

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021460.D
 Acq On : 25 Mar 2021 01:48
 Operator : JC/MD
 Sample : M1770-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 25 06:54:18 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)

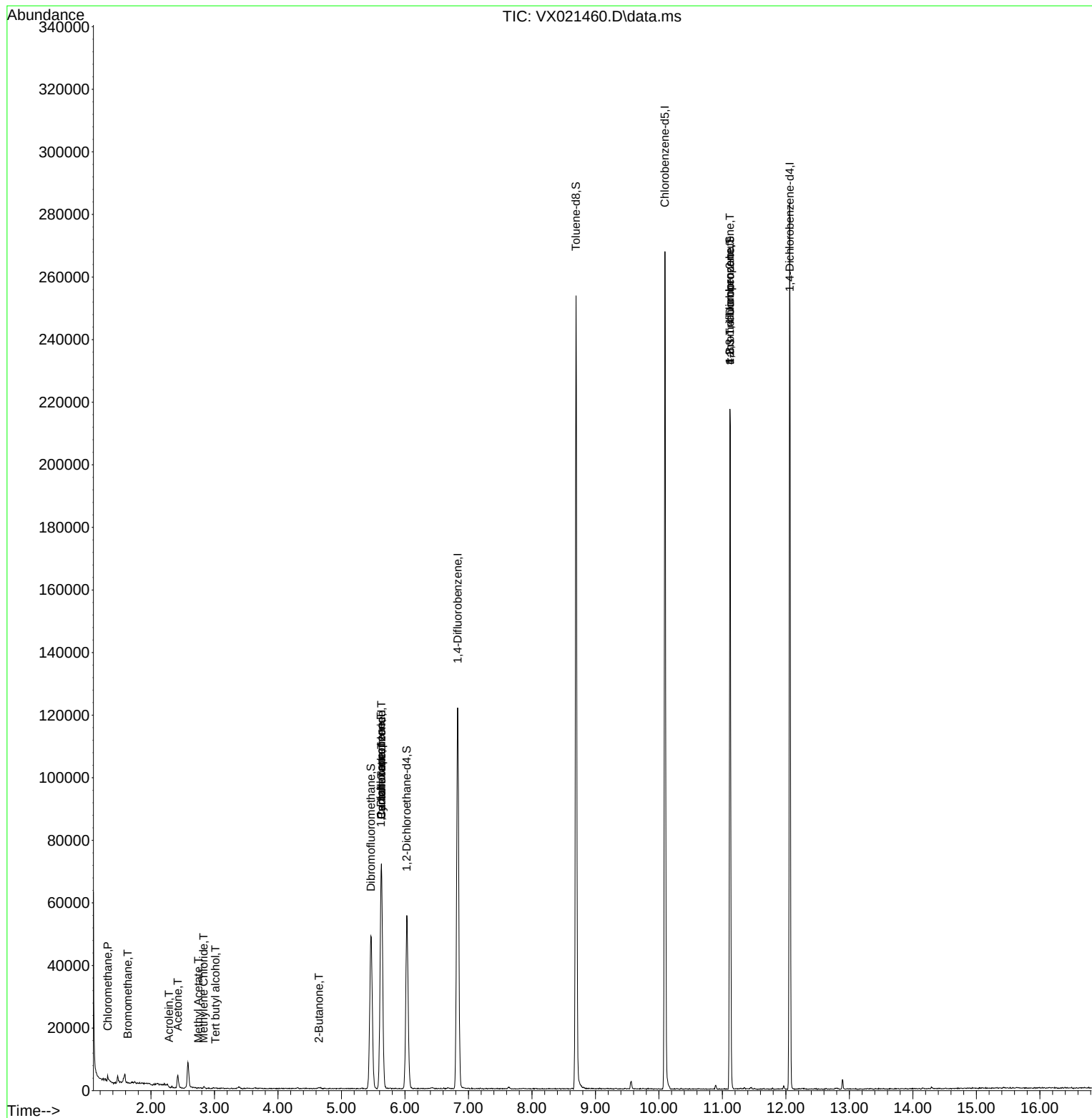
Internal Standards						
1) Pentafluorobenzene	5.629	168	61137	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	111453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53192	52.29	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.58%	
35) Dibromofluoromethane	5.464	113	39867	50.36	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.72%	
50) Toluene-d8	8.694	98	140783	49.90	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.80%	
62) 4-Bromofluorobenzene	11.118	95	56486	51.50	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.00%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1813	2.39	ug/l	97
5) Bromomethane	1.634	94	85	0.31	ug/l	95
11) Tert butyl alcohol	3.017	59	90	0.54	ug/l #	73
13) Acrolein	2.281	56	121	5.70	ug/l #	62
16) Acetone	2.423	43	4443	11.55	ug/l	93
18) Methyl Acetate	2.746	43	460	0.41	ug/l #	47
20) Methylene Chloride	2.829	84	221	0.29	ug/l #	68
25) 2-Butanone	4.646	43	463	0.79	ug/l #	45
31) Cyclohexane	5.629	56	1880	1.68	ug/l #	43
36) 1,1-Dichloropropene	5.623	75	5658	5.18	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6999	5.96	ug/l #	18
76) 1,2,3-Trichloropropane	11.118	75	32936	28.31	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32936	86.22	ug/l #	12

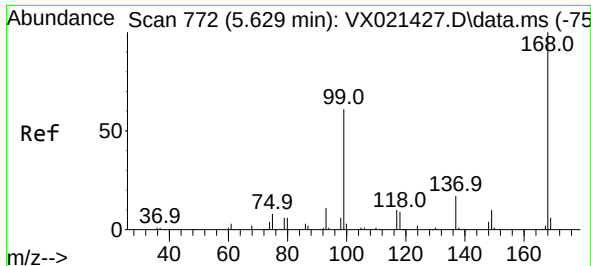
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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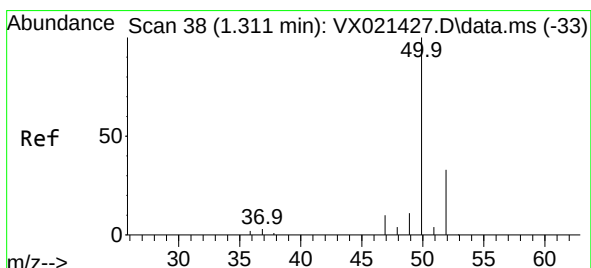
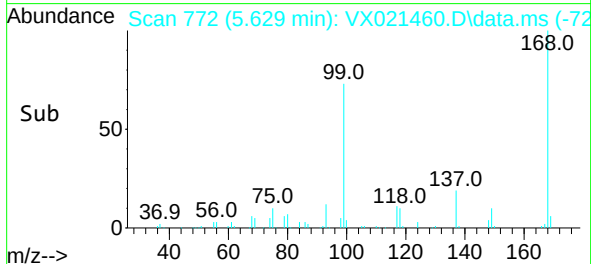
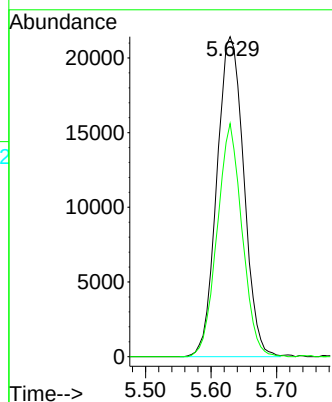
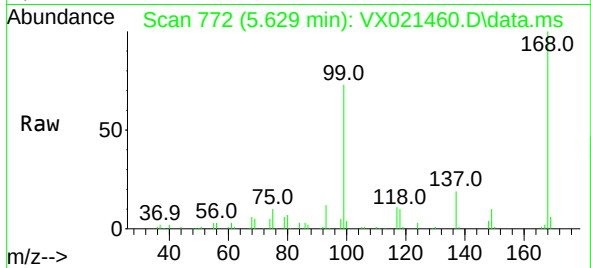




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

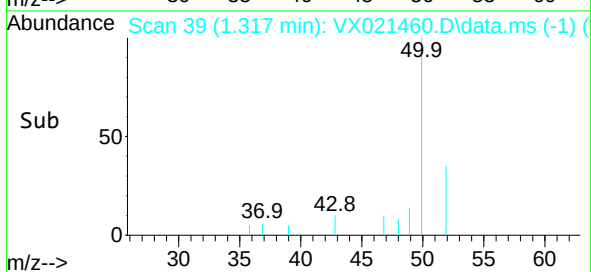
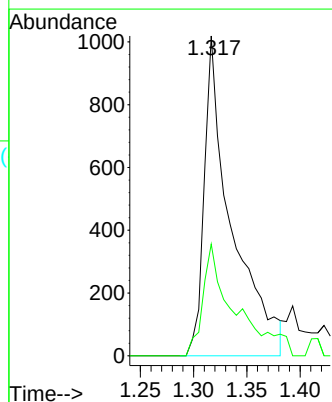
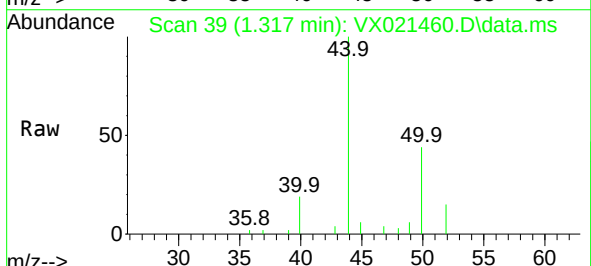
Instrument :
MSVOA_X
ClientSampled :

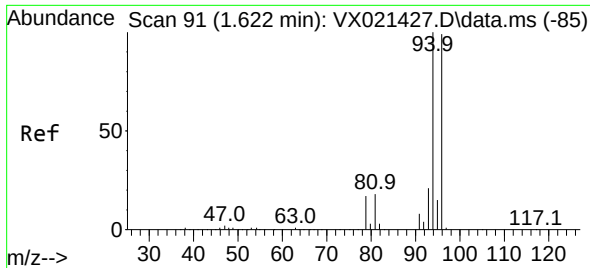
Tgt Ion:168 Resp: 61137
Ion Ratio Lower Upper
168 100
99 72.8 45.8 68.6#



#3
Chloromethane
Concen: 2.39 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

Tgt Ion: 50 Resp: 1813
Ion Ratio Lower Upper
50 100
52 34.9 26.4 39.6

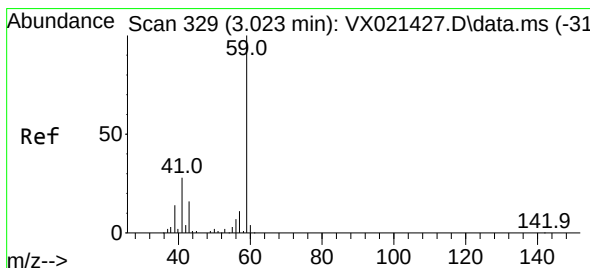
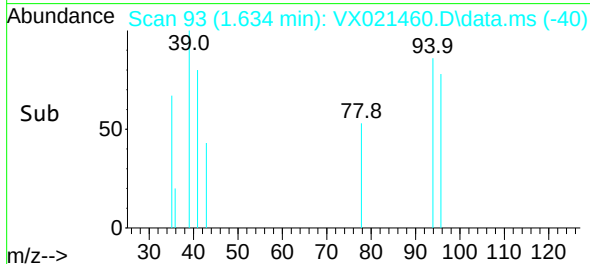
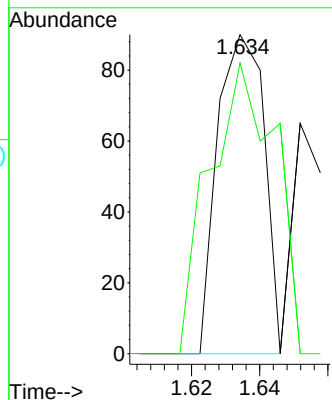
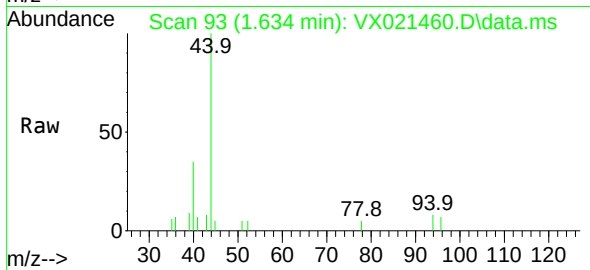




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

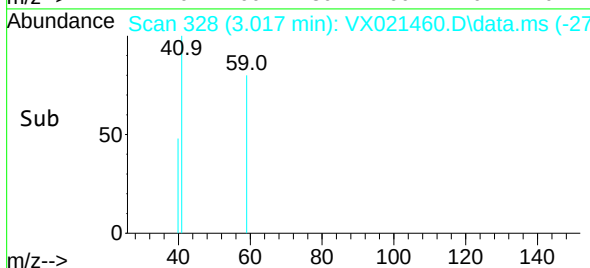
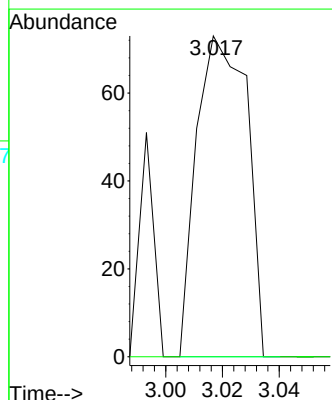
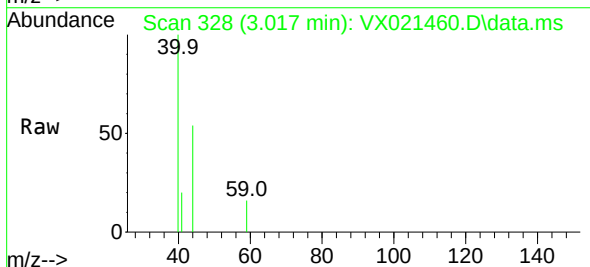
Instrument :
MSVOA_X
ClientSampled :

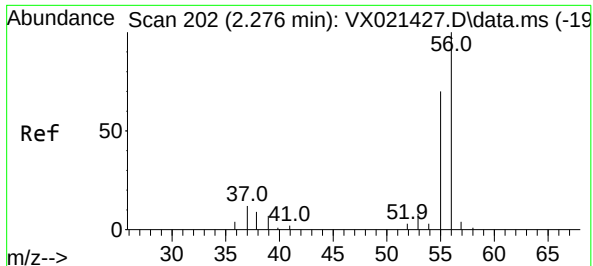
Tgt Ion: 94 Resp: 85
Ion Ratio Lower Upper
94 100
96 91.1 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

Tgt Ion: 59 Resp: 90
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

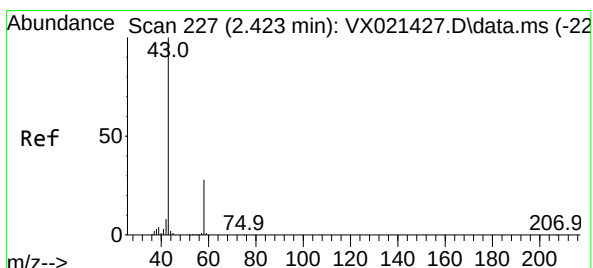
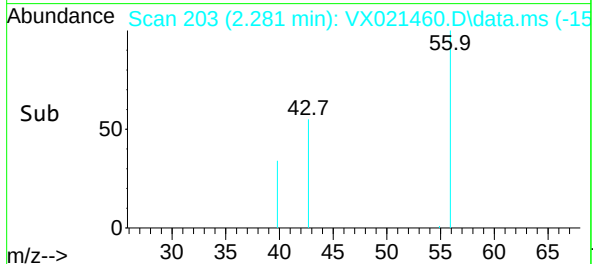
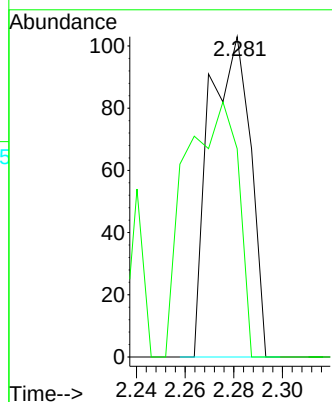
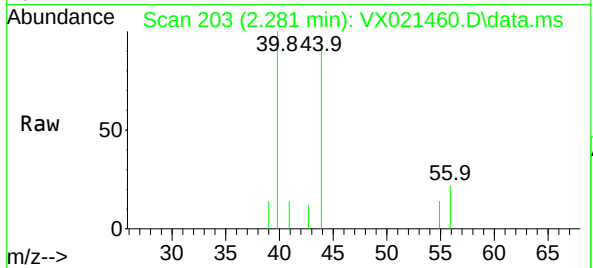




#13
Acrolein
Concen: 5.70 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

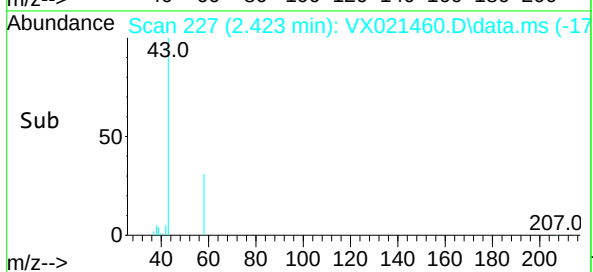
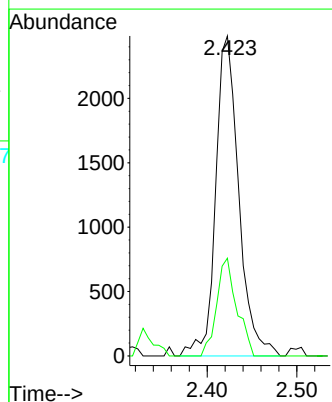
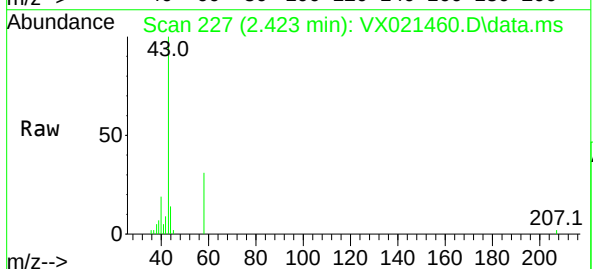
Instrument :
MSVOA_X
ClientSampled :

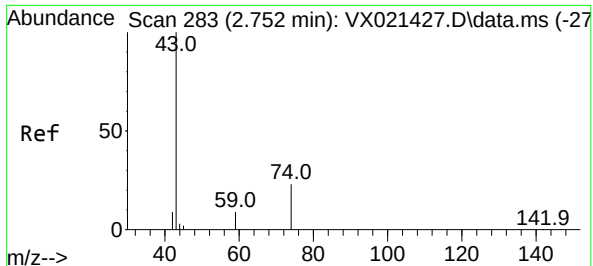
Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 101.7 56.4 84.6#



#16
Acetone
Concen: 11.55 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

Tgt Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8





#18

Methyl Acetate

Concen: 0.41 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX021460.D

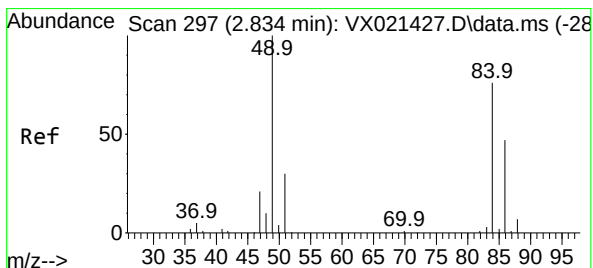
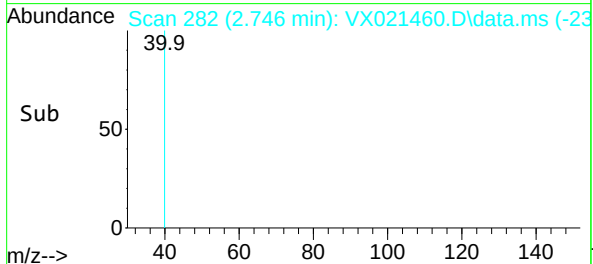
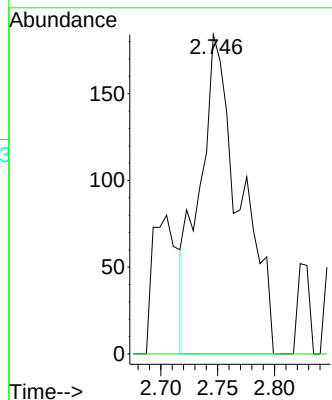
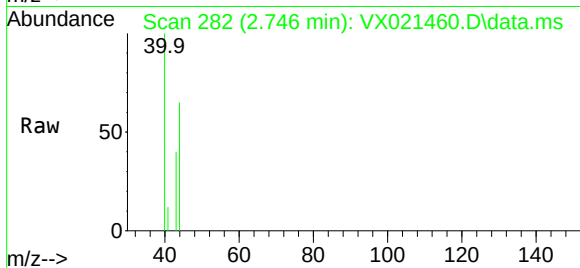
Acq: 25 Mar 2021 01:48

Tgt Ion: 43 Resp: 460

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.29 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.006 min

Lab File: VX021460.D

Acq: 25 Mar 2021 01:48

Tgt Ion: 84 Resp: 221

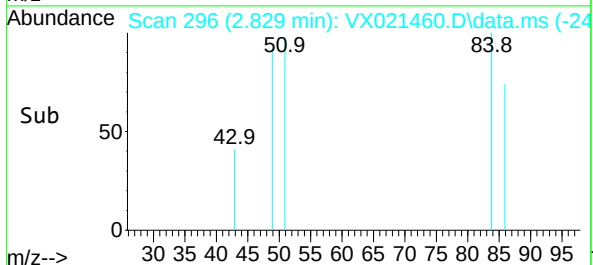
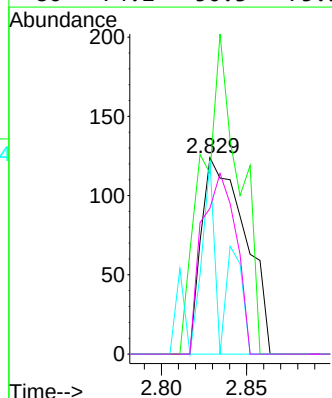
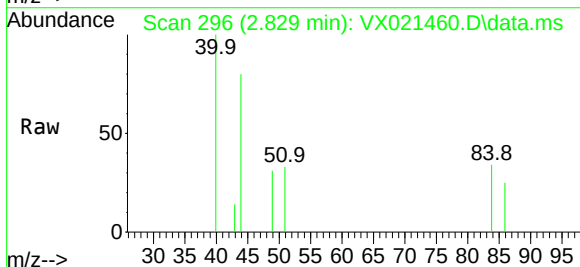
Ion Ratio Lower Upper

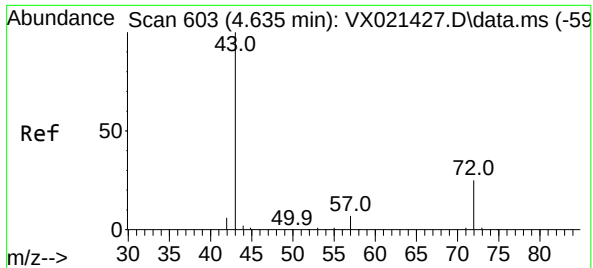
84 100

49 91.9 88.6 132.8

51 98.4 27.0 40.6#

86 74.2 50.3 75.5

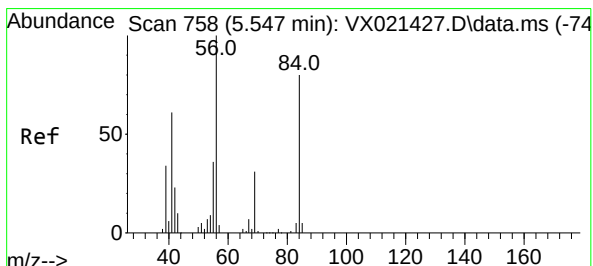
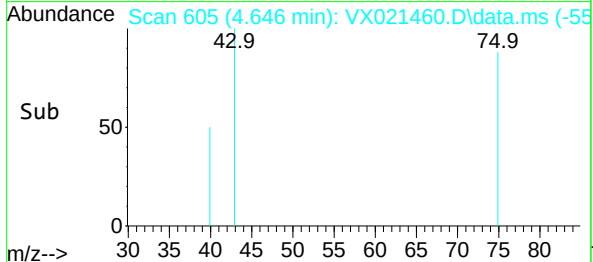
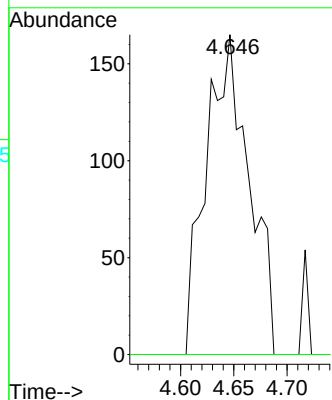
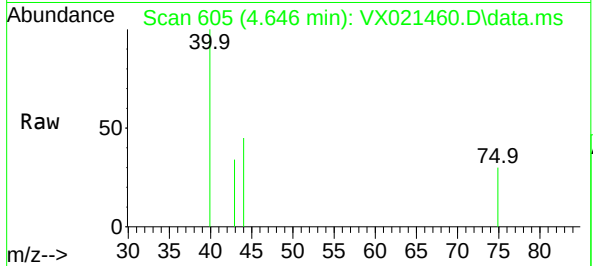




#25
2-Butanone
Concen: 0.79 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

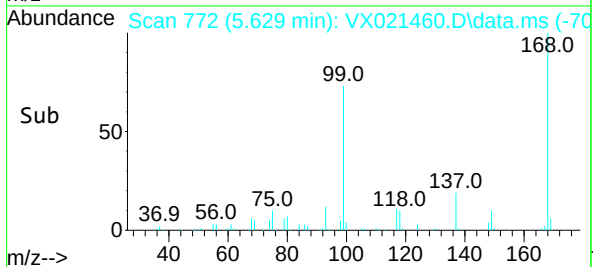
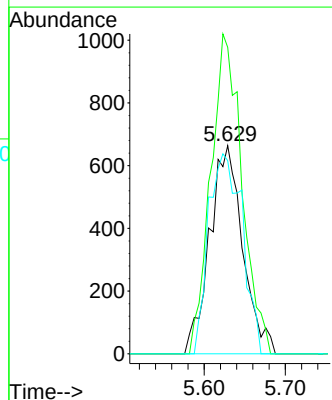
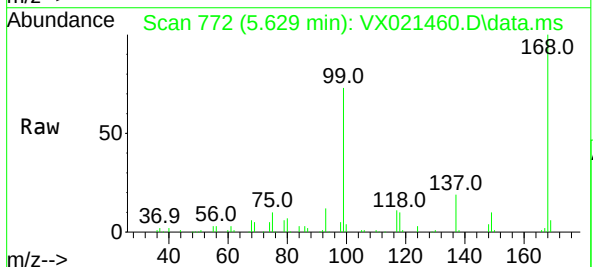
Instrument :
MSVOA_X
ClientSampled :

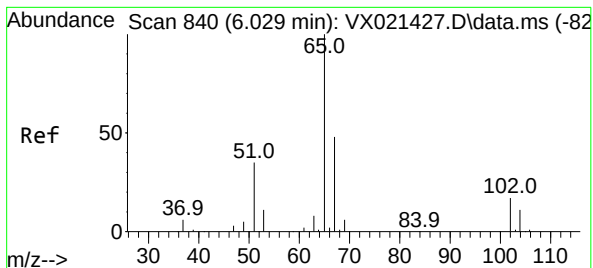
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.68 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

Tgt Ion: 56 Resp: 1880
Ion Ratio Lower Upper
56 100
69 147.1 25.3 37.9#
84 92.8 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.29 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021460.D

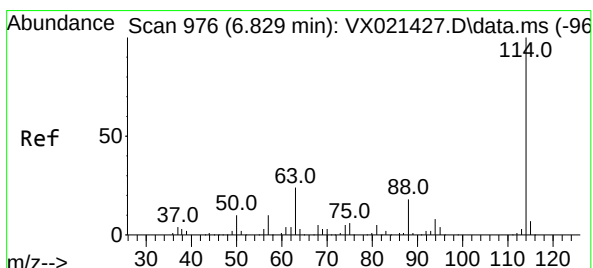
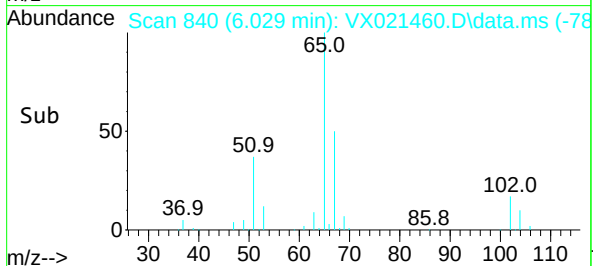
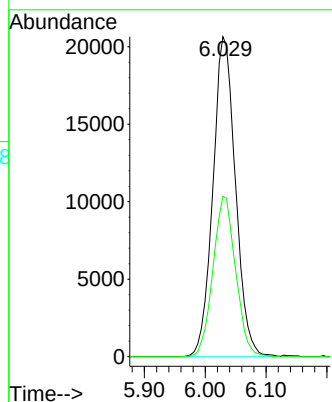
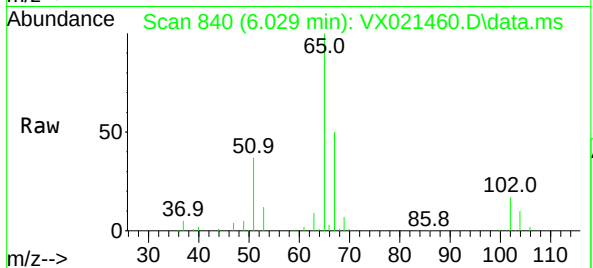
Acq: 25 Mar 2021 01:48

Tgt Ion: 65 Resp: 53192

Ion Ratio Lower Upper

65 100

67 50.3 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: VX021460.D

Acq: 25 Mar 2021 01:48

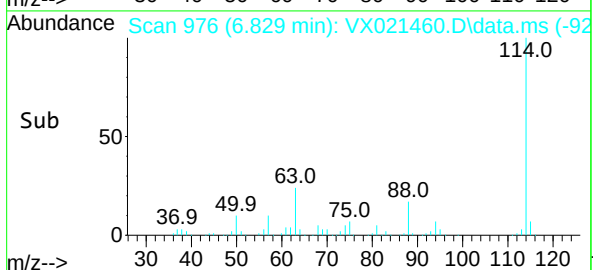
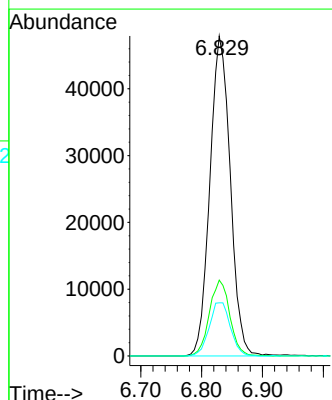
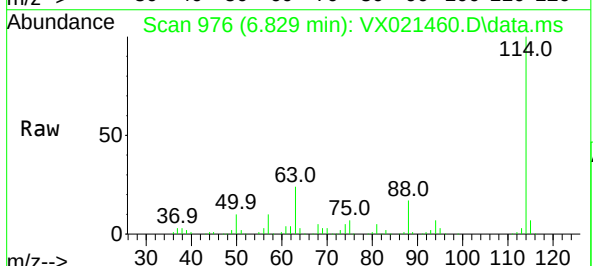
Tgt Ion: 114 Resp: 111453

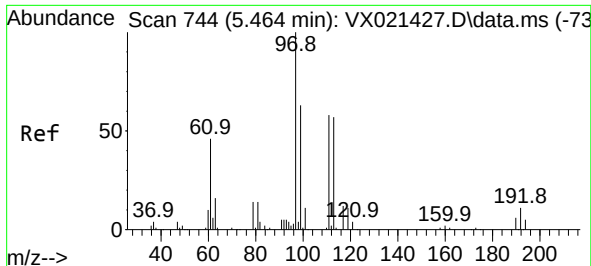
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.8

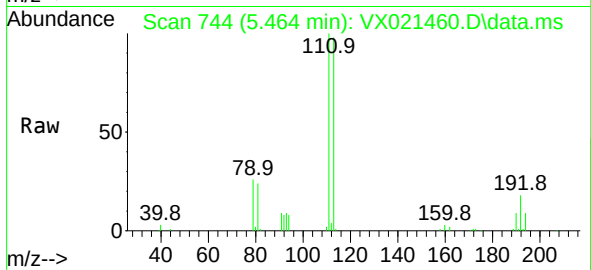
88 16.6 0.0 32.8



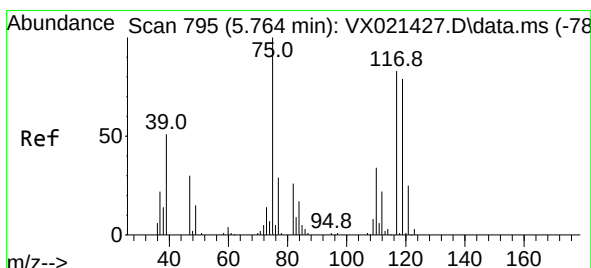
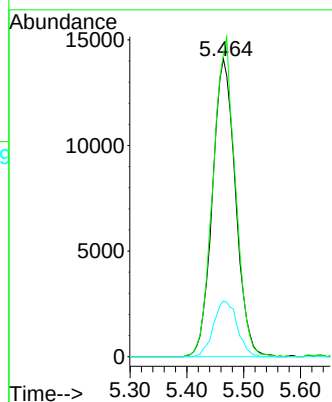
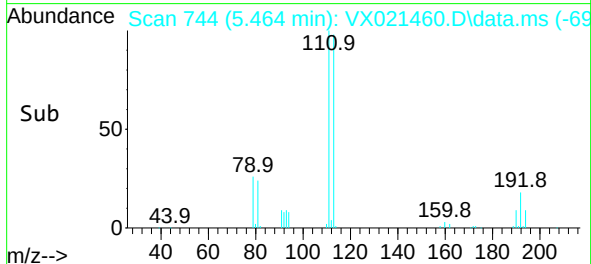


#35
Dibromofluoromethane
Concen: 50.36 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

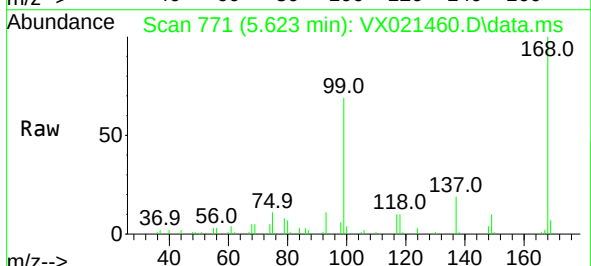
Instrument :
MSVOA_X
ClientSampled :



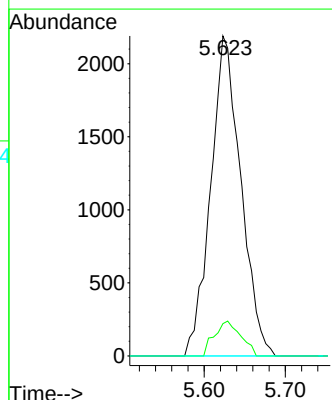
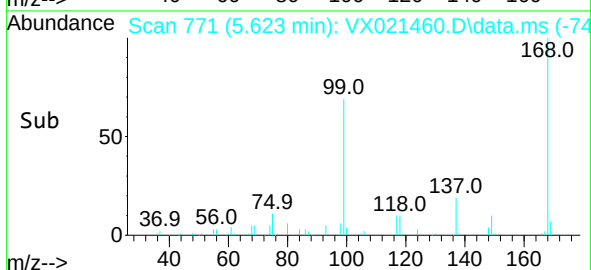
Tgt Ion:113 Resp: 39867
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 19.1 16.7 25.1

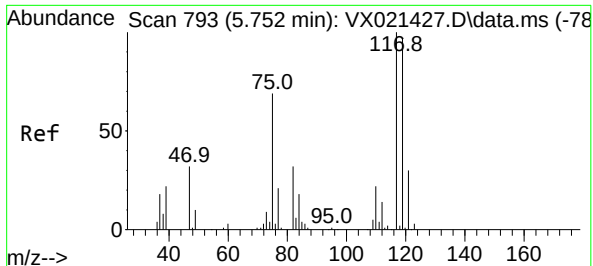


#36
1,1-Dichloropropene
Concen: 5.18 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48



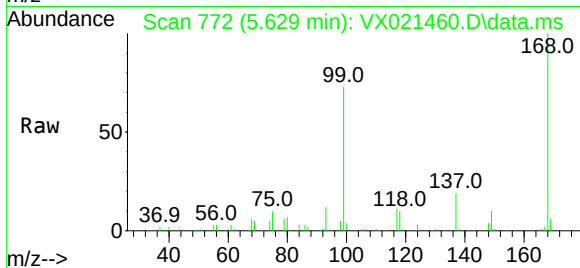
Tgt Ion: 75 Resp: 5658
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



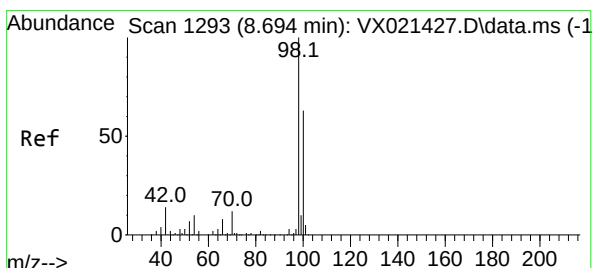
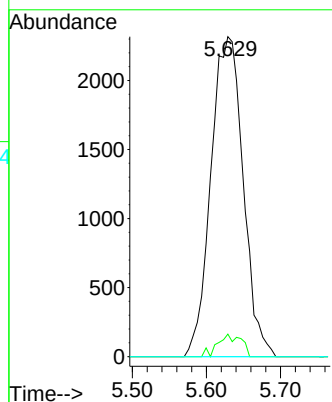
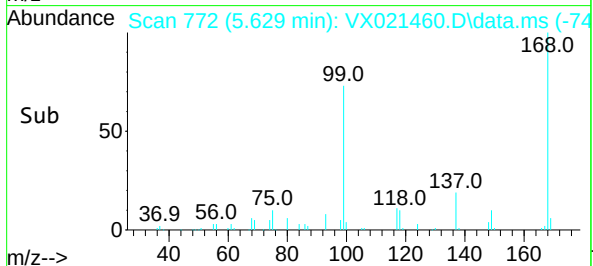


#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

Instrument :
MSVOA_X
ClientSampled :

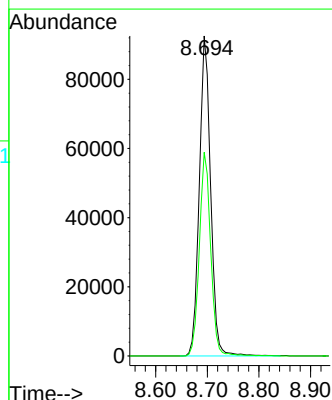
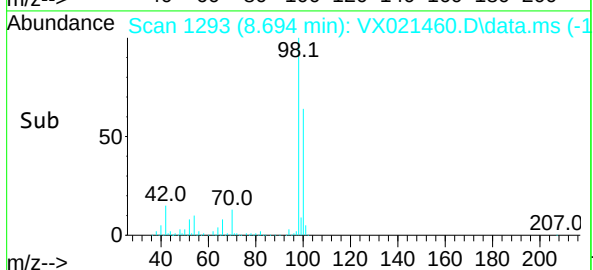
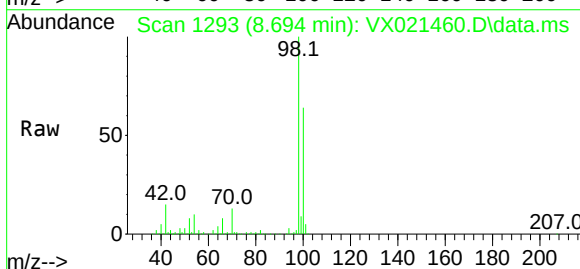


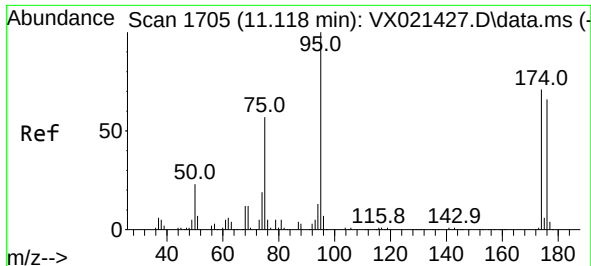
Tgt Ion:117 Resp: 6999
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

Tgt Ion: 98 Resp: 140783
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

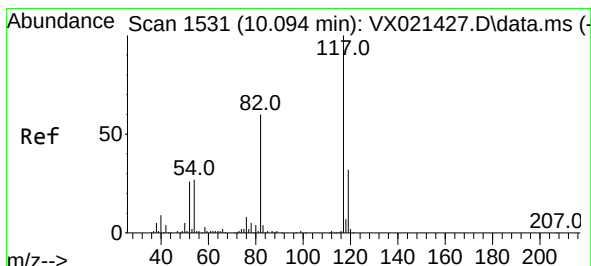
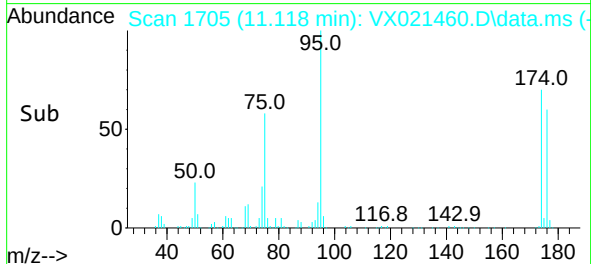
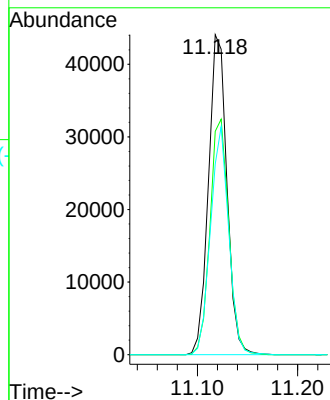
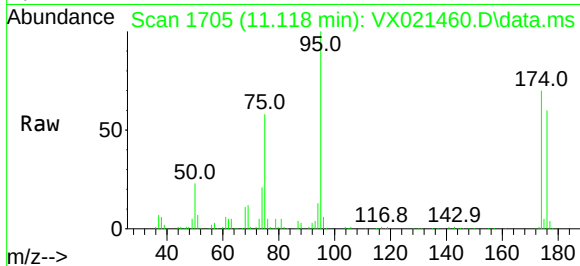




#62
4-Bromofluorobenzene
Concen: 51.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

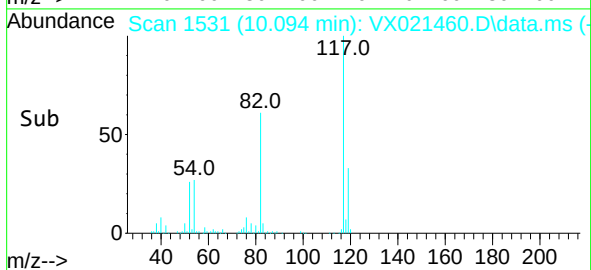
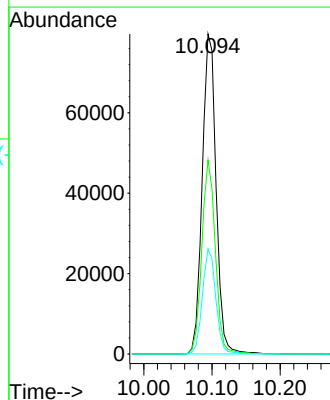
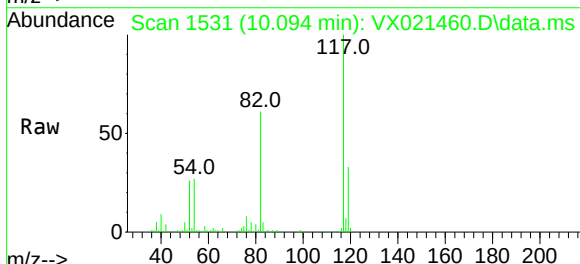
Instrument :
MSVOA_X
ClientSampled :

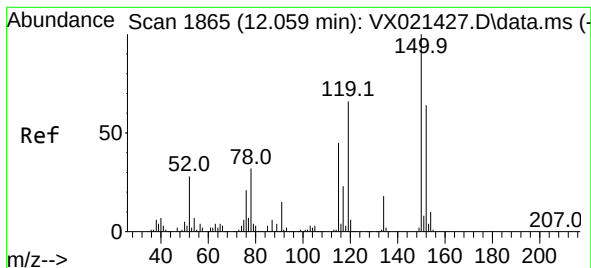
Tgt Ion: 95 Resp: 56486
Ion Ratio Lower Upper
95 100
174 74.8 0.0 154.6
176 70.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

Tgt Ion: 117 Resp: 112706
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.9 26.6 39.8

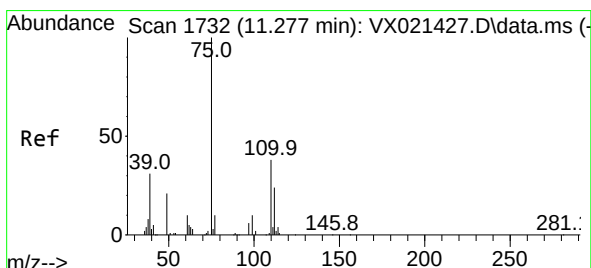
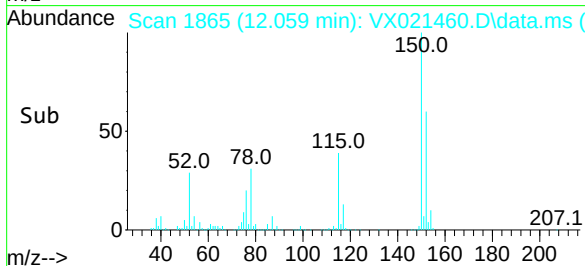
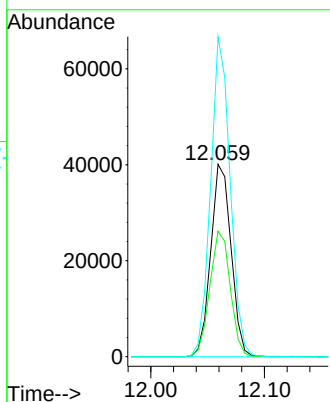
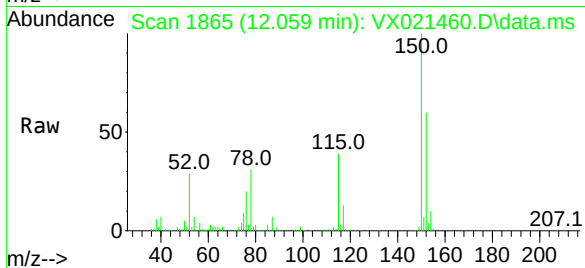




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

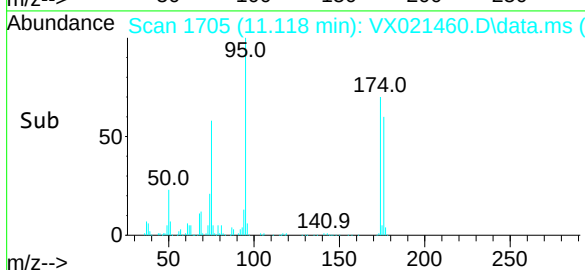
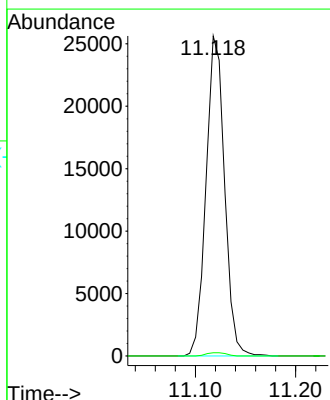
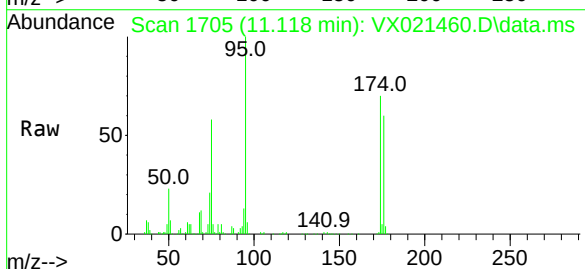
Instrument :
MSVOA_X
ClientSampleId :

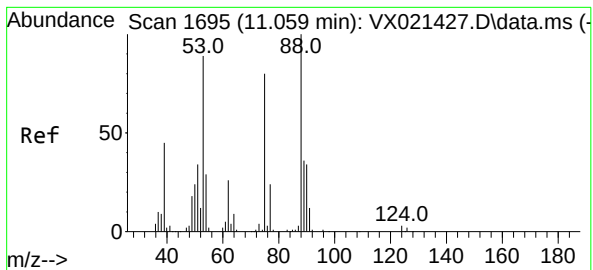
Tgt Ion:152 Resp: 49979
Ion Ratio Lower Upper
152 100
115 65.5 41.1 123.3
150 159.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021460.D
Acq: 25 Mar 2021 01:48

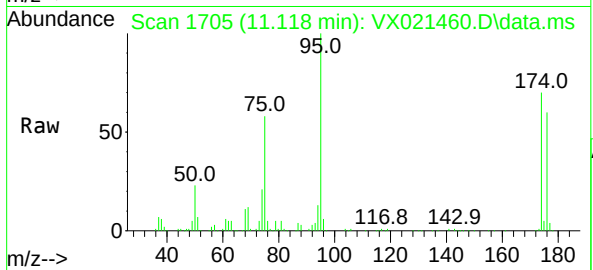
Tgt Ion: 75 Resp: 32936
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.22 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021460.D
 Acq: 25 Mar 2021 01:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 32936
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

