

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021504.D
 Acq On : 25 Mar 2021 22:56
 Operator : JC/MD
 Sample : VX0325WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:20:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

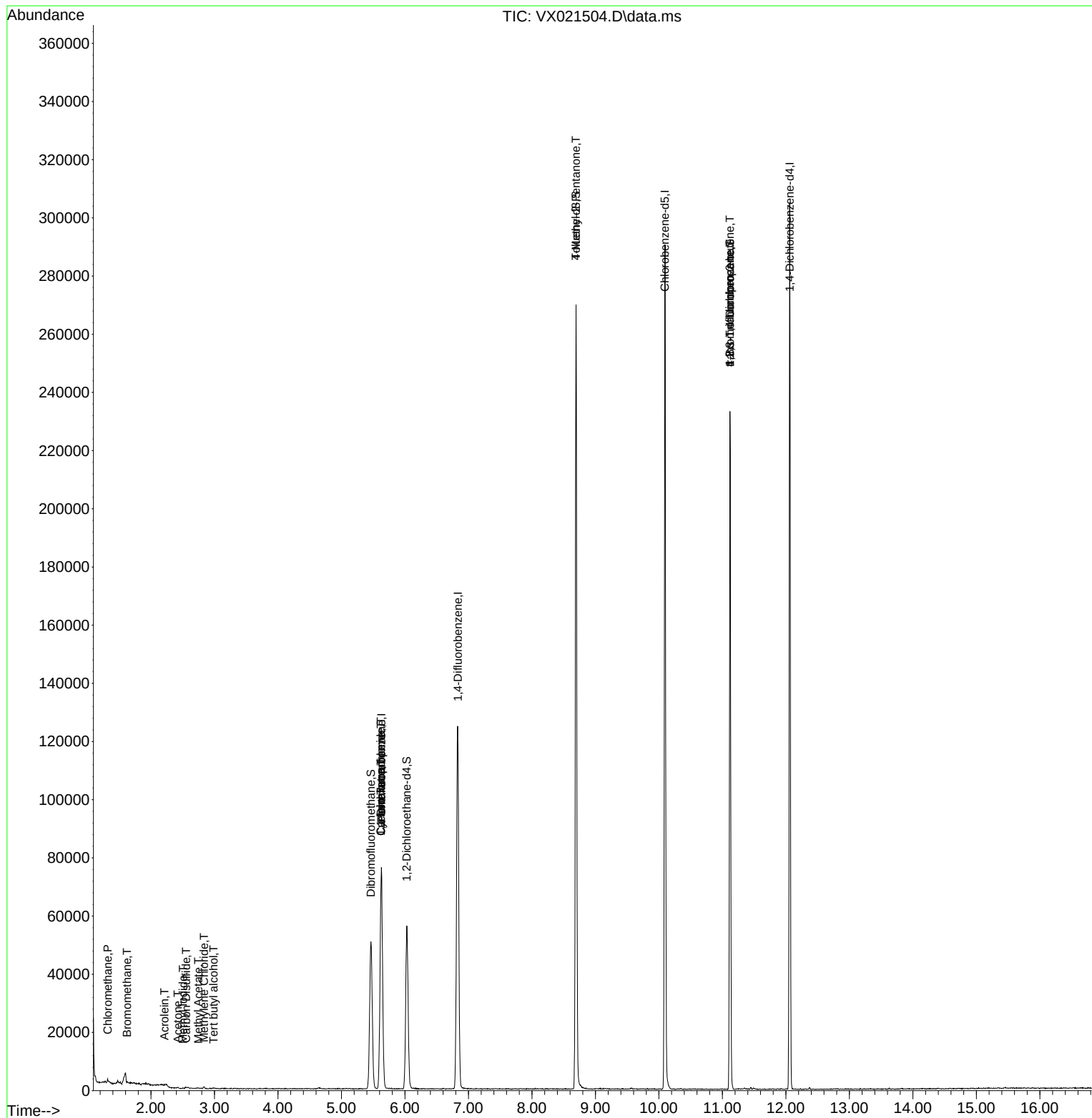
Internal Standards						
1) Pentafluorobenzene	5.629	168	63786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	117547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54986	51.81	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.62%		
35) Dibromofluoromethane	5.464	113	42112	50.44	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.88%		
50) Toluene-d8	8.694	98	150655	50.63	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.26%		
62) 4-Bromofluorobenzene	11.118	95	61287	52.98	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.96%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	2051	2.58	ug/l	90
5) Bromomethane	1.623	94	133	0.46	ug/l #	67
10) Methyl Iodide	2.505	142	87	6.79	ug/l #	42
11) Tert butyl alcohol	2.988	59	75	0.43	ug/l #	73
13) Acrolein	2.211	56	36	4.70	ug/l #	1
16) Acetone	2.423	43	477	1.19	ug/l	98
17) Carbon Disulfide	2.552	76	559	0.31	ug/l #	75
18) Methyl Acetate	2.746	43	341	0.29	ug/l #	47
20) Methylene Chloride	2.835	84	200	0.26	ug/l #	64
31) Cyclohexane	5.623	56	2010	1.72	ug/l #	42
36) 1,1-Dichloropropene	5.623	75	6079	5.28	ug/l #	49
38) Carbon Tetrachloride	5.623	117	7088	5.73	ug/l #	18
51) 4-Methyl-2-Pentanone	8.694	43	966	0.73	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	34201	27.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34201	82.83	ug/l #	12

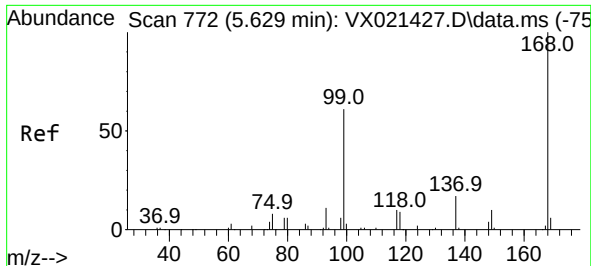
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Mar 26 03:20:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

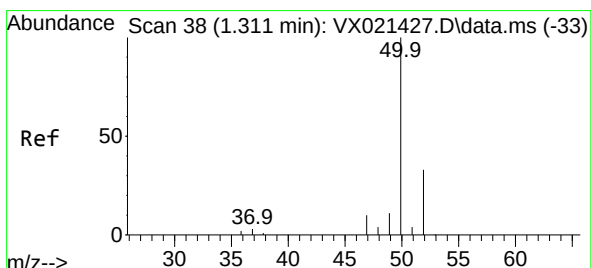
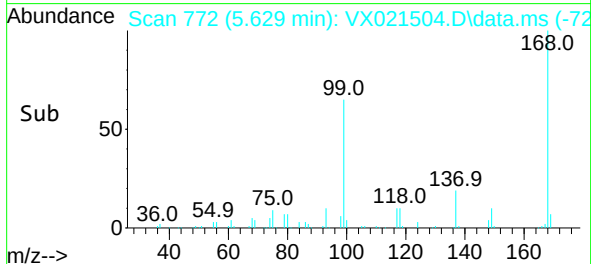
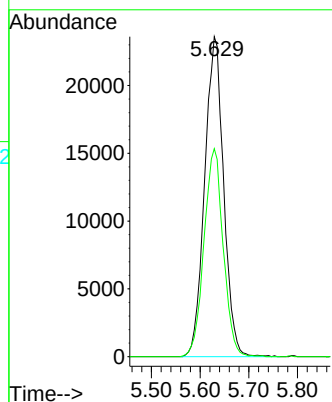
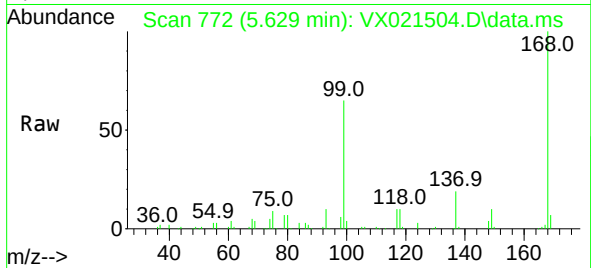




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

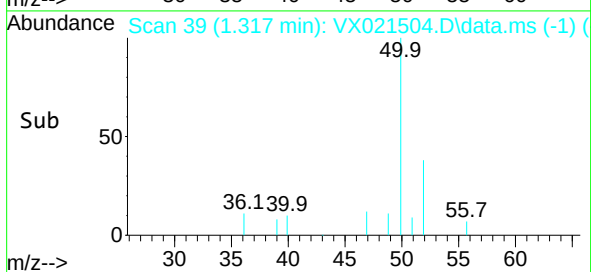
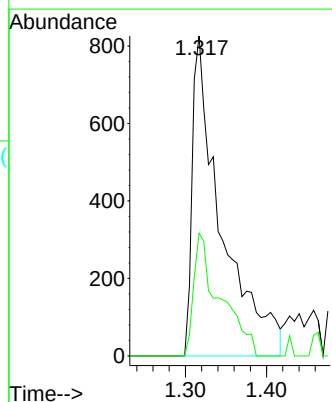
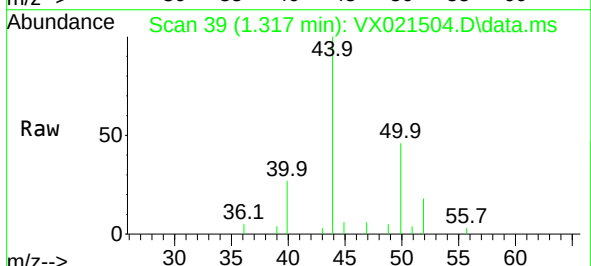
Instrument :
MSVOA_X
ClientSampled :

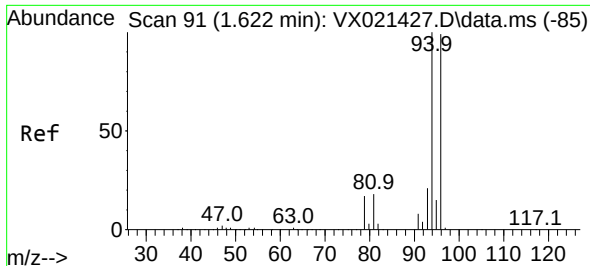
Tgt Ion:168 Resp: 63786
Ion Ratio Lower Upper
168 100
99 65.0 45.8 68.6



#3
Chloromethane
Concen: 2.58 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Tgt Ion: 50 Resp: 2051
Ion Ratio Lower Upper
50 100
52 38.4 26.4 39.6

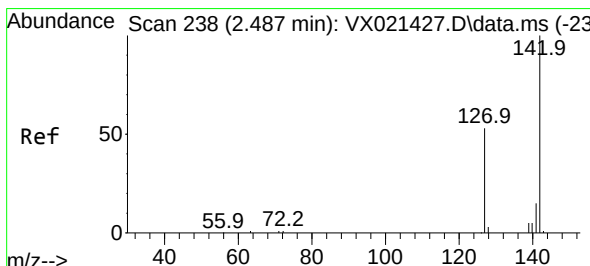
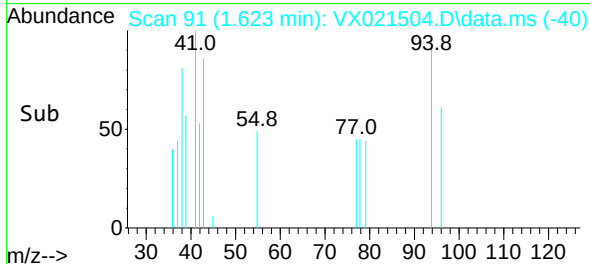
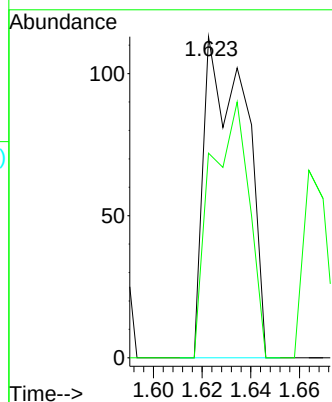
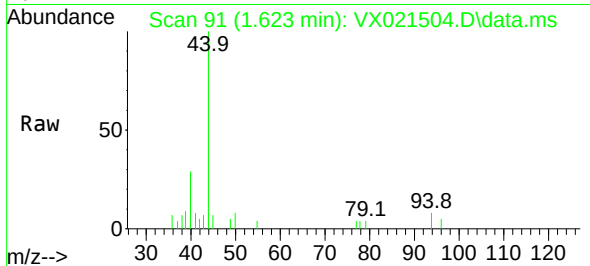




#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.623 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

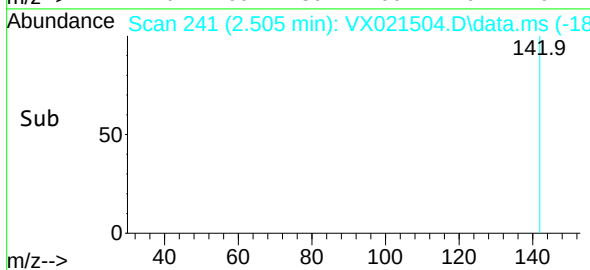
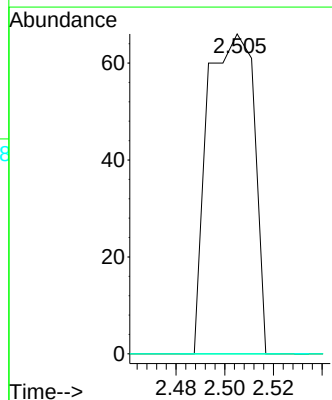
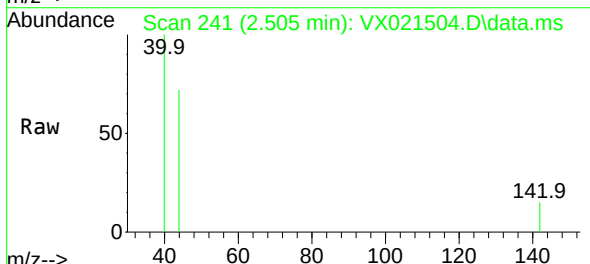
Instrument :
MSVOA_X
ClientSampled :

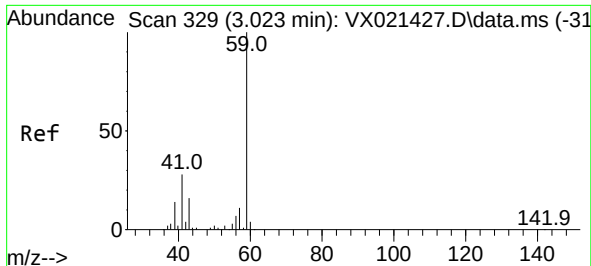
Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 63.7 76.4 114.6#



#10
Methyl Iodide
Concen: 6.79 ug/l
RT: 2.505 min Scan# 241
Delta R.T. 0.018 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Tgt Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

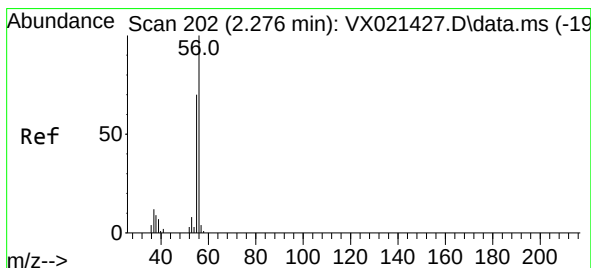
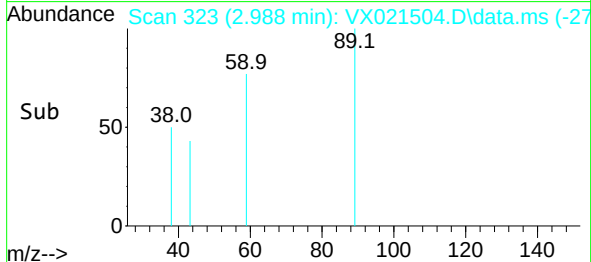
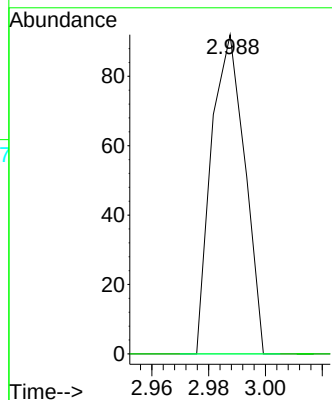
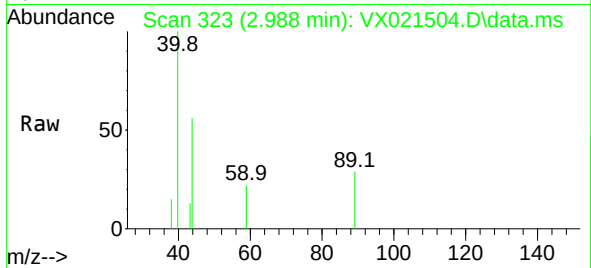




#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 2.988 min Scan# 323
Delta R.T. -0.035 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

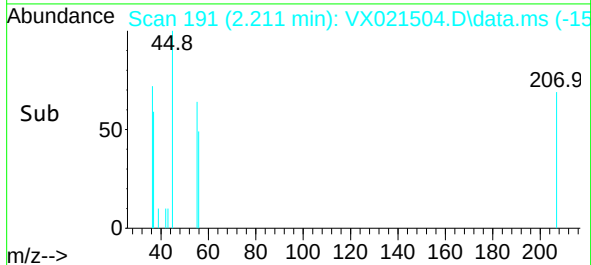
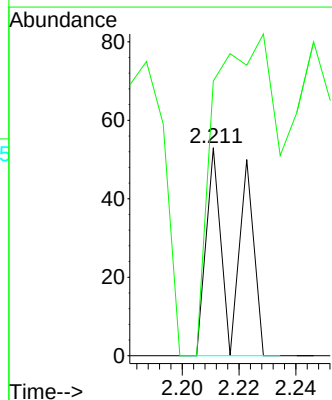
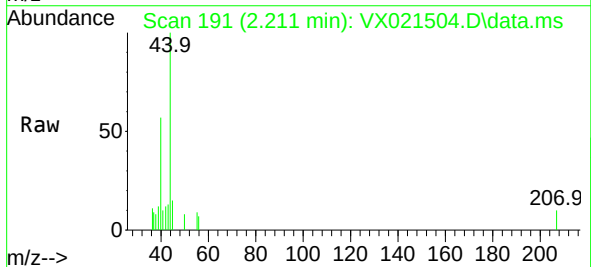
Instrument :
MSVOA_X
ClientSampled :

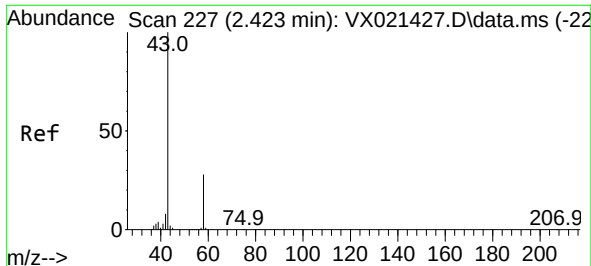
Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.70 ug/l
RT: 2.211 min Scan# 191
Delta R.T. -0.065 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

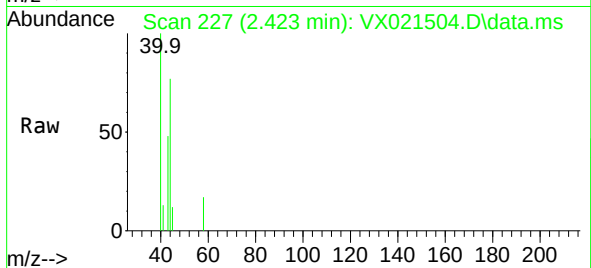
Tgt Ion: 56 Resp: 36
Ion Ratio Lower Upper
56 100
55 347.2 56.4 84.6#



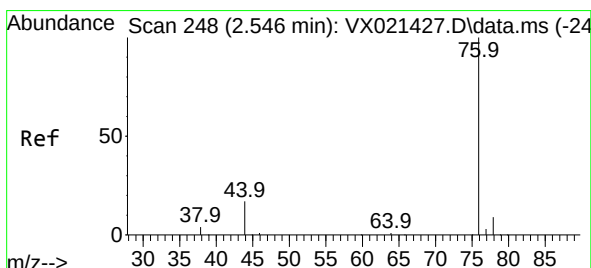
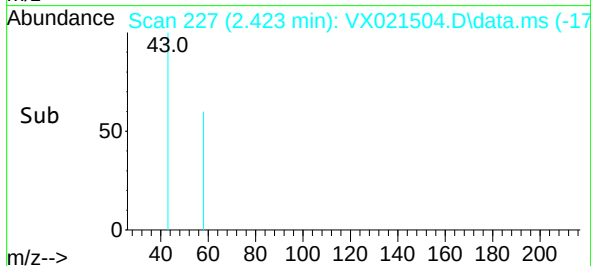
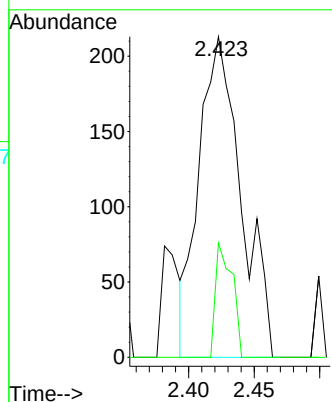


#16
Acetone
Concen: 1.19 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Instrument :
MSVOA_X
ClientSampleId :

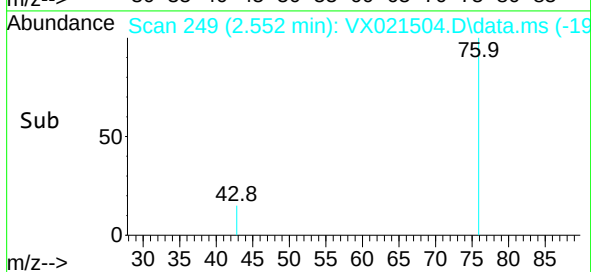
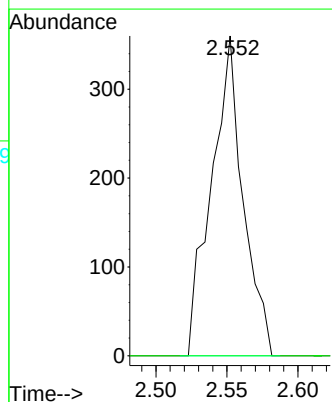
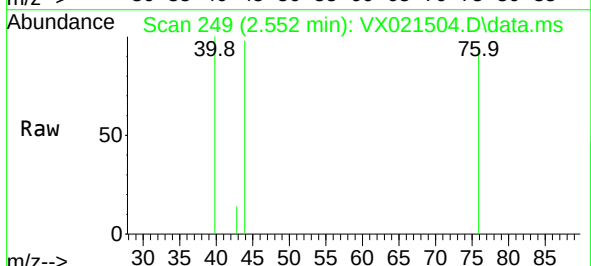


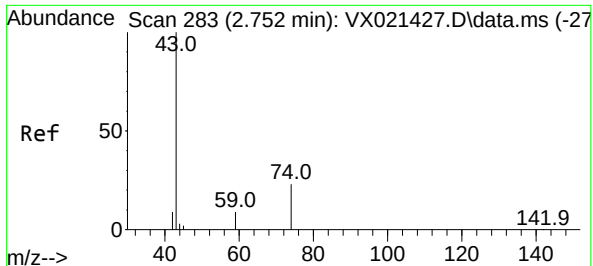
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 35.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Tgt Ion: 76 Resp: 559
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.29 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX021504.D

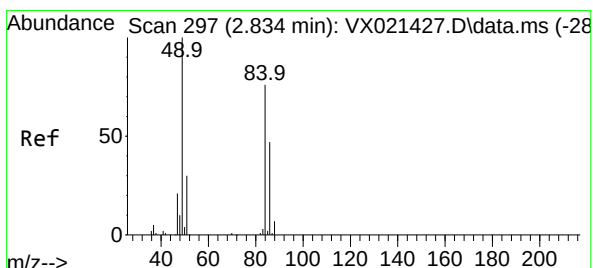
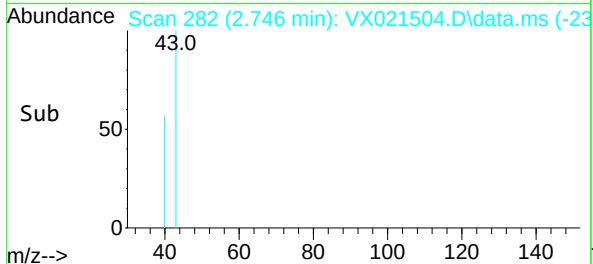
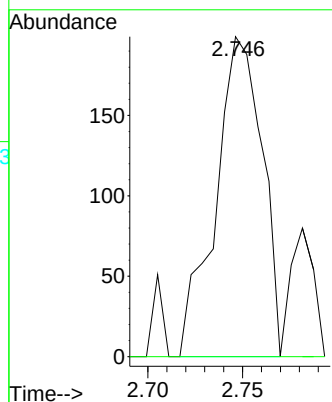
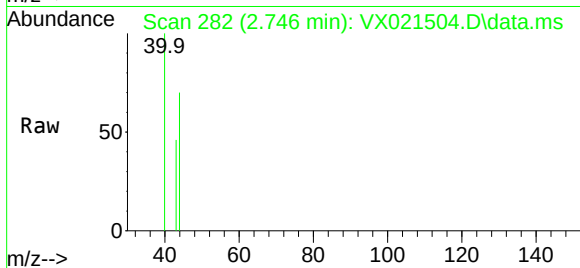
Acq: 25 Mar 2021 22:56

Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 2.835 min Scan# 297

Delta R.T. 0.001 min

Lab File: VX021504.D

Acq: 25 Mar 2021 22:56

Tgt Ion: 84 Resp: 200

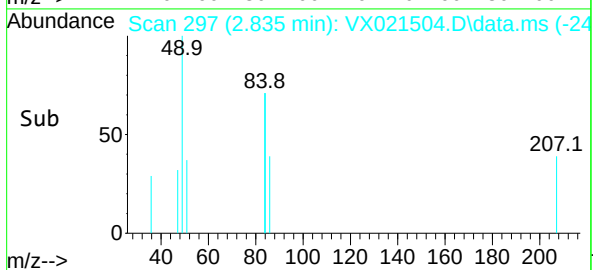
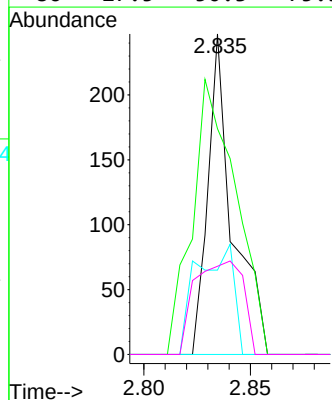
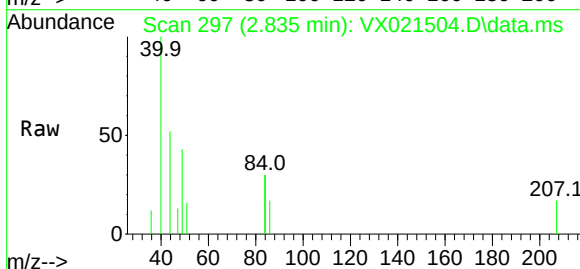
Ion Ratio Lower Upper

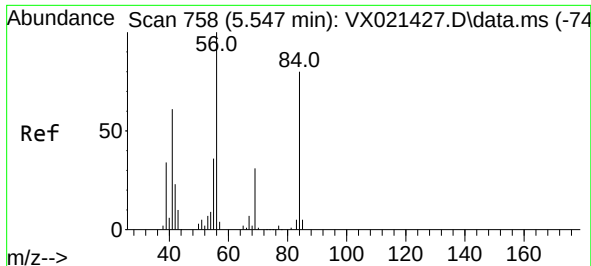
84 100

49 70.4 88.6 132.8#

51 26.3 27.0 40.6#

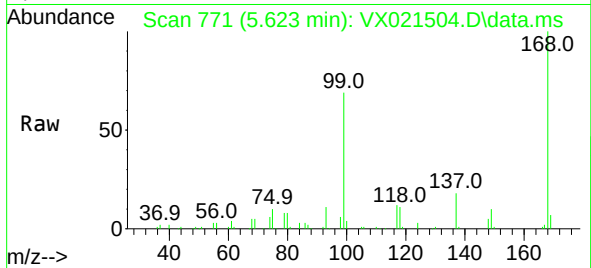
86 27.5 50.3 75.5#



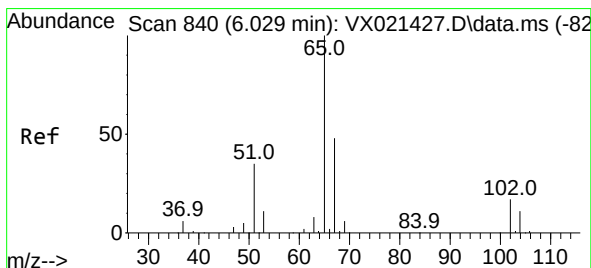
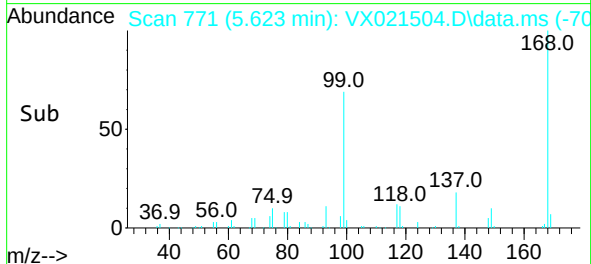
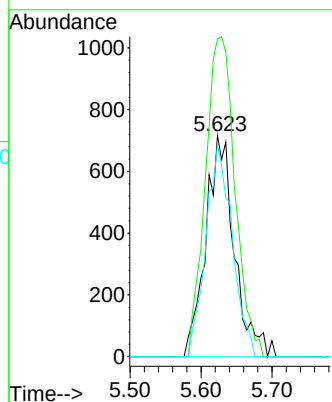


#31
Cyclohexane
Concen: 1.72 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Instrument :
MSVOA_X
ClientSampled :

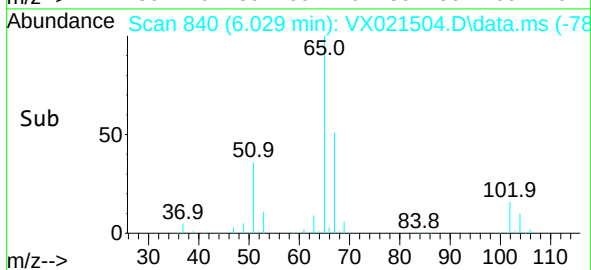
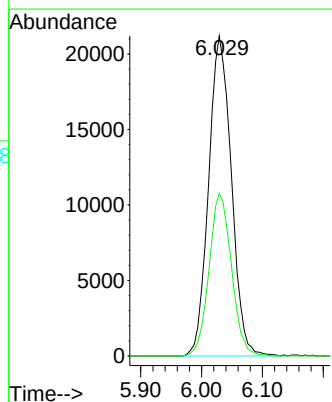
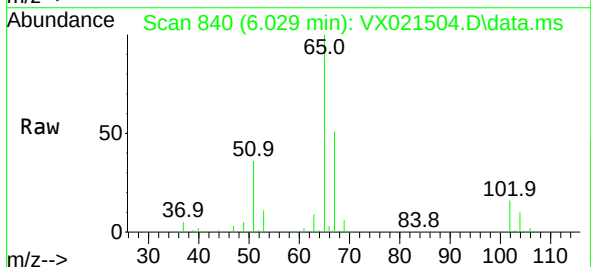


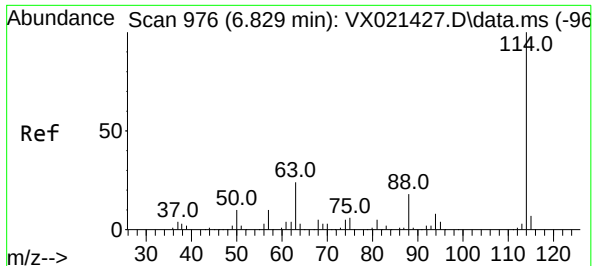
Tgt Ion: 56 Resp: 2010
Ion Ratio Lower Upper
56 100
69 143.6 25.3 37.9#
84 95.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.81 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Tgt Ion: 65 Resp: 54986
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

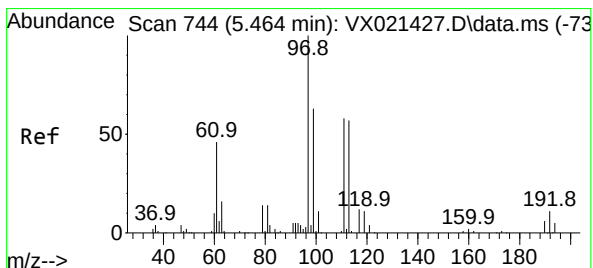
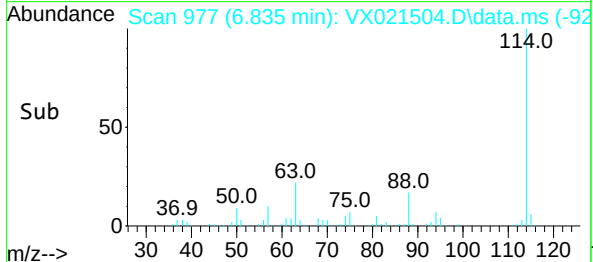
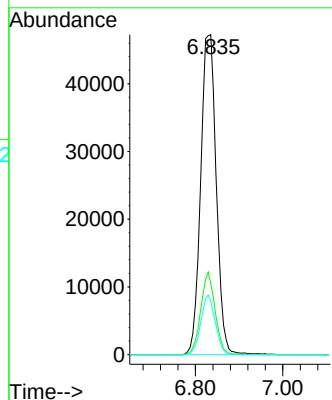
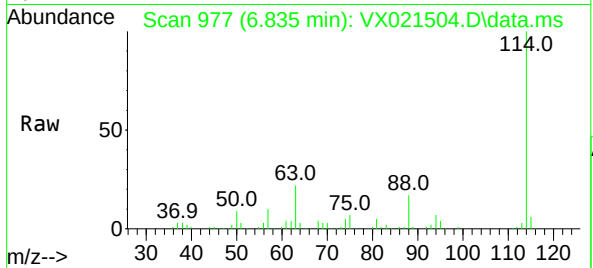




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

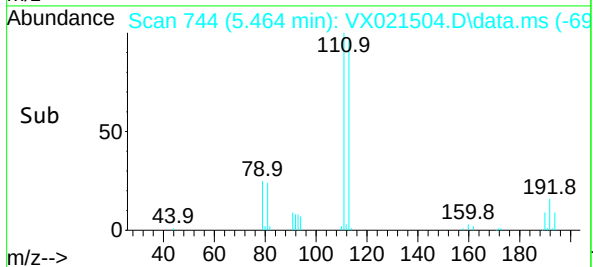
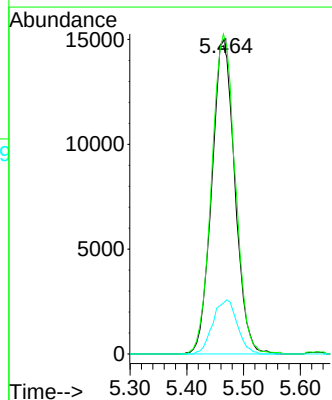
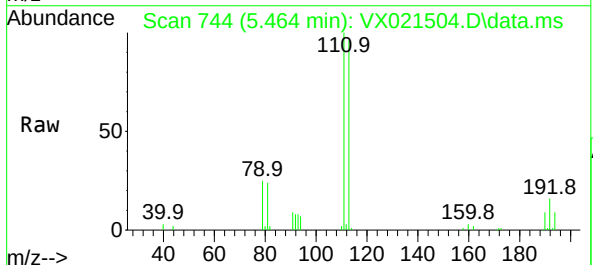
Instrument :
MSVOA_X
ClientSampled :

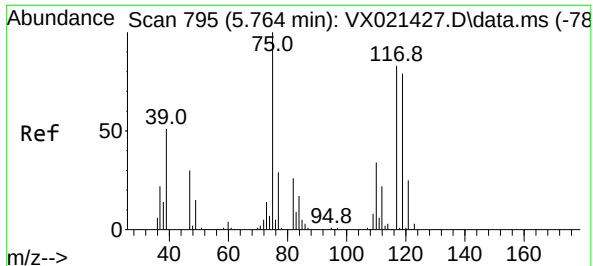
Tgt Ion:114 Resp: 117547
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.44 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Tgt Ion:113 Resp: 42112
Ion Ratio Lower Upper
113 100
111 104.9 81.9 122.9
192 18.2 16.7 25.1

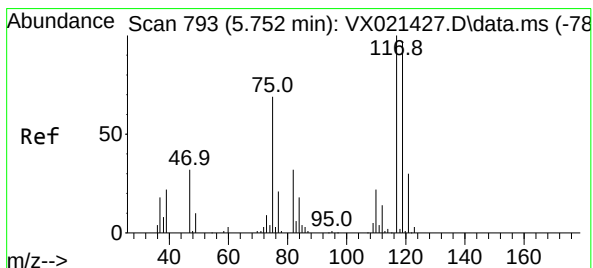
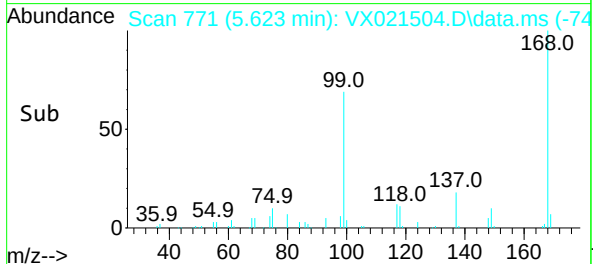
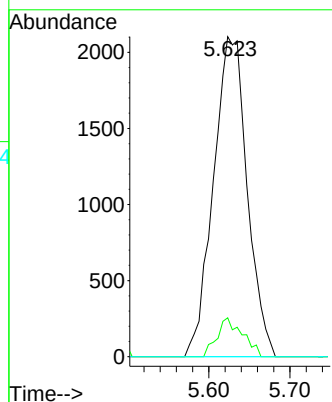
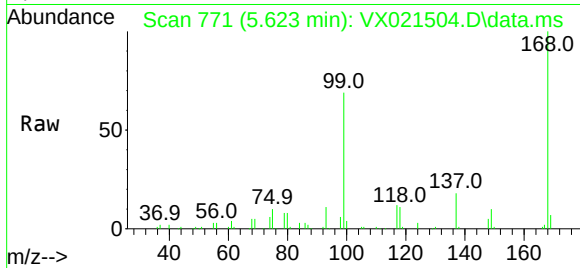




#36
1,1-Dichloropropene
Concen: 5.28 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

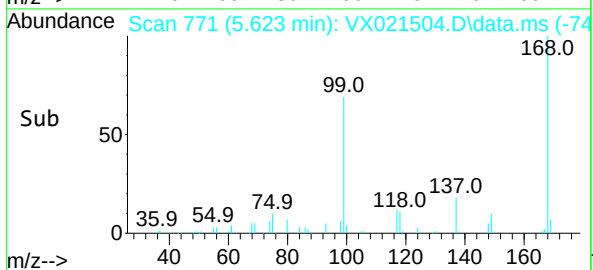
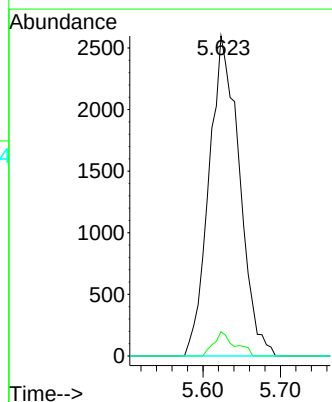
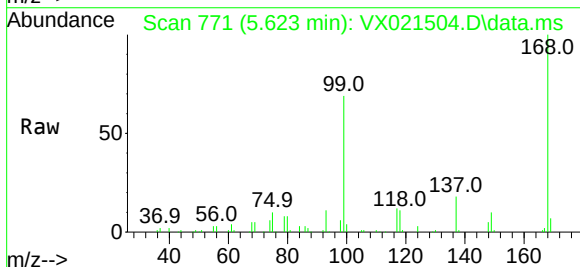
Instrument :
MSVOA_X
ClientSampleId :

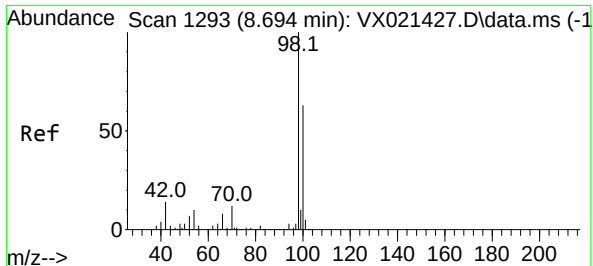
Tgt Ion: 75 Resp: 6079
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Tgt Ion: 117 Resp: 7088
Ion Ratio Lower Upper
117 100
119 7.6 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.63 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021504.D

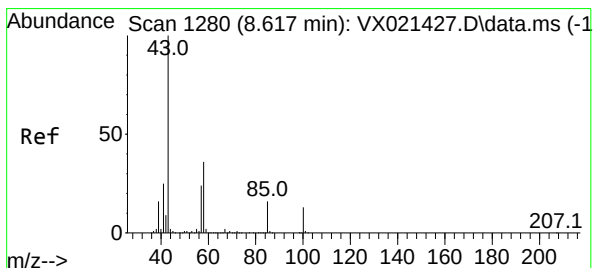
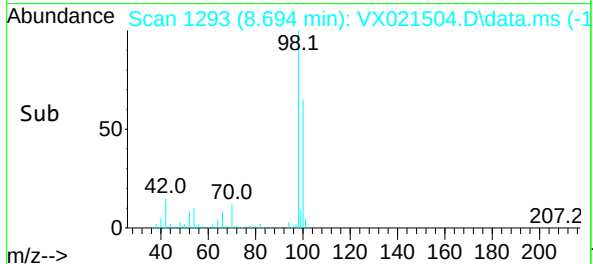
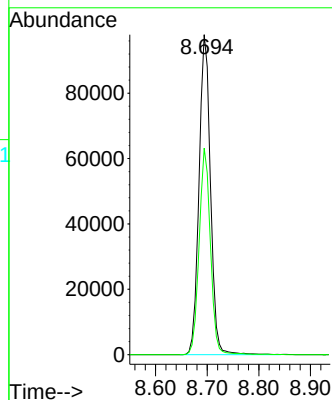
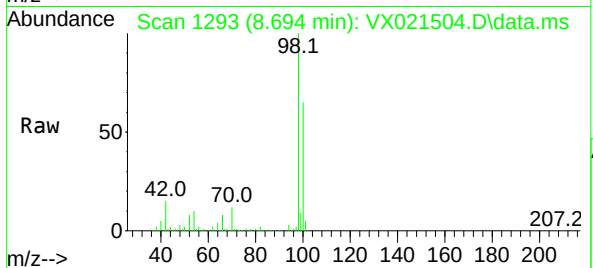
Acq: 25 Mar 2021 22:56

Tgt Ion: 98 Resp: 150655

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.73 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021504.D

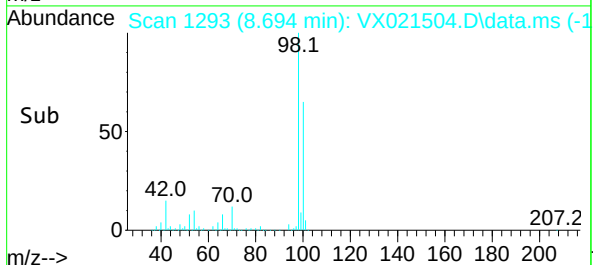
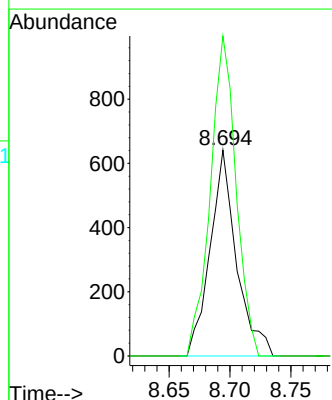
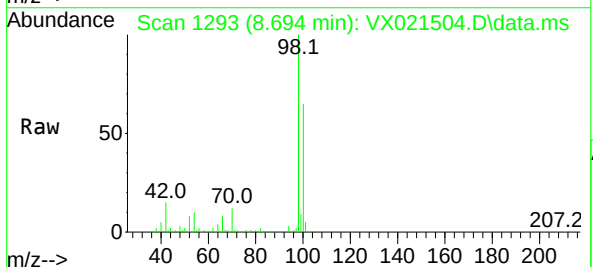
Acq: 25 Mar 2021 22:56

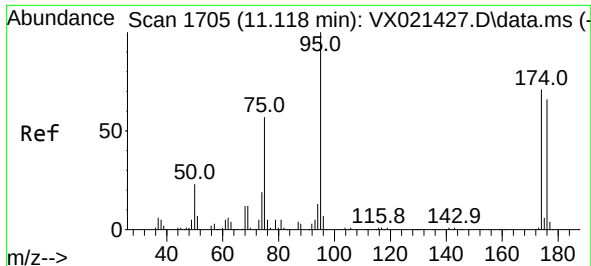
Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 151.8 35.4 53.0#

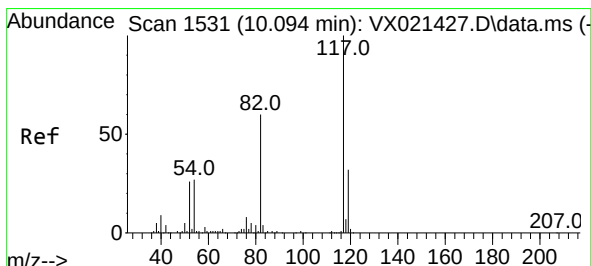
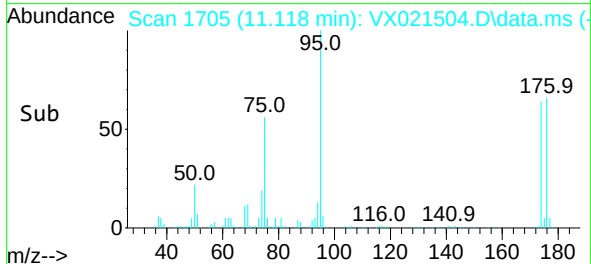
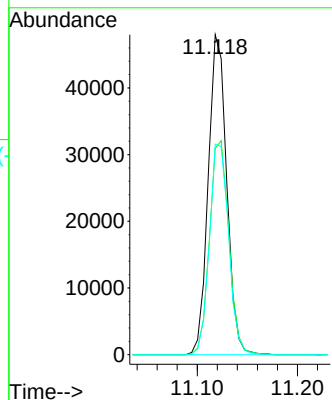
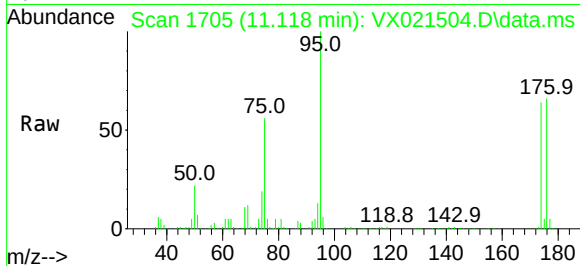




#62
4-Bromofluorobenzene
Concen: 52.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

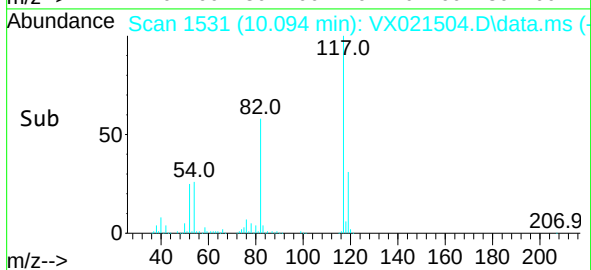
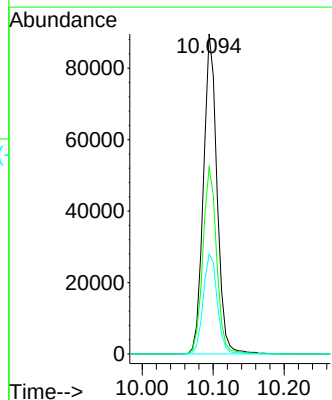
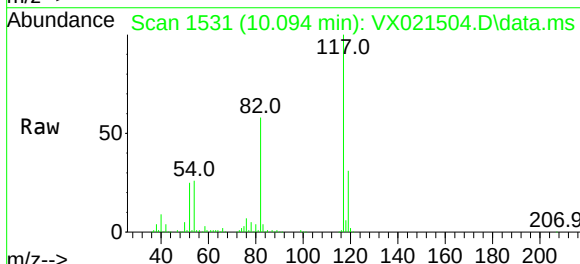
Instrument :
MSVOA_X
ClientSampleId :

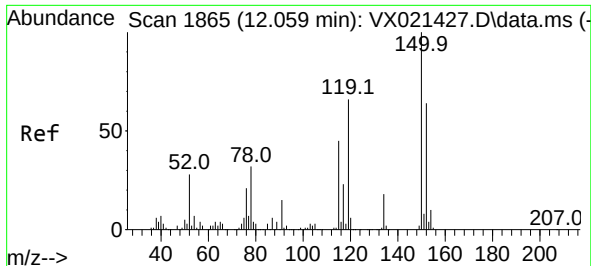
Tgt Ion: 95 Resp: 61287
Ion Ratio Lower Upper
95 100
174 70.1 0.0 154.6
176 68.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

Tgt Ion: 117 Resp: 119483
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.2 26.6 39.8

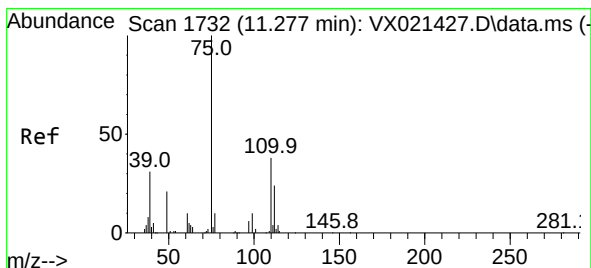
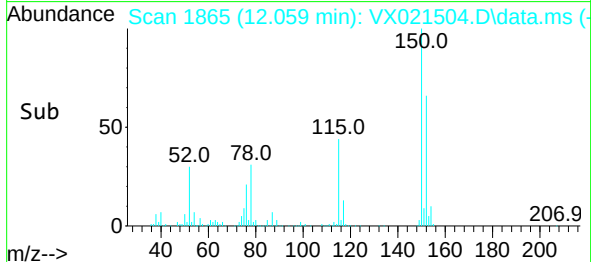
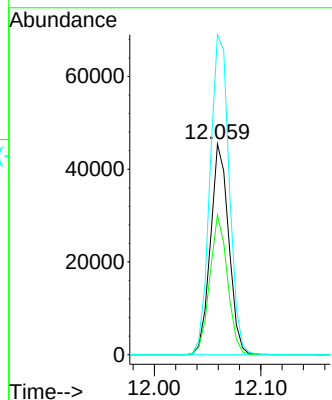
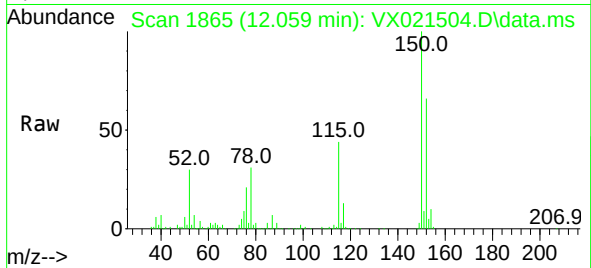




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

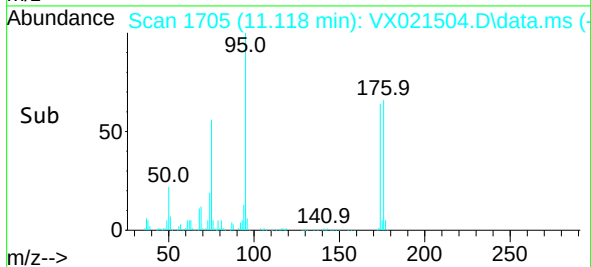
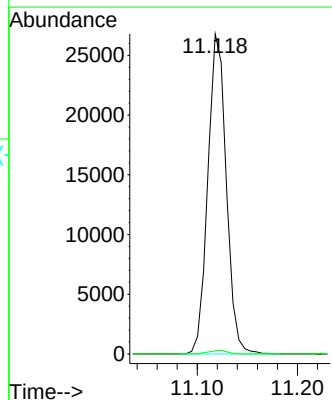
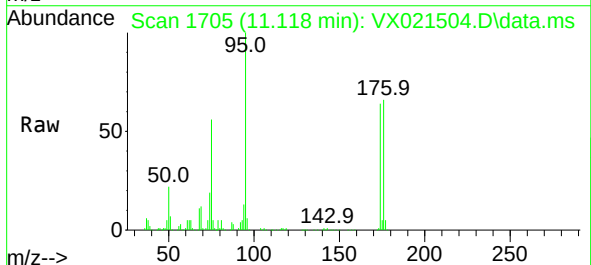
Instrument :
MSVOA_X
ClientSampled :

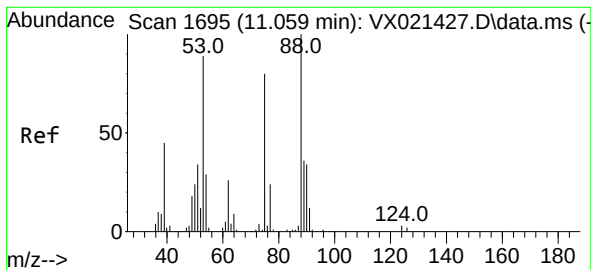
Tgt Ion:152 Resp: 54028
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 159.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.19 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021504.D
Acq: 25 Mar 2021 22:56

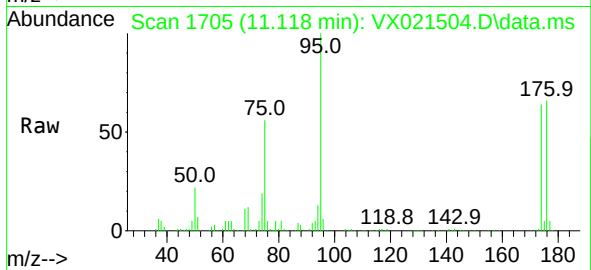
Tgt Ion: 75 Resp: 34201
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.83 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021504.D
 Acq: 25 Mar 2021 22:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 34201
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

