

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021216.D
 Acq On : 15 Mar 2021 22:24
 Operator : JC/MD
 Sample : VX0315WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 03:07:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

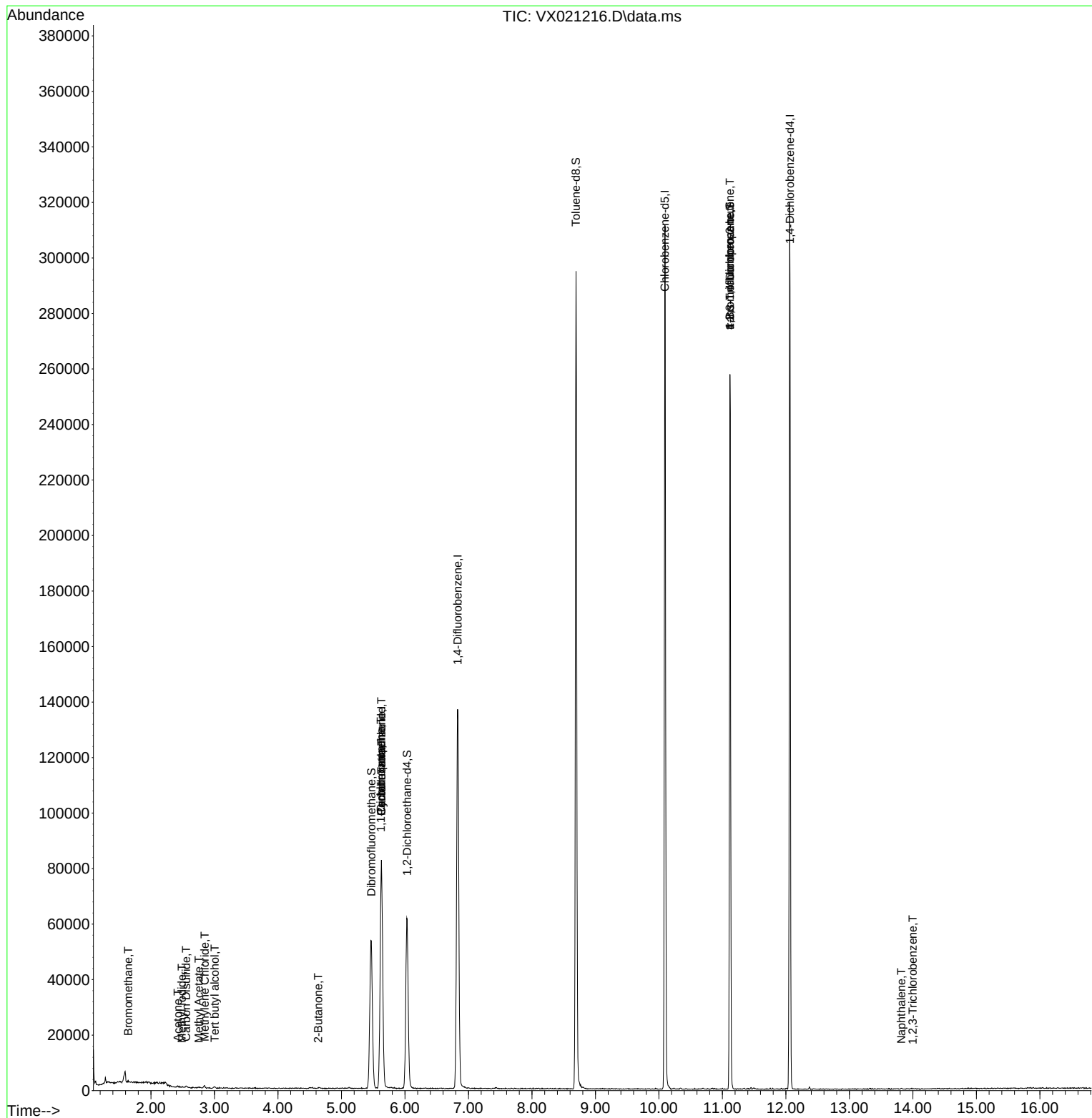
Internal Standards						
1) Pentafluorobenzene	5.629	168	68673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	128989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	126480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	58963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	60307	51.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.00%	
35) Dibromofluoromethane	5.470	113	45244	50.98	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.96%	
50) Toluene-d8	8.694	98	162887	51.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.18%	
62) 4-Bromofluorobenzene	11.118	95	67645	55.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 111.36%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	206	0.41	ug/l	93
10) Methyl Iodide	2.487	142	256	0.26	ug/l #	90
11) Tert butyl alcohol	3.005	59	226	1.11	ug/l #	73
16) Acetone	2.423	43	453	0.96	ug/l	91
17) Carbon Disulfide	2.552	76	531	0.24	ug/l #	93
18) Methyl Acetate	2.752	43	478	0.42	ug/l #	47
20) Methylene Chloride	2.846	84	386	0.43	ug/l #	93
25) 2-Butanone	4.635	43	184	0.27	ug/l #	45
31) Cyclohexane	5.629	56	2094	1.41	ug/l #	34
36) 1,1-Dichloropropene	5.623	75	6812	5.04	ug/l #	48
38) Carbon Tetrachloride	5.629	117	7730	5.21	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	38708	26.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	38708	75.14	ug/l #	12
95) Naphthalene	13.818	128	252	1.52	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.995	180	103	1.01	ug/l #	53

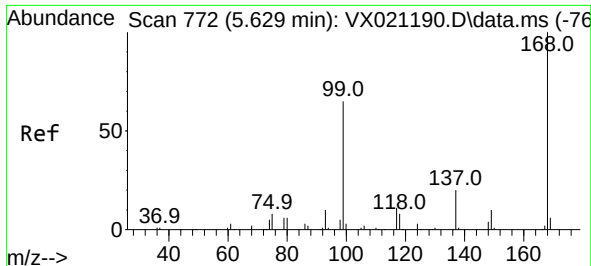
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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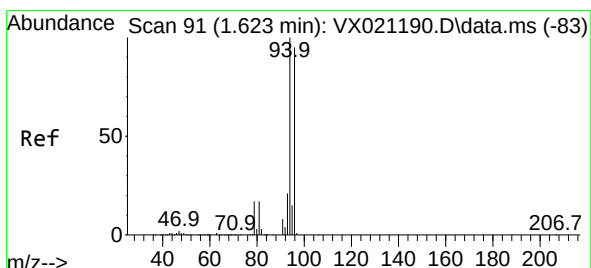
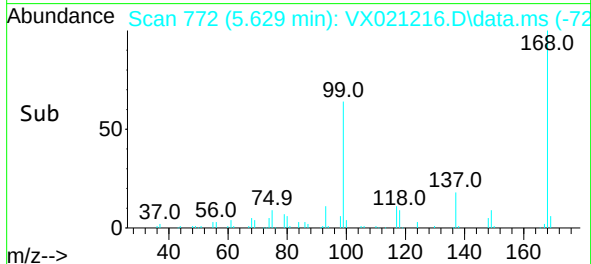
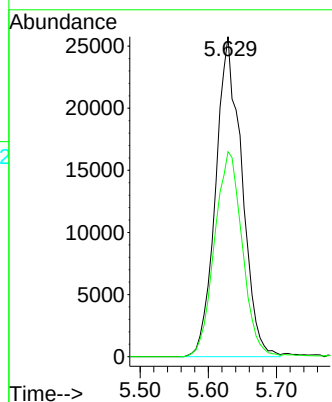
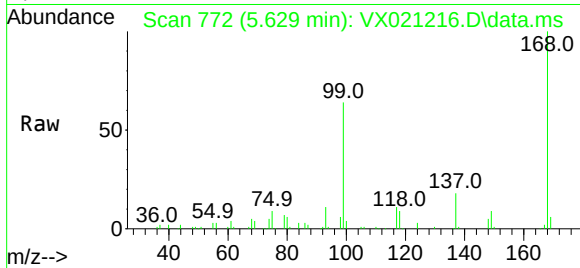




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

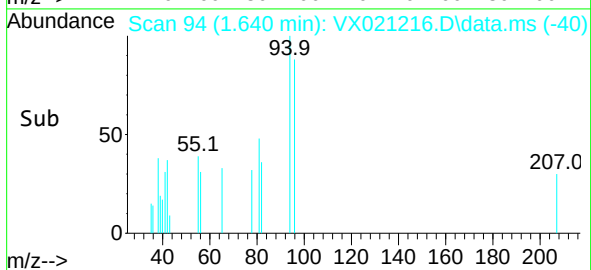
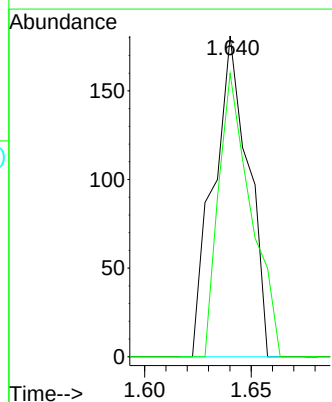
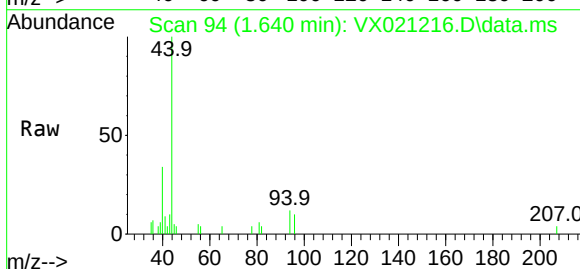
Instrument :
MSVOA_X
ClientSampleId :

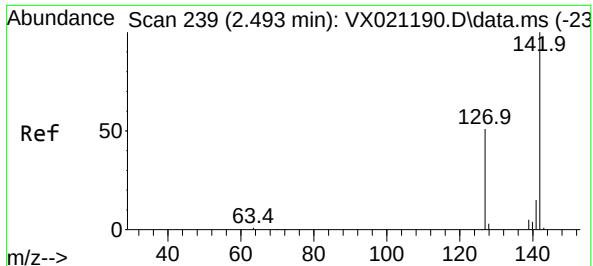
Tgt Ion:168 Resp: 68673
Ion Ratio Lower Upper
168 100
99 64.0 45.8 68.6



#5
Bromomethane
Concen: 0.41 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

Tgt Ion: 94 Resp: 206
Ion Ratio Lower Upper
94 100
96 88.4 76.4 114.6





#10

Methyl Iodide

Concen: 0.26 ug/l

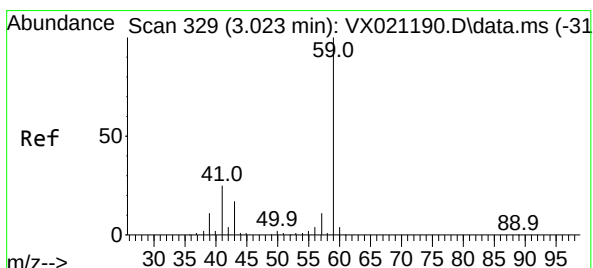
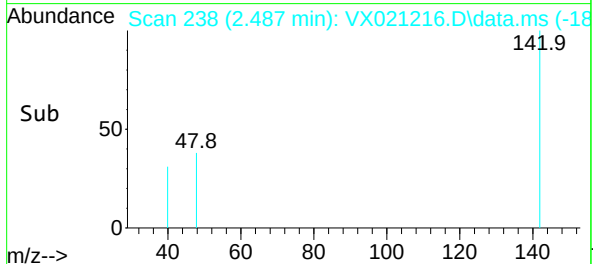
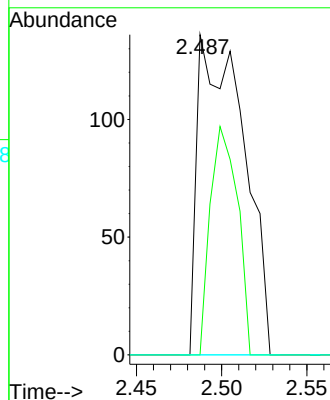
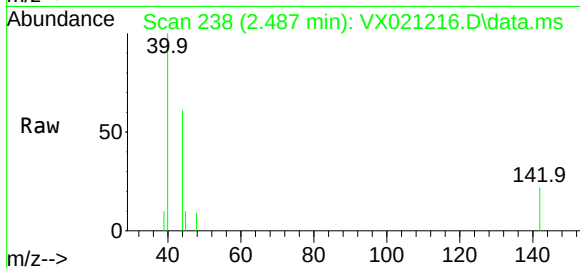
RT: 2.487 min Scan# 238

Delta R.T. -0.000 min

Lab File: VX021216.D

Acq: 15 Mar 2021 22:24

Tgt Ion:	142	Resp:	256
Ion	Ratio	Lower	Upper
142	100		
127	42.2	33.3	49.9
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 1.11 ug/l

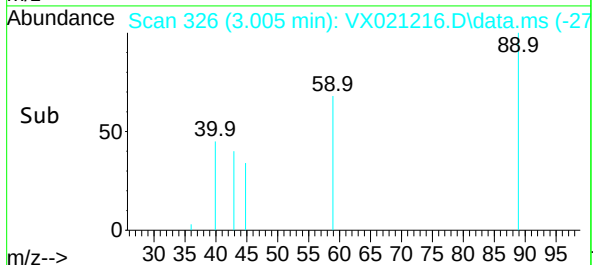
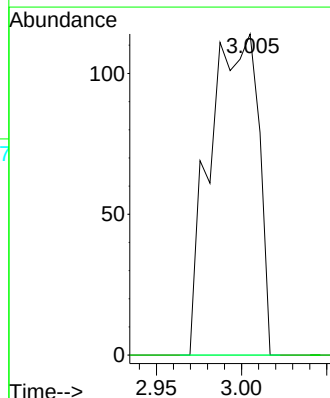
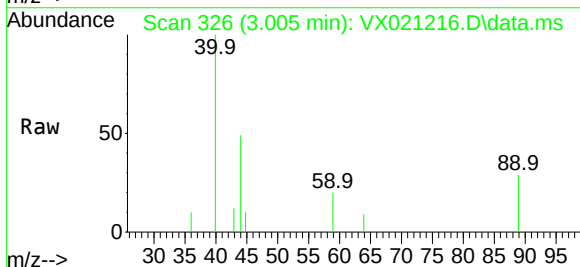
RT: 3.005 min Scan# 326

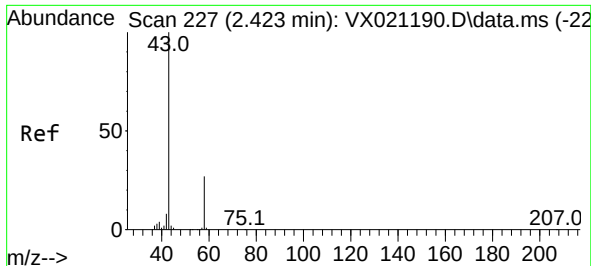
Delta R.T. -0.012 min

Lab File: VX021216.D

Acq: 15 Mar 2021 22:24

Tgt Ion:	59	Resp:	226
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

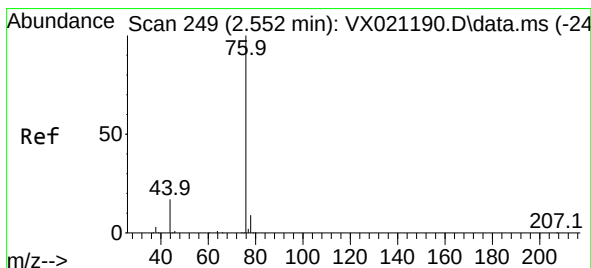
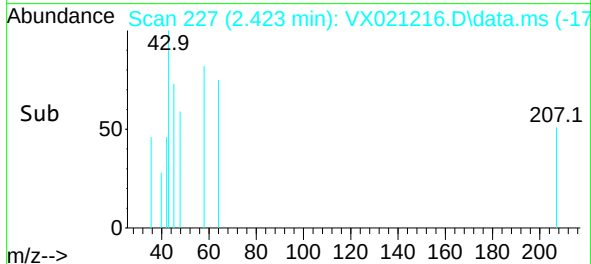
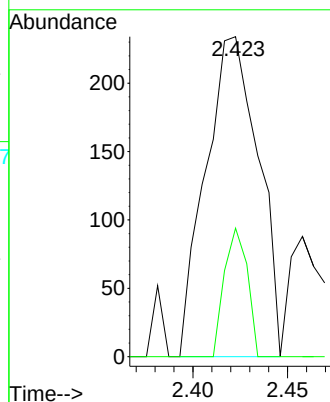
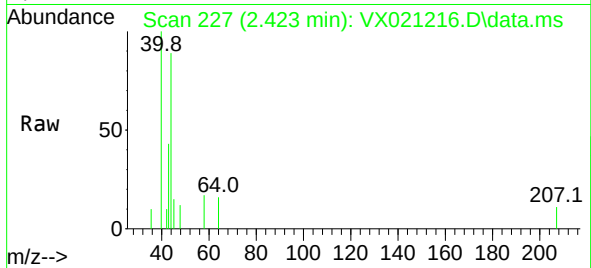




#16
Acetone
Concen: 0.96 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

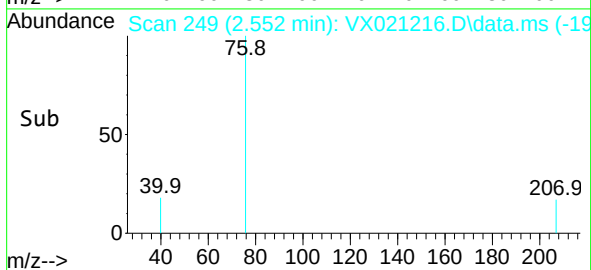
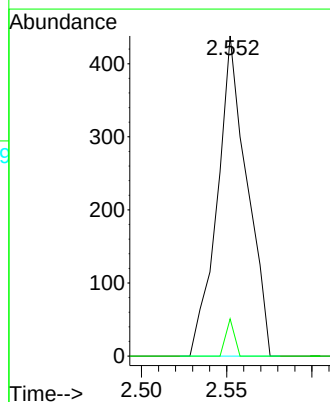
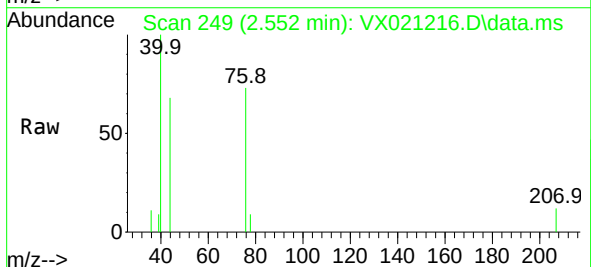
Instrument :
MSVOA_X
ClientSampled :

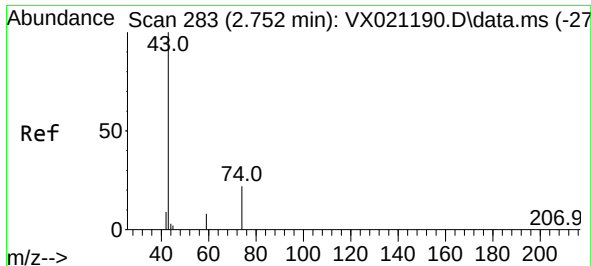
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 40.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

Tgt Ion: 76 Resp: 531
Ion Ratio Lower Upper
76 100
78 11.6 7.2 10.8#





#18

Methyl Acetate

Concen: 0.42 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021216.D

Acq: 15 Mar 2021 22:24

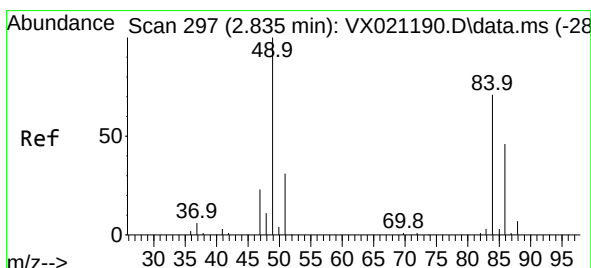
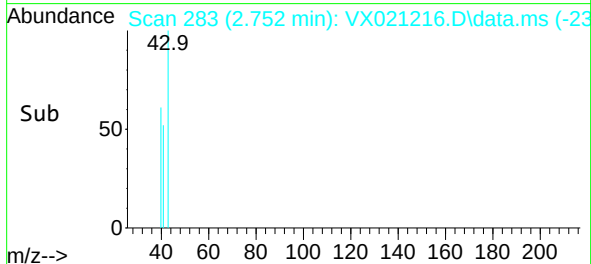
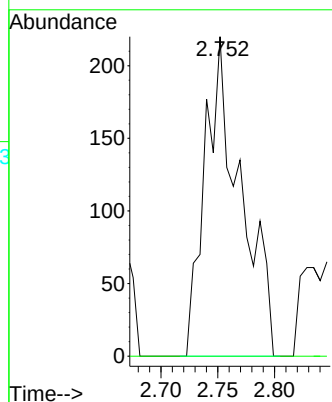
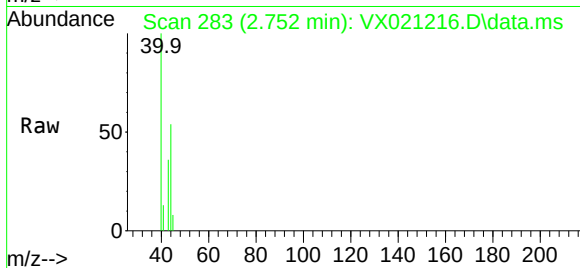
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 478

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.43 ug/l

RT: 2.846 min Scan# 299

Delta R.T. 0.012 min

Lab File: VX021216.D

Acq: 15 Mar 2021 22:24

Tgt Ion: 84 Resp: 386

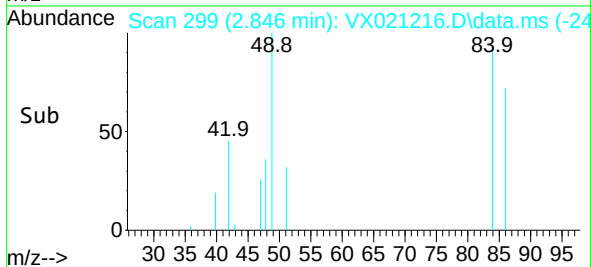
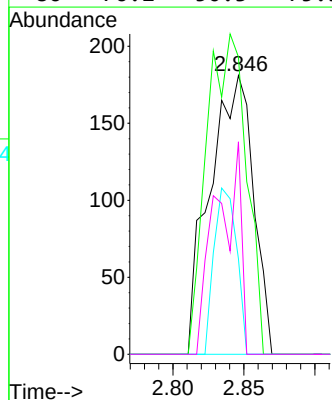
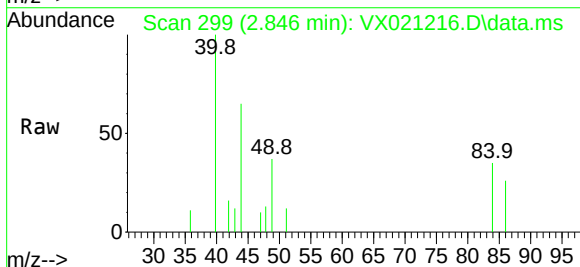
Ion Ratio Lower Upper

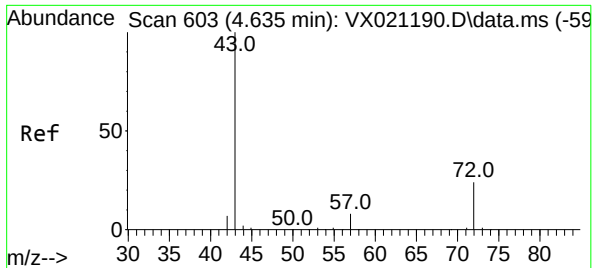
84 100

49 106.6 88.6 132.8

51 34.3 27.0 40.6

86 76.2 50.3 75.5#

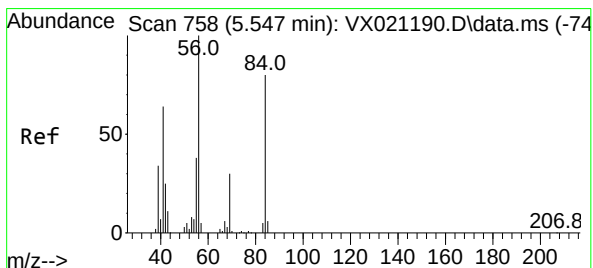
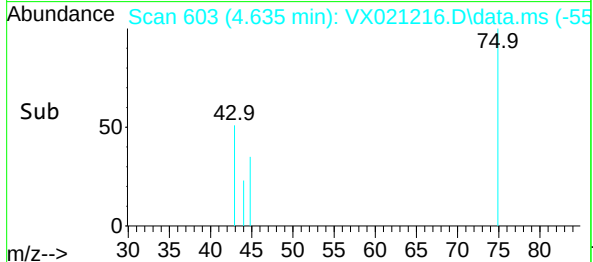
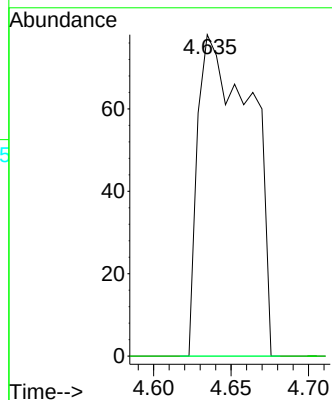
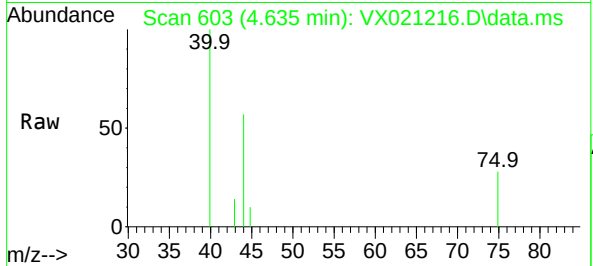




#25
2-Butanone
Concen: 0.27 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

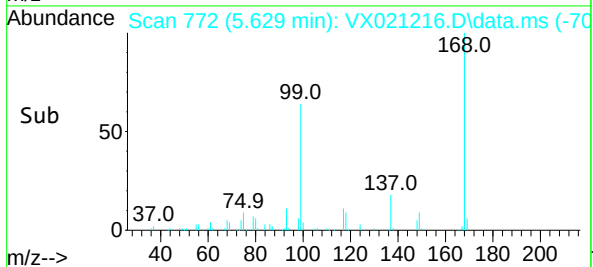
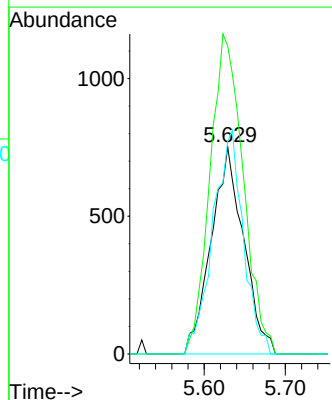
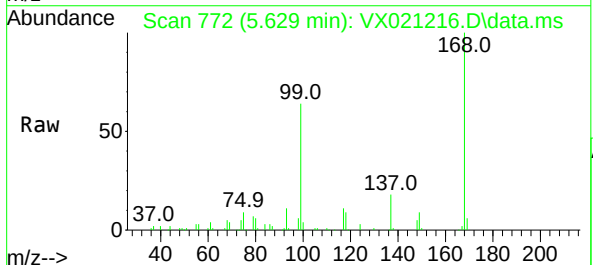
Instrument :
MSVOA_X
ClientSampleId :

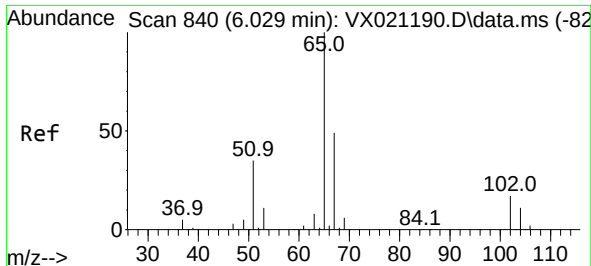
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

Tgt Ion: 56 Resp: 2094
Ion Ratio Lower Upper
56 100
69 148.9 25.3 37.9#
84 102.8 71.4 107.0

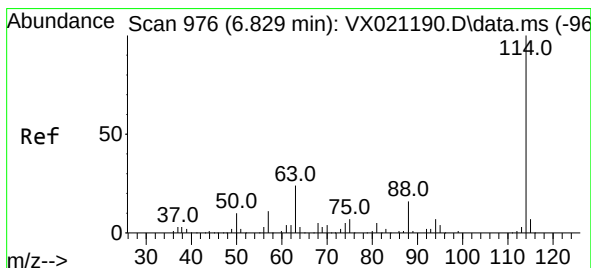
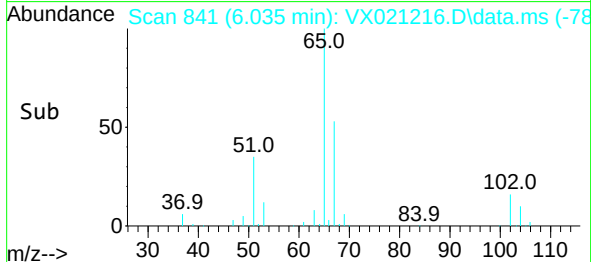
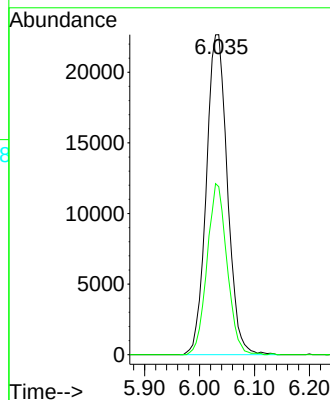
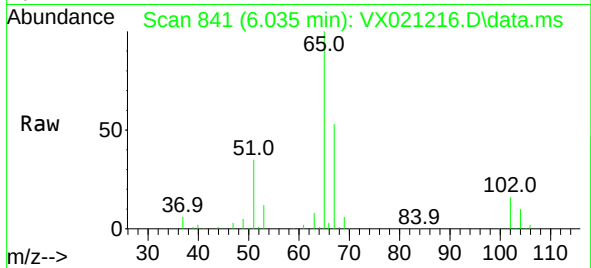




#33
1,2-Dichloroethane-d4
Concen: 51.50 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

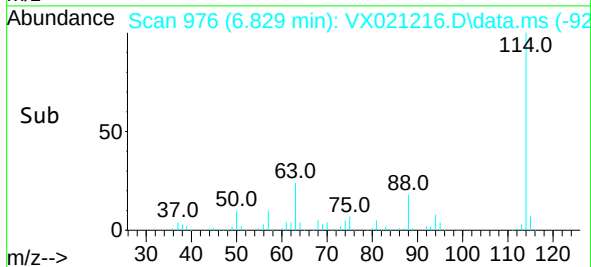
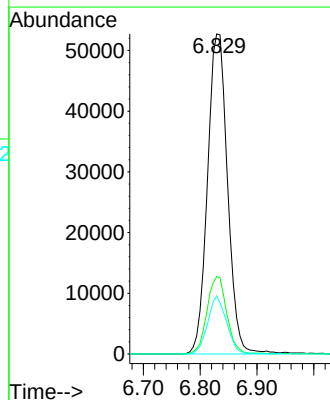
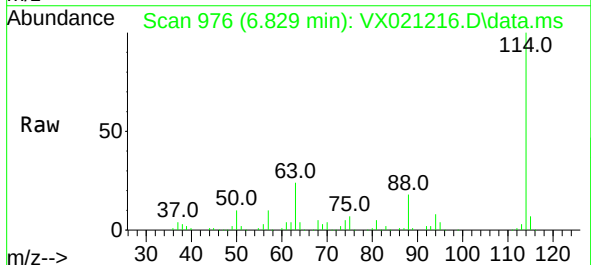
Instrument :
MSVOA_X
ClientSampled :

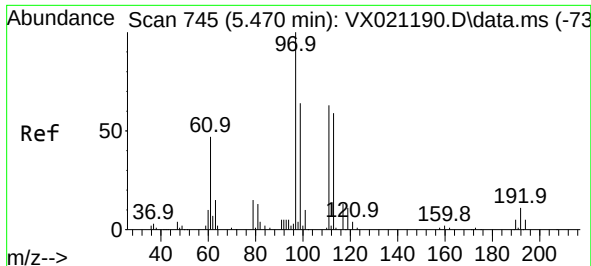
Tgt Ion: 65 Resp: 60307
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

Tgt Ion:114 Resp: 128989
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 18.1 0.0 32.8

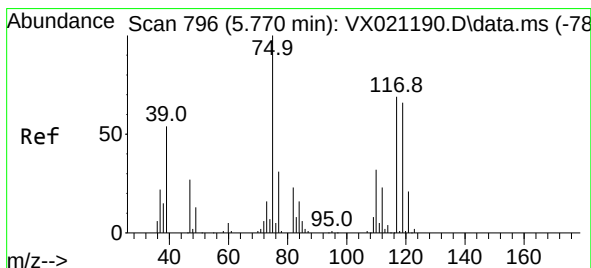
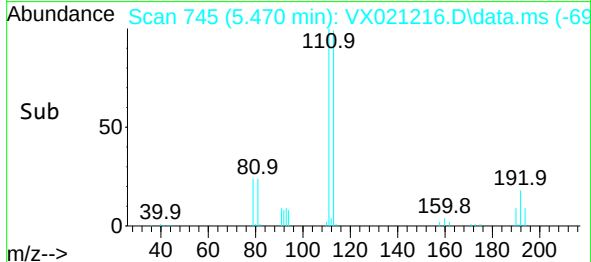
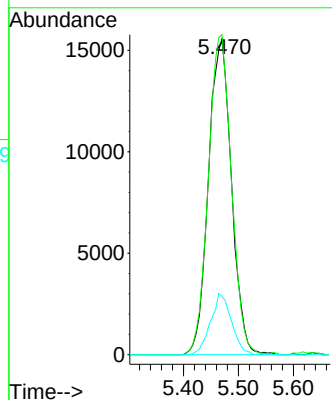
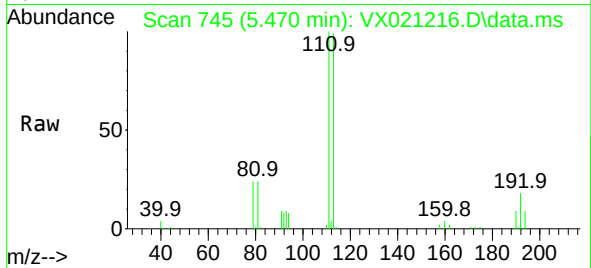




#35
Dibromofluoromethane
Concen: 50.98 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

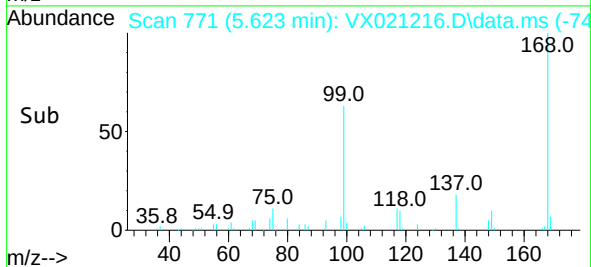
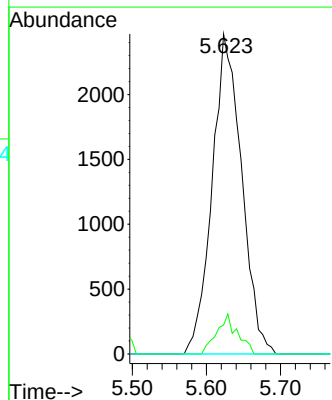
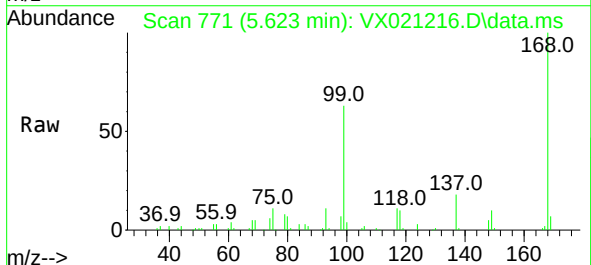
Instrument :
MSVOA_X
ClientSampleId :

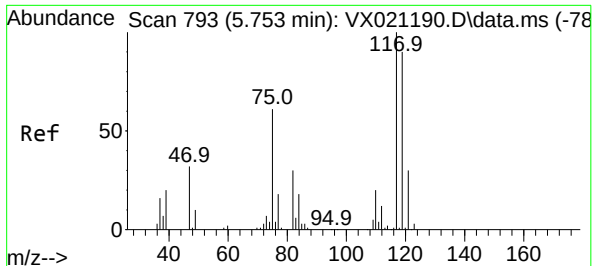
Tgt Ion:113 Resp: 45244
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 17.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

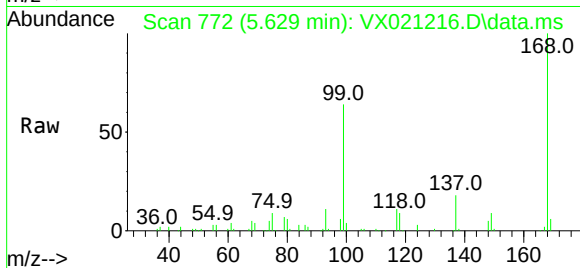
Tgt Ion: 75 Resp: 6812
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



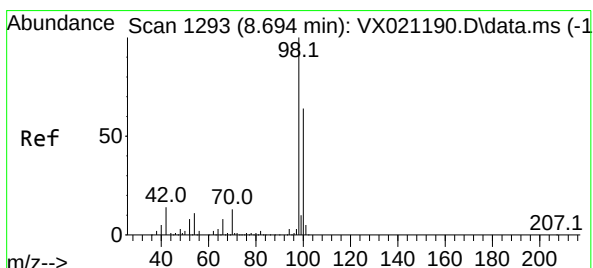
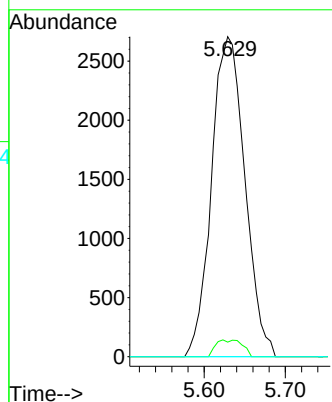
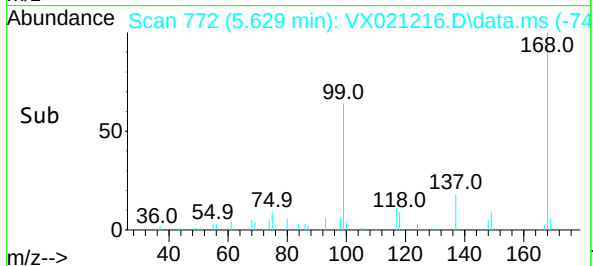


#38
Carbon Tetrachloride
Concen: 5.21 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

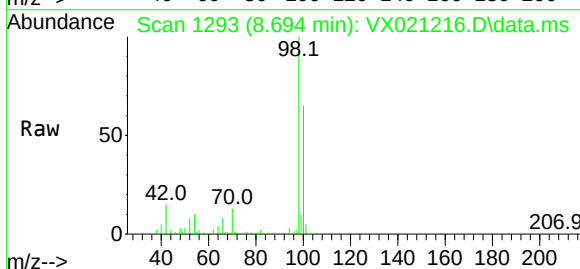
Instrument :
MSVOA_X
ClientSampled :



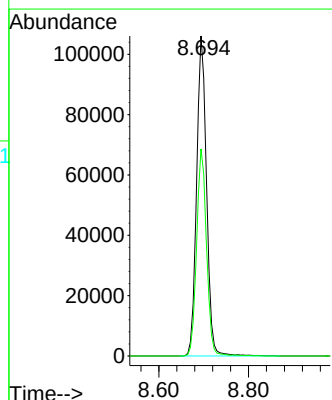
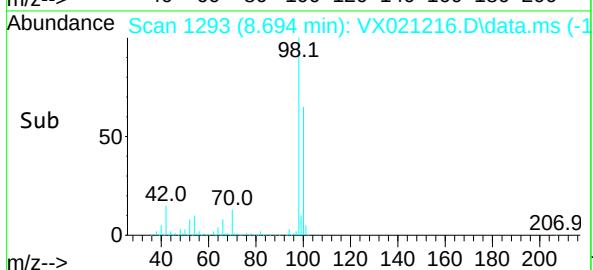
Tgt Ion:117 Resp: 7730
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

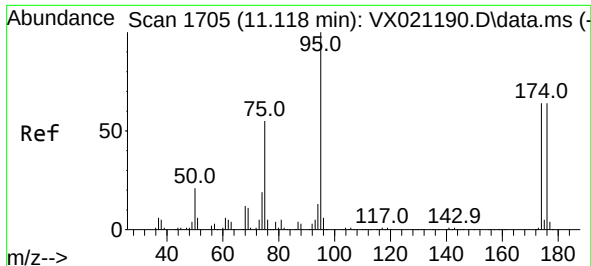


#50
Toluene-d8
Concen: 51.09 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24



Tgt Ion: 98 Resp: 162887
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

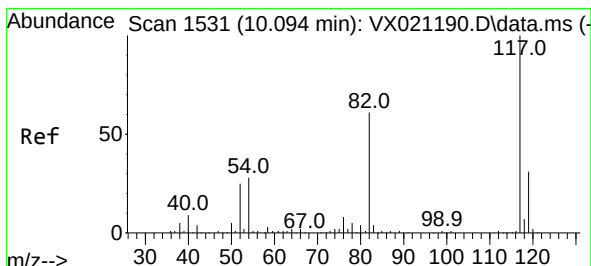
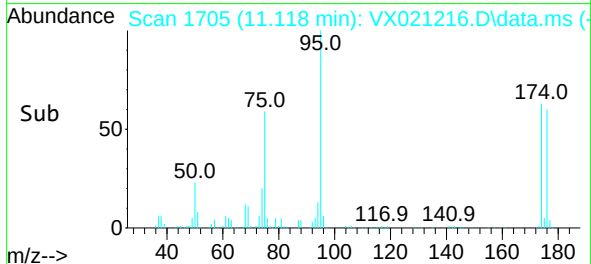
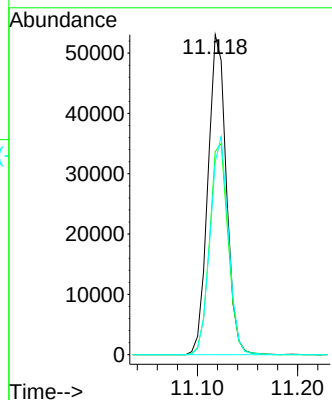
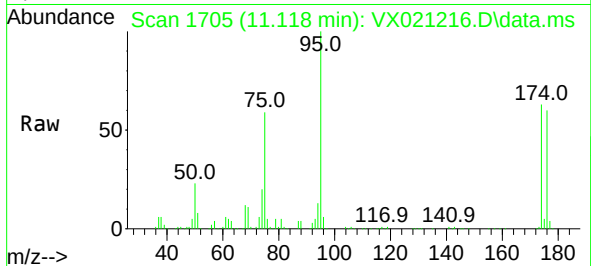




#62
4-Bromofluorobenzene
Concen: 55.68 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

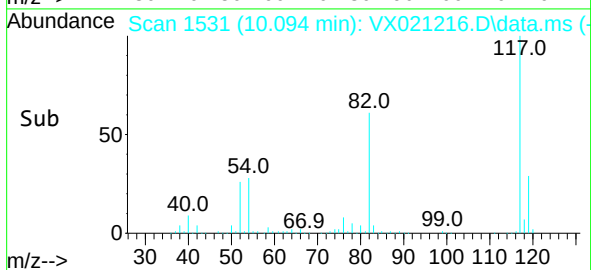
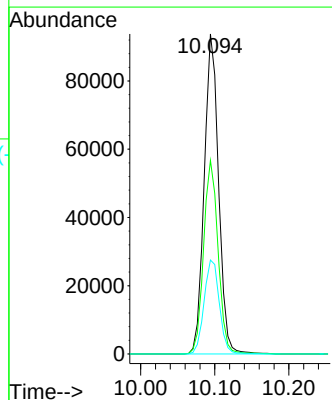
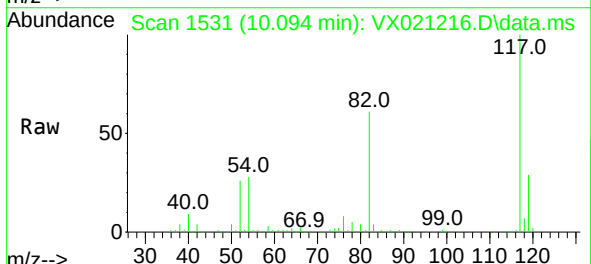
Instrument :
MSVOA_X
ClientSampleId :

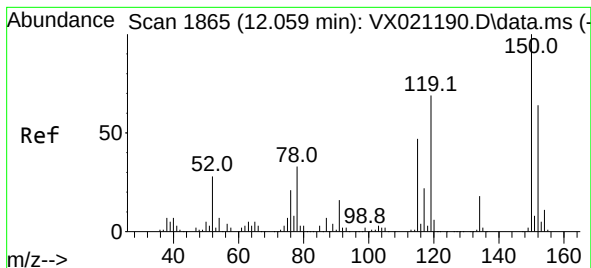
Tgt Ion: 95 Resp: 67645
Ion Ratio Lower Upper
95 100
174 67.1 0.0 154.6
176 67.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

Tgt Ion: 117 Resp: 126480
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 29.3 26.6 39.8

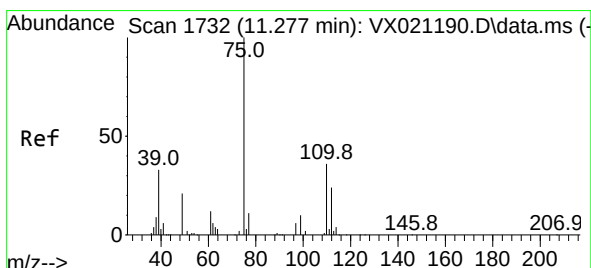
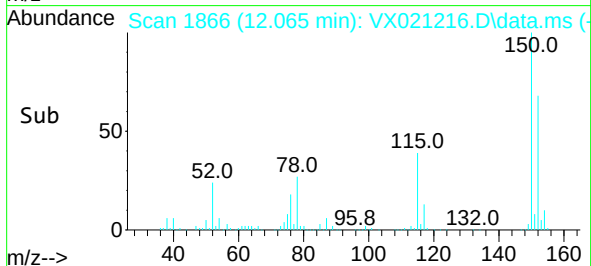
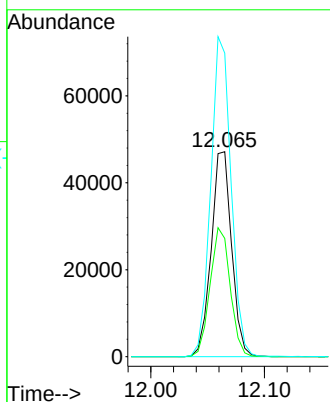
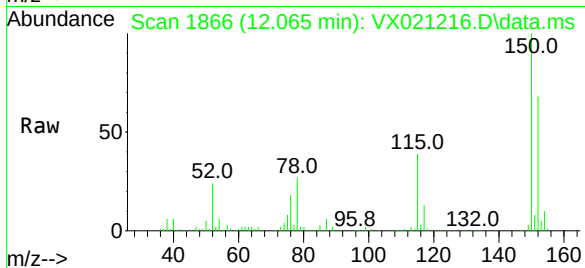




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. -0.000 min
 Lab File: VX021216.D
 Acq: 15 Mar 2021 22:24

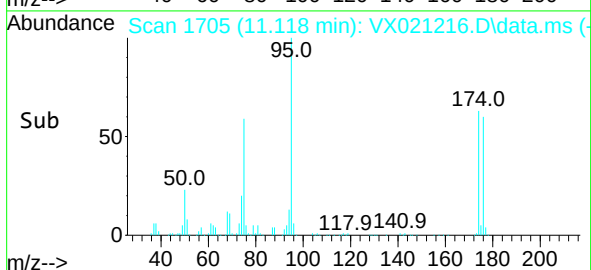
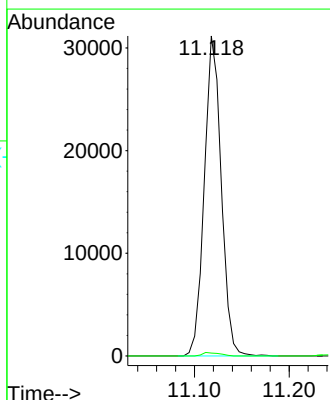
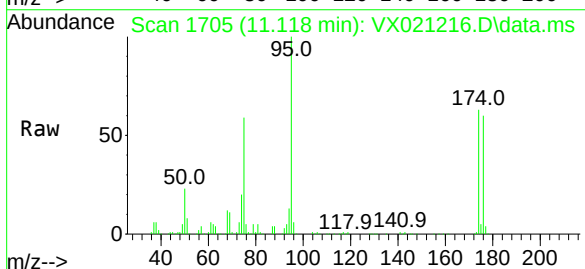
Instrument :
 MSVOA_X
 ClientSampled :

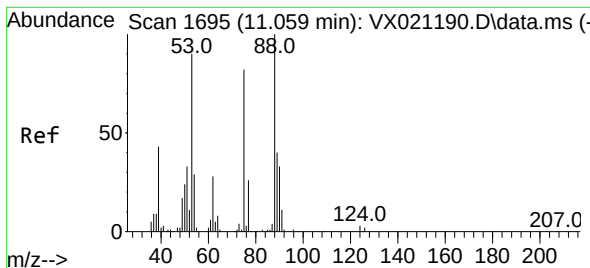
Tgt Ion:152 Resp: 58963
 Ion Ratio Lower Upper
 152 100
 115 61.9 41.1 123.3
 150 155.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.48 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021216.D
 Acq: 15 Mar 2021 22:24

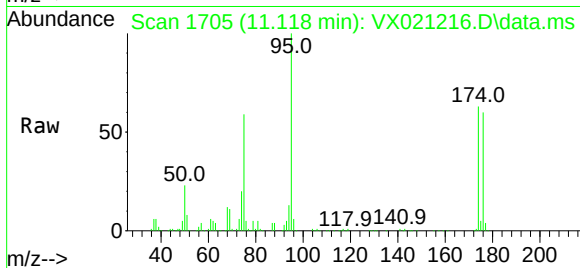
Tgt Ion: 75 Resp: 38708
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#



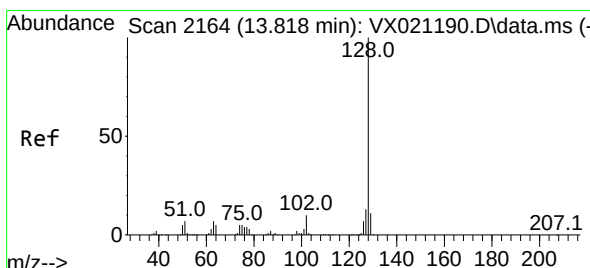
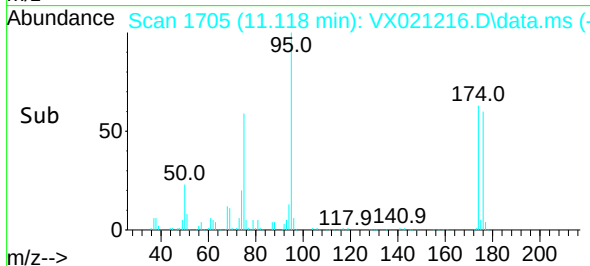
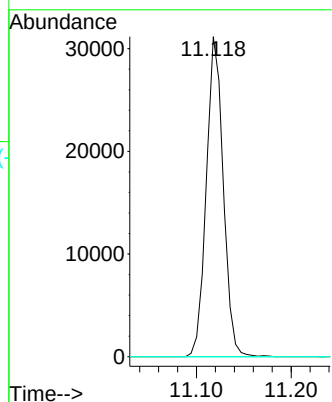


#81
trans-1,4-Dichloro-2-butene
Concen: 75.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

Instrument :
MSVOA_X
ClientSampleId :

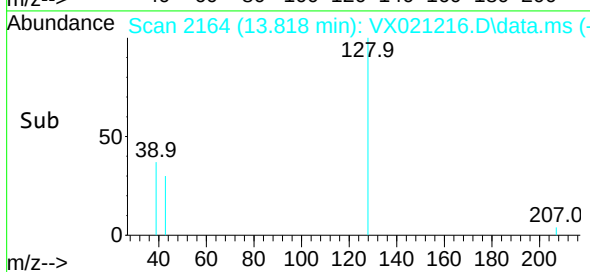
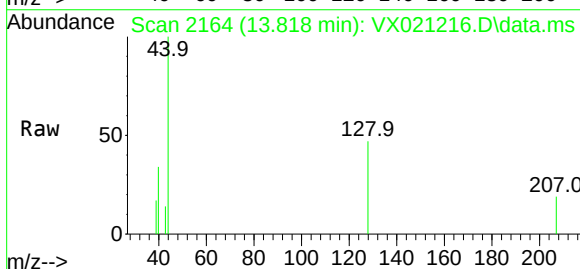
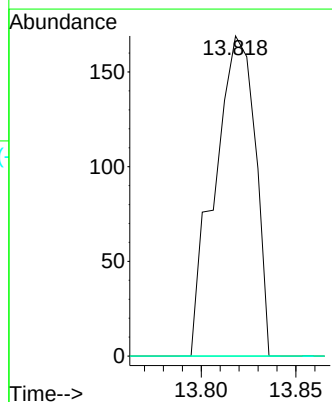


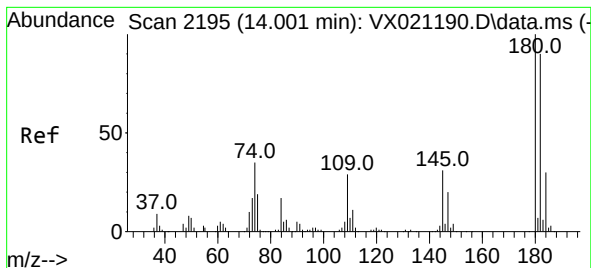
Tgt Ion: 75 Resp: 38708
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.52 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021216.D
Acq: 15 Mar 2021 22:24

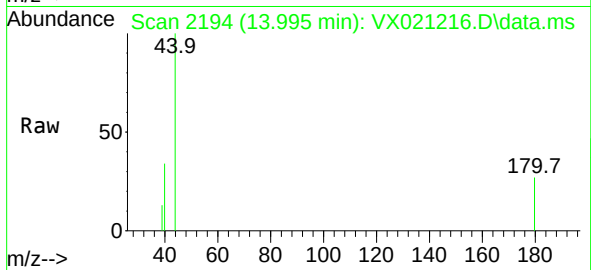
Tgt Ion: 128 Resp: 252
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.01 ug/l
 RT: 13.995 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: VX021216.D
 Acq: 15 Mar 2021 22:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180	Resp:	103
Ion	Ratio	Lower Upper
180	100	
182	53.4	47.6 142.9
145	0.0	16.1 48.3#

