

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021198.D
 Acq On : 15 Mar 2021 14:47
 Operator : JC/MD
 Sample : M1583-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 03:01:31 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)

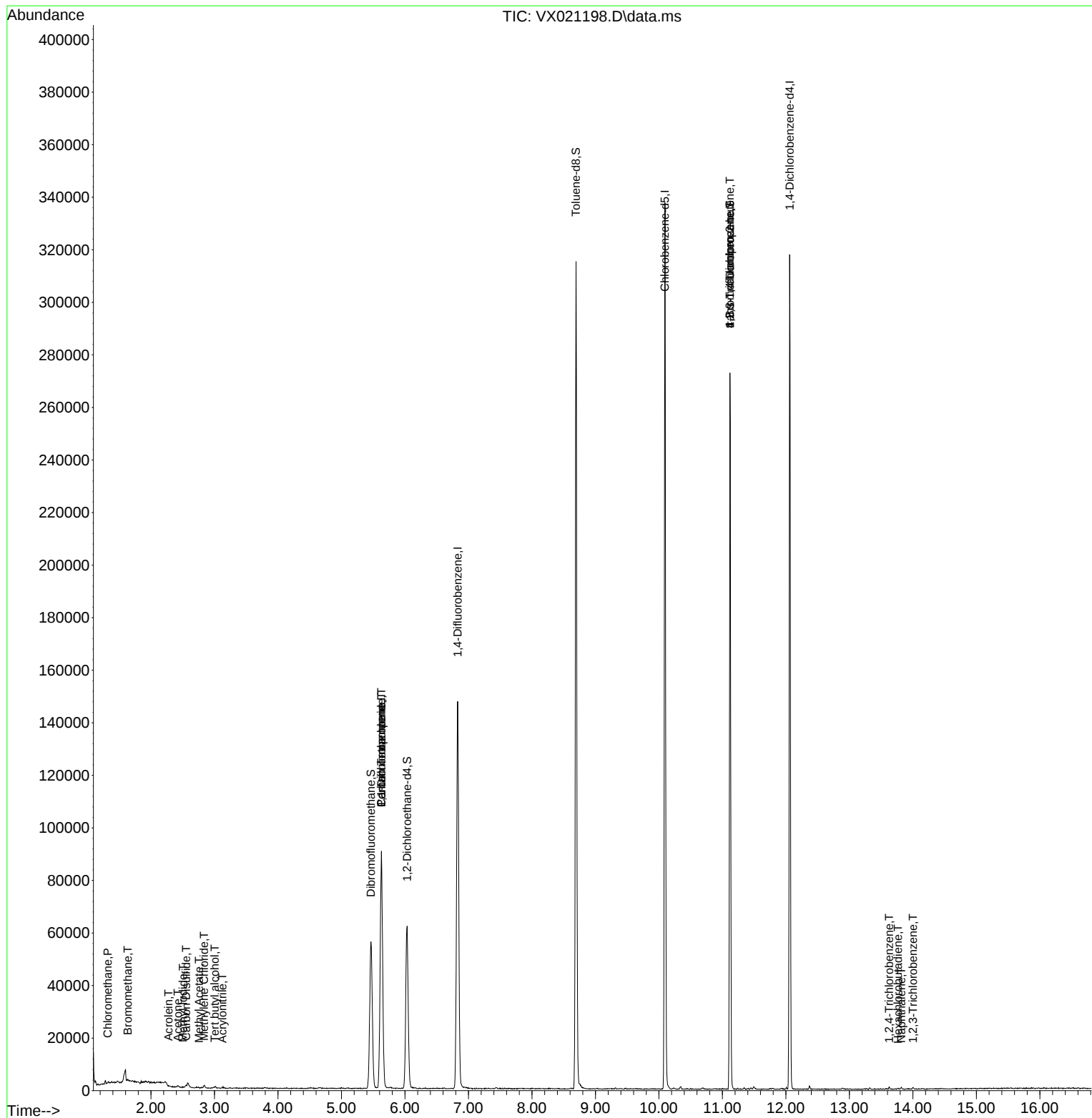
Internal Standards						
1) Pentafluorobenzene	5.629	168	75078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	136158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	135760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	62144	48.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.08%
35) Dibromofluoromethane	5.464	113	46488	49.62	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.24%
50) Toluene-d8	8.694	98	173215	51.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.94%
62) 4-Bromofluorobenzene	11.118	95	68911	53.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.48%
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	265	0.27	ug/l	95
5) Bromomethane	1.634	94	324	0.59	ug/l #	77
10) Methyl Iodide	2.505	142	456	0.42	ug/l #	82
11) Tert butyl alcohol	3.005	59	368	1.65	ug/l #	73
13) Acrolein	2.275	56	54	0.39	ug/l #	33
15) Acrylonitrile	3.123	53	184	0.37	ug/l #	29
16) Acetone	2.422	43	806	1.57	ug/l	94
17) Carbon Disulfide	2.552	76	937	0.39	ug/l #	94
18) Methyl Acetate	2.758	43	533	0.43	ug/l #	47
20) Methylene Chloride	2.834	84	333	0.34	ug/l #	89
36) 1,1-Dichloropropene	5.629	75	6992	4.90	ug/l #	49
38) Carbon Tetrachloride	5.629	117	8425	5.38	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	39856	27.18	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	39856	77.13	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.624	180	269	0.22	ug/l	87
94) Hexachlorobutadiene	13.765	225	113	0.22	ug/l #	65
95) Naphthalene	13.818	128	596	1.60	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.000	180	222	1.10	ug/l #	85

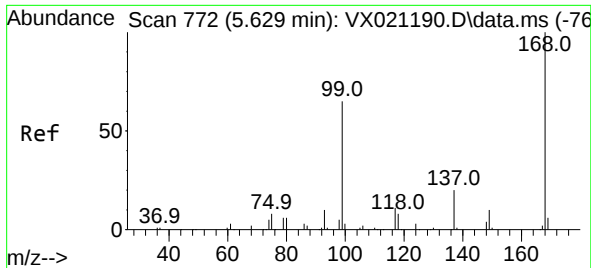
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

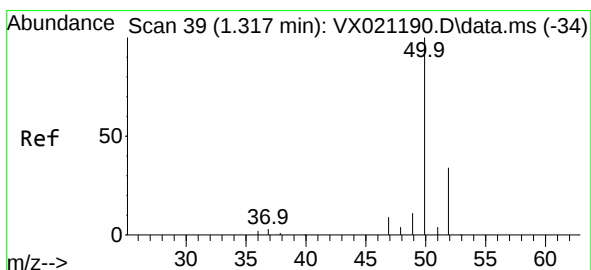
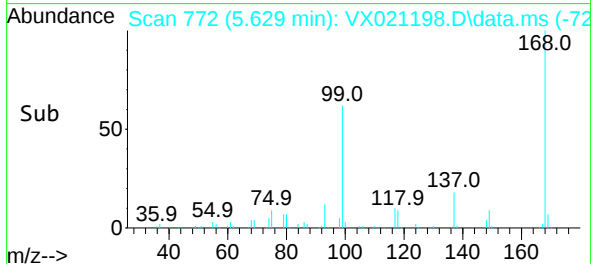
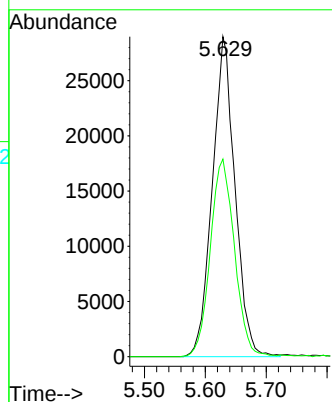
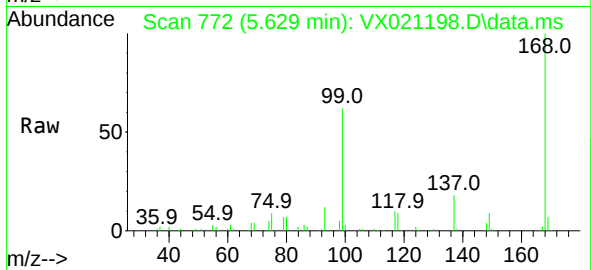




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

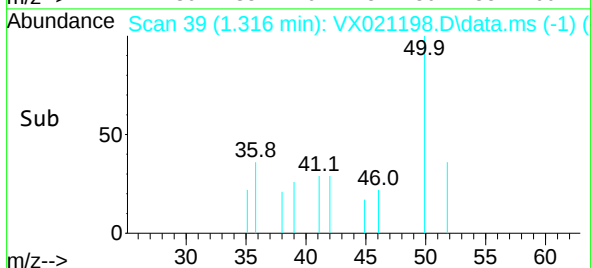
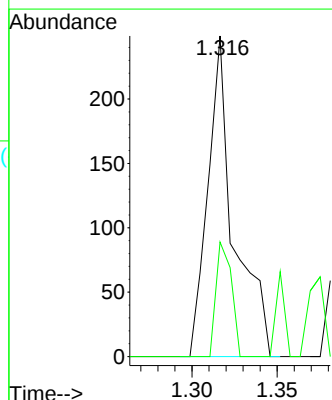
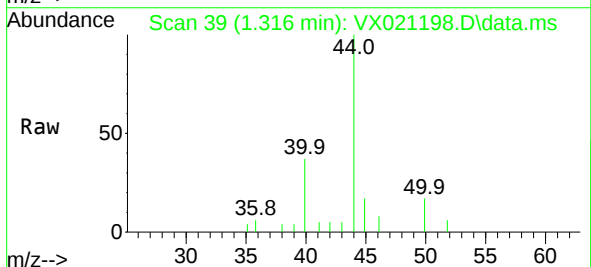
Instrument :
MSVOA_X
ClientSampleId :

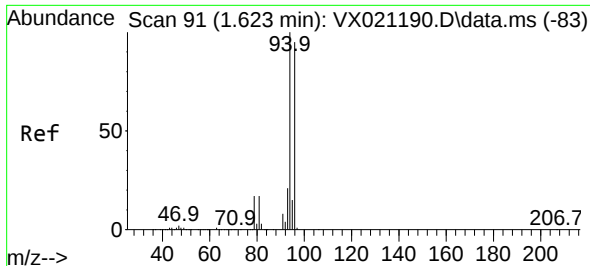
Tgt Ion:168 Resp: 75078
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6



#3
Chloromethane
Concen: 0.27 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

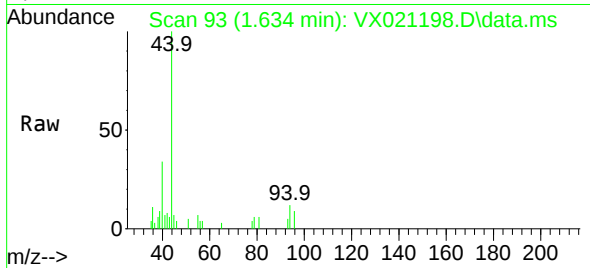
Tgt Ion: 50 Resp: 265
Ion Ratio Lower Upper
50 100
52 35.7 26.4 39.6



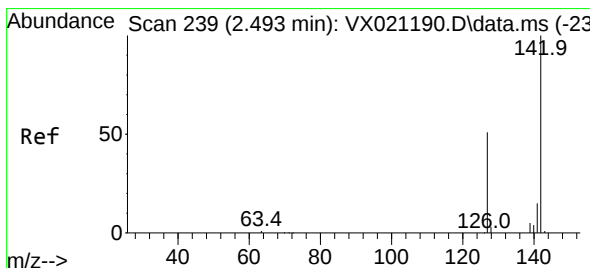
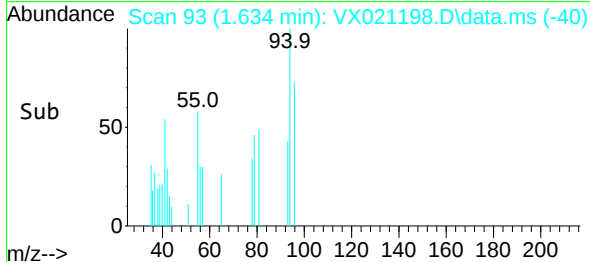
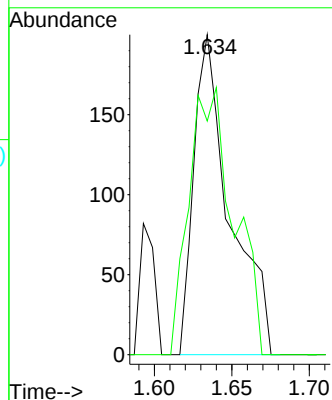


#5
Bromomethane
Concen: 0.59 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

Instrument :
MSVOA_X
ClientSampled :

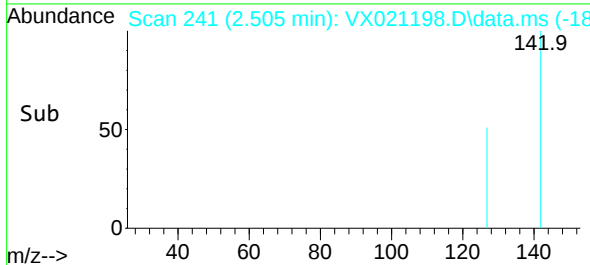
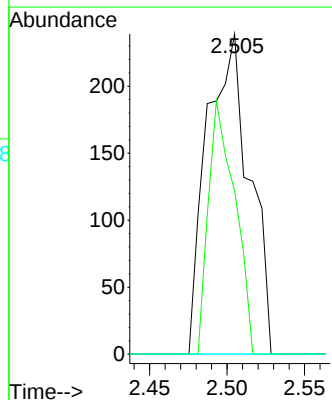
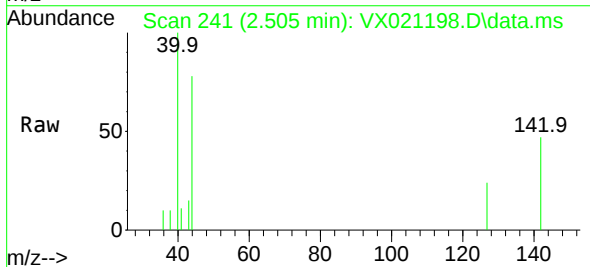


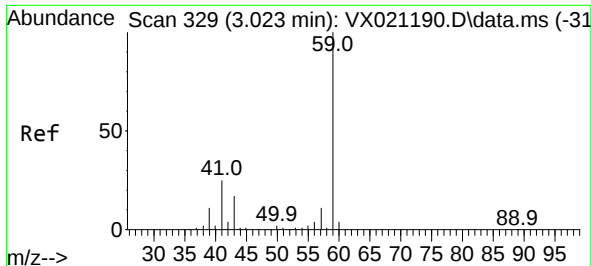
Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 73.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.42 ug/l
RT: 2.505 min Scan# 241
Delta R.T. 0.017 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

Tgt Ion: 142 Resp: 456
Ion Ratio Lower Upper
142 100
127 49.3 33.3 49.9
141 0.0 11.4 17.0#

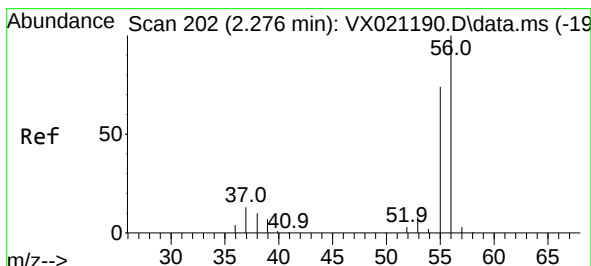
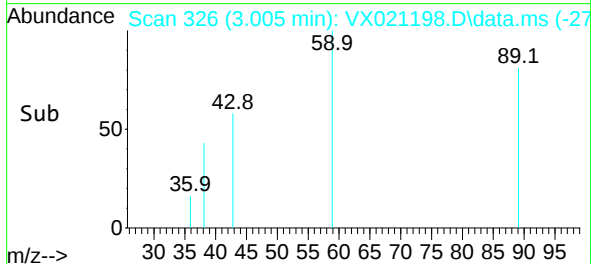
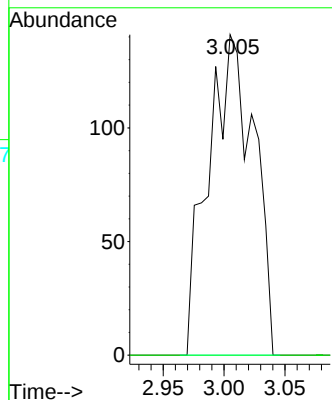
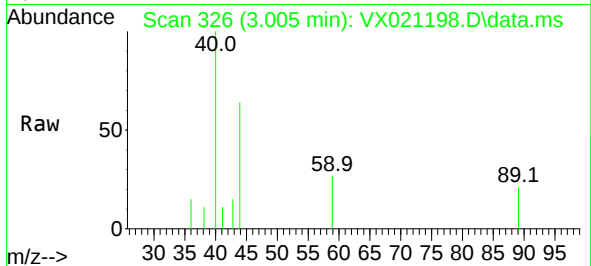




#11
Tert butyl alcohol
Concen: 1.65 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

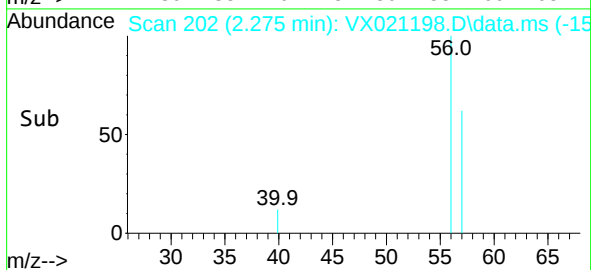
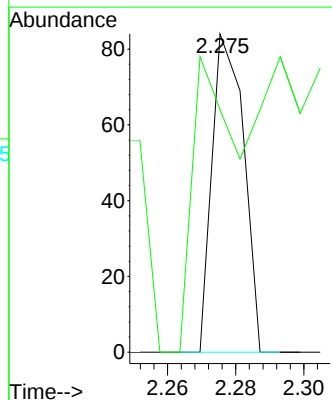
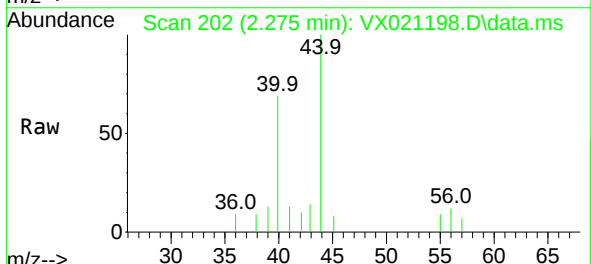
Instrument :
MSVOA_X
ClientSampled :

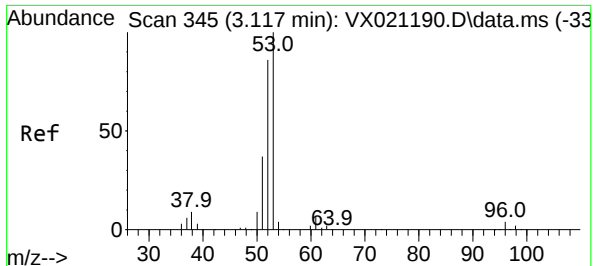
Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.39 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 125.9 56.4 84.6#

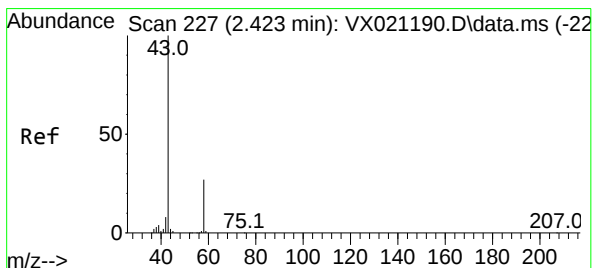
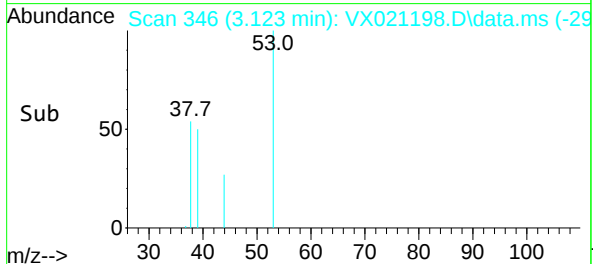
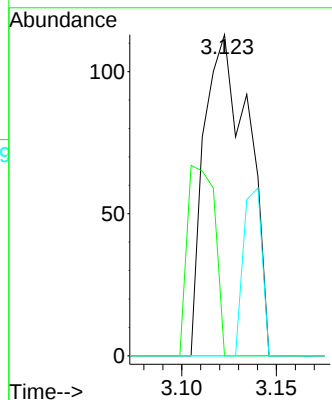
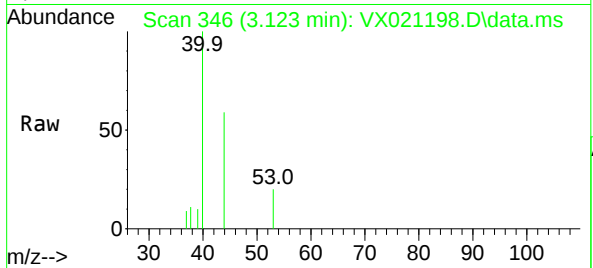




#15
Acrylonitrile
Concen: 0.37 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

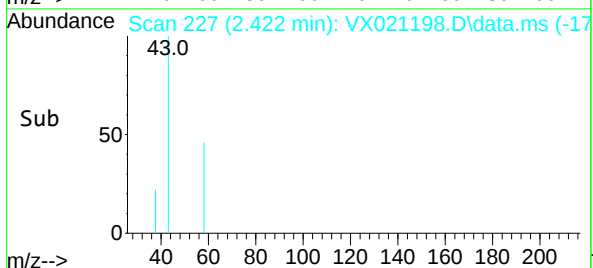
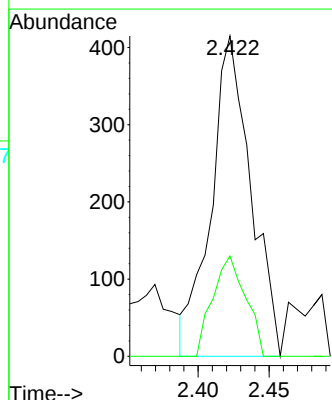
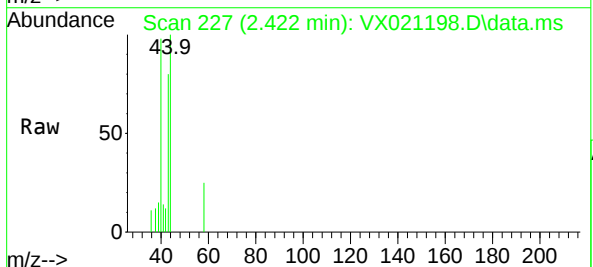
Instrument :
MSVOA_X
ClientSampled :

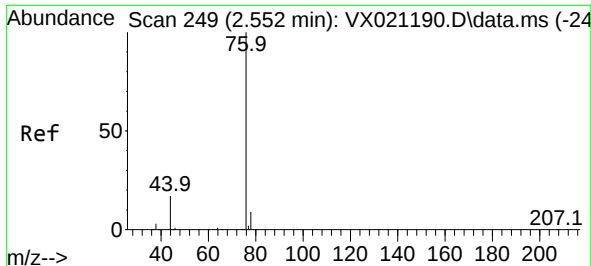
Tgt Ion: 53 Resp: 184
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 21.7 28.2 42.2#



#16
Acetone
Concen: 1.57 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8





#17

Carbon Disulfide

Concen: 0.39 ug/l

RT: 2.552 min Scan# 249

Delta R.T. 0.006 min

Lab File: VX021198.D

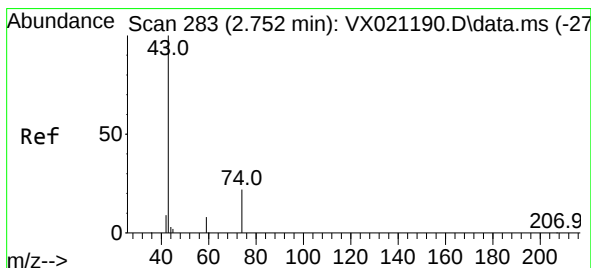
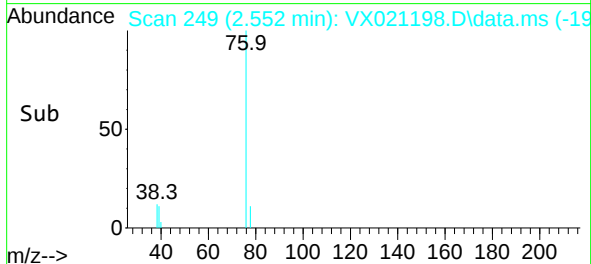
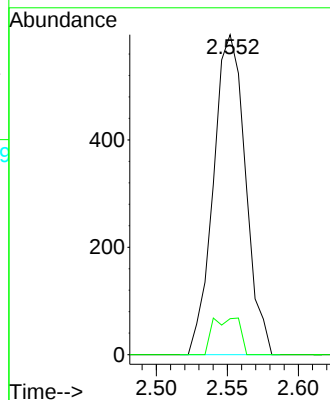
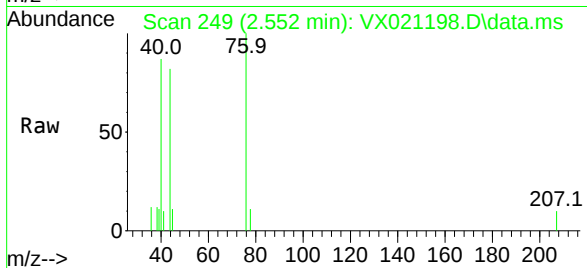
Acq: 15 Mar 2021 14:47

Tgt Ion: 76 Resp: 937

Ion Ratio Lower Upper

76 100

78 11.2 7.2 10.8#



#18

Methyl Acetate

Concen: 0.43 ug/l

RT: 2.758 min Scan# 284

Delta R.T. 0.006 min

Lab File: VX021198.D

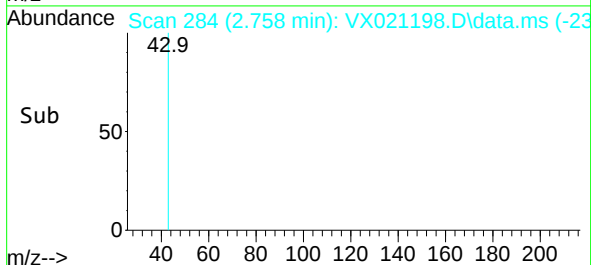
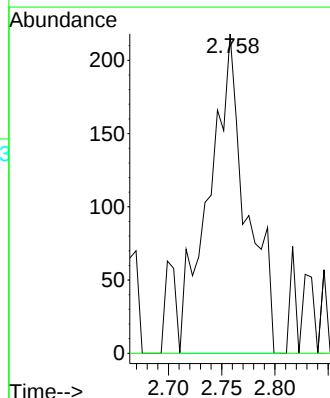
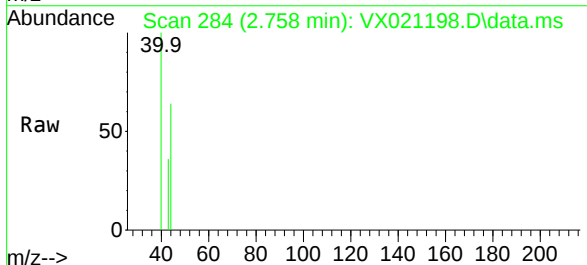
Acq: 15 Mar 2021 14:47

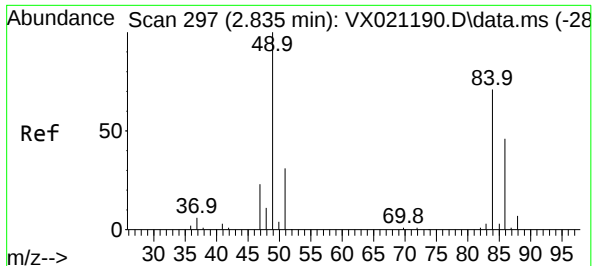
Tgt Ion: 43 Resp: 533

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.34 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021198.D

Acq: 15 Mar 2021 14:47

Tgt Ion: 84 Resp: 333

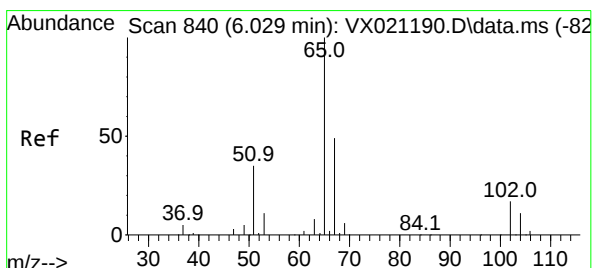
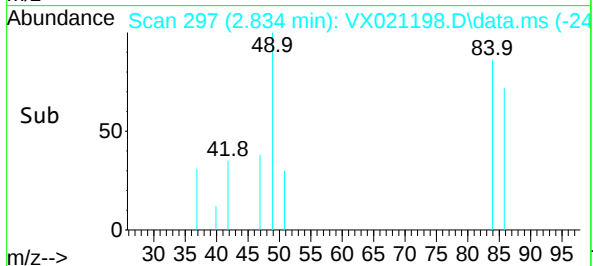
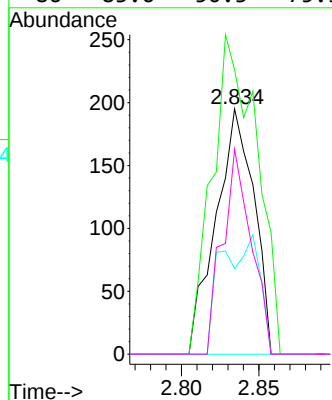
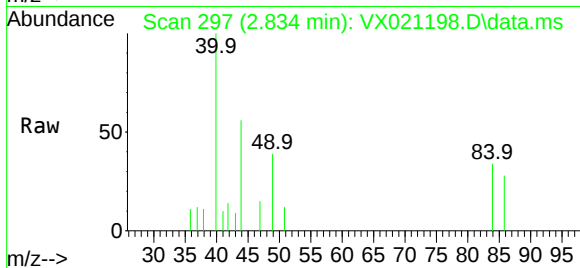
Ion Ratio Lower Upper

84 100

49 115.9 88.6 132.8

51 34.9 27.0 40.6

86 83.6 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 48.54 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021198.D

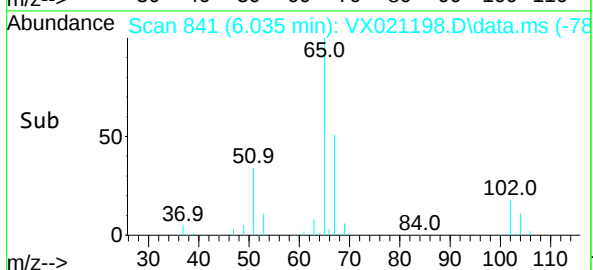
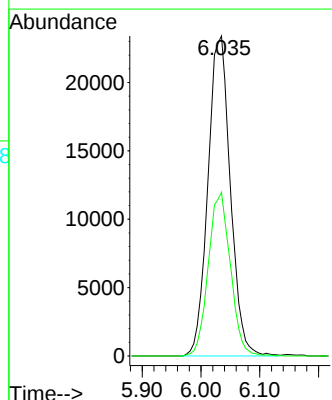
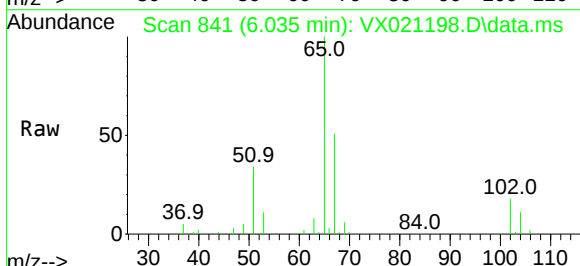
Acq: 15 Mar 2021 14:47

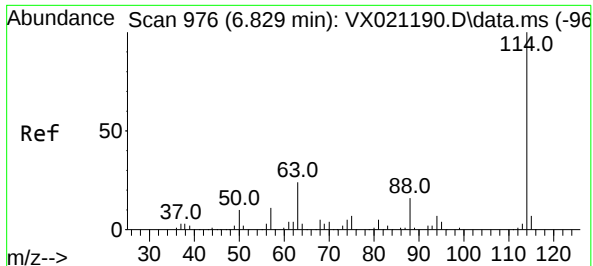
Tgt Ion: 65 Resp: 62144

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.4

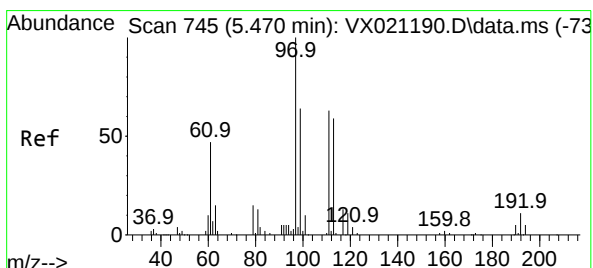
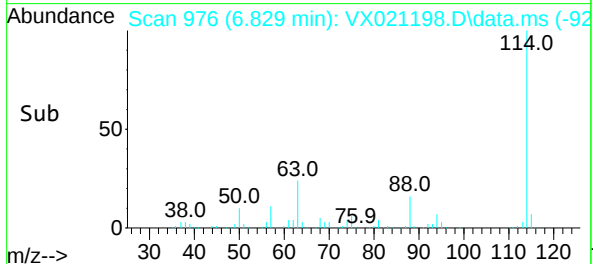
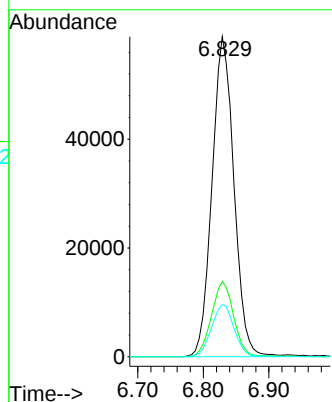
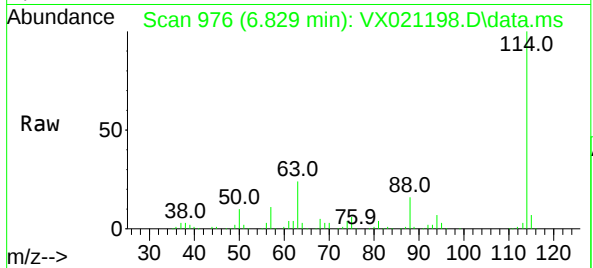




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

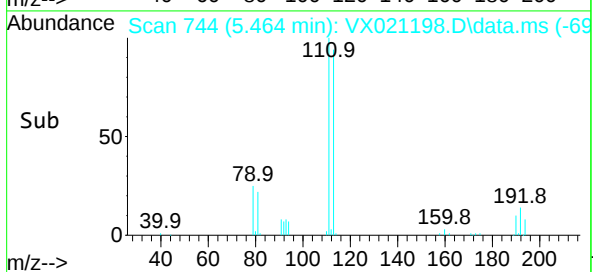
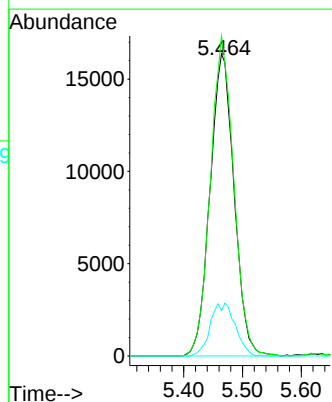
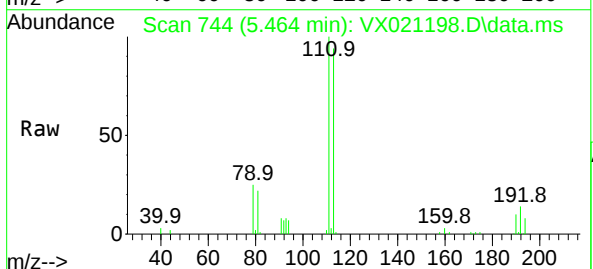
Instrument :
MSVOA_X
ClientSampled :

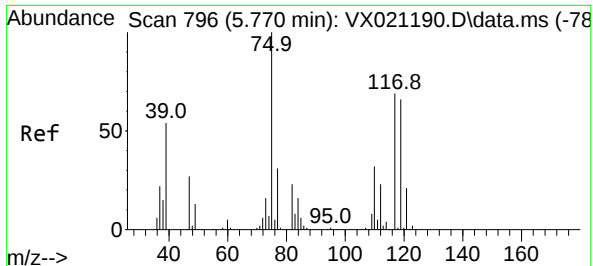
Tgt Ion:114 Resp: 136158
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.62 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

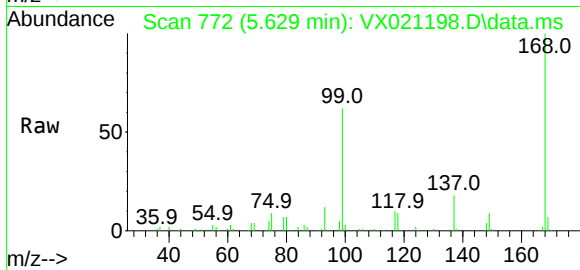
Tgt Ion:113 Resp: 46488
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.1 16.7 25.1



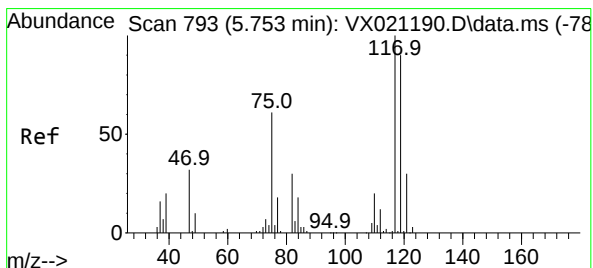
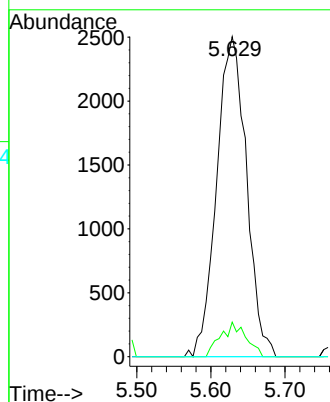
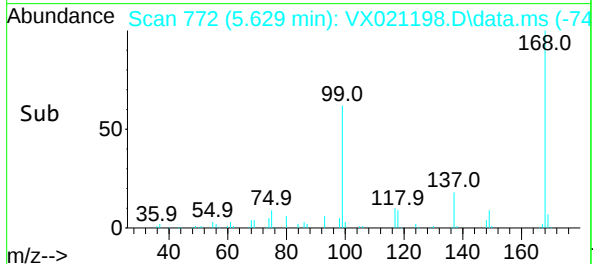


#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

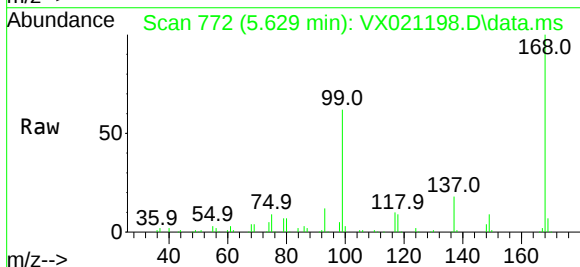
Instrument :
MSVOA_X
ClientSampled :



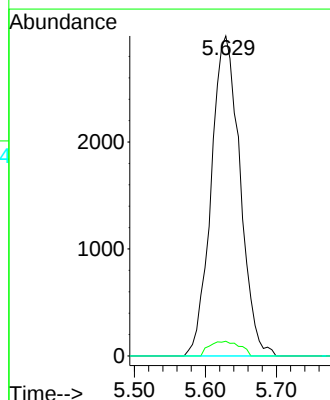
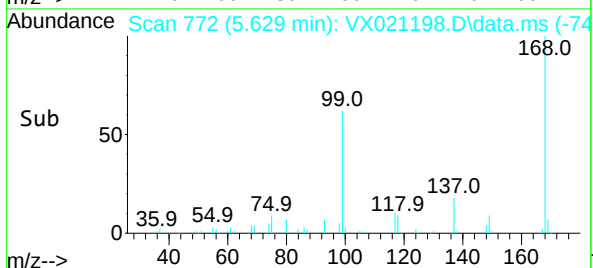
Tgt Ion: 75 Resp: 6992
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#

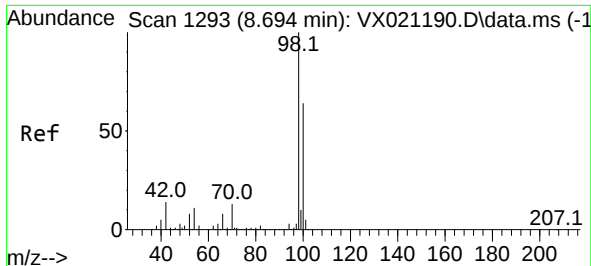


#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47



Tgt Ion: 117 Resp: 8425
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

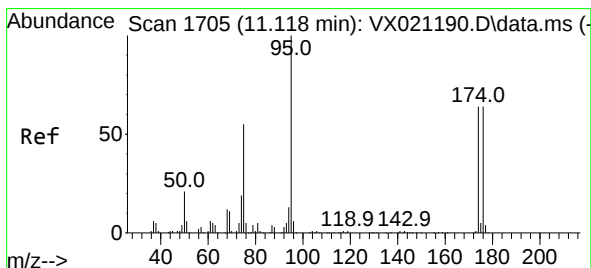
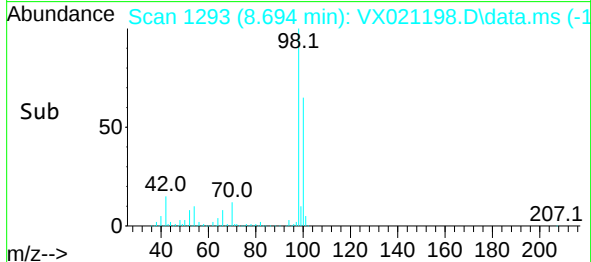
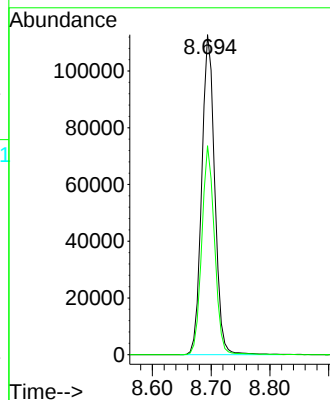
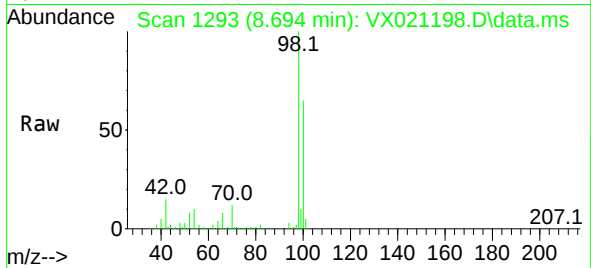




#50
Toluene-d8
Concen: 51.47 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

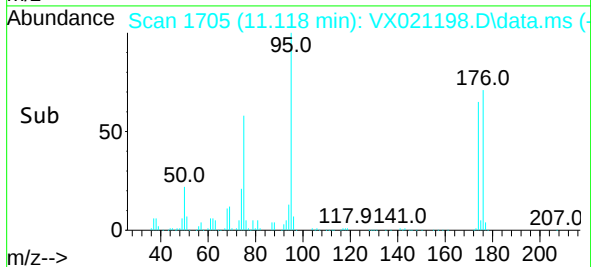
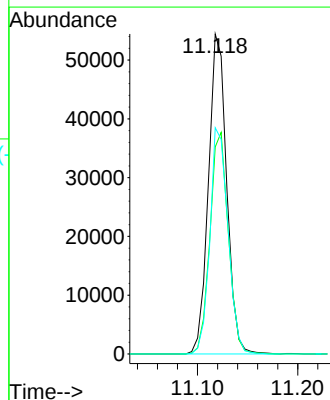
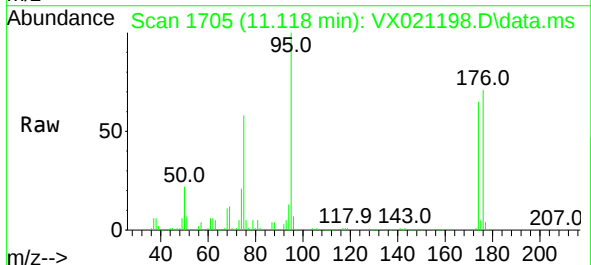
Instrument :
MSVOA_X
ClientSampled :

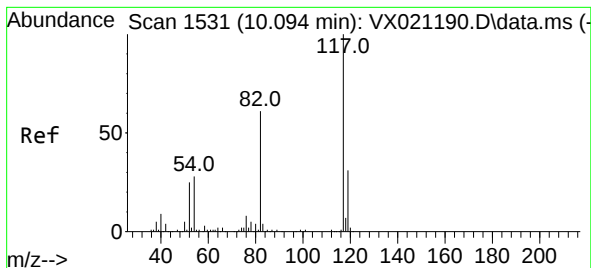
Tgt Ion: 98 Resp: 173215
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

Tgt Ion: 95 Resp: 68911
Ion Ratio Lower Upper
95 100
174 69.7 0.0 154.6
176 70.0 0.0 155.8

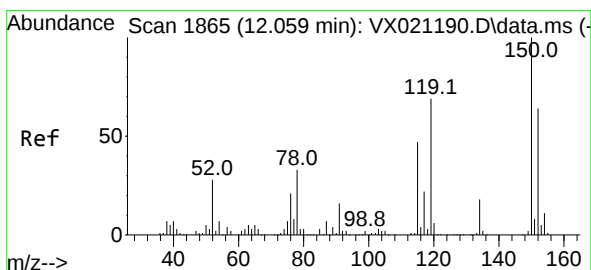
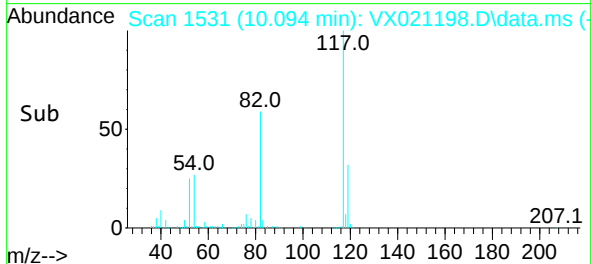
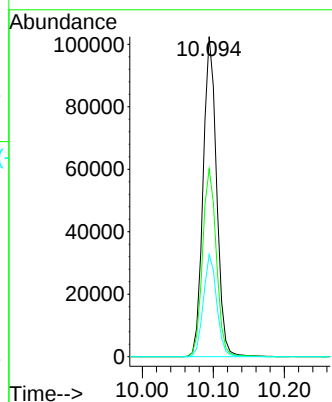
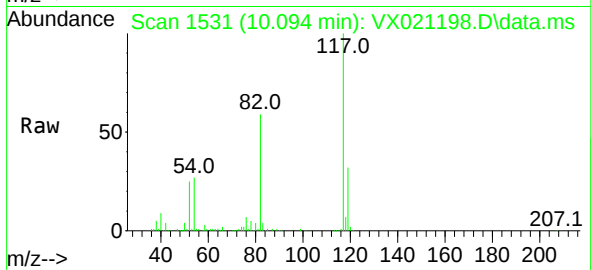




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

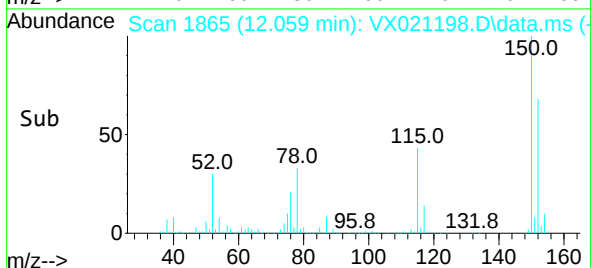
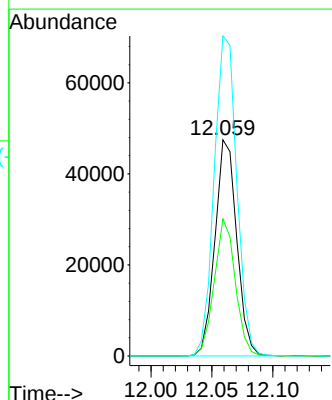
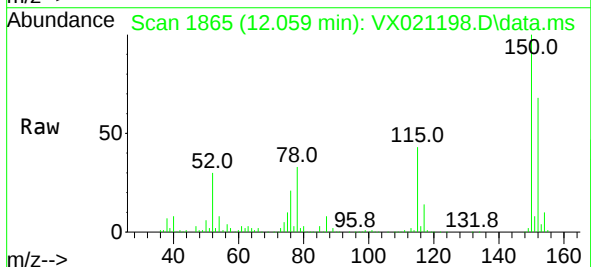
Instrument :
MSVOA_X
ClientSampled :

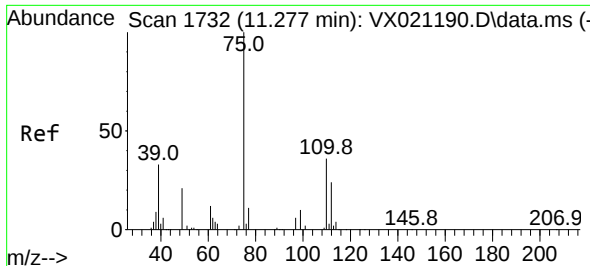
Tgt Ion:117 Resp: 135760
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

Tgt Ion:152 Resp: 59148
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 154.0 0.0 349.0

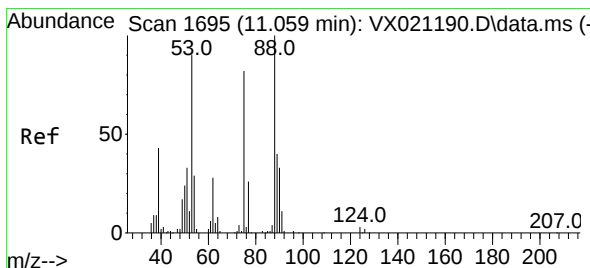
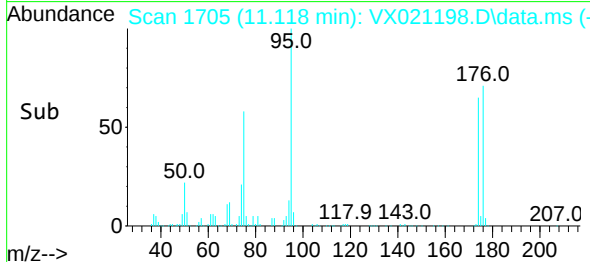
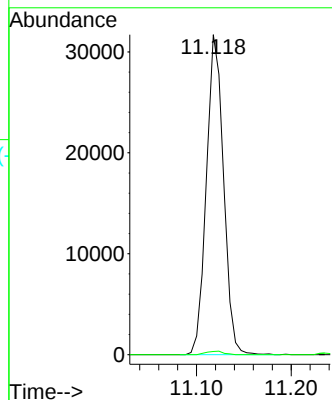
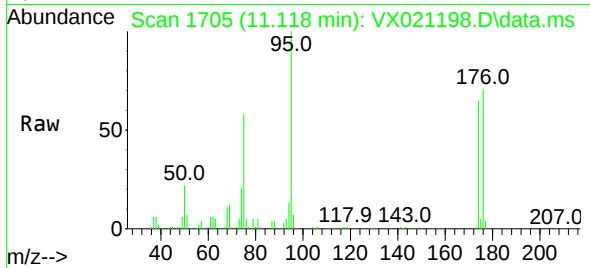




#76
1,2,3-Trichloropropane
Concen: 27.18 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

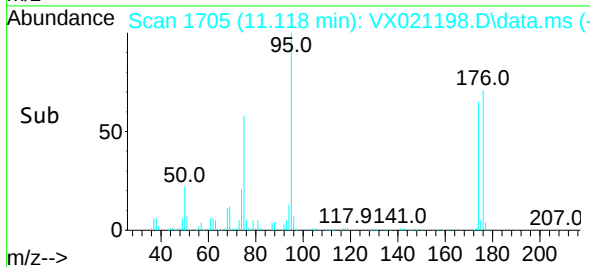
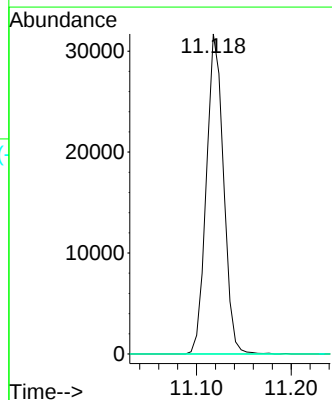
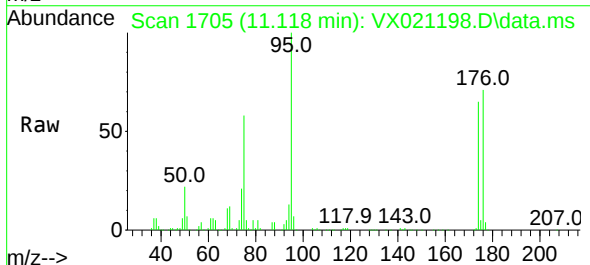
Instrument :
MSVOA_X
ClientSampled :

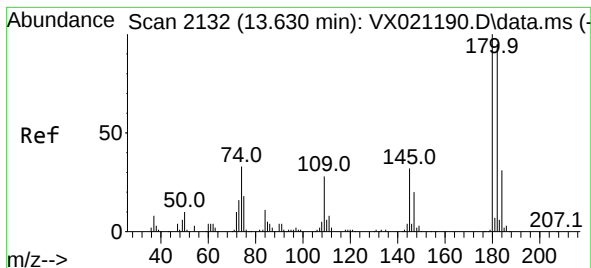
Tgt Ion: 75 Resp: 39856
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

Tgt Ion: 75 Resp: 39856
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.22 ug/l

RT: 13.624 min Scan# 2131

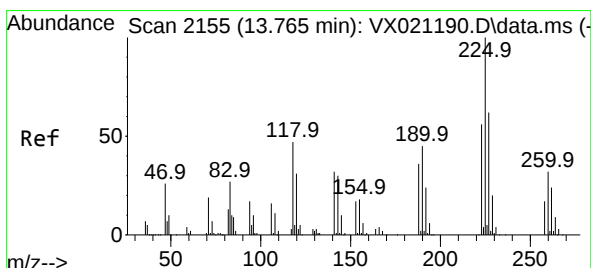
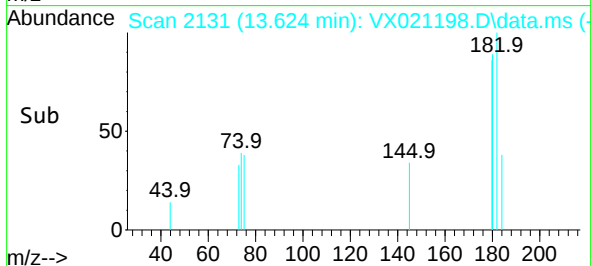
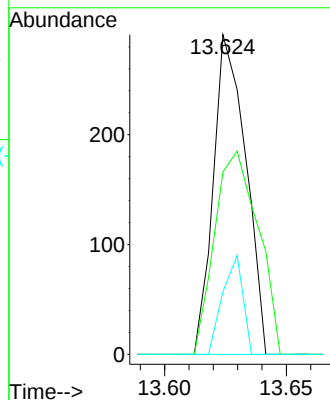
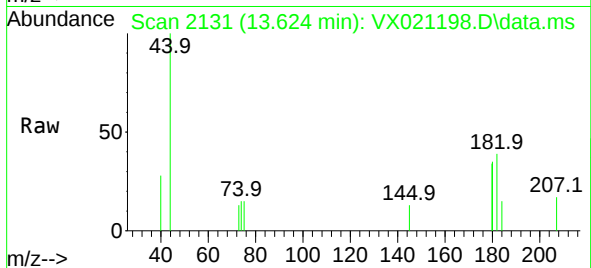
Delta R.T. -0.006 min

Lab File: VX021198.D

Acq: 15 Mar 2021 14:47

Tgt Ion:	180	Resp:	269
Ion	Ratio	Lower	Upper
180	100		
182	85.1	47.7	143.1
145	19.3	15.0	45.0

Instrument :
MSVOA_X
ClientSampled :



#94

Hexachlorobutadiene

Concen: 0.22 ug/l

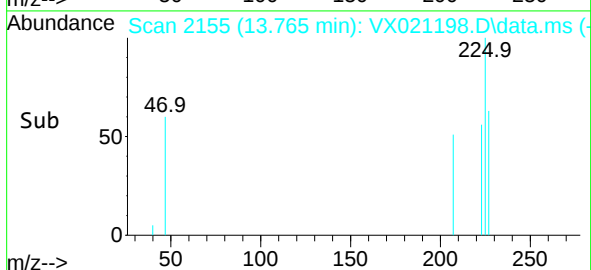
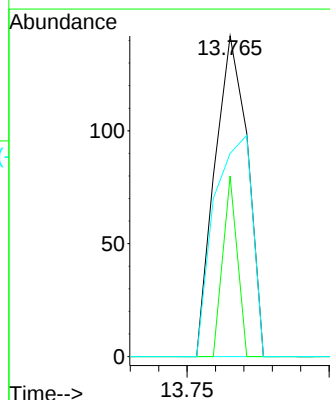
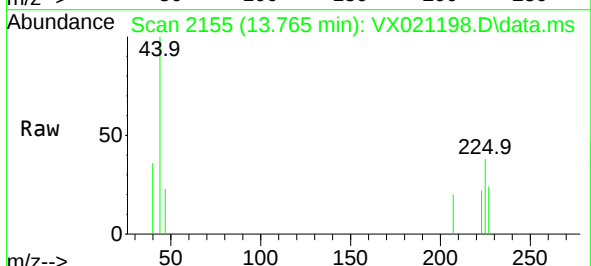
RT: 13.765 min Scan# 2155

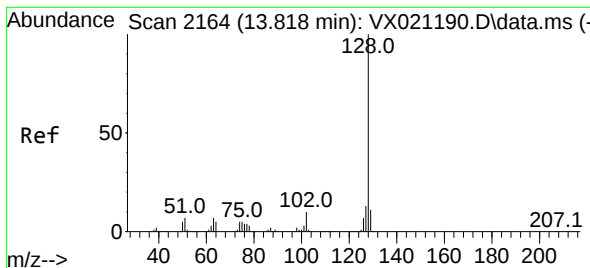
Delta R.T. -0.000 min

Lab File: VX021198.D

Acq: 15 Mar 2021 14:47

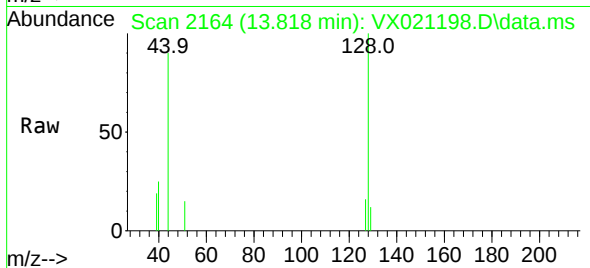
Tgt Ion:	225	Resp:	113
Ion	Ratio	Lower	Upper
225	100		
223	24.8	31.1	93.2#
227	80.5	31.6	95.0



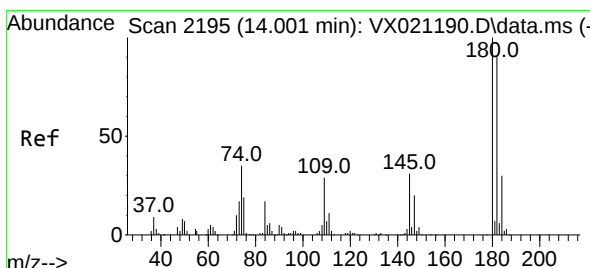
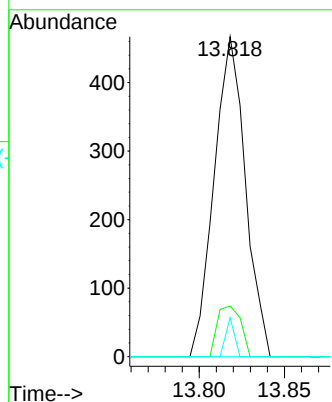
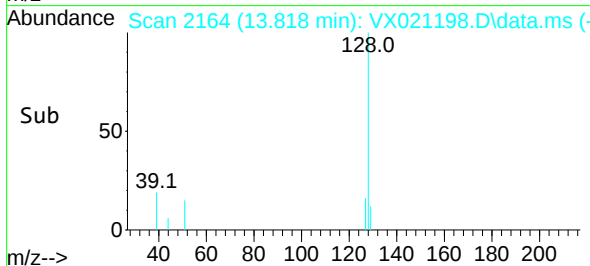


#95
Naphthalene
Concen: 1.60 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47

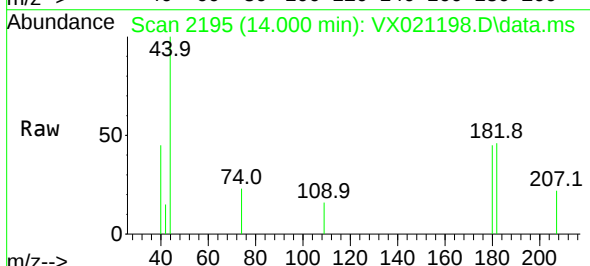
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:128 Resp: 596
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 3.4 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 1.10 ug/l
RT: 14.000 min Scan# 2195
Delta R.T. -0.001 min
Lab File: VX021198.D
Acq: 15 Mar 2021 14:47



Tgt Ion:180 Resp: 222
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 0.0 16.1 48.3#

