

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021791.D
 Acq On : 21 Apr 2021 14:41
 Operator : JC/MD
 Sample : M2122-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 22 08:57:44 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)

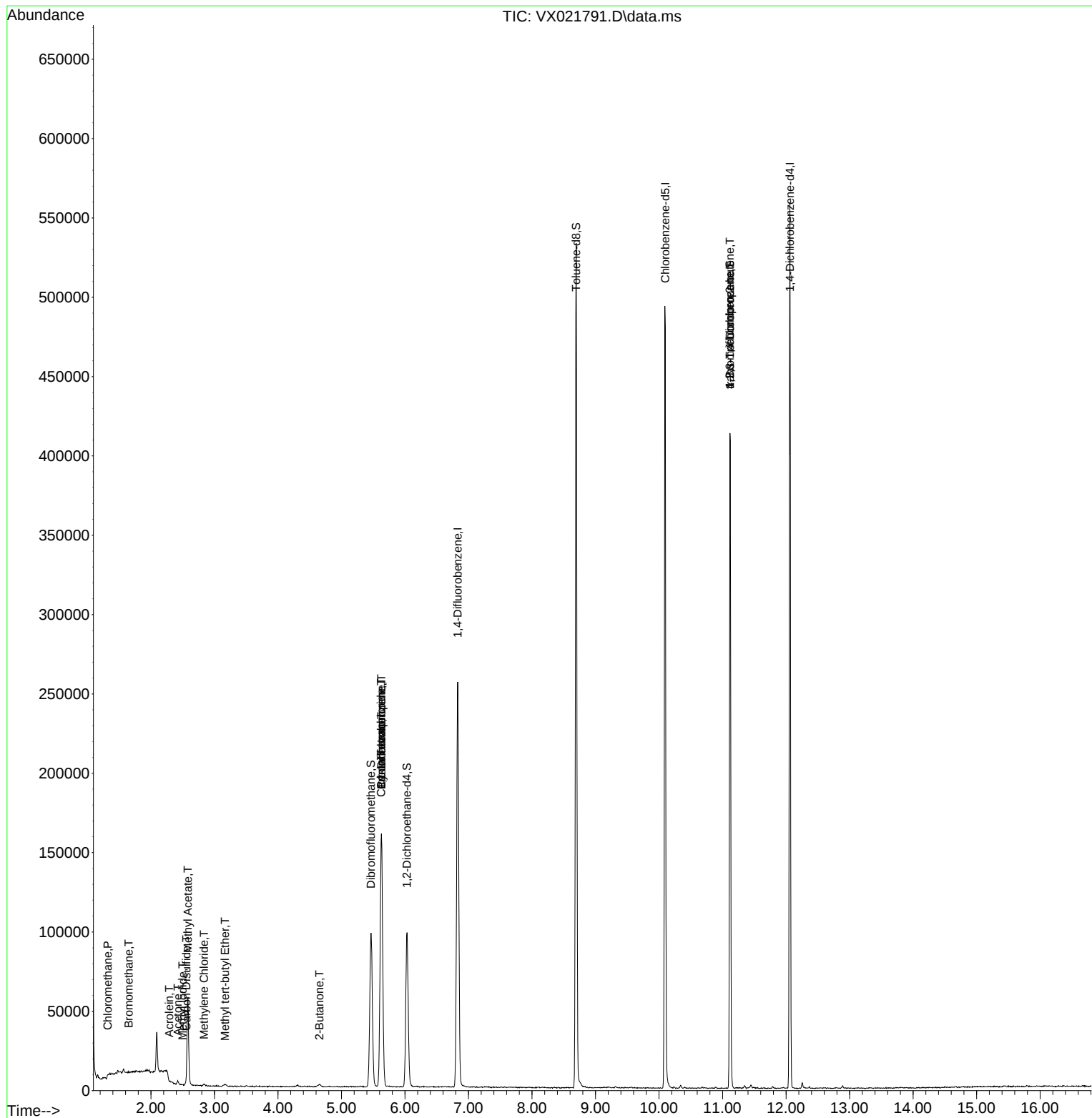
Internal Standards						
1) Pentafluorobenzene	5.629	168	158662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	272115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	248261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	121247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	93336	51.86	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.72%			
35) Dibromofluoromethane	5.464	113	86755	49.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.70%			
50) Toluene-d8	8.696	98	329055	49.18	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.36%			
62) 4-Bromofluorobenzene	11.116	95	120901	48.39	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.78%			
Target Compounds					Qvalue	
3) Chloromethane	1.319	50	1496	1.04	ug/l	90
5) Bromomethane	1.648	94	218	0.27	ug/l #	72
10) Methyl Iodide	2.495	142	22	8.16	ug/l #	42
13) Acrolein	2.288	56	67	0.21	ug/l #	14
16) Acetone	2.422	43	2481	4.01	ug/l	96
17) Carbon Disulfide	2.556	76	1828	0.44	ug/l #	93
18) Methyl Acetate	2.581	43	12532	7.46	ug/l #	47
19) Methyl tert-butyl Ether	3.166	73	1534	0.30	ug/l #	89
20) Methylene Chloride	2.837	84	553	0.30	ug/l #	81
25) 2-Butanone	4.654	43	652	0.62	ug/l #	45
31) Cyclohexane	5.629	56	3010	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10993	4.58	ug/l #	49
38) Carbon Tetrachloride	5.623	117	15063	5.73	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	55479	23.07	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	55479	53.06	ug/l #	12

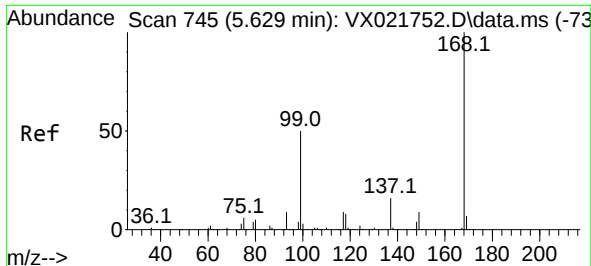
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 08:57:44 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

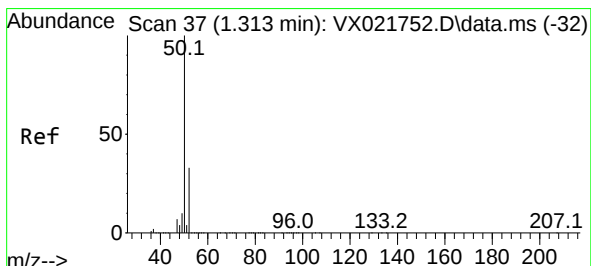
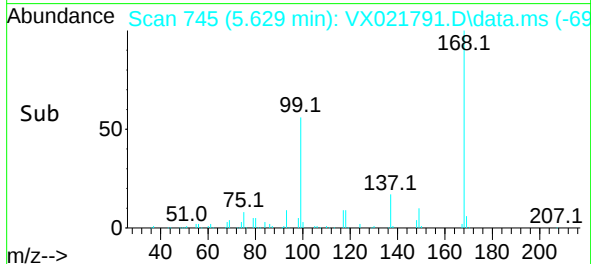
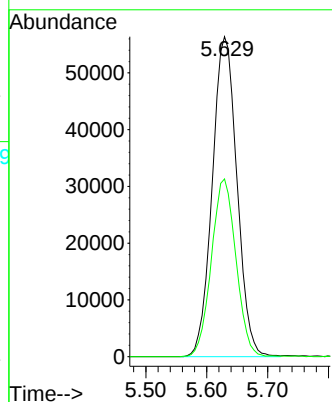
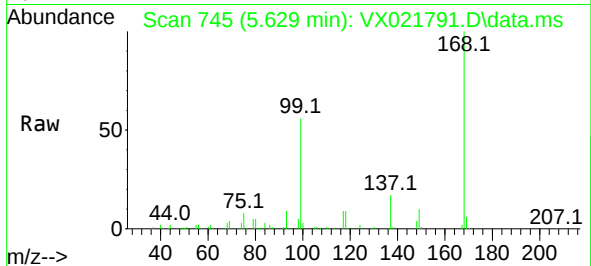




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

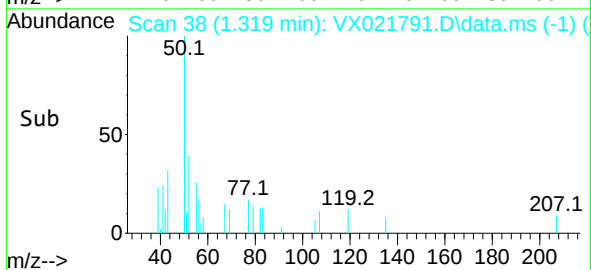
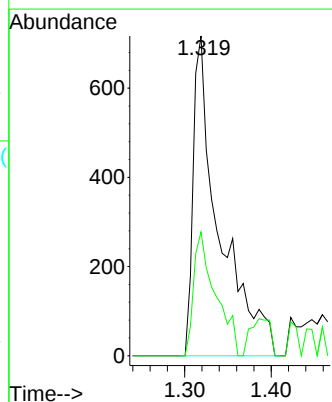
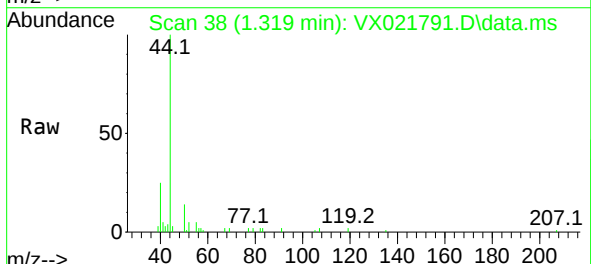
Instrument :
MSVOA_X
ClientSampleId :

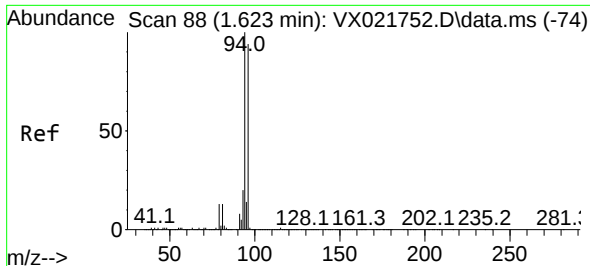
Tgt Ion:168 Resp: 158662
Ion Ratio Lower Upper
168 100
99 55.6 45.8 68.6



#3
Chloromethane
Concen: 1.04 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 50 Resp: 1496
Ion Ratio Lower Upper
50 100
52 38.8 26.4 39.6

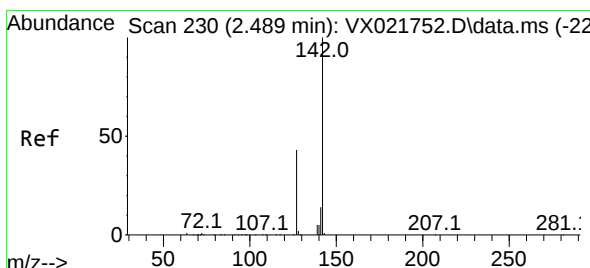
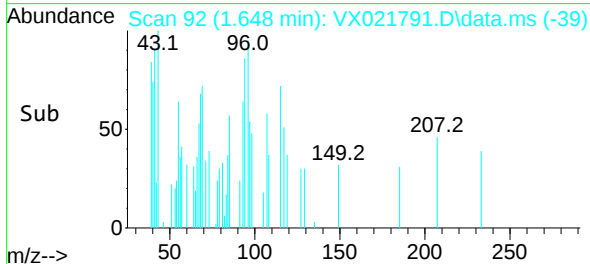
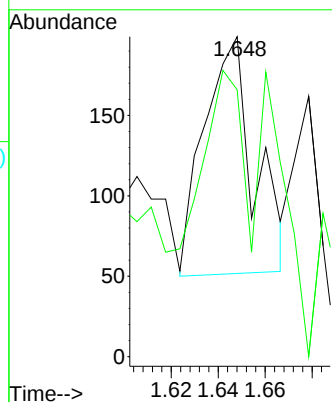
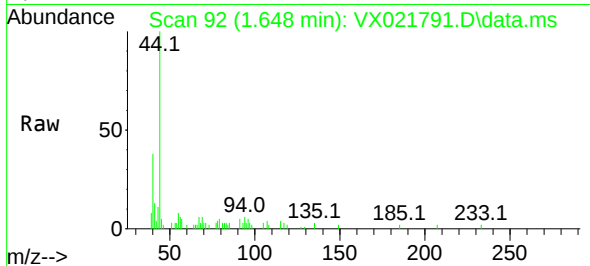




#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.025 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

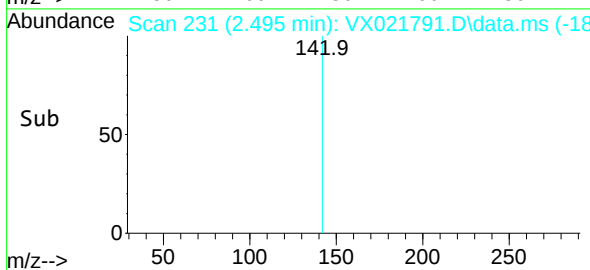
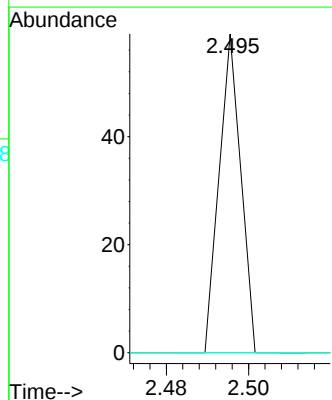
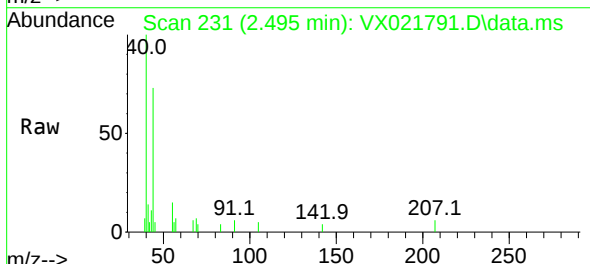
Instrument :
MSVOA_X
ClientSampleId :

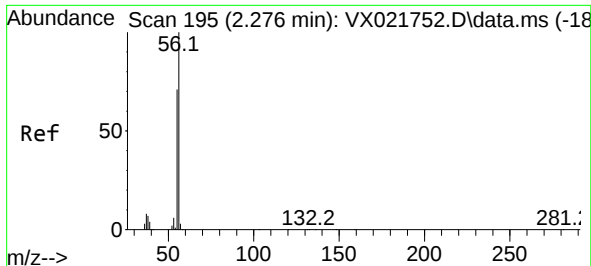
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 67.8 76.4 114.6#



#10
Methyl Iodide
Concen: 8.16 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

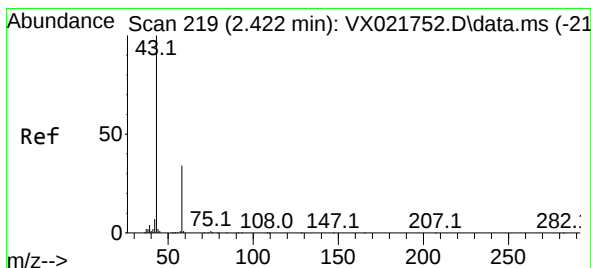
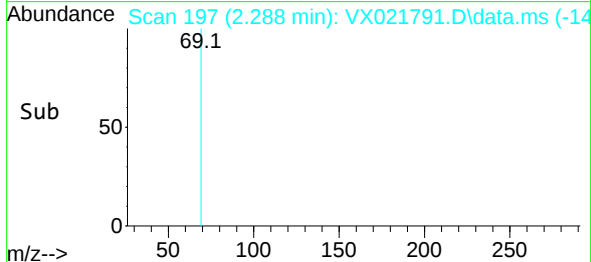
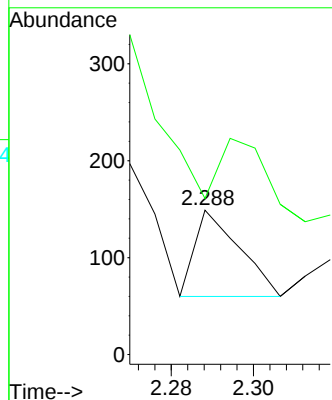
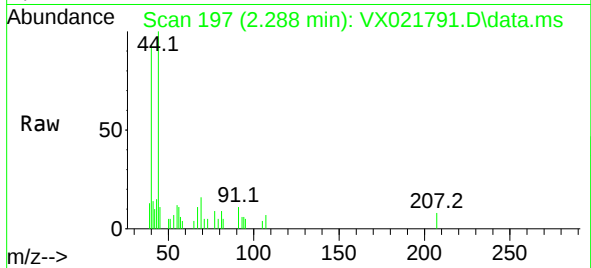




#13
Acrolein
Concen: 0.21 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.012 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

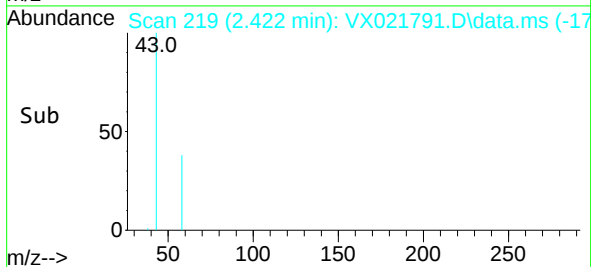
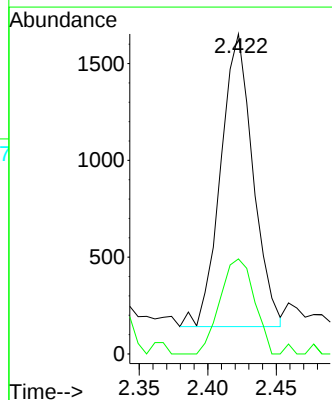
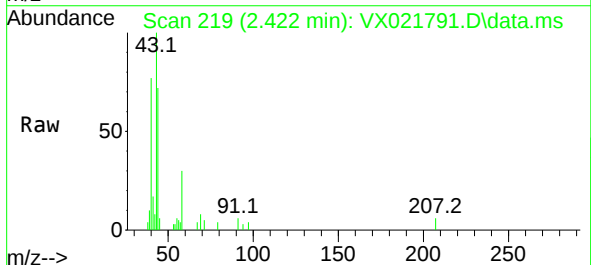
Instrument :
MSVOA_X
ClientSampleId :

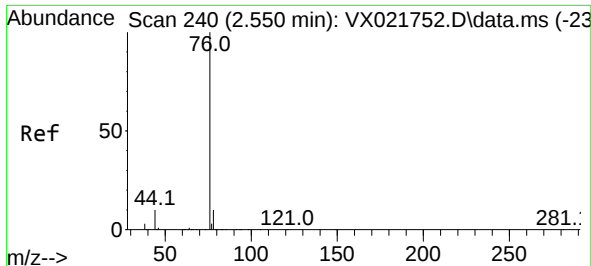
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 4.01 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8

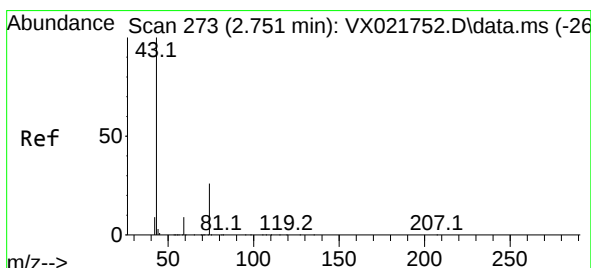
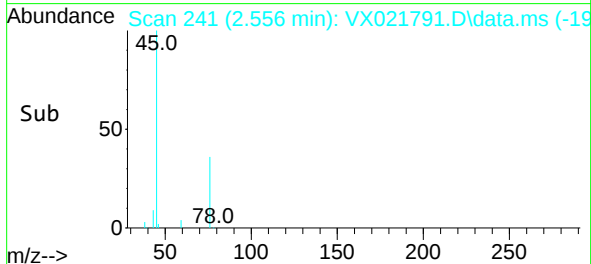
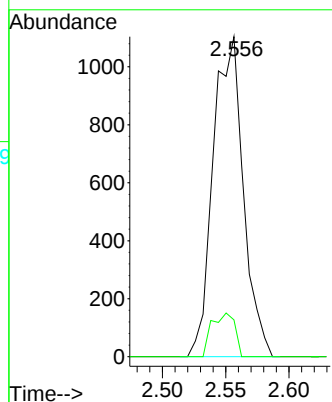
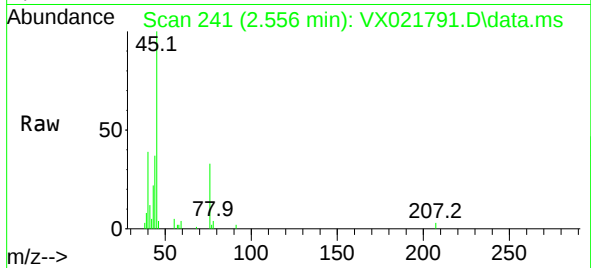




#17
Carbon Disulfide
Concen: 0.44 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.006 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

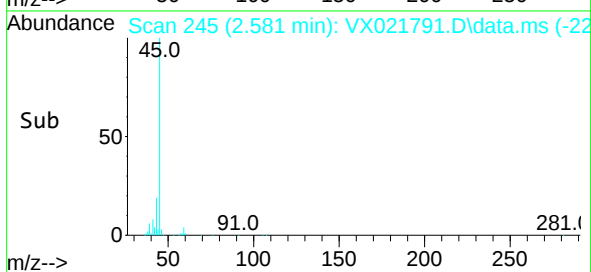
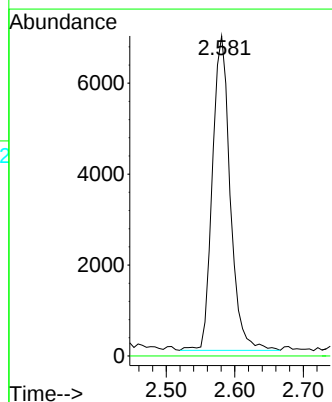
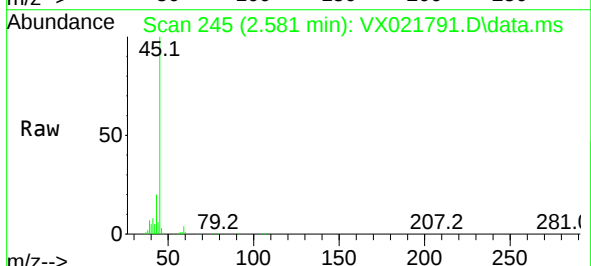
Instrument :
MSVOA_X
ClientSampled :

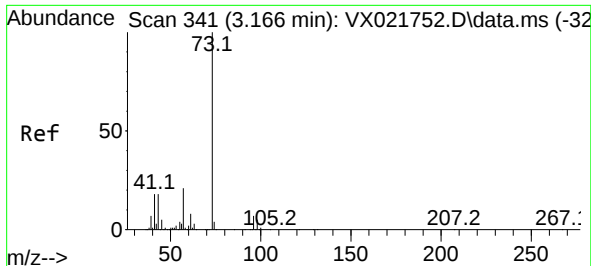
Tgt Ion: 76 Resp: 1828
Ion Ratio Lower Upper
76 100
78 11.5 7.2 10.8#



#18
Methyl Acetate
Concen: 7.46 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.170 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 43 Resp: 12532
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

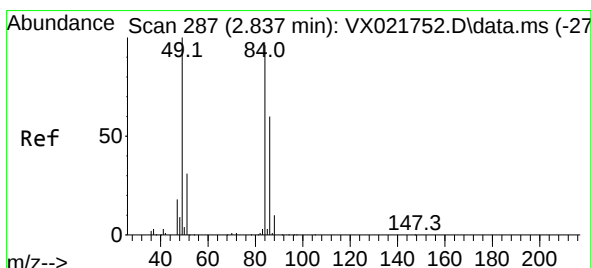
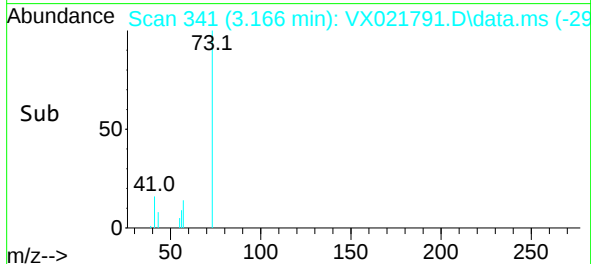
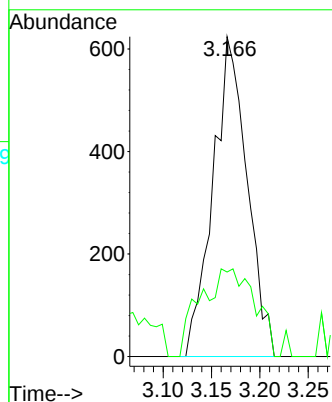
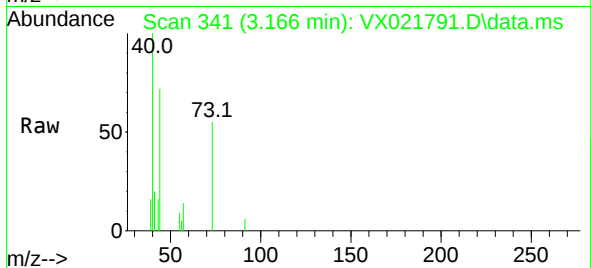




#19
Methyl tert-butyl Ether
Concen: 0.30 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.000 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

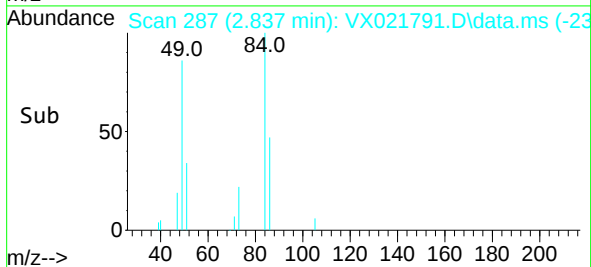
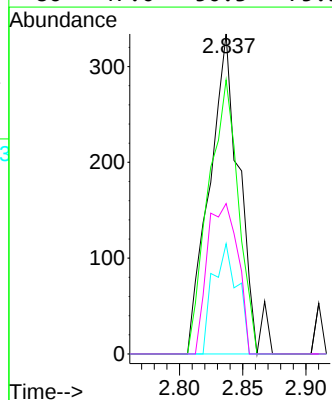
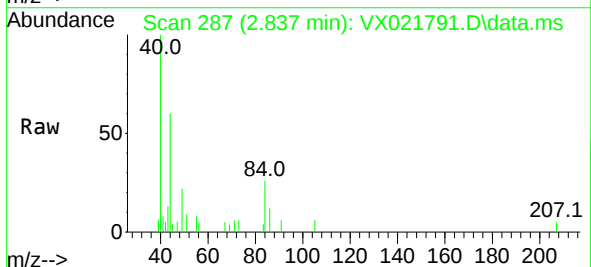
Instrument :
MSVOA_X
ClientSampled :

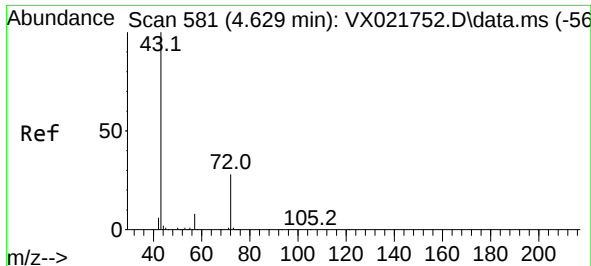
Tgt Ion: 73 Resp: 1534
Ion Ratio Lower Upper
73 100
57 26.4 17.1 25.7#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 84 Resp: 553
Ion Ratio Lower Upper
84 100
49 85.6 88.6 132.8#
51 34.4 27.0 40.6
86 47.0 50.3 75.5#

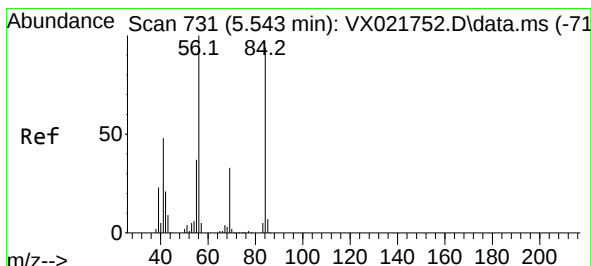
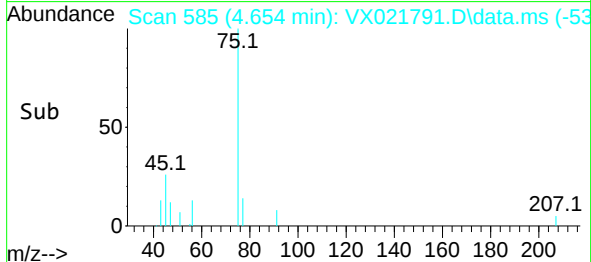
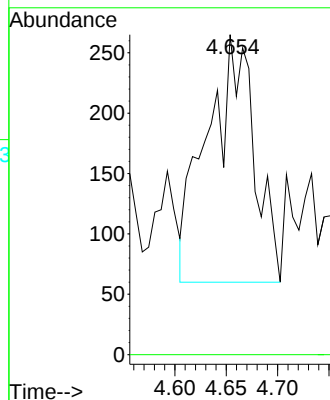
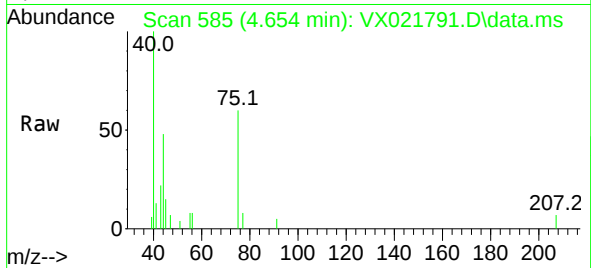




#25
2-Butanone
Concen: 0.62 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.025 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

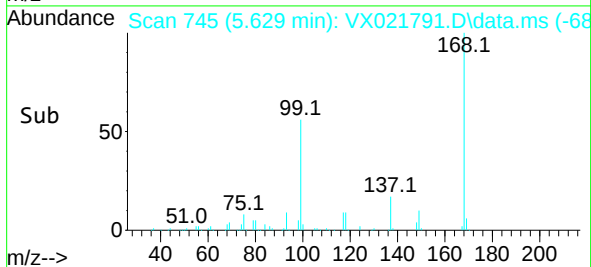
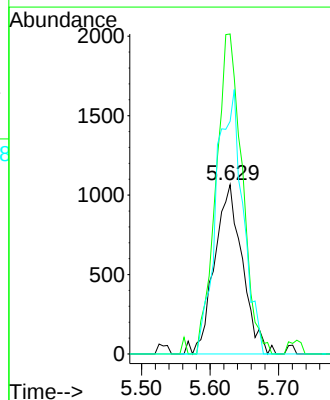
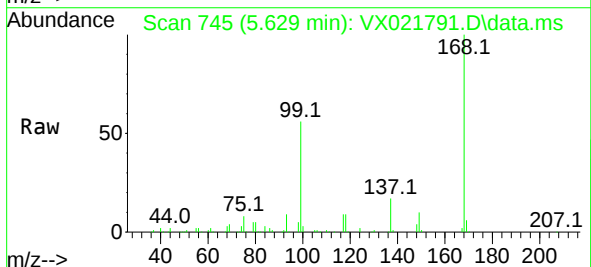
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MSVOA_X
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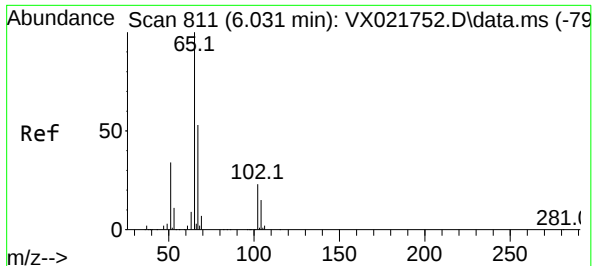
Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 56 Resp: 3010
Ion Ratio Lower Upper
56 100
69 188.9 25.3 37.9#
84 137.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.86 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021791.D

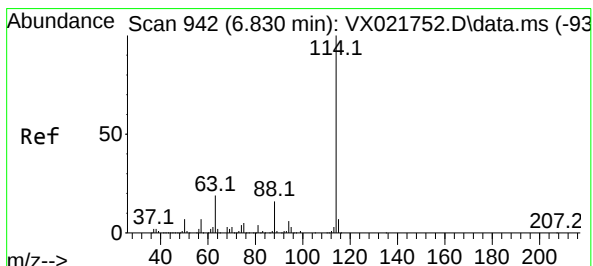
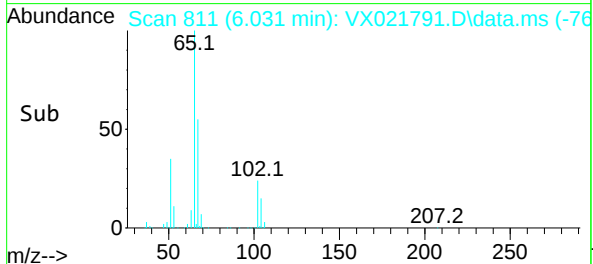
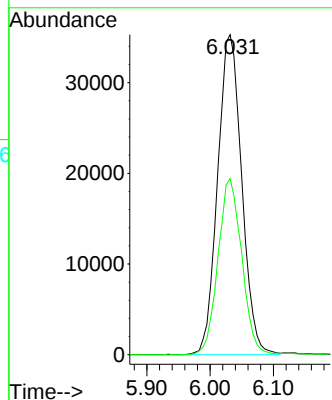
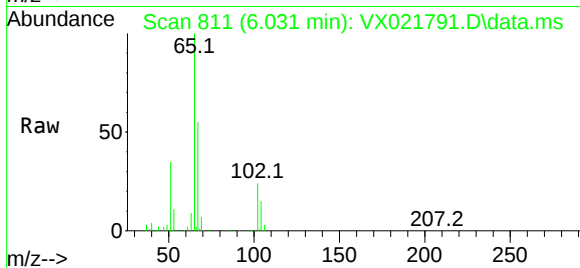
Acq: 21 Apr 2021 14:41

Tgt Ion: 65 Resp: 93336

Ion Ratio Lower Upper

65 100

67 54.2 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: VX021791.D

Acq: 21 Apr 2021 14:41

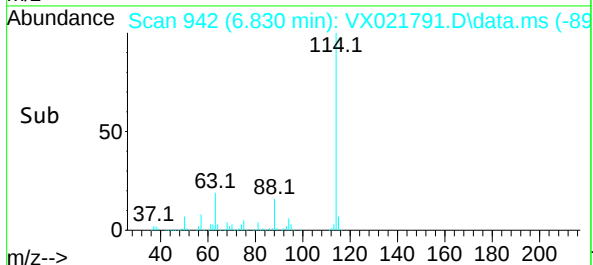
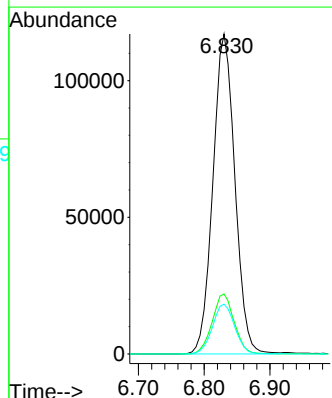
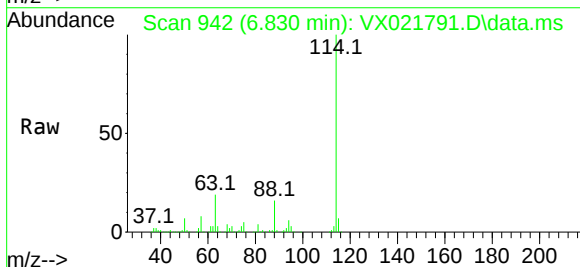
Tgt Ion: 114 Resp: 272115

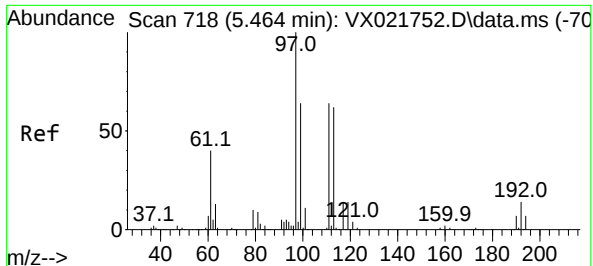
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.8

88 15.5 0.0 32.8

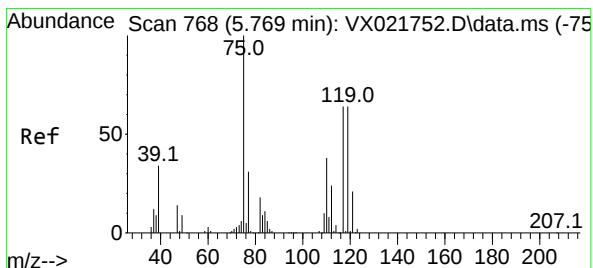
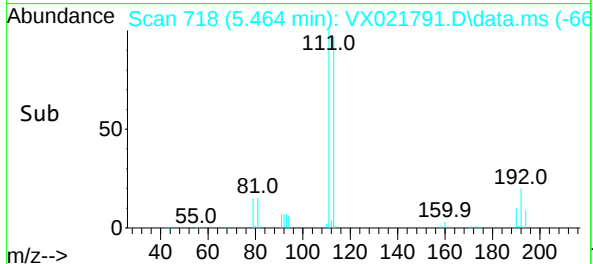
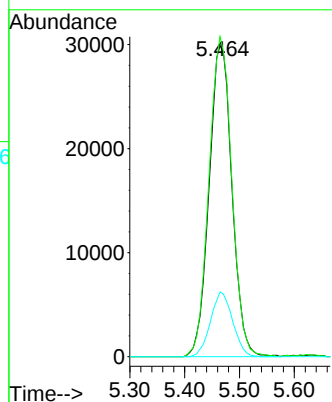
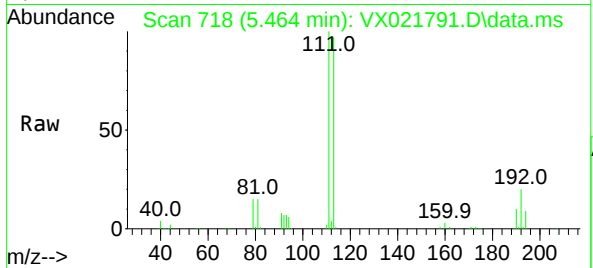




#35
Dibromofluoromethane
Concen: 49.85 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

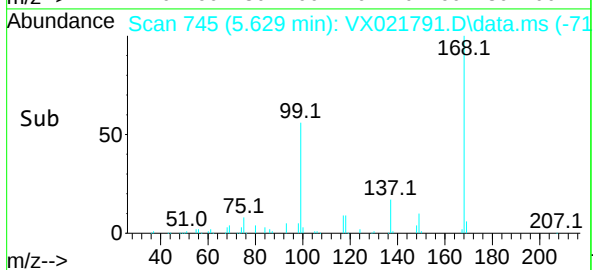
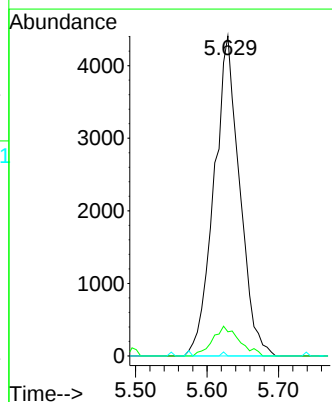
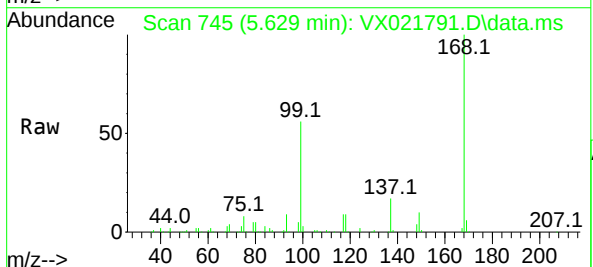
Instrument :
MSVOA_X
ClientSampleId :

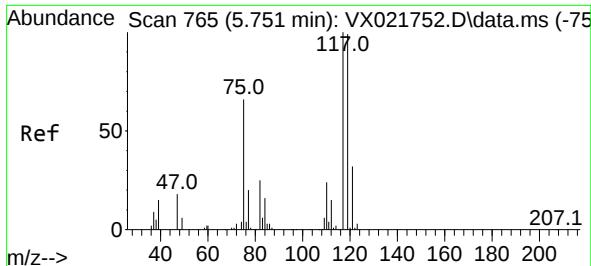
Tgt Ion:113 Resp: 86755
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

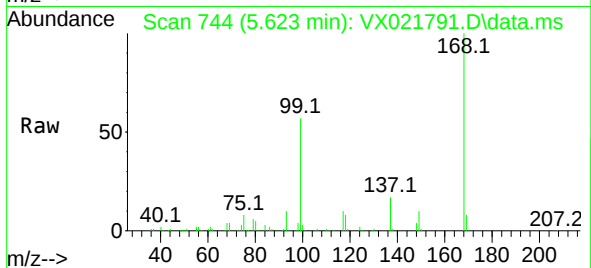
Tgt Ion: 75 Resp: 10993
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.2 25.3 37.9#



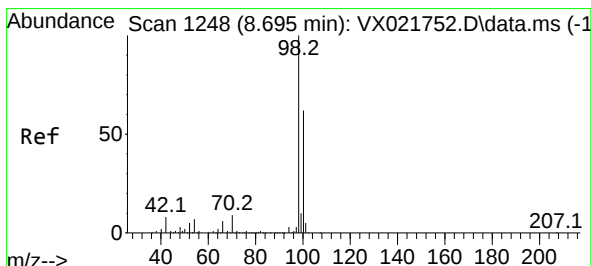
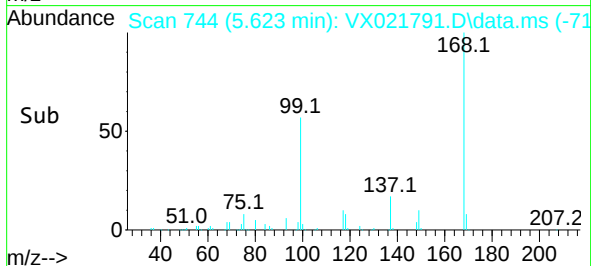
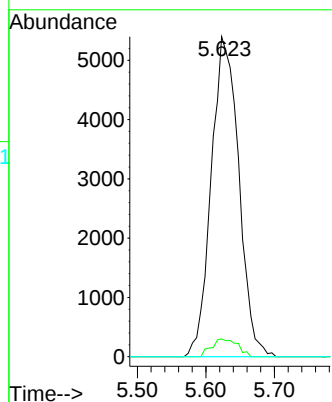


#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Instrument :
MSVOA_X
ClientSampled :

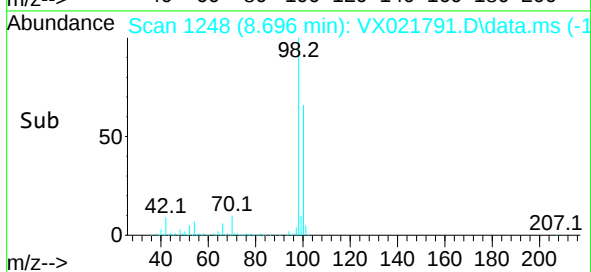
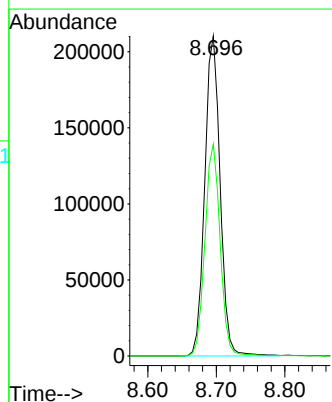
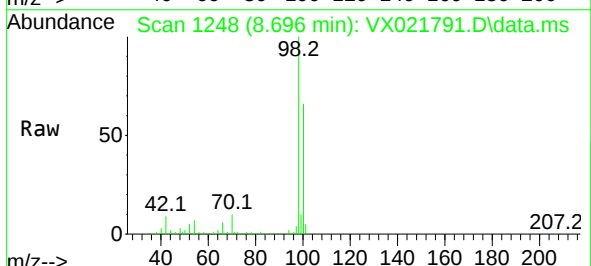


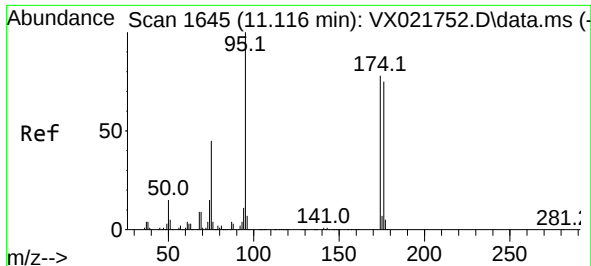
Tgt Ion: 117 Resp: 15063
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 98 Resp: 329055
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

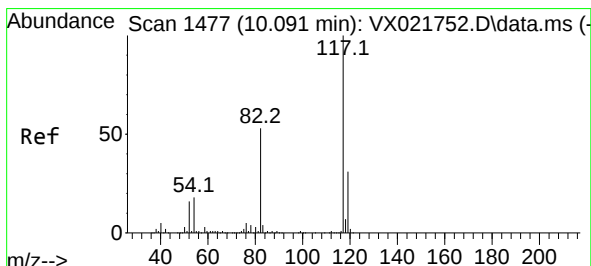
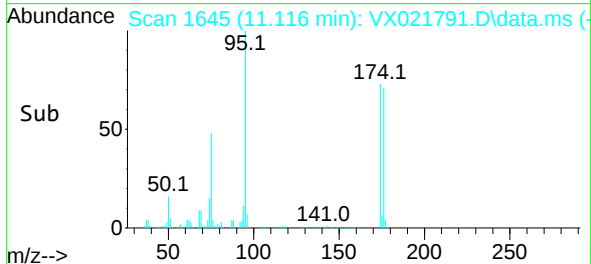
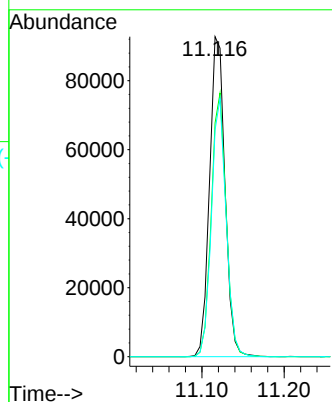
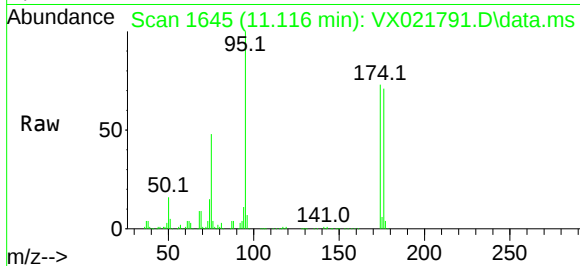




#62
4-Bromofluorobenzene
Concen: 48.39 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

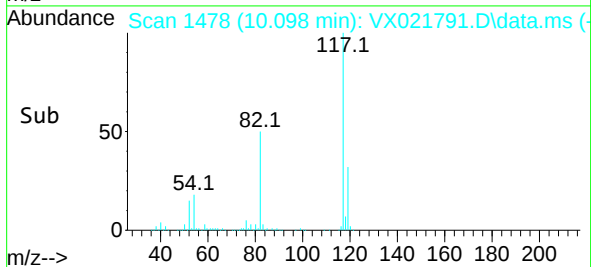
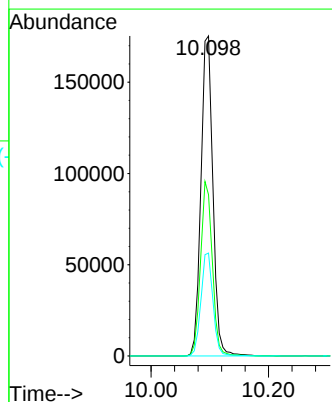
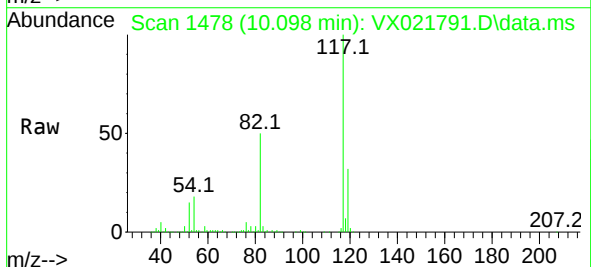
Instrument :
MSVOA_X
ClientSampleId :

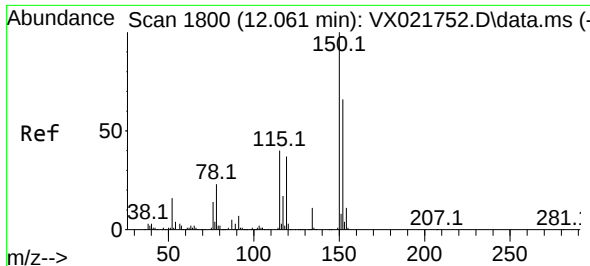
Tgt Ion: 95 Resp: 120901
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021791.D
Acq: 21 Apr 2021 14:41

Tgt Ion: 117 Resp: 248261
Ion Ratio Lower Upper
117 100
82 50.4 47.4 71.2
119 32.1 26.6 39.8

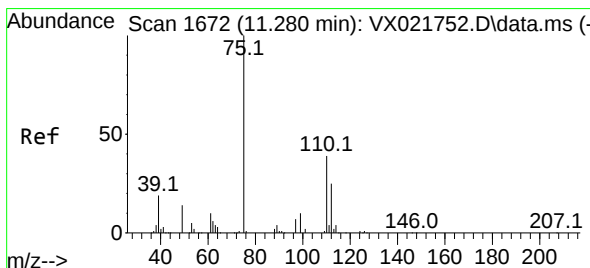
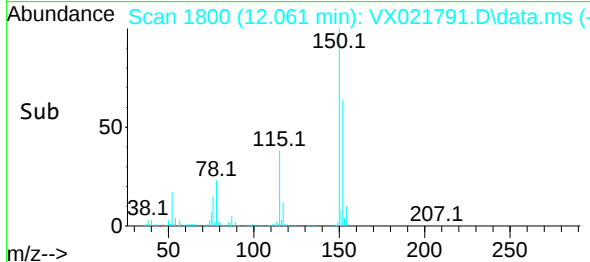
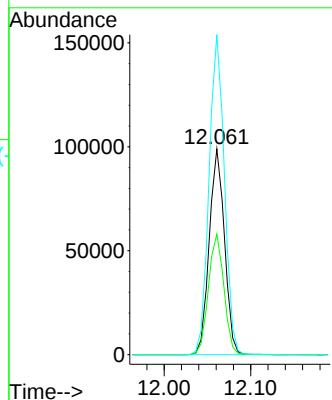
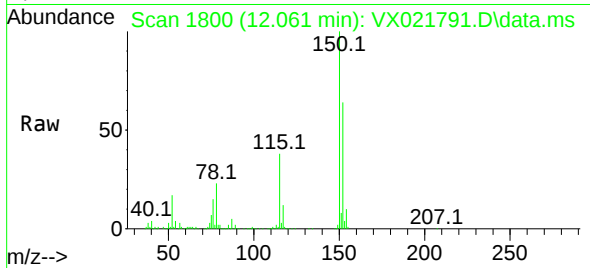




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021791.D
 Acq: 21 Apr 2021 14:41

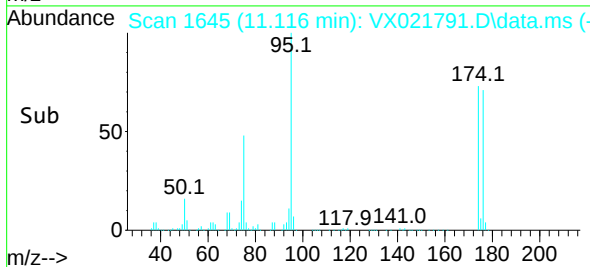
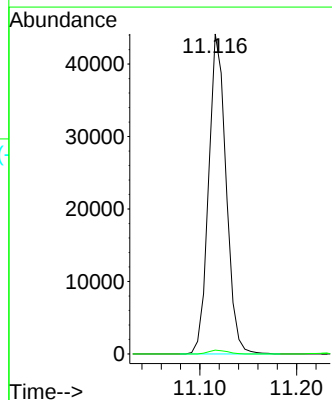
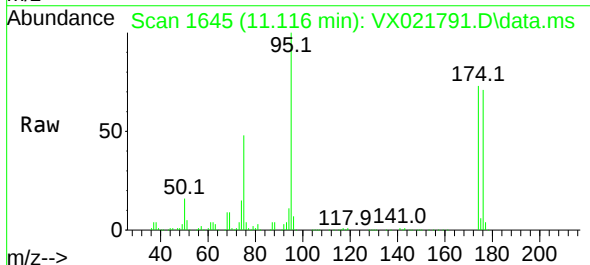
Instrument :
 MSVOA_X
 ClientSampleId :

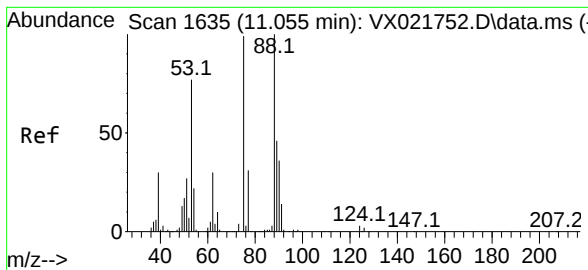
Tgt Ion:152 Resp: 121247
 Ion Ratio Lower Upper
 152 100
 115 59.1 41.1 123.3
 150 156.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.07 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021791.D
 Acq: 21 Apr 2021 14:41

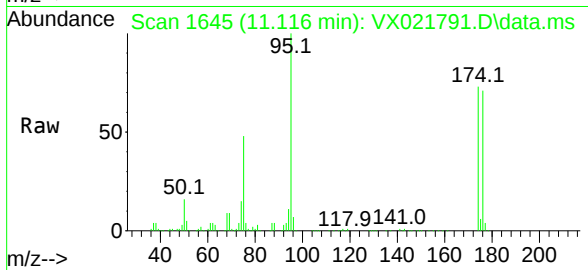
Tgt Ion: 75 Resp: 55479
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.06 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021791.D
 Acq: 21 Apr 2021 14:41

Instrument :
 MSVOA_X
 ClientSampleId :



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

