

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021821.D
 Acq On : 22 Apr 2021 16:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:44:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

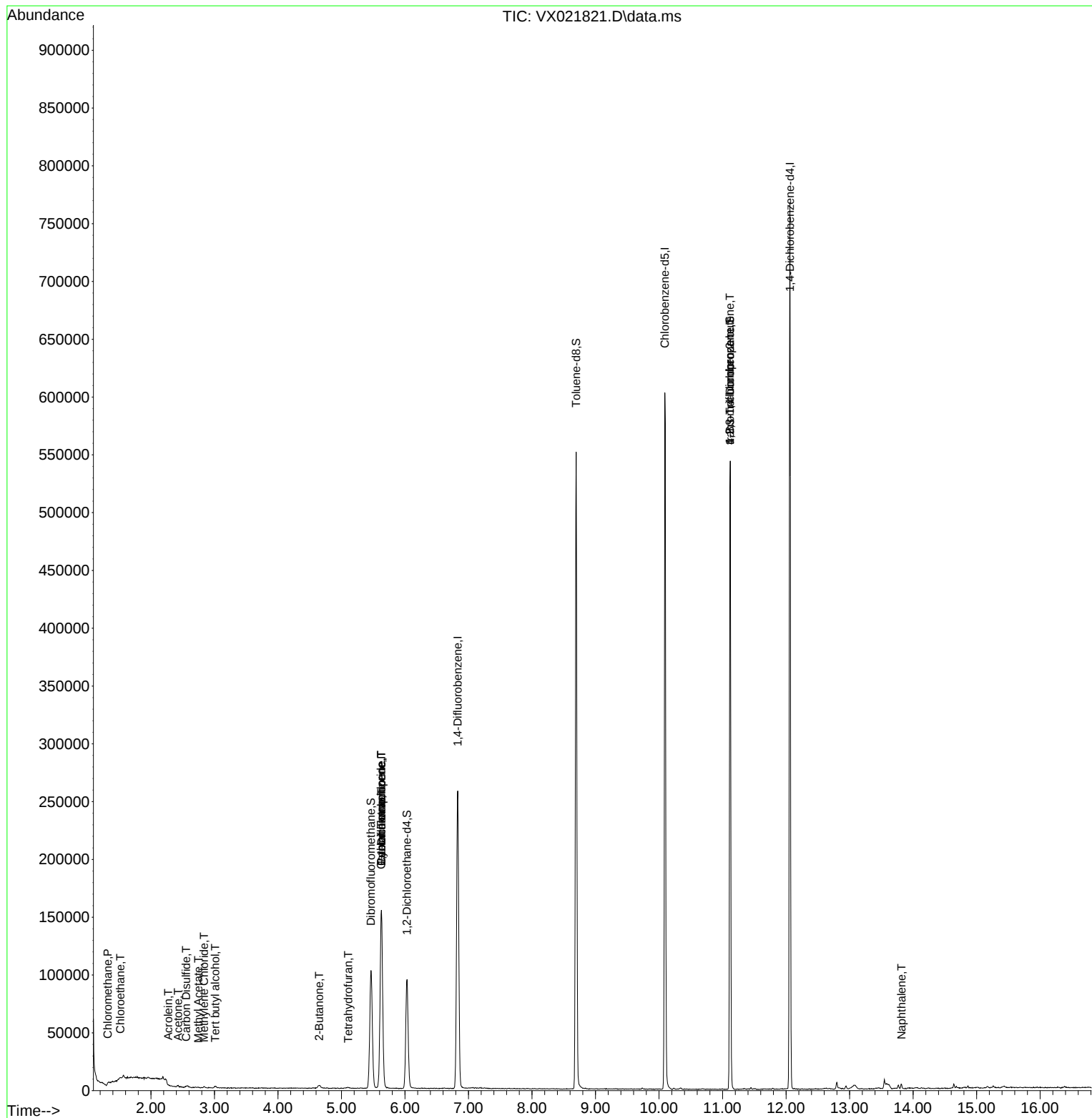
Internal Standards						
1) Pentafluorobenzene	5.629	168	154696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	281245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	303834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	163198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	89307	50.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.78%			
35) Dibromofluoromethane	5.465	113	90644	50.40	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.80%			
50) Toluene-d8	8.696	98	348185	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.70%			
62) 4-Bromofluorobenzene	11.116	95	154574	59.85	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.70%			
Target Compounds					Qvalue	
3) Chloromethane	1.319	50	530	0.57	ug/l #	84
6) Chloroethane	1.520	64	5164	4.61	ug/l #	54
11) Tert butyl alcohol	3.014	59	1867	4.86	ug/l #	93
13) Acrolein	2.270	56	131	0.42	ug/l #	14
16) Acetone	2.428	43	1496	2.48	ug/l	94
17) Carbon Disulfide	2.556	76	1118	0.27	ug/l #	93
18) Methyl Acetate	2.745	43	482	0.29	ug/l #	47
20) Methylene Chloride	2.837	84	541	0.30	ug/l #	76
25) 2-Butanone	4.648	43	1726	1.69	ug/l	96
29) Tetrahydrofuran	5.105	42	777	1.17	ug/l #	39
31) Cyclohexane	5.629	56	2651	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10707	4.31	ug/l #	48
38) Carbon Tetrachloride	5.623	117	14807	5.45	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	69531	21.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	69531	49.41	ug/l #	12
95) Naphthalene	13.817	128	2643	0.24	ug/l	97

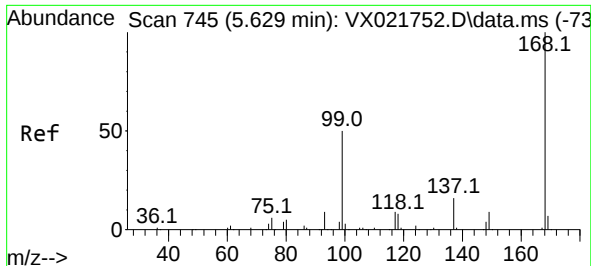
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

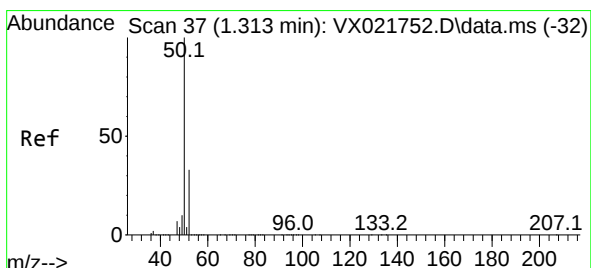
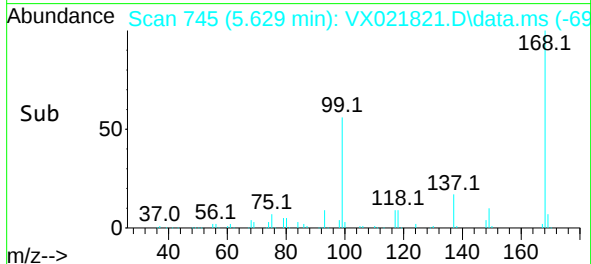
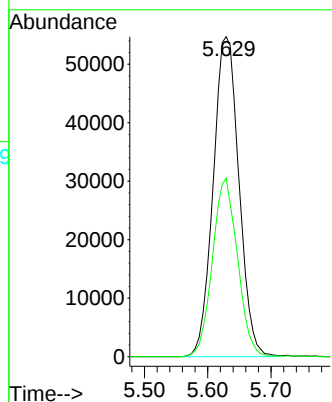
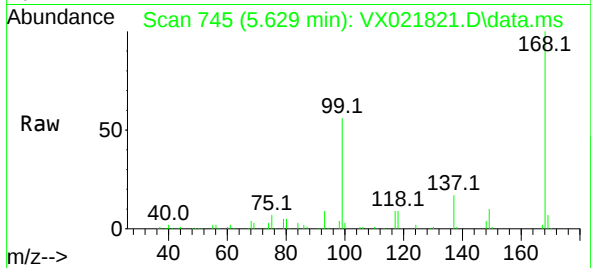




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

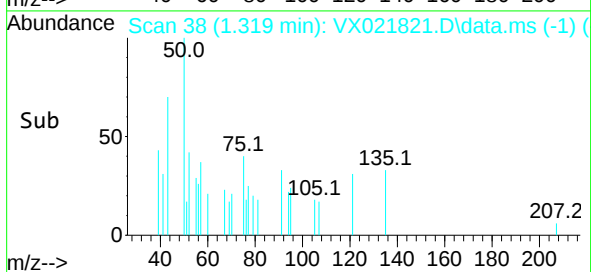
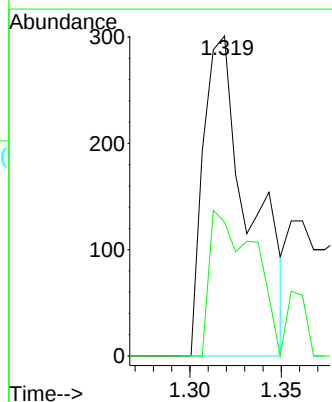
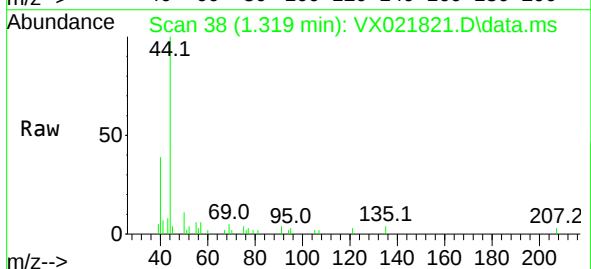
Instrument :
MSVOA_X
ClientSampled :

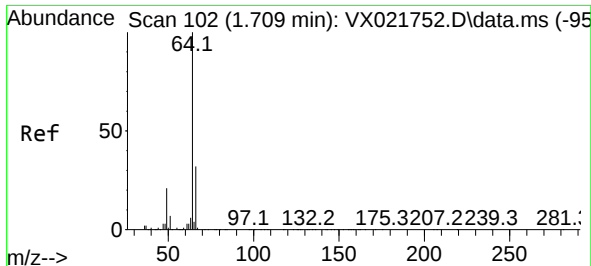
Tgt Ion:168 Resp: 154696
Ion Ratio Lower Upper
168 100
99 55.8 45.8 68.6



#3
Chloromethane
Concen: 0.57 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

Tgt Ion: 50 Resp: 530
Ion Ratio Lower Upper
50 100
52 41.9 26.4 39.6#

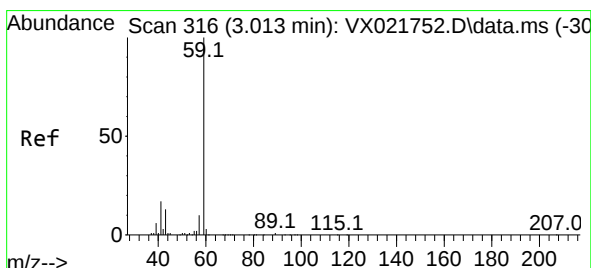
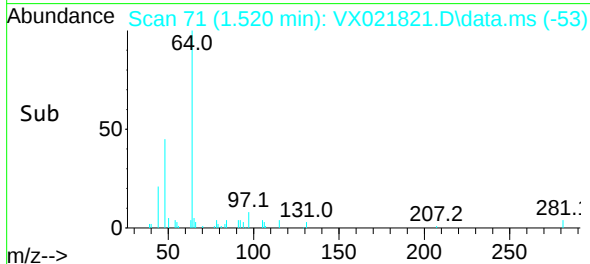
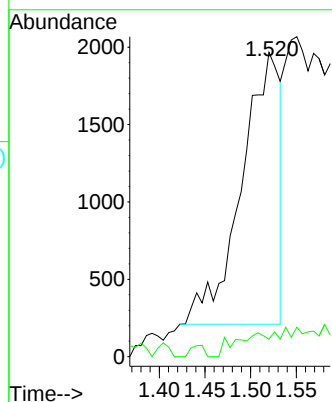
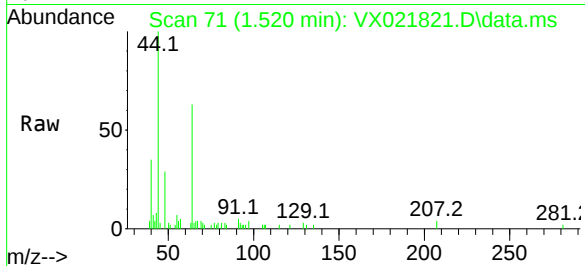




#6
Chloroethane
Concen: 4.61 ug/l
RT: 1.520 min Scan# 71
Delta R.T. -0.189 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

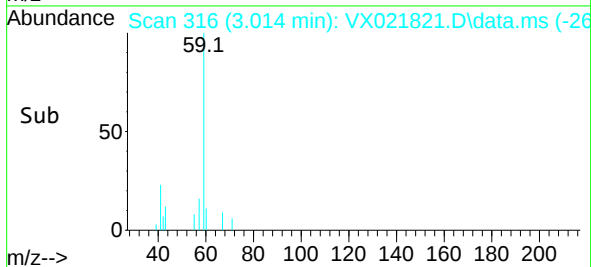
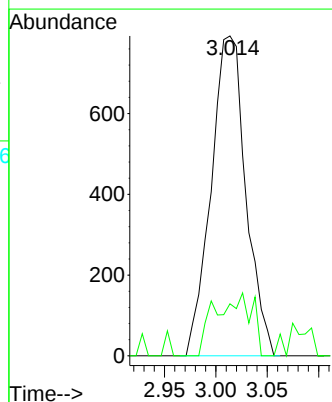
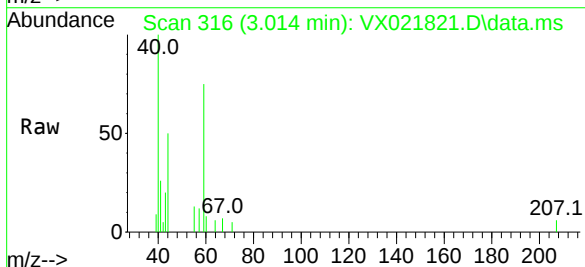
Instrument :
MSVOA_X
ClientSampleId :

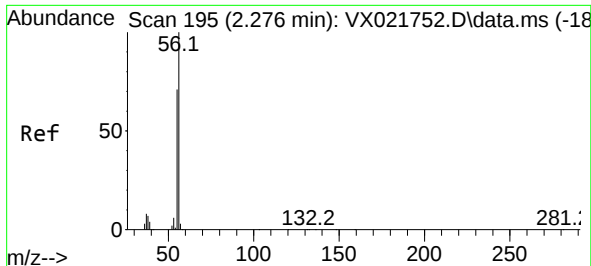
Tgt Ion: 64 Resp: 5164
Ion Ratio Lower Upper
64 100
66 6.4 25.4 38.0#



#11
Tert butyl alcohol
Concen: 4.86 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

Tgt Ion: 59 Resp: 1867
Ion Ratio Lower Upper
59 100
57 12.3 7.8 11.8#

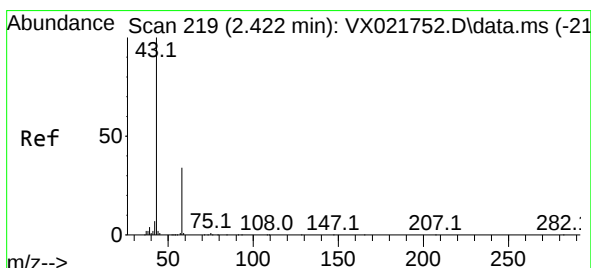
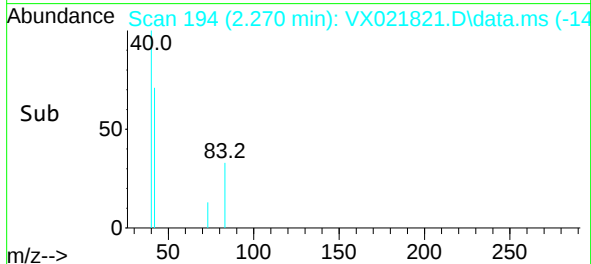
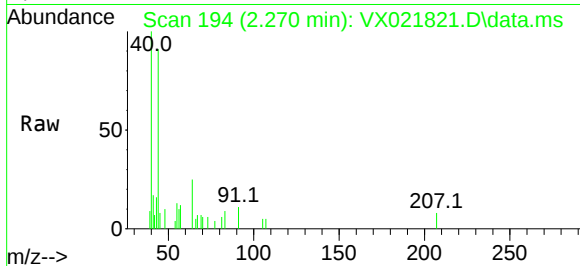




#13
Acrolein
Concen: 0.42 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

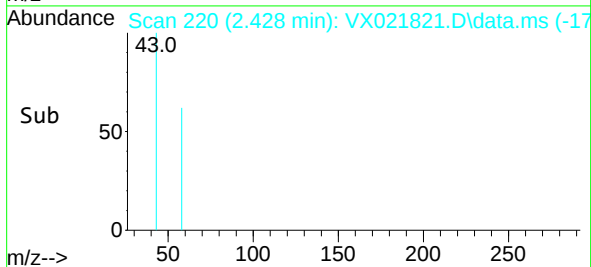
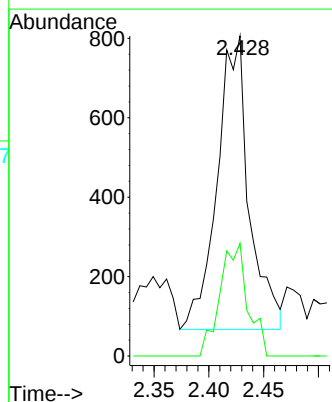
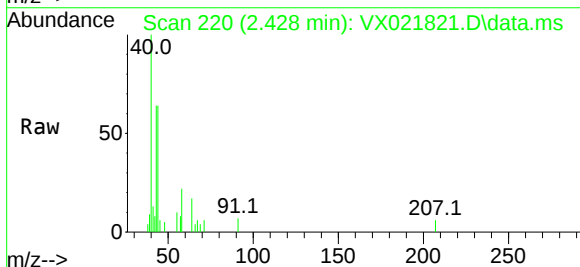
Instrument :
MSVOA_X
ClientSampled :

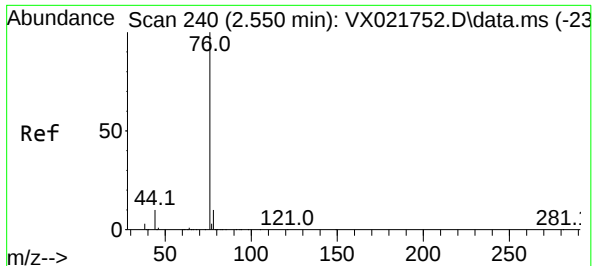
Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.48 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.006 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 38.4 27.8 41.8

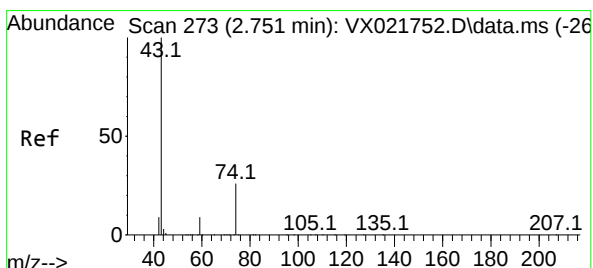
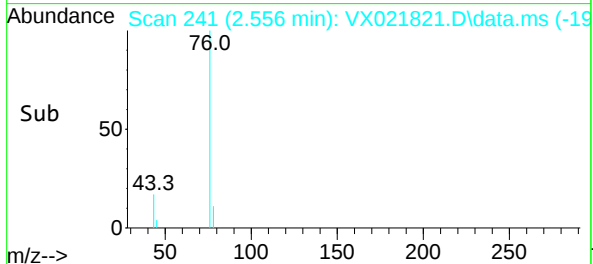
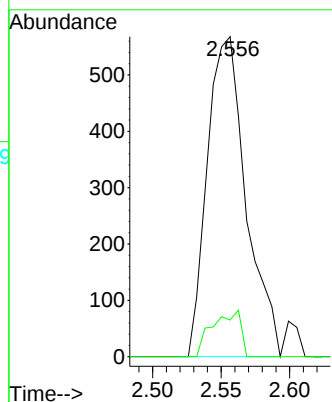
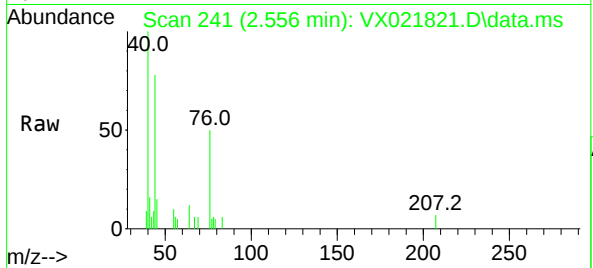




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.006 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

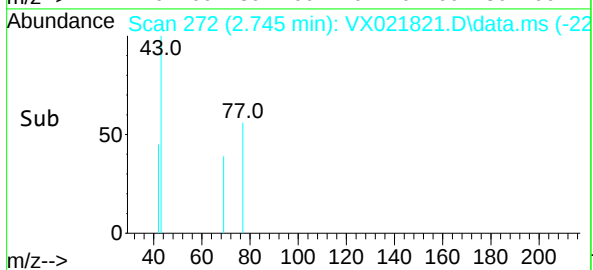
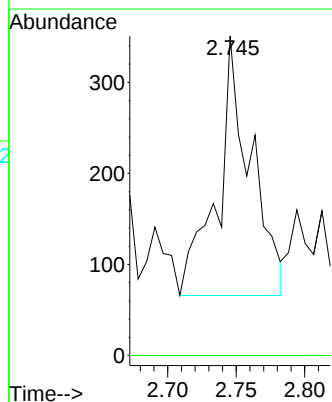
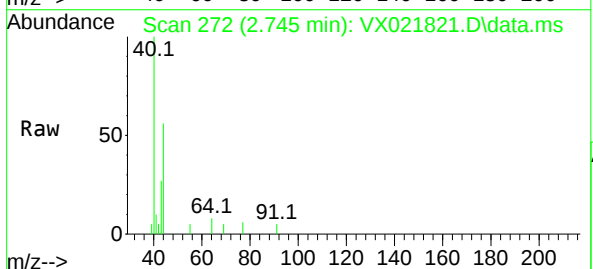
Instrument :
MSVOA_X
ClientSampled :

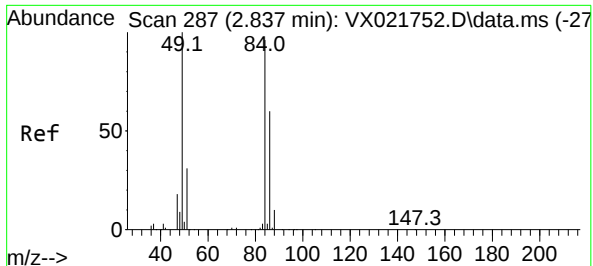
Tgt Ion: 76 Resp: 1118
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.745 min Scan# 272
Delta R.T. -0.006 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

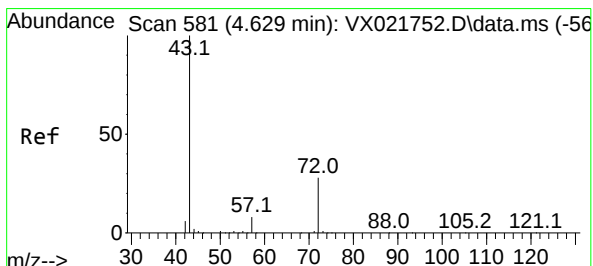
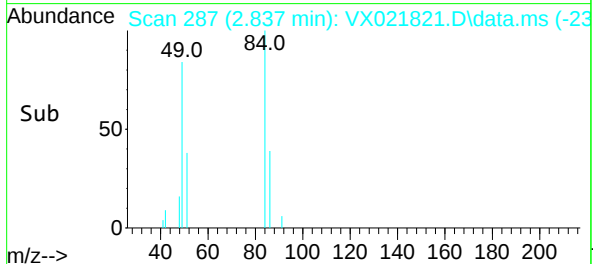
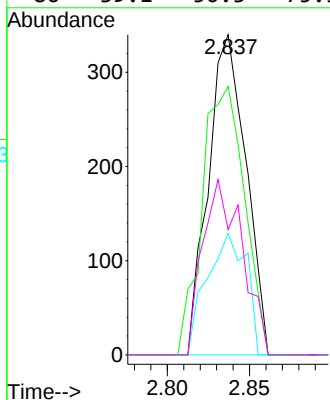
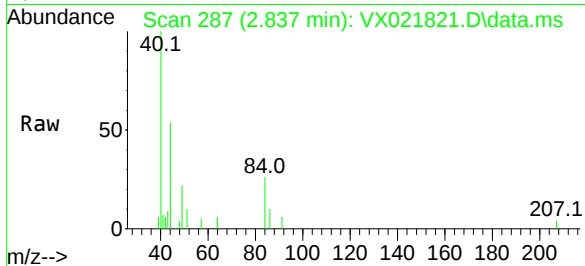




#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

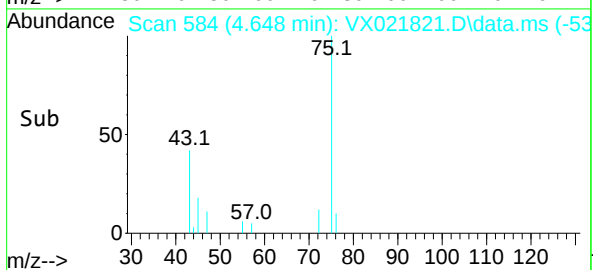
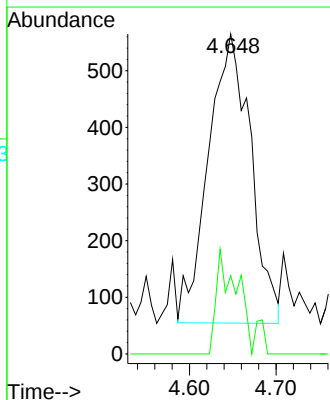
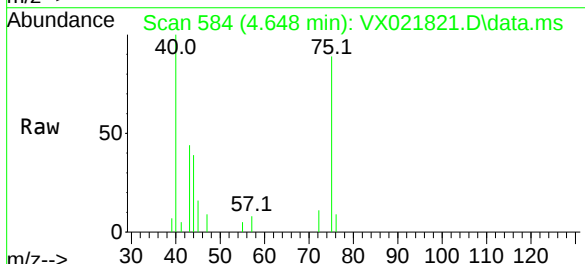
Instrument :
MSVOA_X
ClientSampleId :

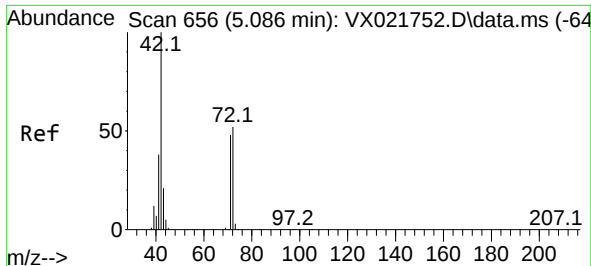
Tgt Ion:	84	Resp:	541
Ion	Ratio	Lower	Upper
84	100		
49	83.8	88.6	132.8#
51	37.9	27.0	40.6
86	39.1	50.3	75.5#



#25
2-Butanone
Concen: 1.69 ug/l
RT: 4.648 min Scan# 584
Delta R.T. 0.019 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

Tgt Ion:	43	Resp:	1726
Ion	Ratio	Lower	Upper
43	100		
72	27.4	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.17 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.019 min

Lab File: VX021821.D

Acq: 22 Apr 2021 16:56

Tgt Ion: 42 Resp: 777

Ion Ratio Lower Upper

42 100

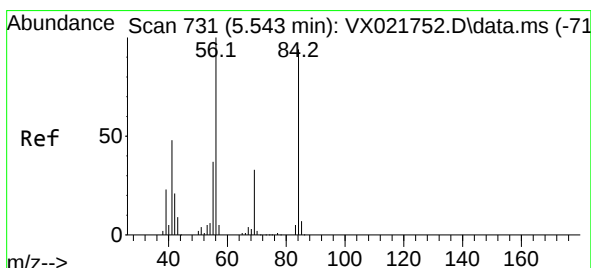
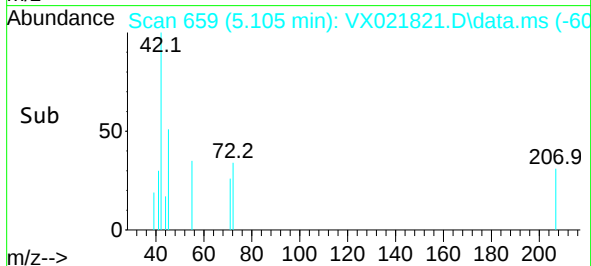
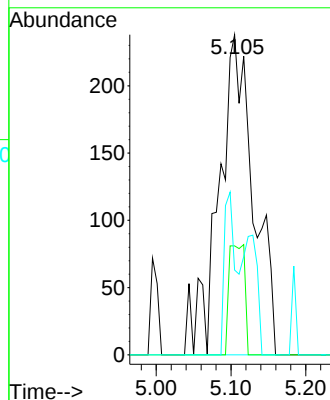
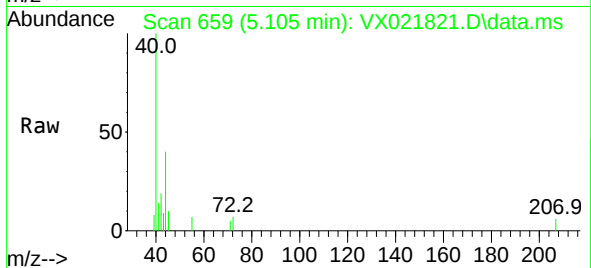
72 0.0 41.7 62.5#

71 16.7 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.086 min

Lab File: VX021821.D

Acq: 22 Apr 2021 16:56

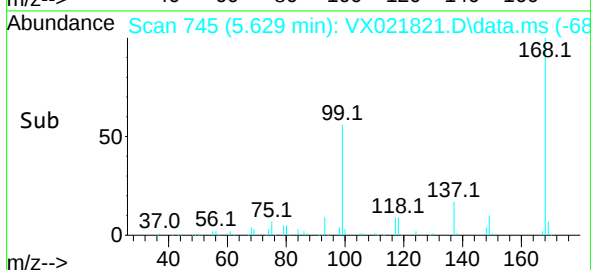
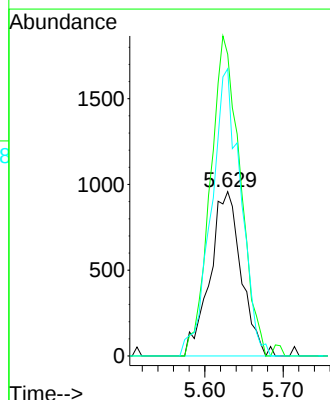
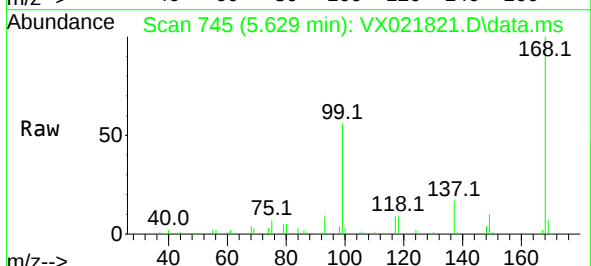
Tgt Ion: 56 Resp: 2651

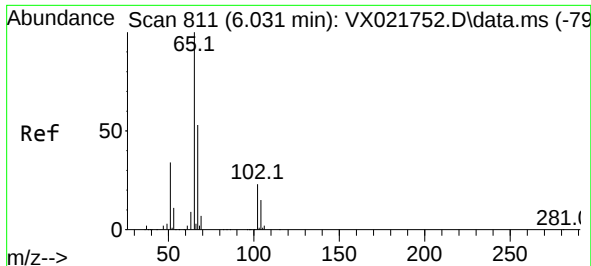
Ion Ratio Lower Upper

56 100

69 183.6 25.3 37.9#

84 174.8 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.89 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021821.D

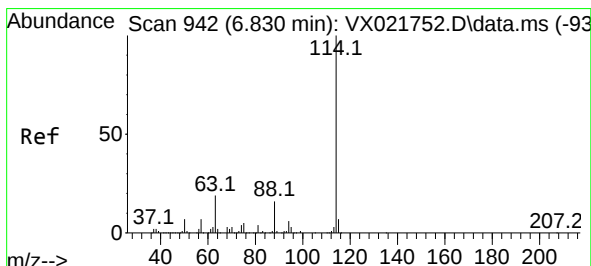
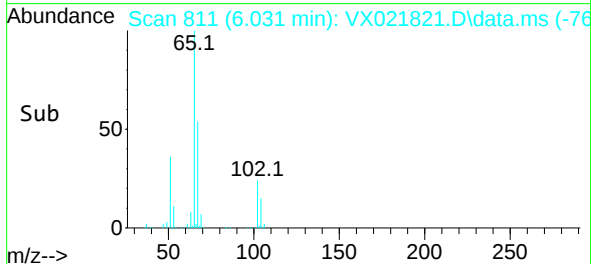
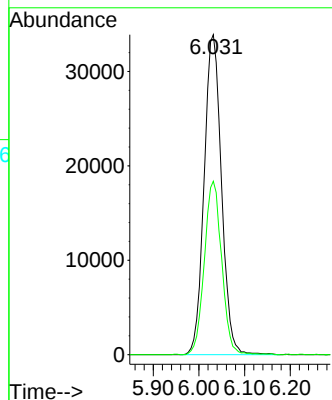
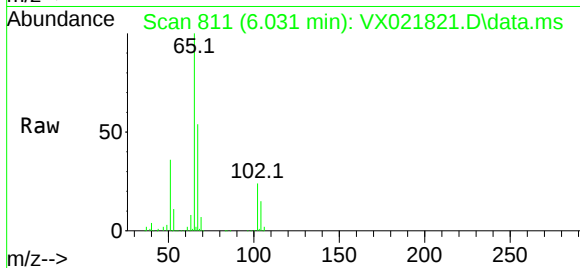
Acq: 22 Apr 2021 16:56

Tgt Ion: 65 Resp: 89307

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX021821.D

Acq: 22 Apr 2021 16:56

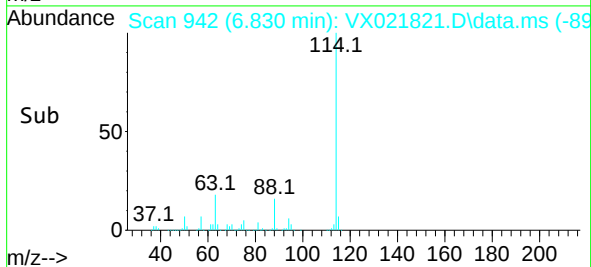
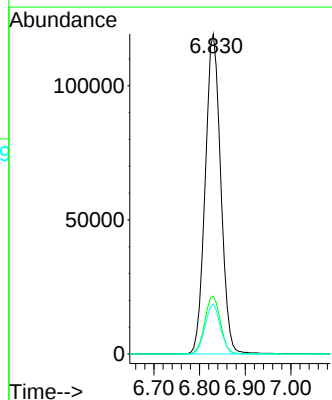
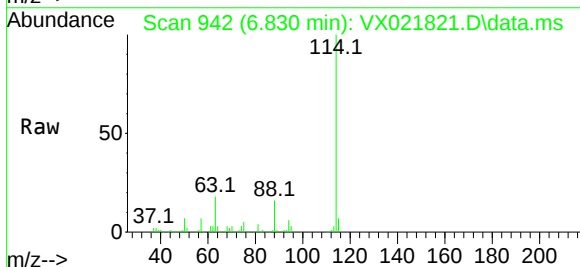
Tgt Ion: 114 Resp: 281245

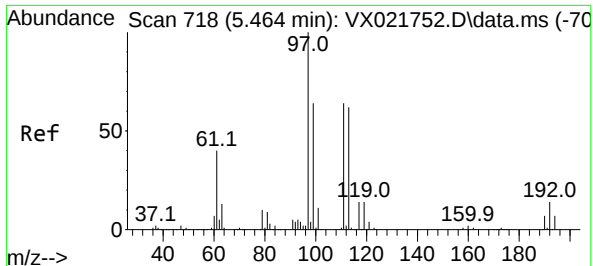
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.8

88 15.6 0.0 32.8

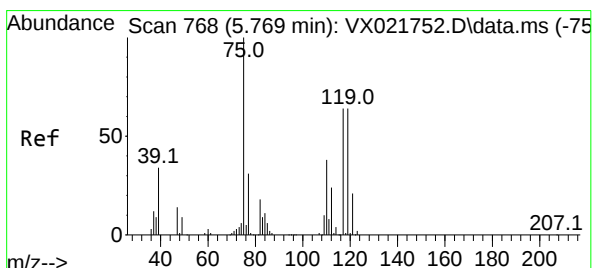
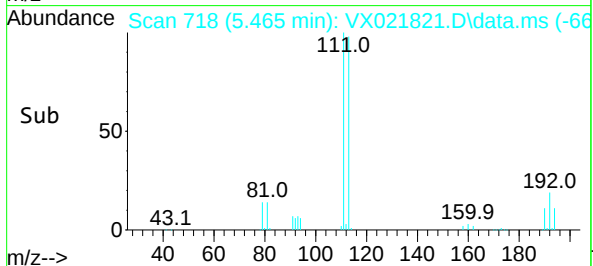
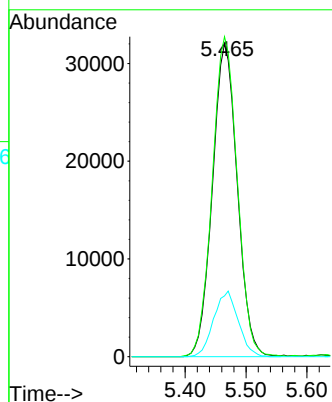
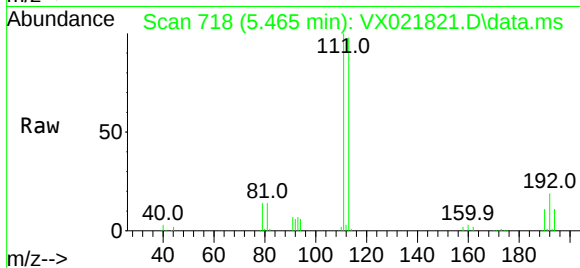




#35
Dibromofluoromethane
Concen: 50.40 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

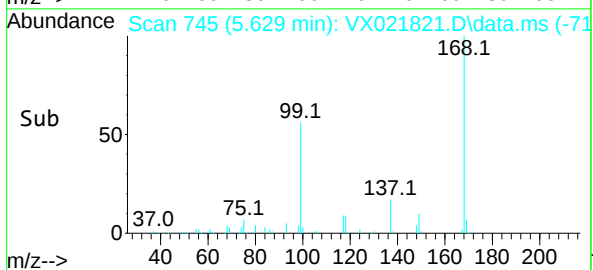
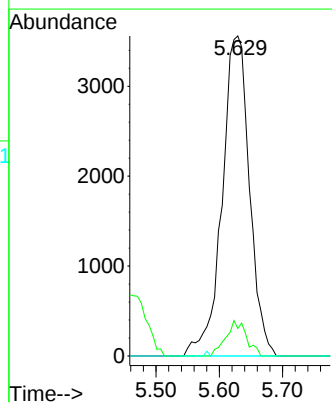
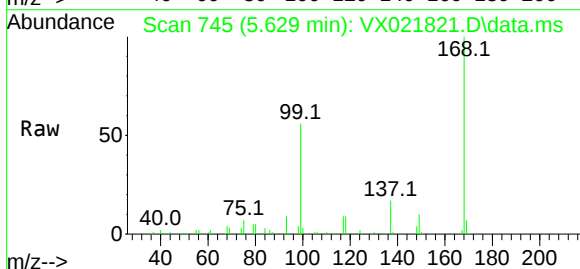
Instrument :
MSVOA_X
ClientSampleId :

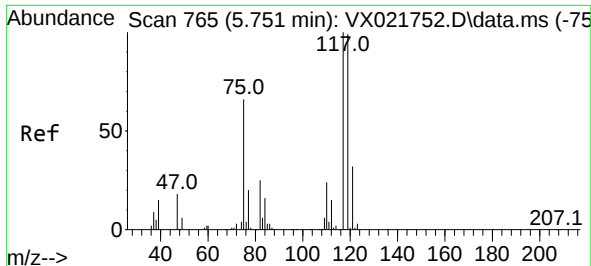
Tgt Ion:113 Resp: 90644
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

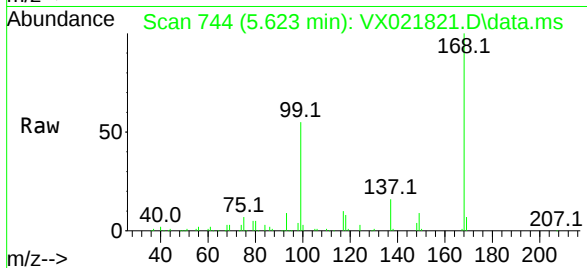
Tgt Ion: 75 Resp: 10707
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



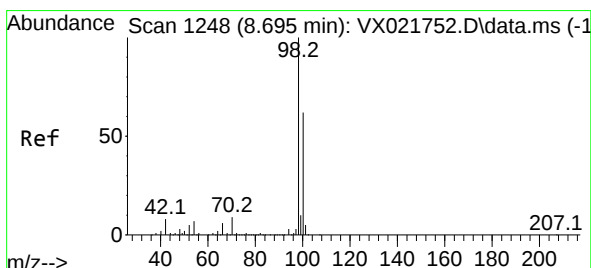
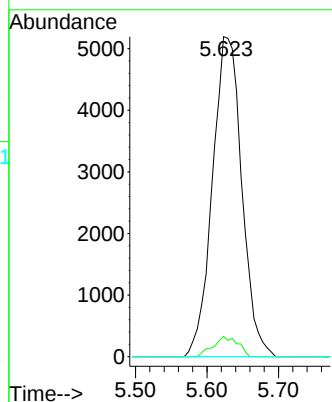
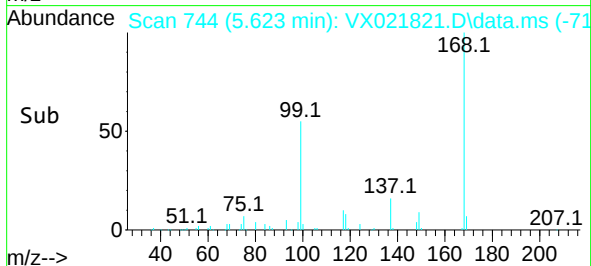


#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

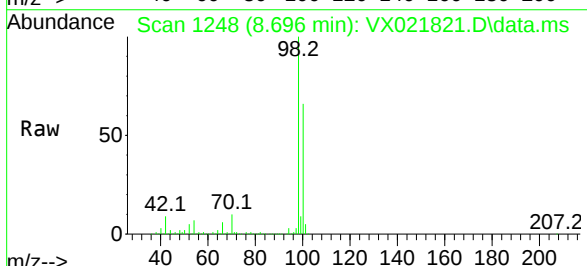
Instrument :
MSVOA_X
ClientSampled :



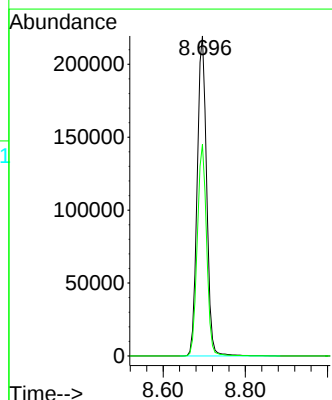
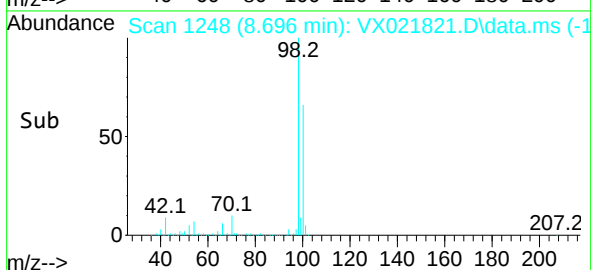
Tgt Ion: 117 Resp: 14807
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

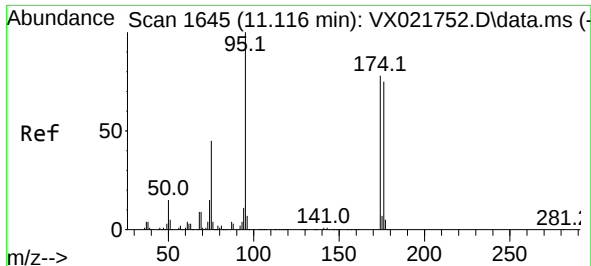


#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56



Tgt Ion: 98 Resp: 348185
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

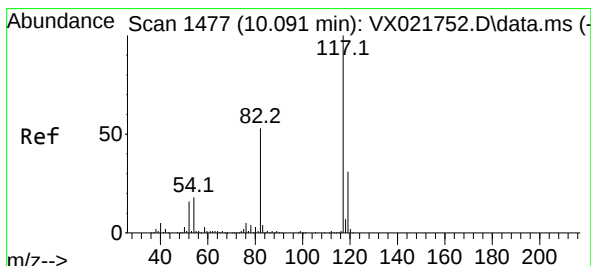
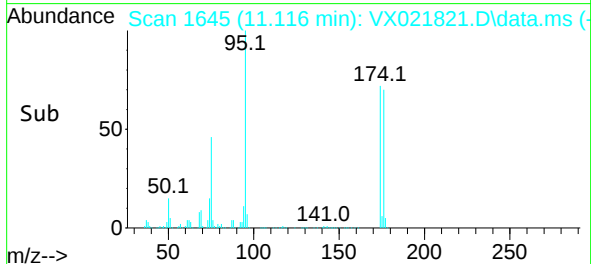
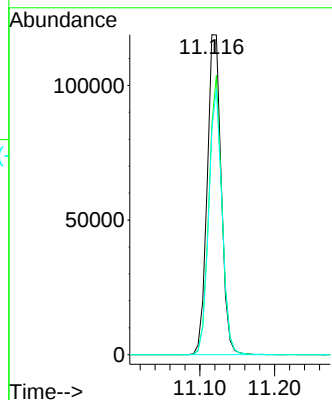
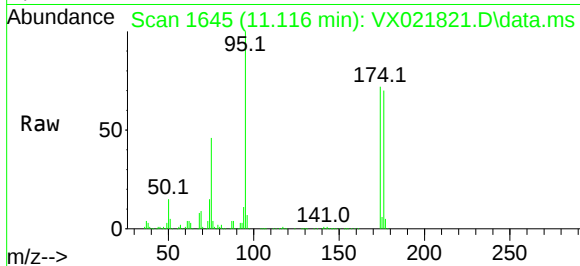




#62
4-Bromofluorobenzene
Concen: 59.85 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

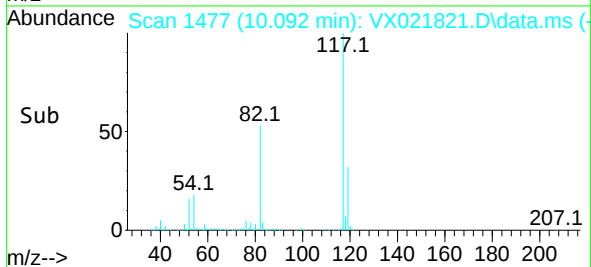
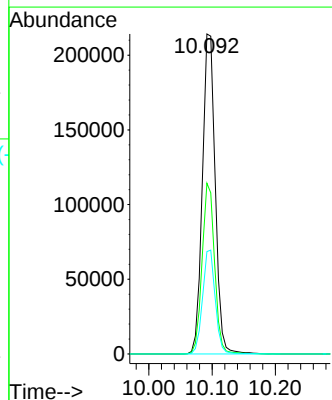
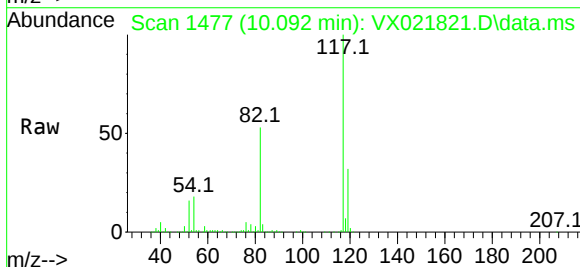
Instrument :
MSVOA_X
ClientSampled :

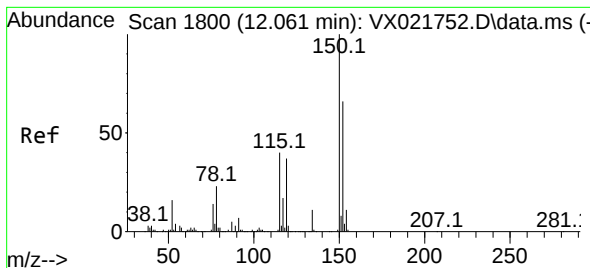
Tgt Ion: 95 Resp: 154574
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 78.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

Tgt Ion: 117 Resp: 303834
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 32.0 26.6 39.8

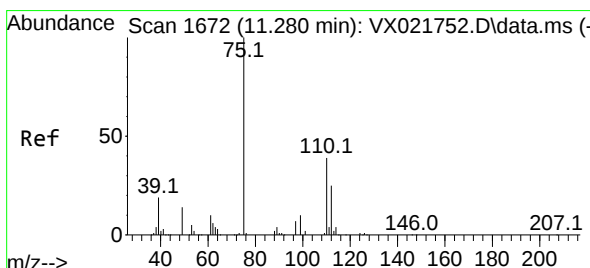
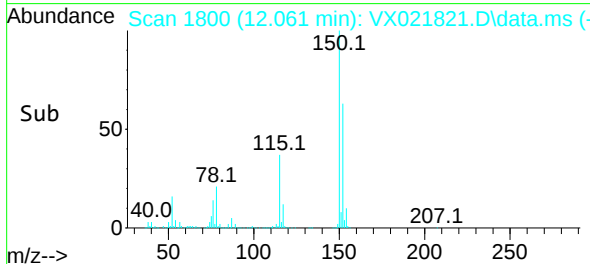
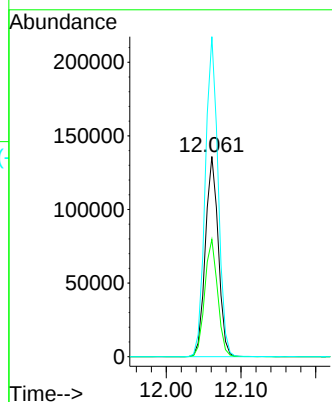
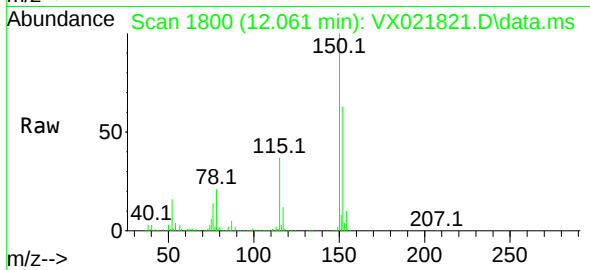




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021821.D
 Acq: 22 Apr 2021 16:56

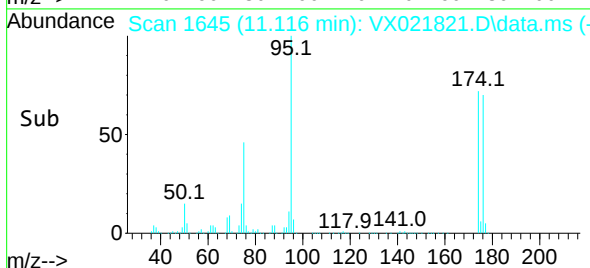
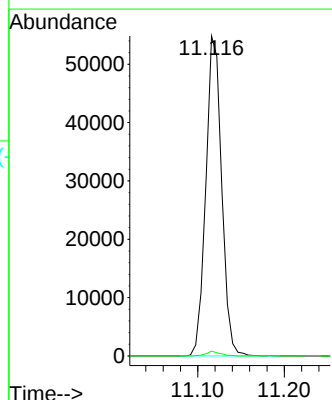
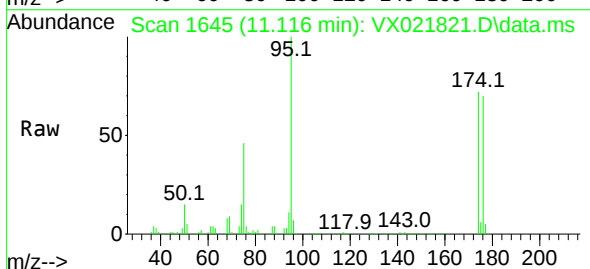
Instrument :
 MSVOA_X
 ClientSampleId :

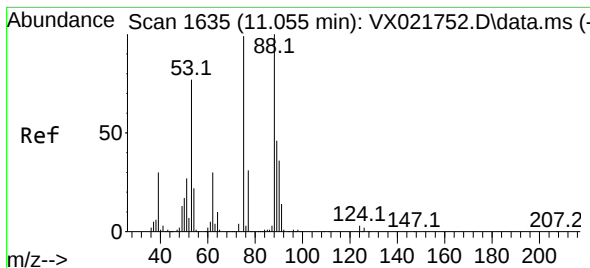
Tgt Ion:152 Resp: 163198
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.1 123.3
 150 158.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.48 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021821.D
 Acq: 22 Apr 2021 16:56

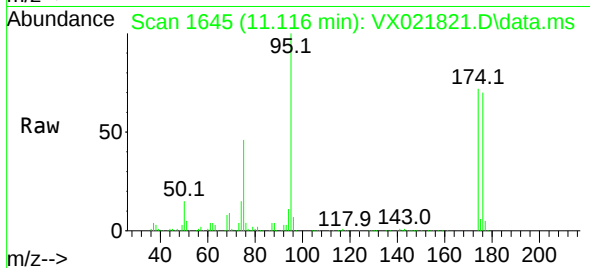
Tgt Ion: 75 Resp: 69531
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



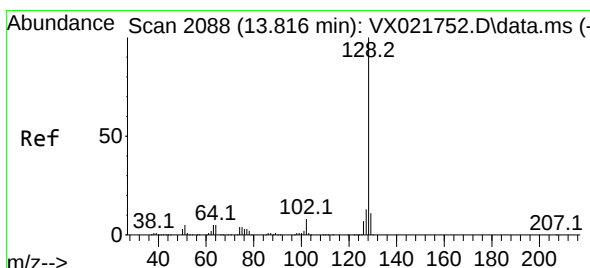
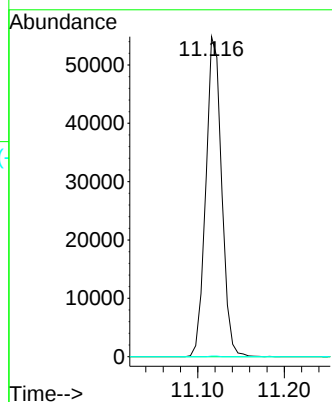
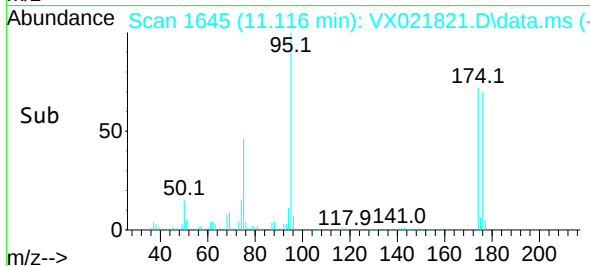


#81
trans-1,4-Dichloro-2-butene
Concen: 49.41 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56

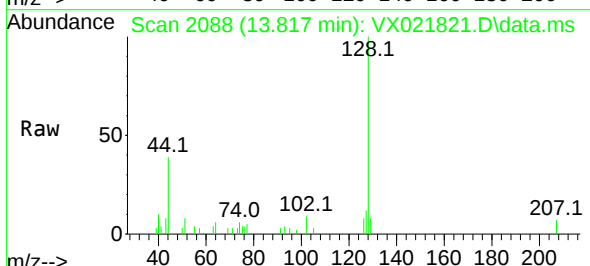
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 69531
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 0.24 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX021821.D
Acq: 22 Apr 2021 16:56



Tgt Ion: 128 Resp: 2643
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 10.9 8.8 13.2

