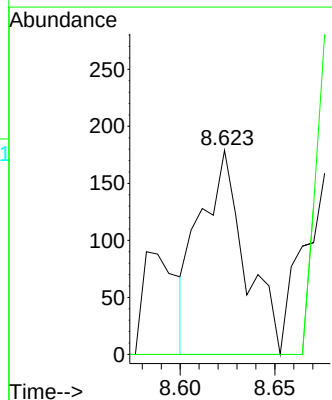
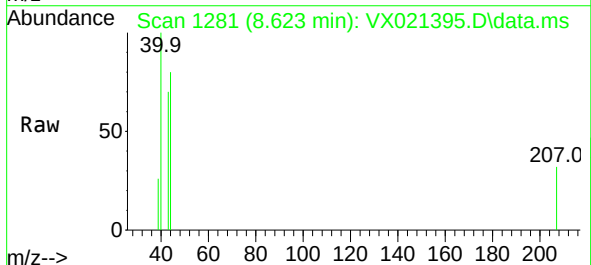
Instrument :
MSVOA_X
ClientSampled :

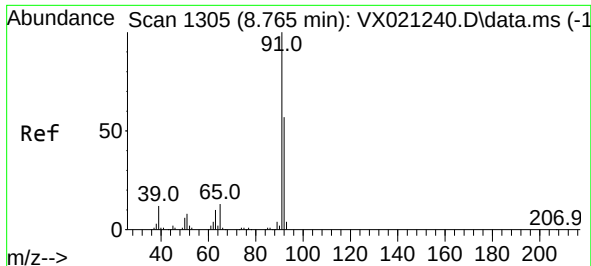
Tgt Ion: 98 Resp: 156551
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.0#

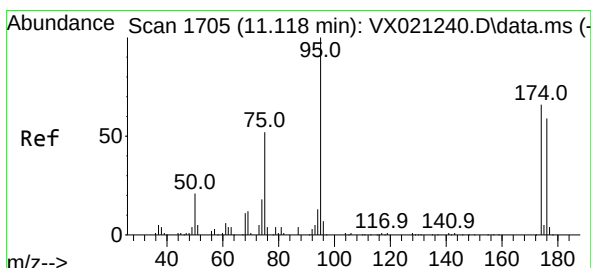
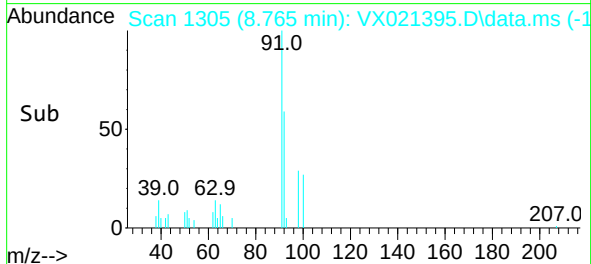
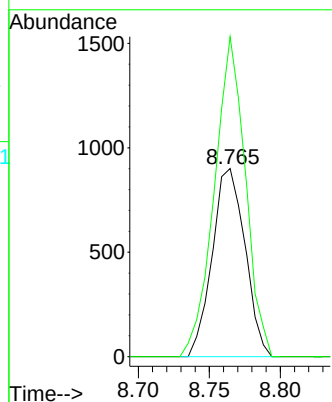
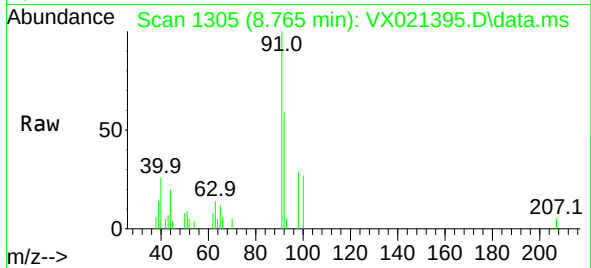




#52
Toluene
Concen: 0.66 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

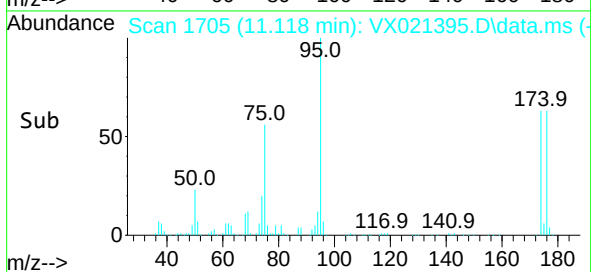
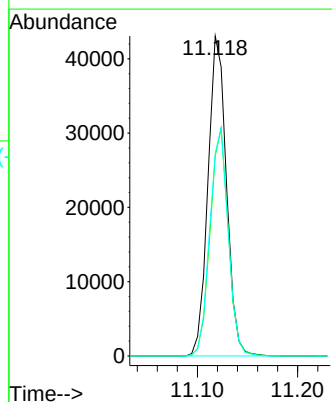
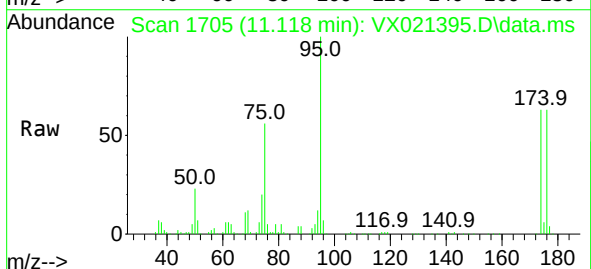
Instrument :
MSVOA_X
ClientSampled :

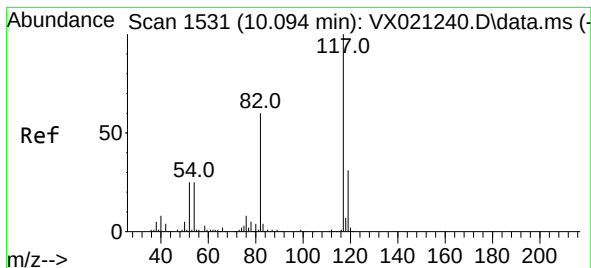
Tgt Ion: 92 Resp: 1446
Ion Ratio Lower Upper
92 100
91 160.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion: 95 Resp: 55153
Ion Ratio Lower Upper
95 100
174 69.9 0.0 154.6
176 71.0 0.0 155.8

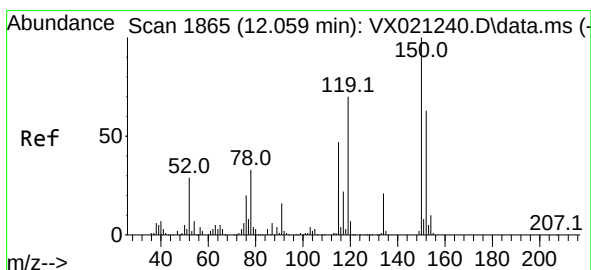
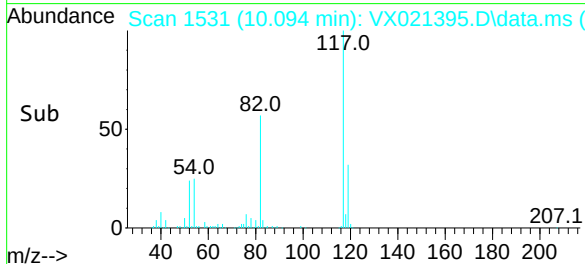
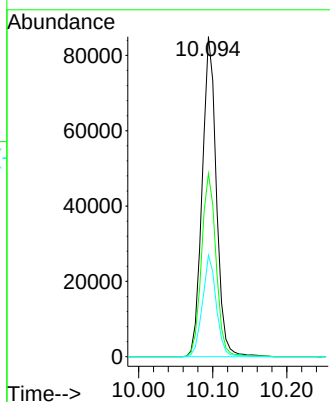
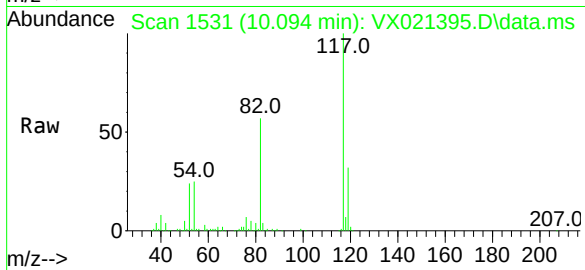




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

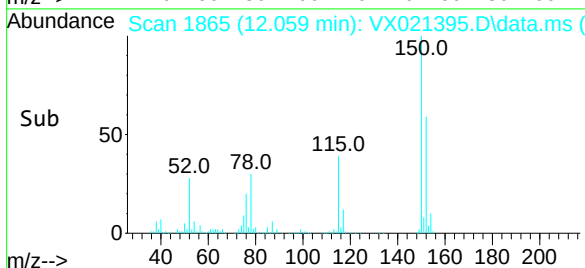
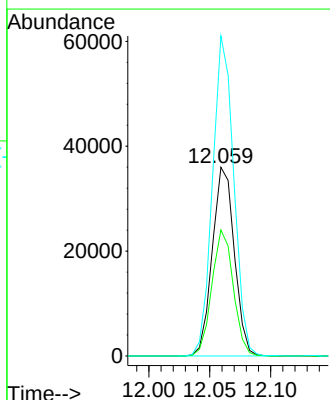
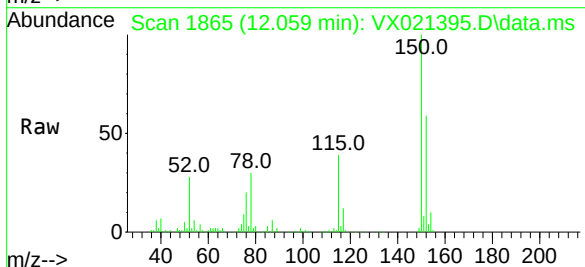
Instrument :
MSVOA_X
ClientSampled :

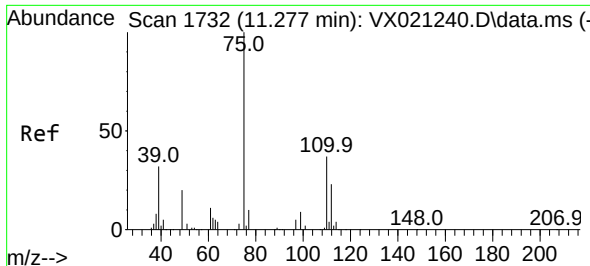
Tgt Ion:117 Resp: 113180
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion:152 Resp: 45320
Ion Ratio Lower Upper
152 100
115 64.8 41.1 123.3
150 163.3 0.0 349.0

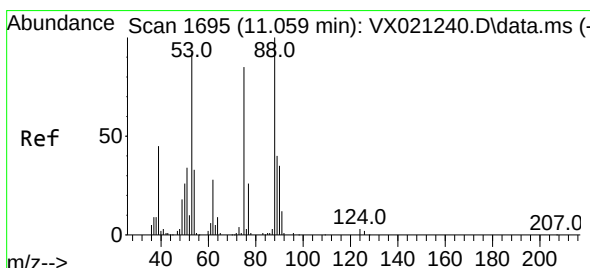
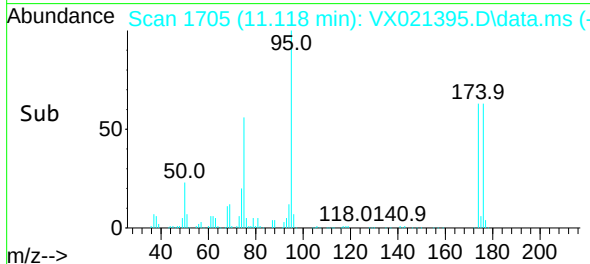
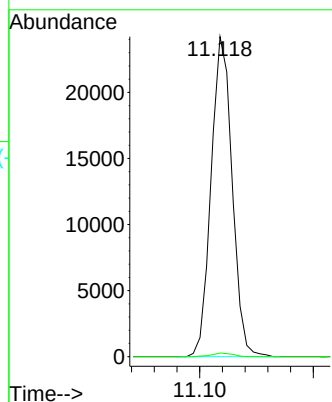
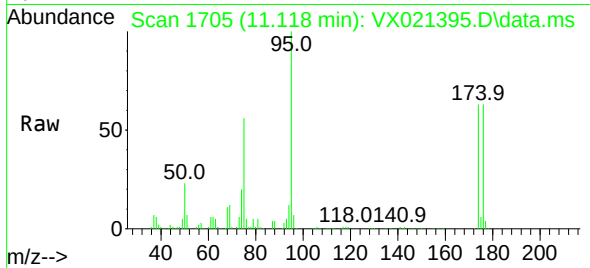




#76
1,2,3-Trichloropropane
Concen: 29.65 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 31171
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021395.D
Acq: 23 Mar 2021 18:53

Tgt Ion: 75 Resp: 31171
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

