

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021201.D
 Acq On : 15 Mar 2021 15:55
 Operator : JC/MD
 Sample : M1583-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 03:02:29 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)

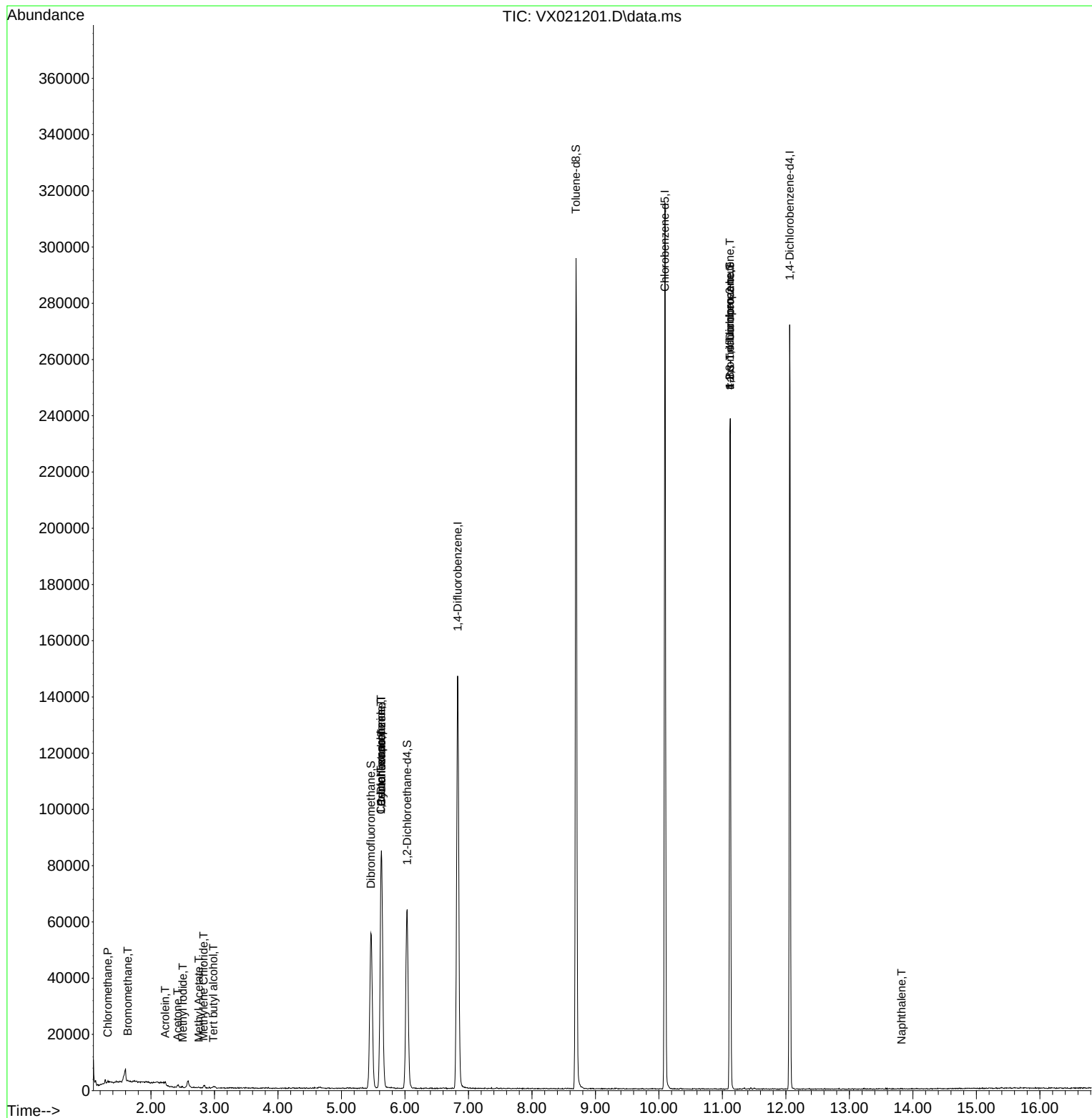
Internal Standards						
1) Pentafluorobenzene	5.629	168	72233	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	134219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	63561	51.60	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 103.20%		
35) Dibromofluoromethane	5.464	113	46302	50.14	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 100.28%		
50) Toluene-d8	8.694	98	168248	50.72	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 101.44%		
62) 4-Bromofluorobenzene	11.118	95	62069	49.10	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 98.20%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	223	0.24	ug/l	# 77
5) Bromomethane	1.634	94	270	0.51	ug/l	92
10) Methyl Iodide	2.499	142	233	0.22	ug/l	# 69
11) Tert butyl alcohol	2.981	59	311	1.45	ug/l	# 73
13) Acrolein	2.223	56	51	0.39	ug/l	# 1
16) Acetone	2.417	43	1013	2.05	ug/l	92
18) Methyl Acetate	2.752	43	436	0.36	ug/l	# 47
20) Methylene Chloride	2.829	84	336	0.36	ug/l	87
31) Cyclohexane	5.629	56	2203	1.41	ug/l	# 12
36) 1,1-Dichloropropene	5.623	75	6862	4.88	ug/l	# 49
38) Carbon Tetrachloride	5.623	117	8142	5.27	ug/l	# 16
76) 1,2,3-Trichloropropane	11.118	75	35306	29.05	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	35306	82.45	ug/l	# 12
95) Naphthalene	13.818	128	113	1.50	ug/l	# 69

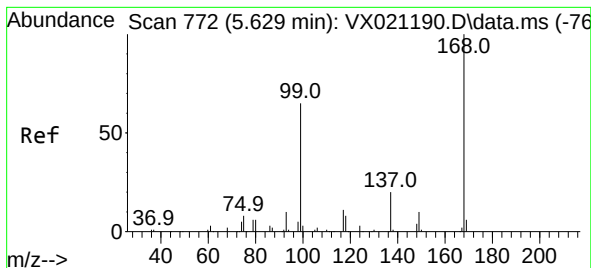
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021201.D
Acq On : 15 Mar 2021 15:55
Operator : JC/MD
Sample : M1583-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 03:02:29 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.006 min

Lab File: VX021201.D

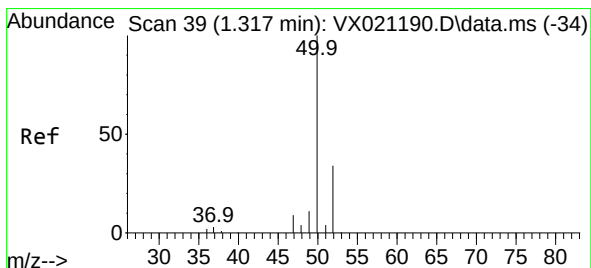
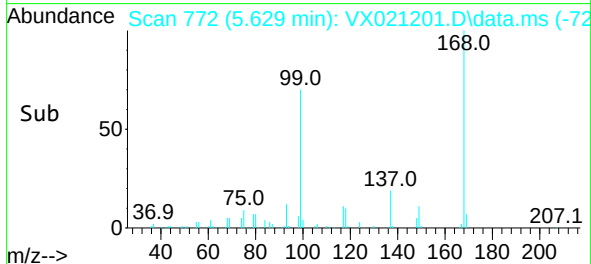
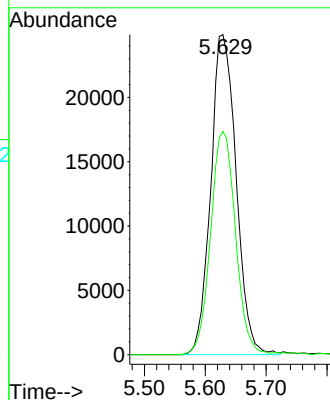
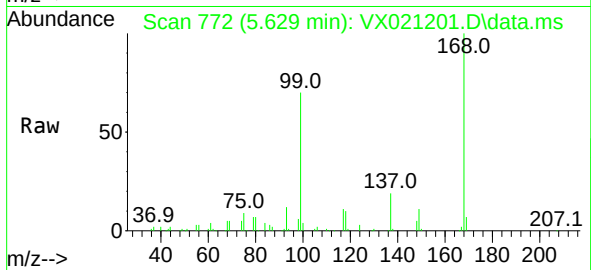
Acq: 15 Mar 2021 15:55

Tgt Ion:168 Resp: 72233

Ion Ratio Lower Upper

168 100

99 69.7 45.8 68.6#



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021201.D

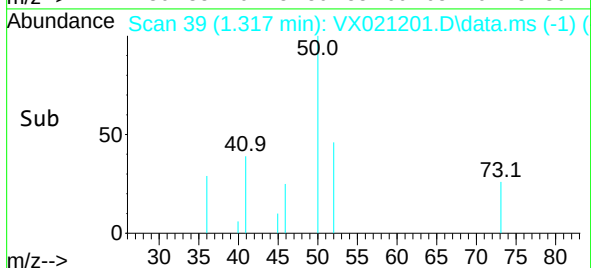
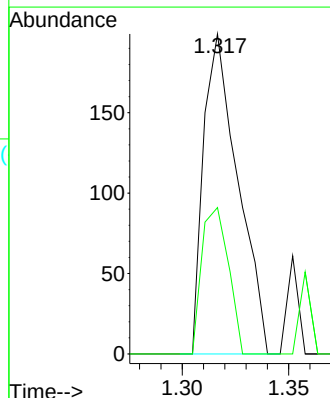
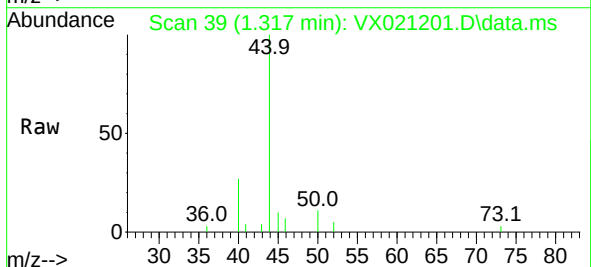
Acq: 15 Mar 2021 15:55

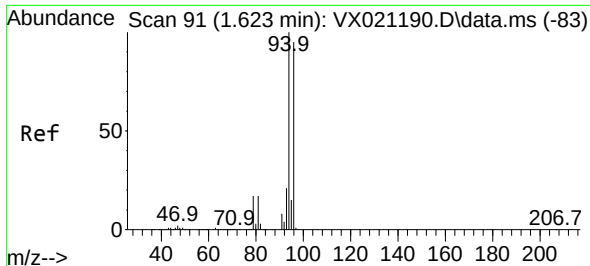
Tgt Ion: 50 Resp: 223

Ion Ratio Lower Upper

50 100

52 45.7 26.4 39.6#

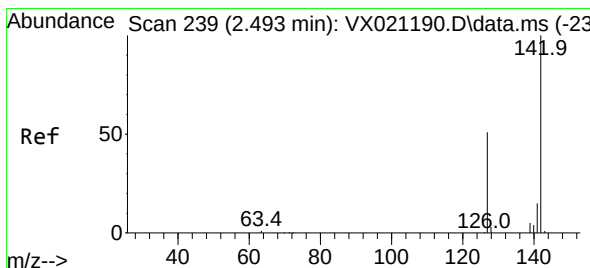
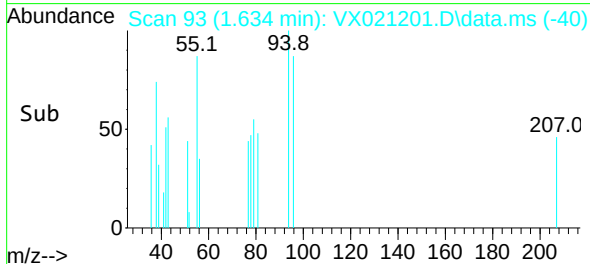
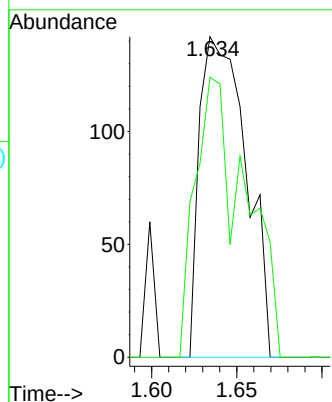
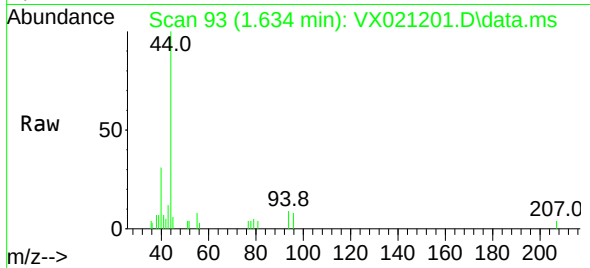




#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

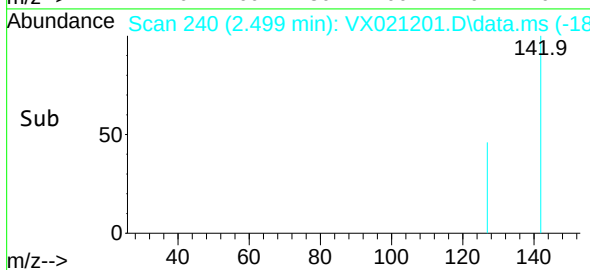
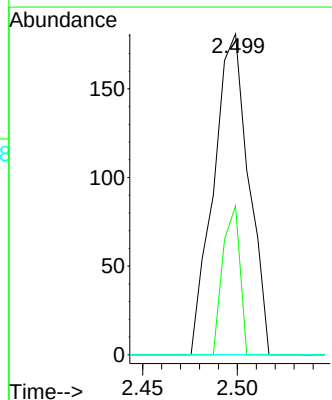
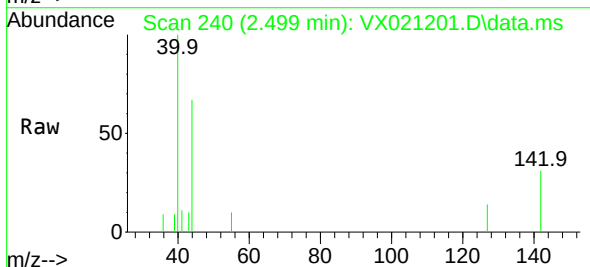
Instrument :
MSVOA_X
ClientSampled :

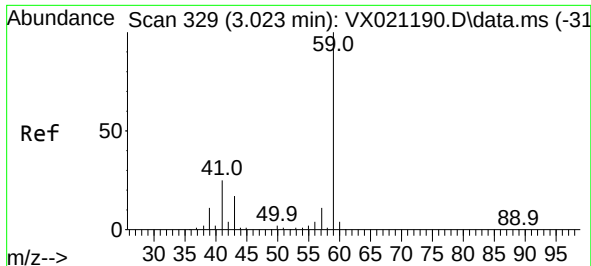
Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 87.3 76.4 114.6



#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

Tgt Ion: 142 Resp: 233
Ion Ratio Lower Upper
142 100
127 22.7 33.3 49.9#
141 0.0 11.4 17.0#

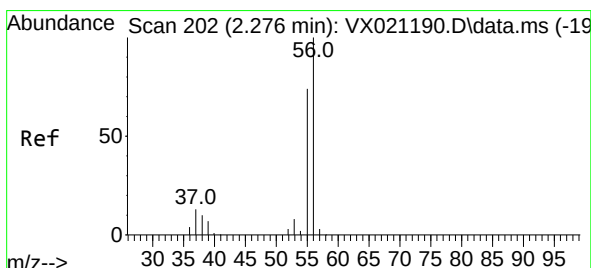
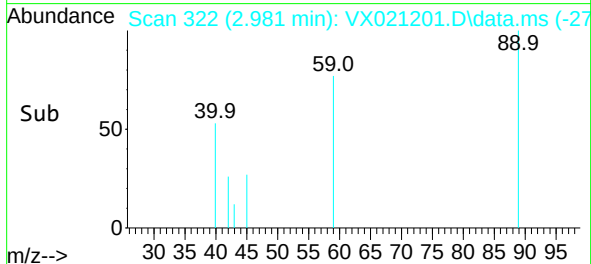
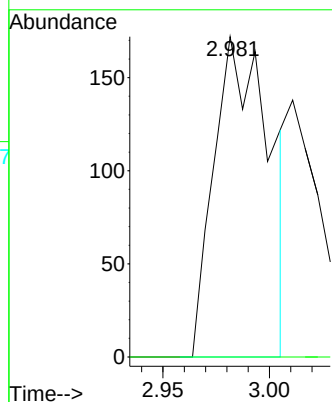
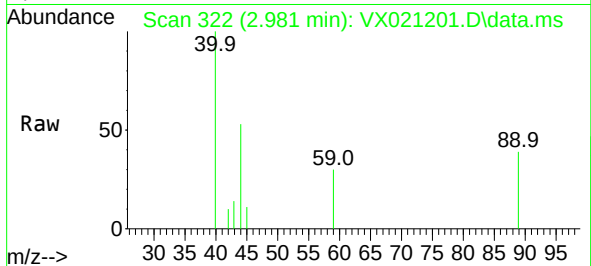




#11
Tert butyl alcohol
Concen: 1.45 ug/l
RT: 2.981 min Scan# 322
Delta R.T. -0.035 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

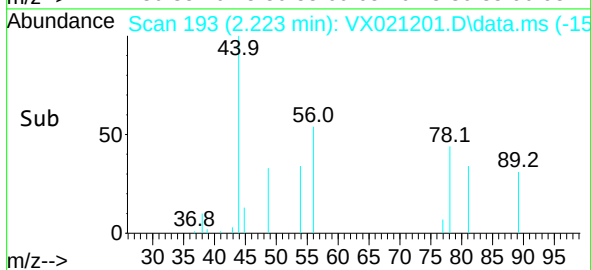
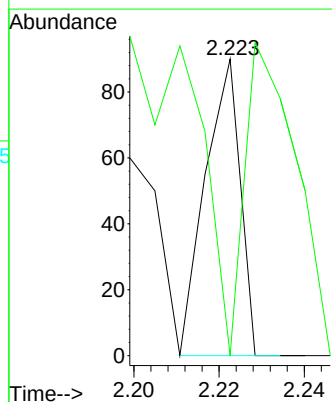
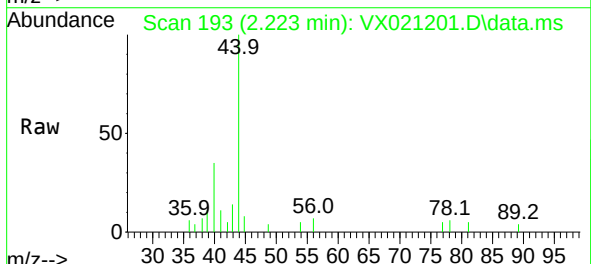
Instrument :
MSVOA_X
ClientSampled :

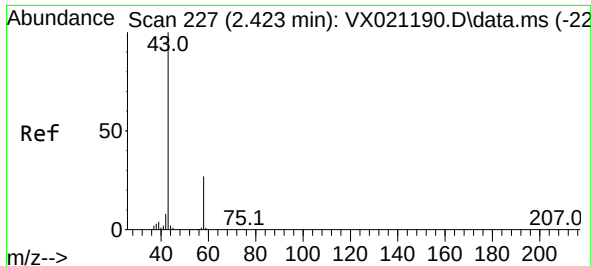
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.39 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 154.9 56.4 84.6#

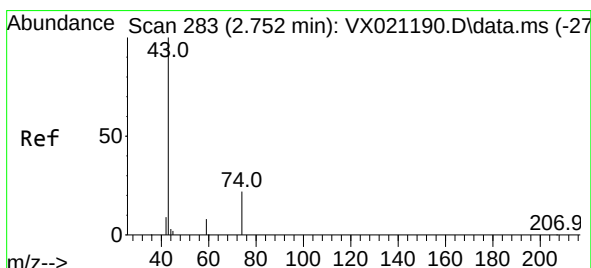
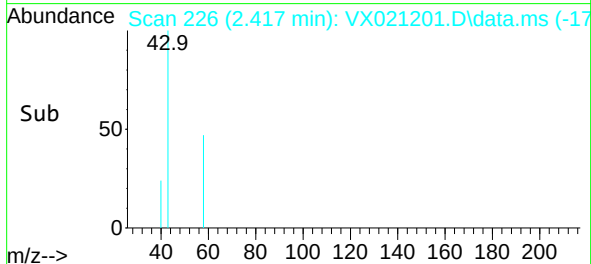
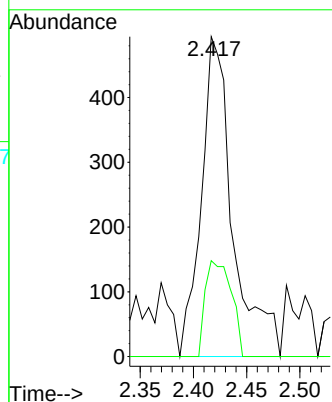
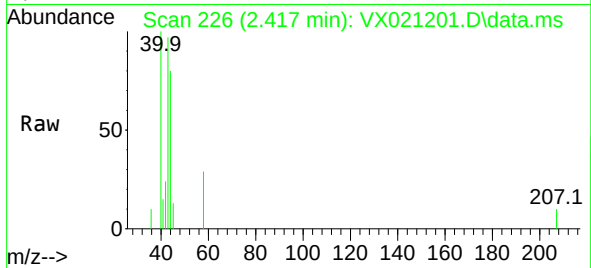




#16
Acetone
Concen: 2.05 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

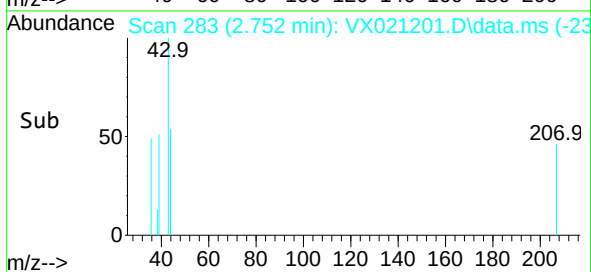
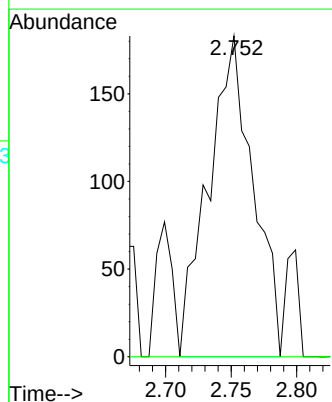
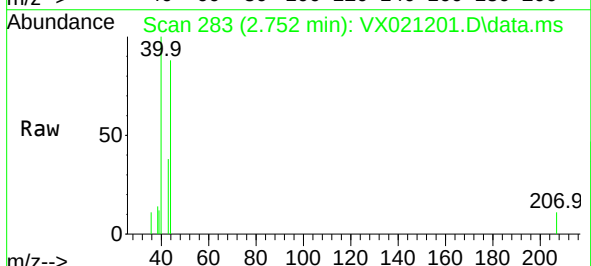
Instrument :
MSVOA_X
ClientSampleId :

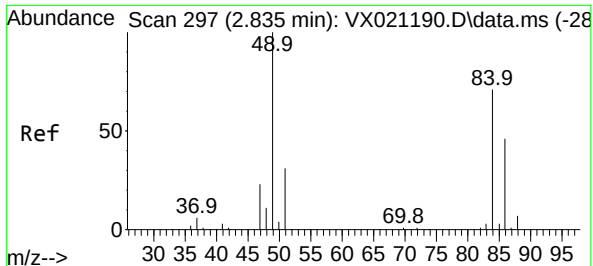
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.36 ug/l

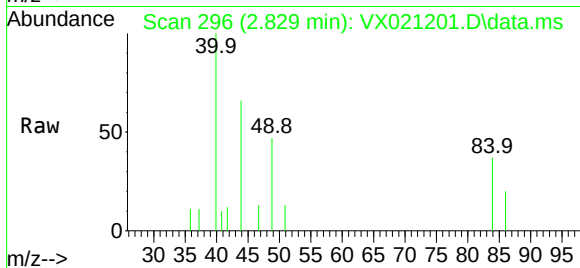
RT: 2.829 min Scan# 296

Delta R.T. -0.006 min

Lab File: VX021201.D

Acq: 15 Mar 2021 15:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 336

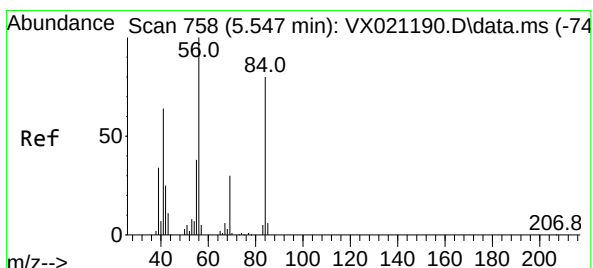
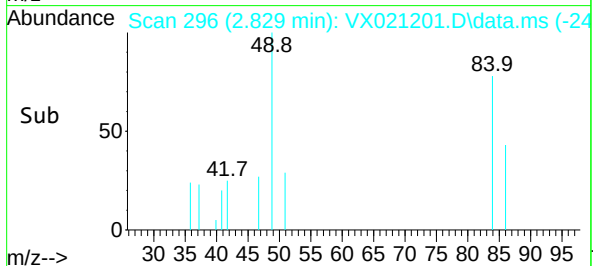
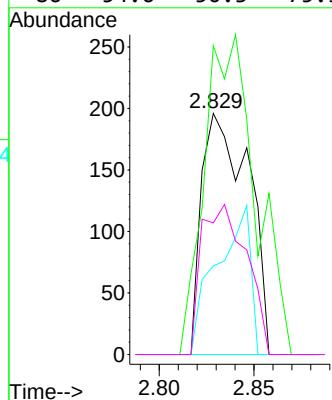
Ion Ratio Lower Upper

84 100

49 128.1 88.6 132.8

51 36.7 27.0 40.6

86 54.6 50.3 75.5



#31

Cyclohexane

Concen: 1.41 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021201.D

Acq: 15 Mar 2021 15:55

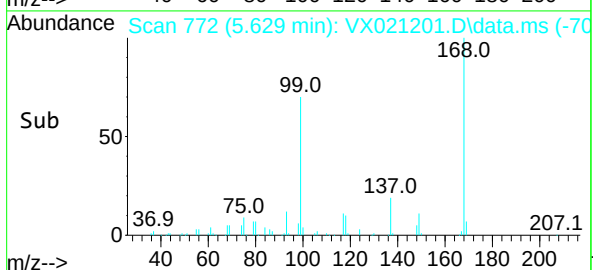
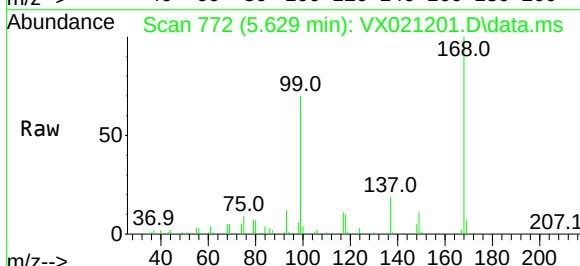
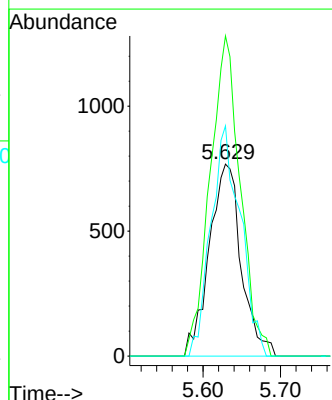
Tgt Ion: 56 Resp: 2203

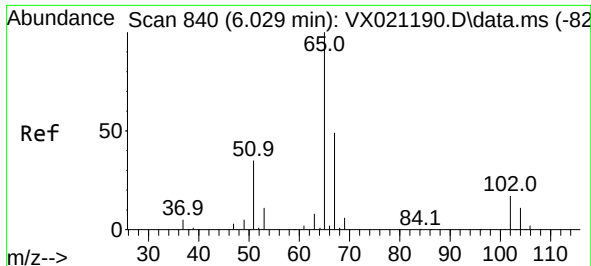
Ion Ratio Lower Upper

56 100

69 166.8 25.3 37.9#

84 119.9 71.4 107.0#

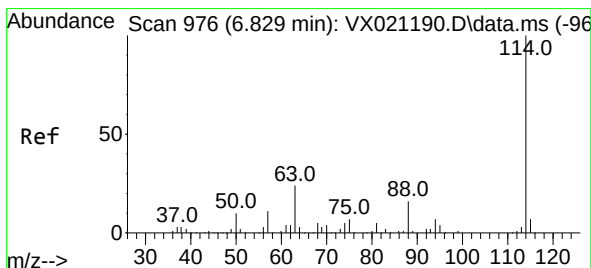
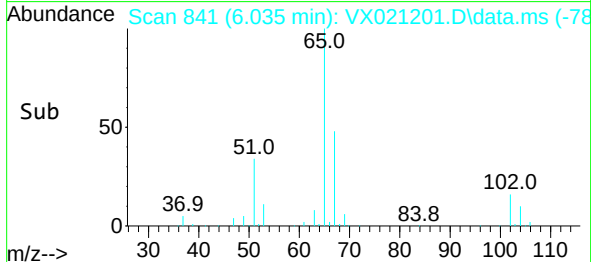
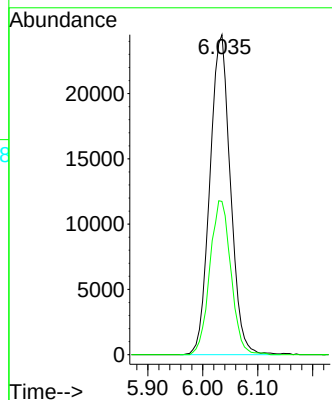
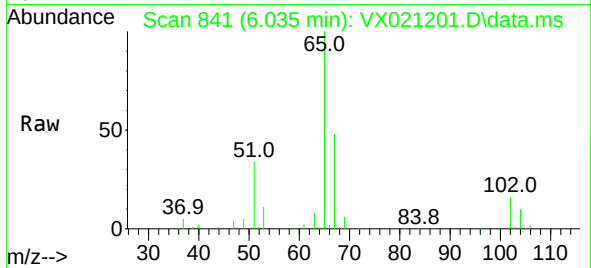




#33
1,2-Dichloroethane-d4
Concen: 51.60 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

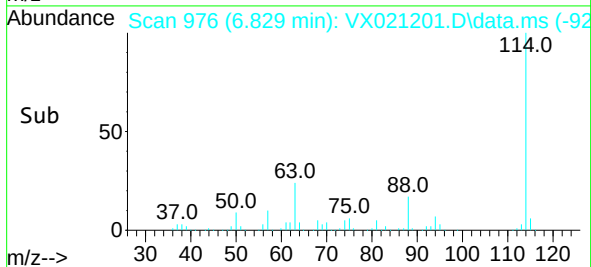
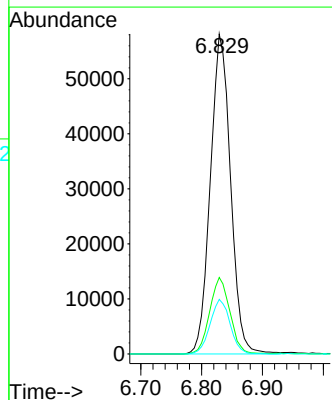
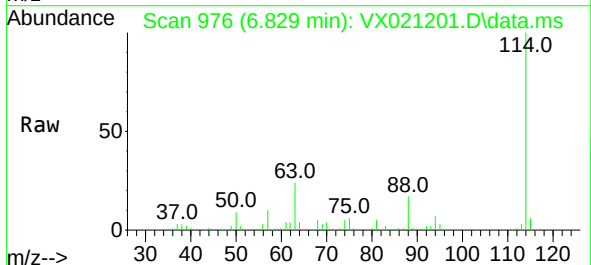
Instrument :
MSVOA_X
ClientSampled :

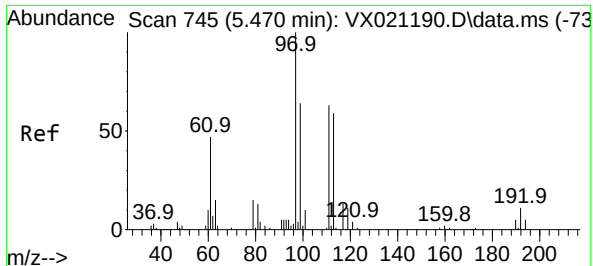
Tgt Ion: 65 Resp: 63561
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

Tgt Ion: 114 Resp: 134219
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.14 ug/l

RT: 5.464 min Scan# 744

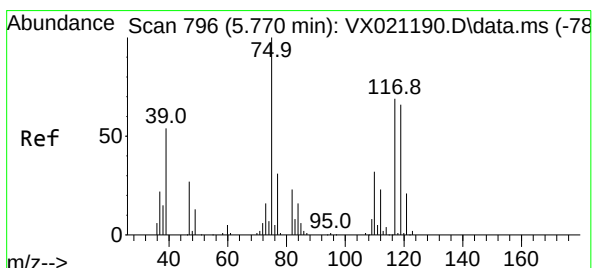
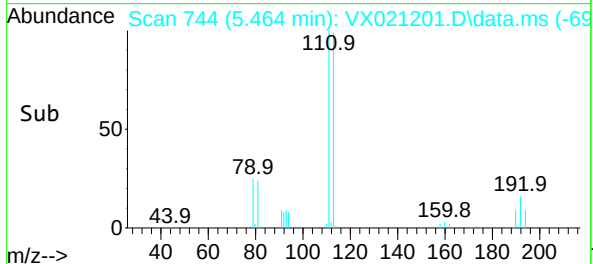
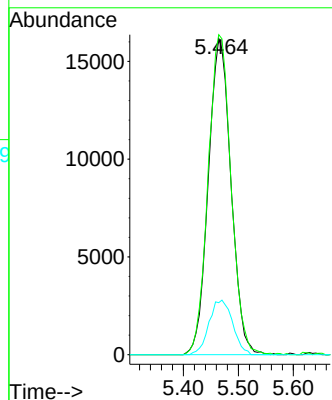
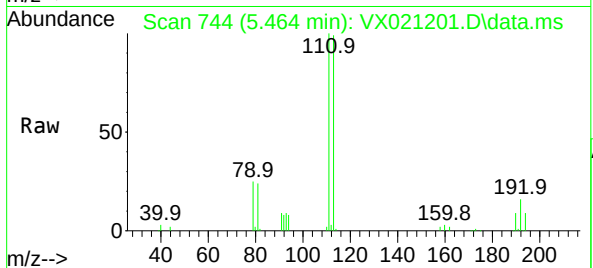
Delta R.T. -0.000 min

Lab File: VX021201.D

Acq: 15 Mar 2021 15:55

Tgt Ion:	113	Resp:	46302
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	18.0	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.88 ug/l

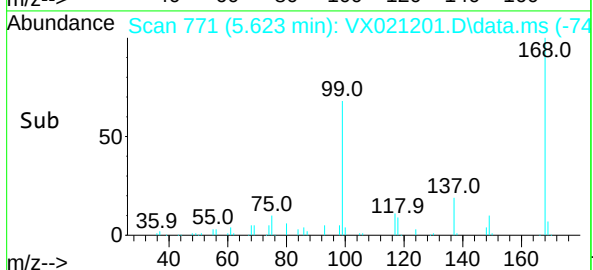
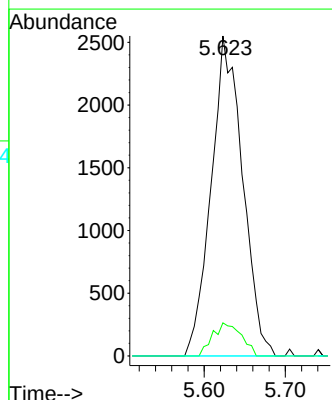
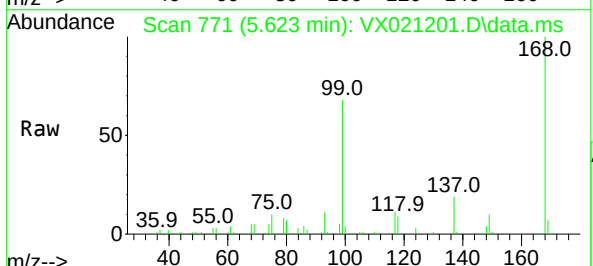
RT: 5.623 min Scan# 771

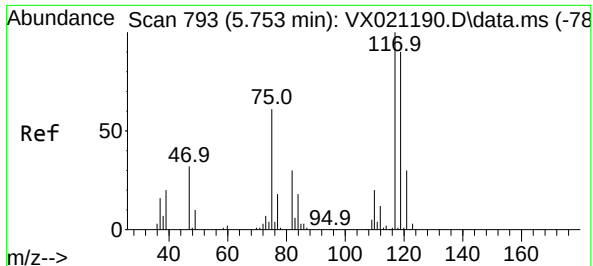
Delta R.T. -0.147 min

Lab File: VX021201.D

Acq: 15 Mar 2021 15:55

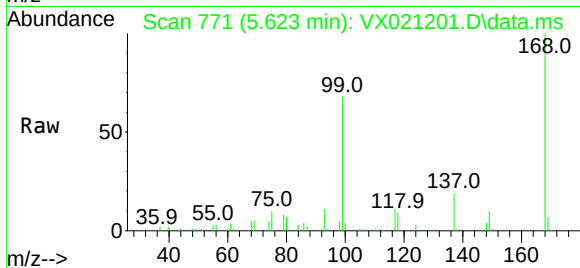
Tgt Ion:	75	Resp:	6862
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#



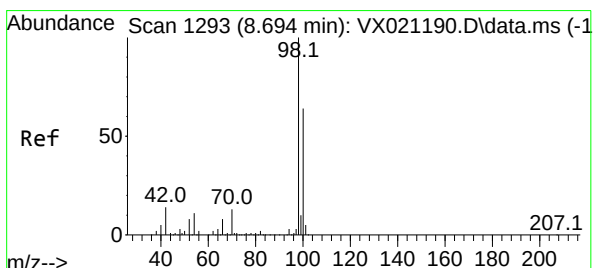
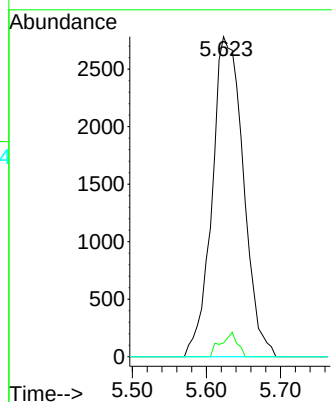
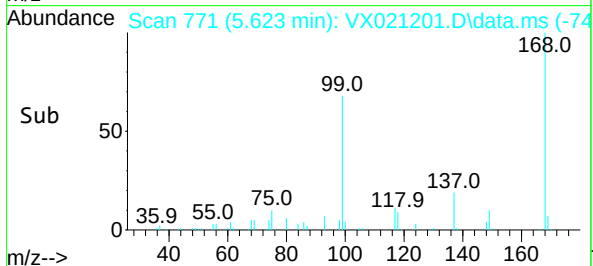


#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

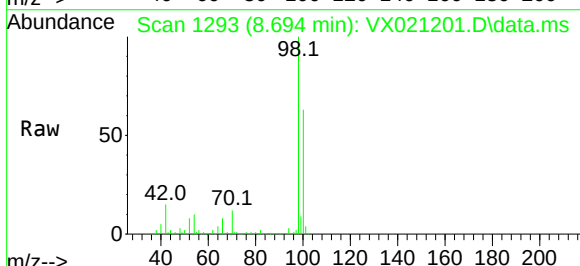
Instrument :
MSVOA_X
ClientSampled :



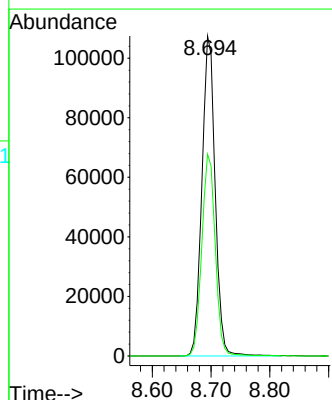
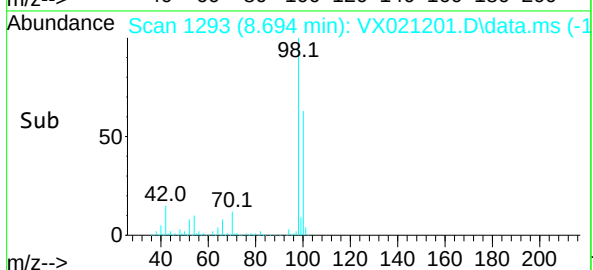
Tgt Ion:117 Resp: 8142
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

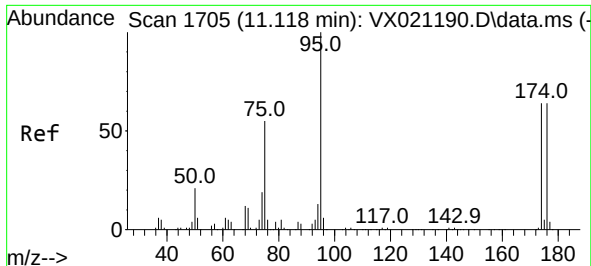


#50
Toluene-d8
Concen: 50.72 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55



Tgt Ion: 98 Resp: 168248
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

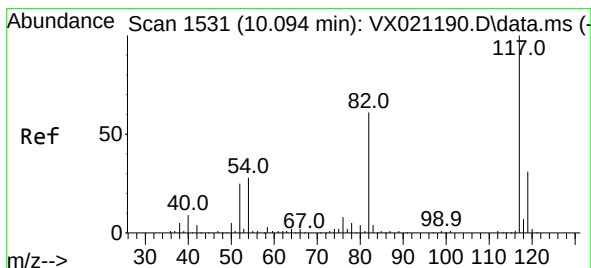
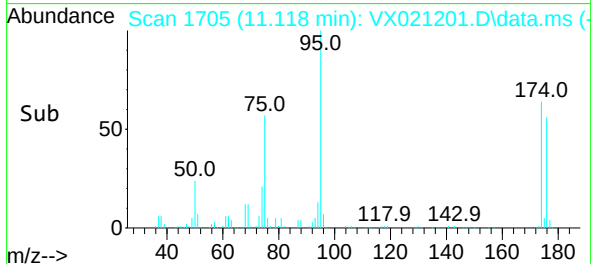
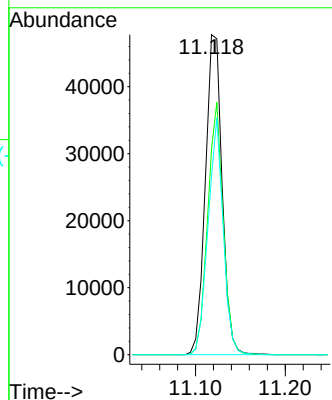
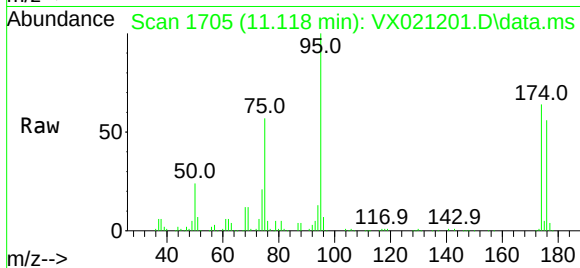




#62
4-Bromofluorobenzene
Concen: 49.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

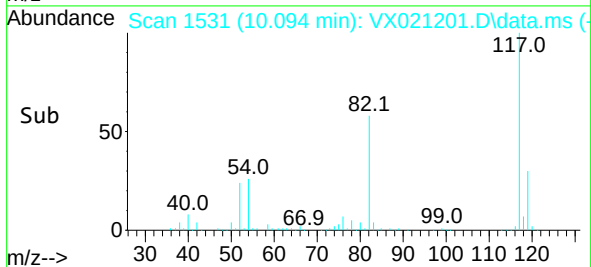
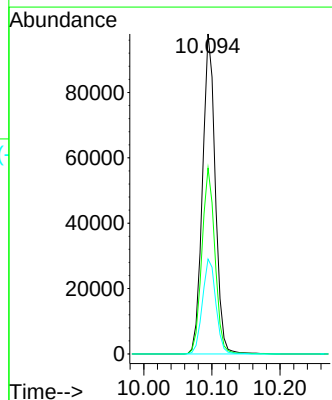
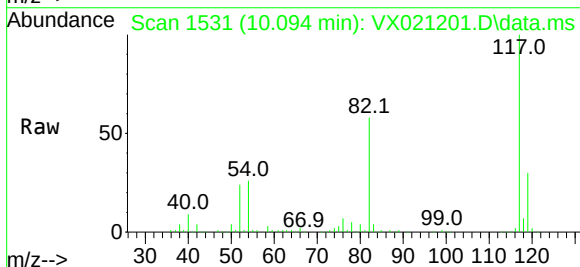
Instrument :
MSVOA_X
ClientSampled :

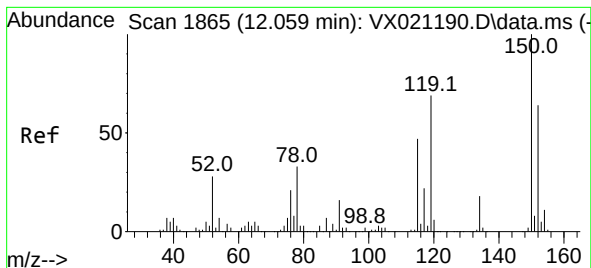
Tgt Ion: 95 Resp: 62069
Ion Ratio Lower Upper
95 100
174 72.6 0.0 154.6
176 66.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

Tgt Ion: 117 Resp: 127832
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 29.7 26.6 39.8

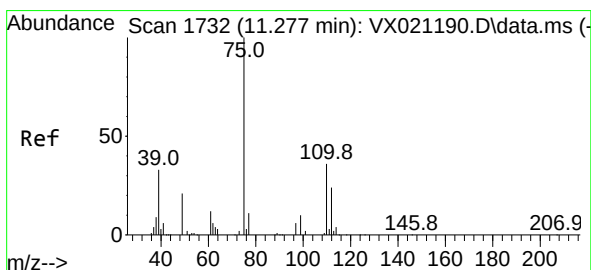
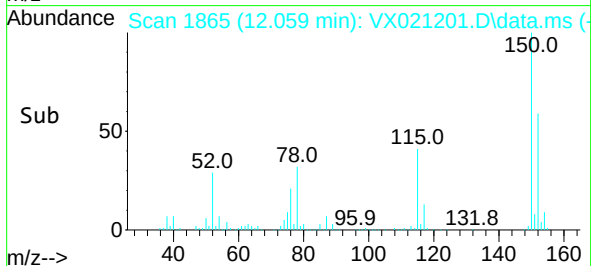
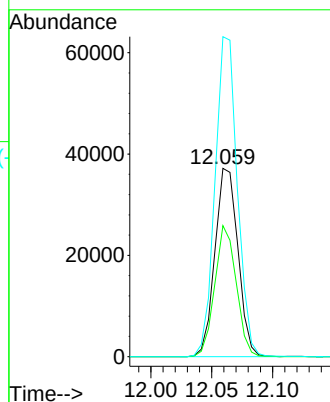
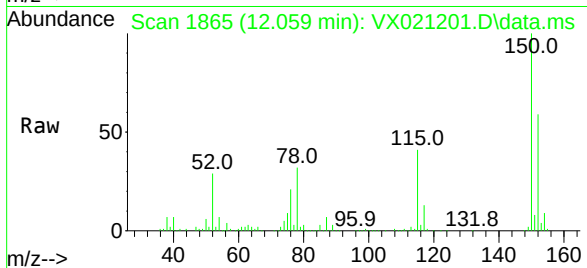




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

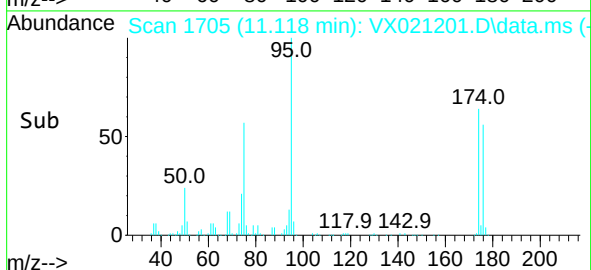
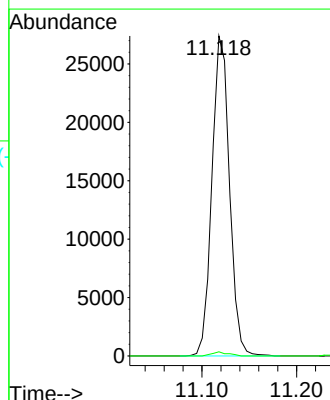
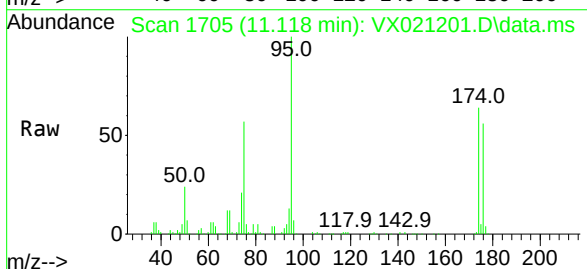
Instrument :
MSVOA_X
ClientSampled :

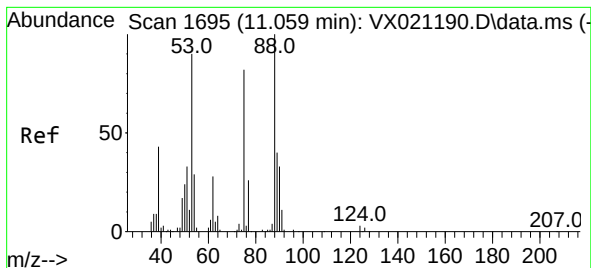
Tgt Ion:152 Resp: 49013
Ion Ratio Lower Upper
152 100
115 64.8 41.1 123.3
150 164.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.05 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

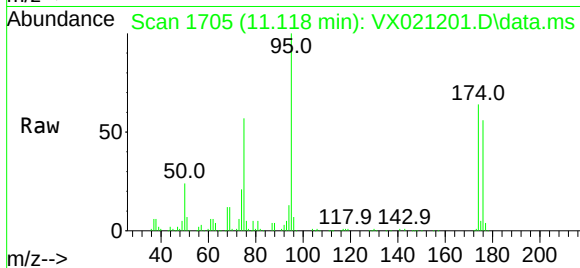
Tgt Ion: 75 Resp: 35306
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



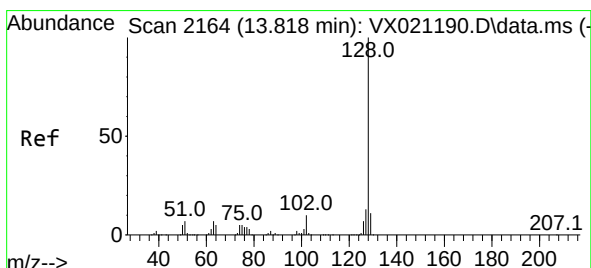
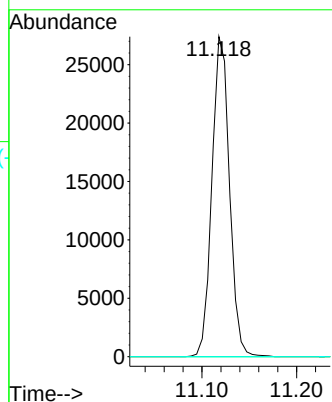
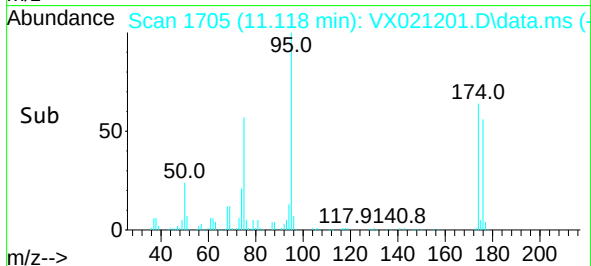


#81
trans-1,4-Dichloro-2-butene
Concen: 82.45 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55

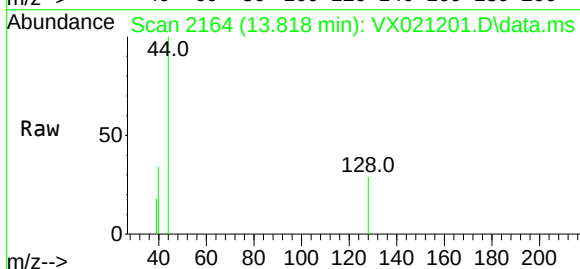
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 35306
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.50 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021201.D
Acq: 15 Mar 2021 15:55



Tgt Ion: 128 Resp: 113
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

