

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021200.D
 Acq On : 15 Mar 2021 15:31
 Operator : JC/MD
 Sample : M1583-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 03:02:11 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)

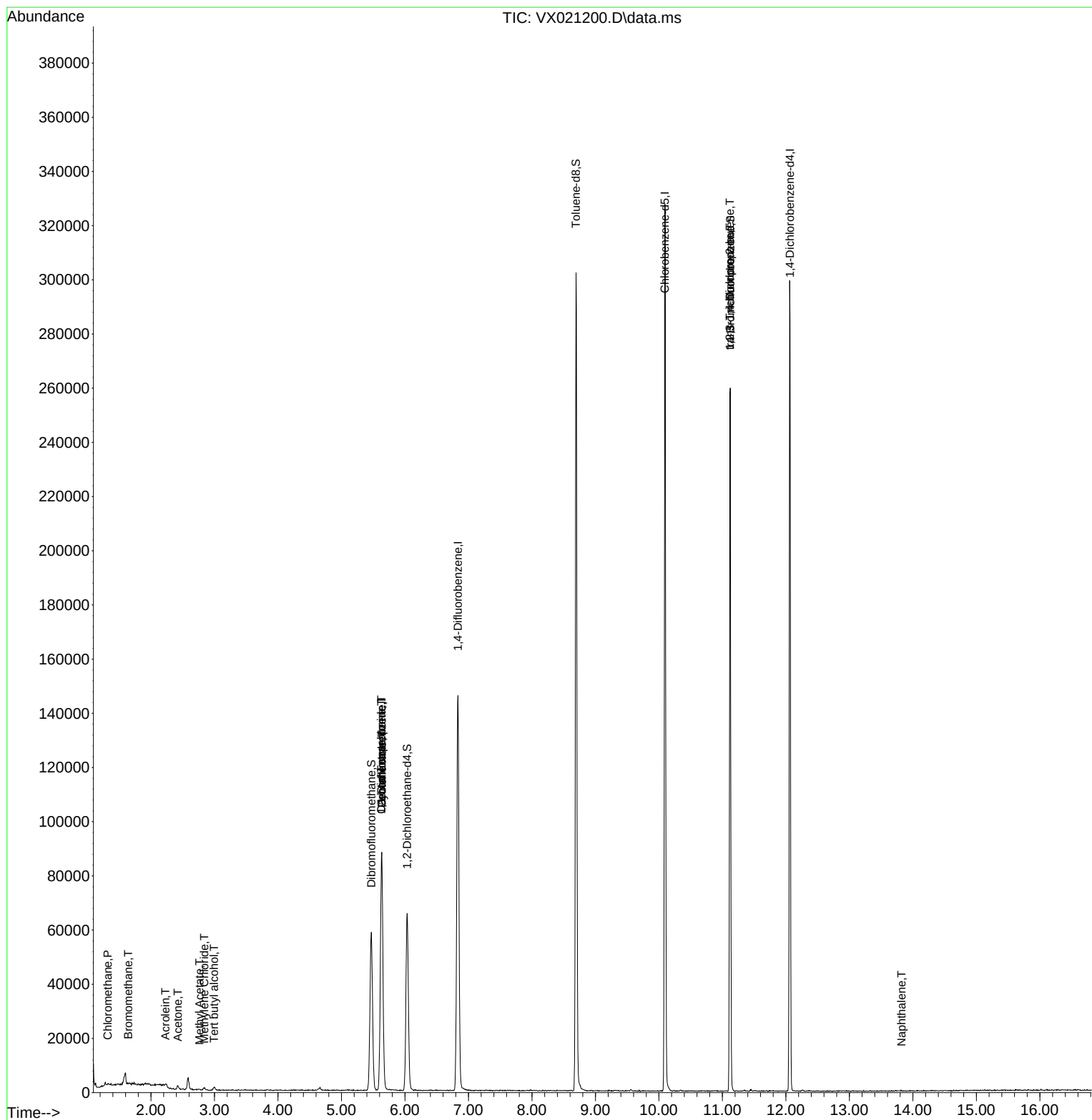
Internal Standards						
1) Pentafluorobenzene	5.635	168	75436	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	137089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	130867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	54928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	65001	50.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.06%
35) Dibromofluoromethane	5.470	113	48190	51.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.18%
50) Toluene-d8	8.694	98	172737	50.98	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.96%
62) 4-Bromofluorobenzene	11.124	95	67089	51.96	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.92%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	248	0.25	ug/l #	87
5) Bromomethane	1.640	94	189	0.34	ug/l	84
11) Tert butyl alcohol	2.993	59	768	3.43	ug/l #	73
13) Acrolein	2.228	56	63	0.46	ug/l #	1
16) Acetone	2.423	43	1701	3.29	ug/l	88
18) Methyl Acetate	2.764	43	384	0.31	ug/l #	47
20) Methylene Chloride	2.840	84	318	0.33	ug/l #	76
31) Cyclohexane	5.635	56	2170	1.33	ug/l #	36
36) 1,1-Dichloropropene	5.629	75	7004	4.88	ug/l #	50
38) Carbon Tetrachloride	5.629	117	8470	5.37	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	38794	28.48	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	38794	80.84	ug/l #	12
95) Naphthalene	13.818	128	119	1.49	ug/l #	69

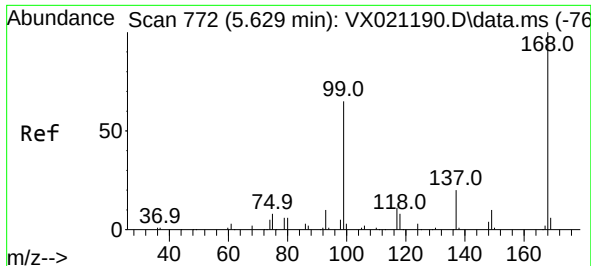
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
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Quant Time: Mar 16 03:02:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
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QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

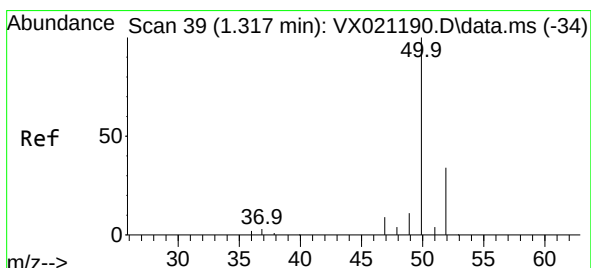
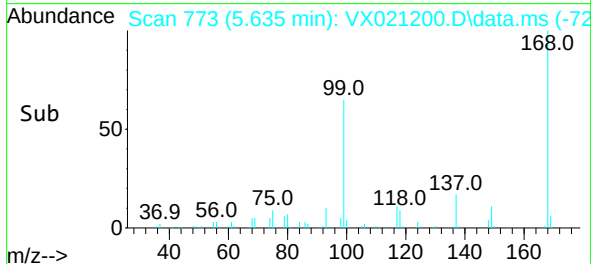
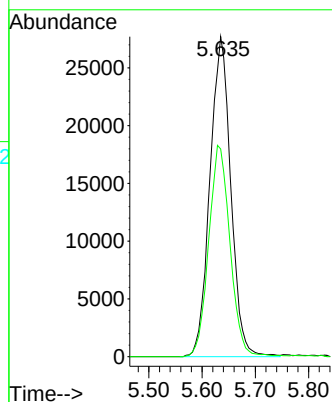
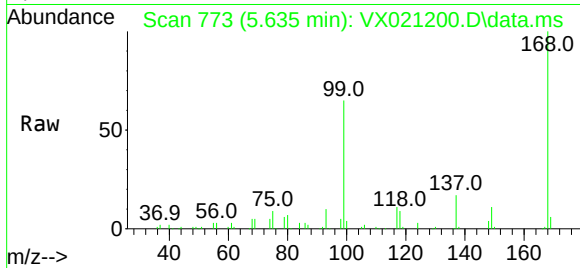




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

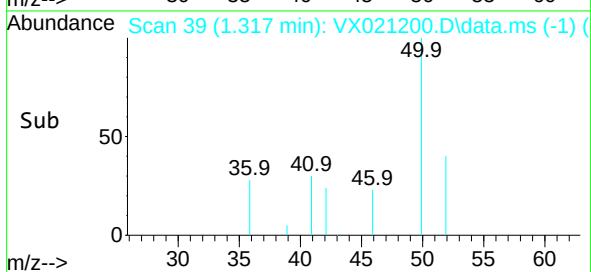
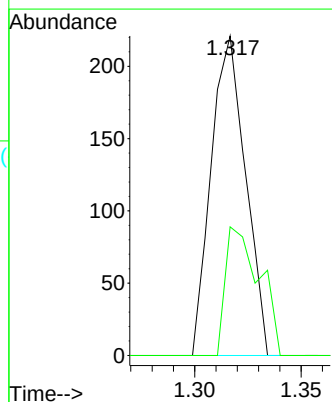
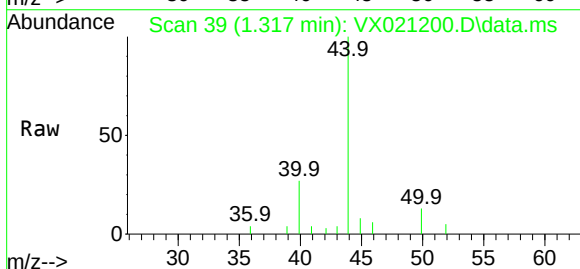
Instrument :
MSVOA_X
ClientSampleId :

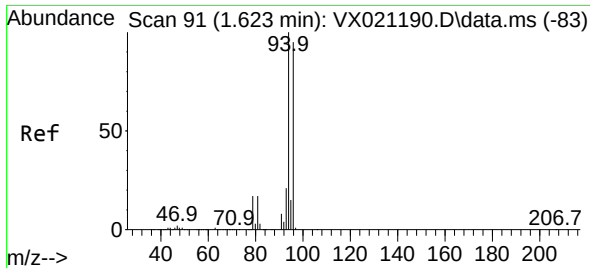
Tgt Ion:168 Resp: 75436
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

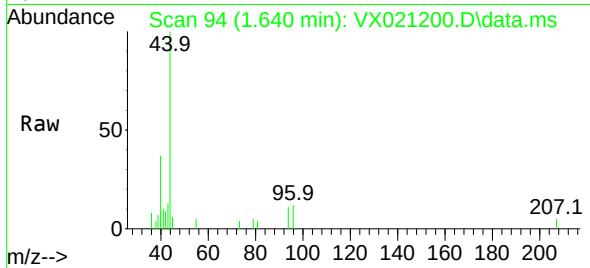
Tgt Ion: 50 Resp: 248
Ion Ratio Lower Upper
50 100
52 40.3 26.4 39.6#



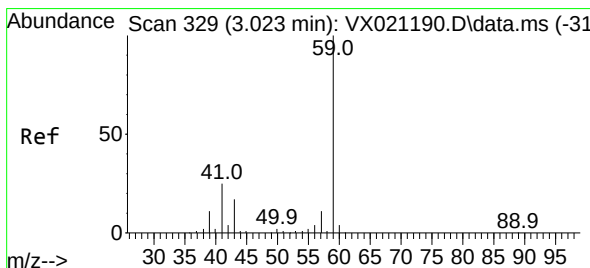
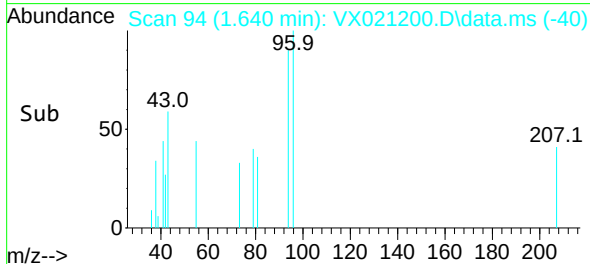
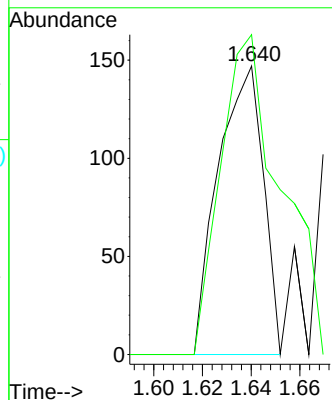


#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Instrument :
MSVOA_X
ClientSampled :

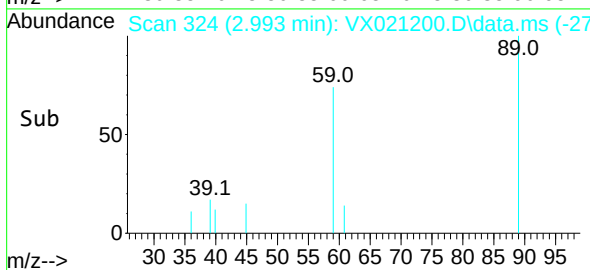
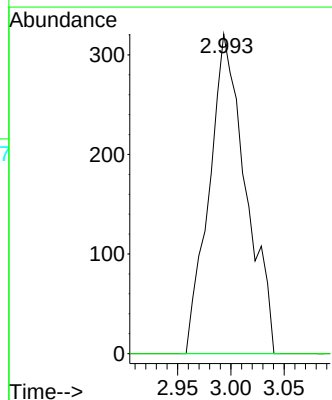
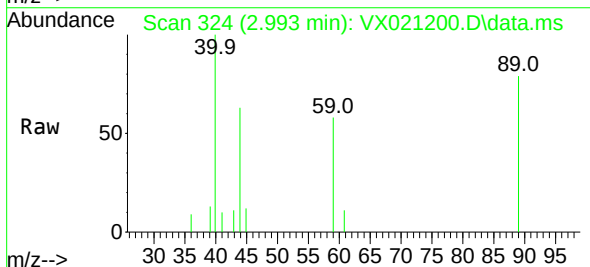


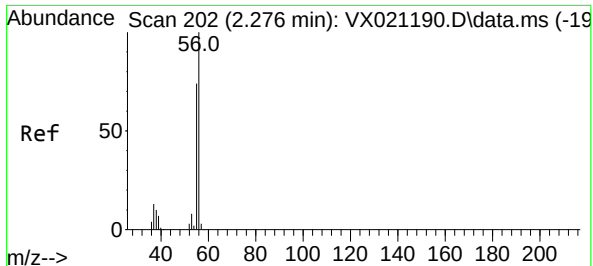
Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 110.9 76.4 114.6



#11
Tert butyl alcohol
Concen: 3.43 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Tgt Ion: 59 Resp: 768
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.46 ug/l

RT: 2.228 min Scan# 194

Delta R.T. -0.047 min

Lab File: VX021200.D

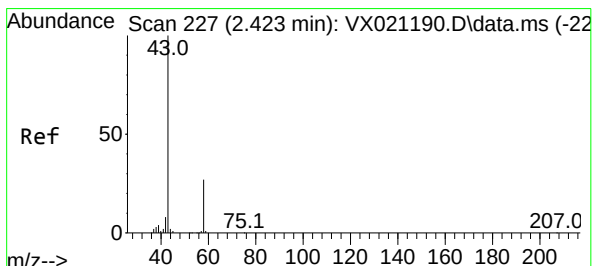
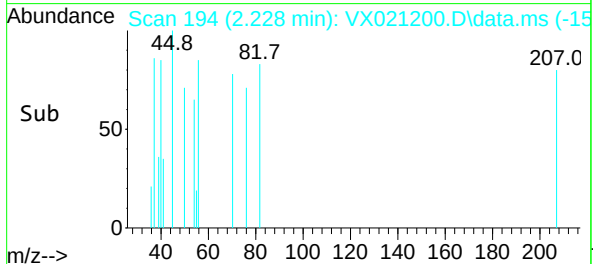
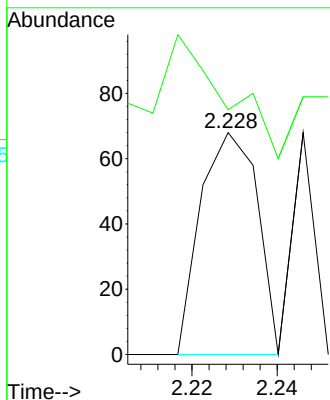
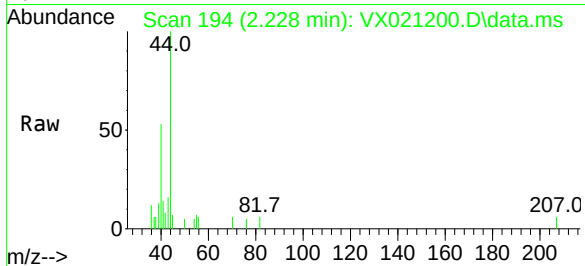
Acq: 15 Mar 2021 15:31

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 396.8 56.4 84.6#



#16

Acetone

Concen: 3.29 ug/l

RT: 2.423 min Scan# 227

Delta R.T. -0.000 min

Lab File: VX021200.D

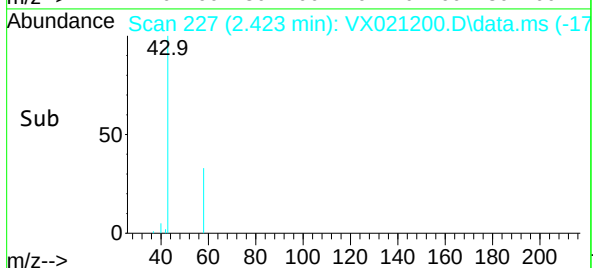
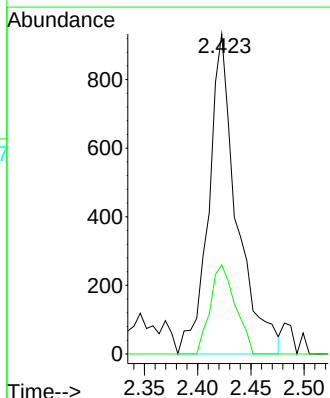
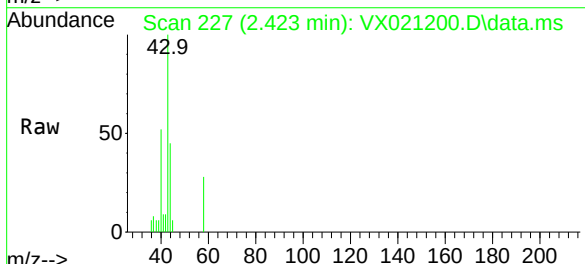
Acq: 15 Mar 2021 15:31

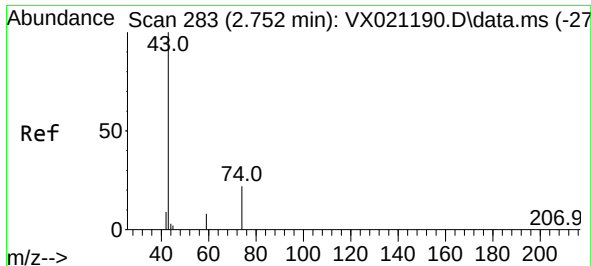
Tgt Ion: 43 Resp: 1701

Ion Ratio Lower Upper

43 100

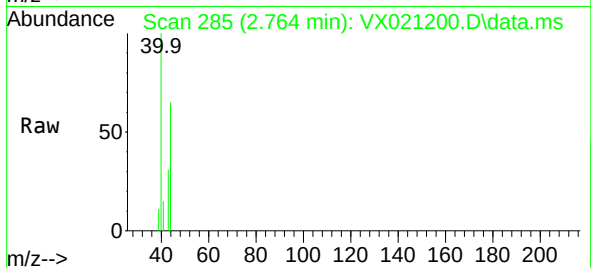
58 27.9 27.8 41.8



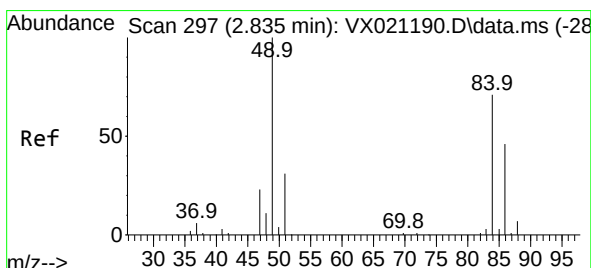
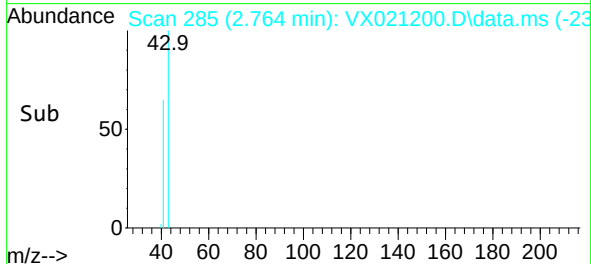
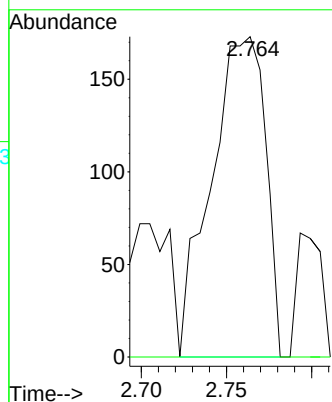


#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.764 min Scan# 285
Delta R.T. 0.012 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Instrument :
MSVOA_X
ClientSampled :

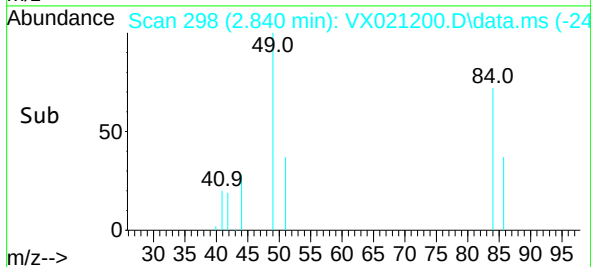
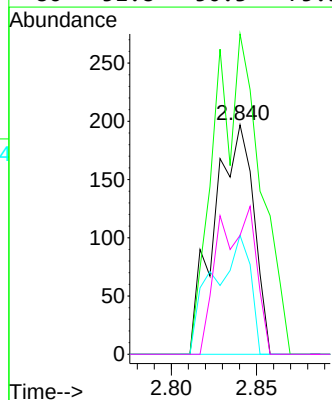
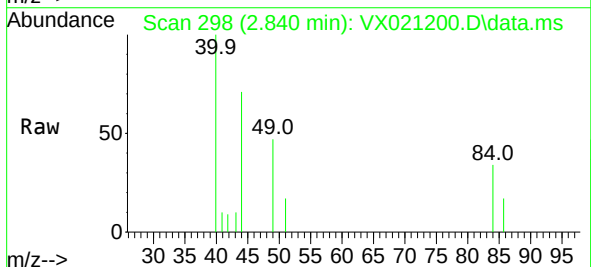


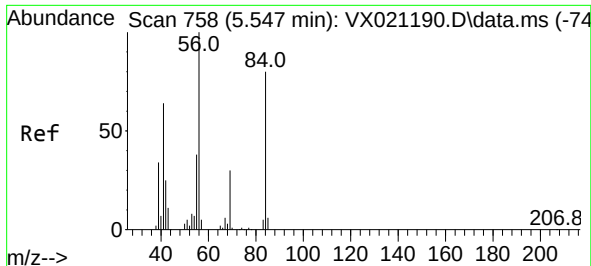
Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

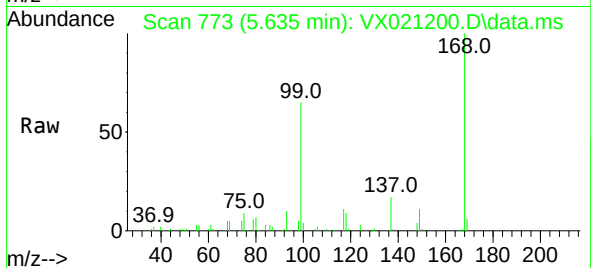
Tgt Ion: 84 Resp: 318
Ion Ratio Lower Upper
84 100
49 139.6 88.6 132.8#
51 51.8 27.0 40.6#
86 51.8 50.3 75.5



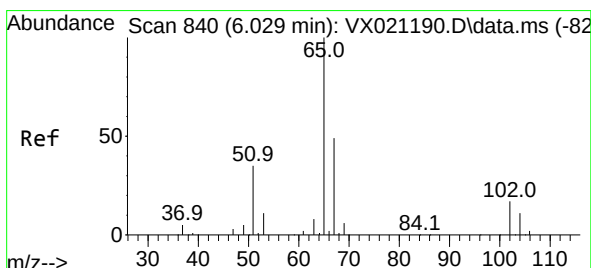
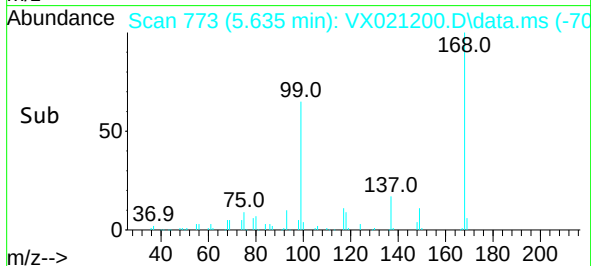
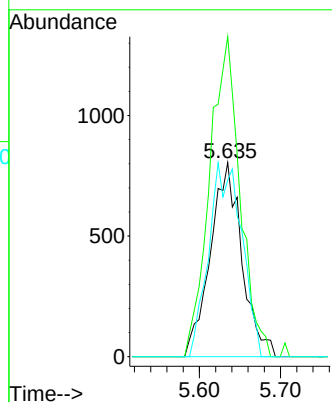


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :

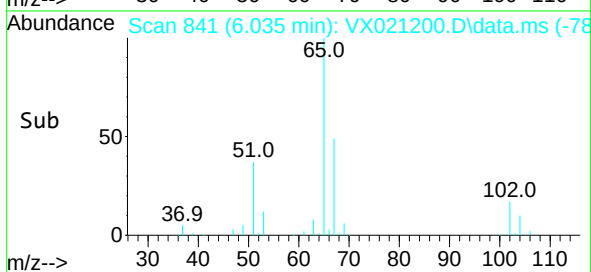
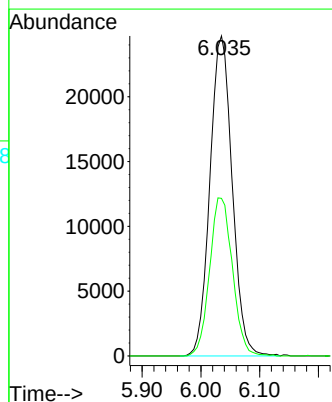
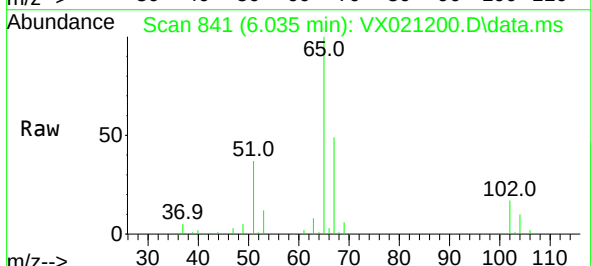


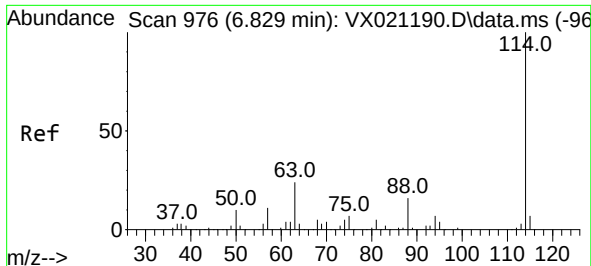
Tgt Ion: 56 Resp: 2170
Ion Ratio Lower Upper
56 100
69 164.8 25.3 37.9#
84 90.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.53 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Tgt Ion: 65 Resp: 65001
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

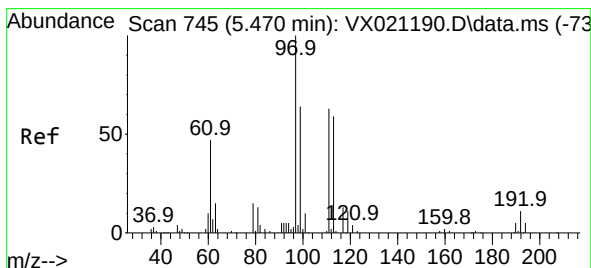
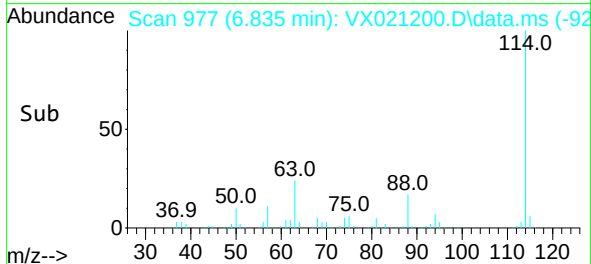
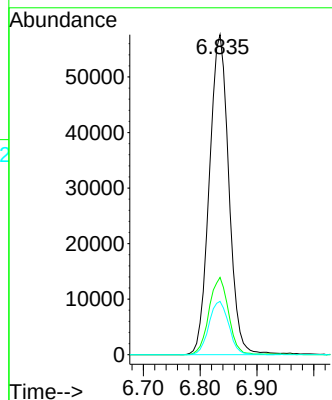
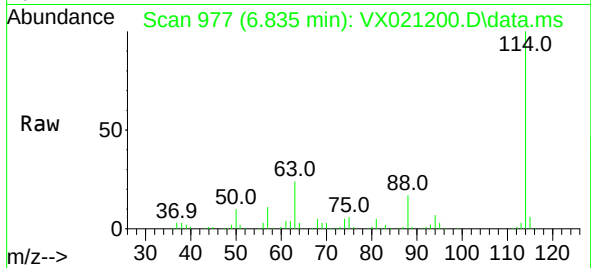




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

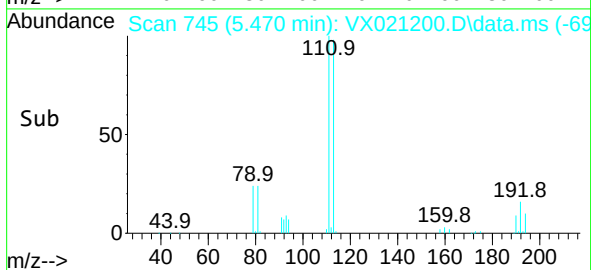
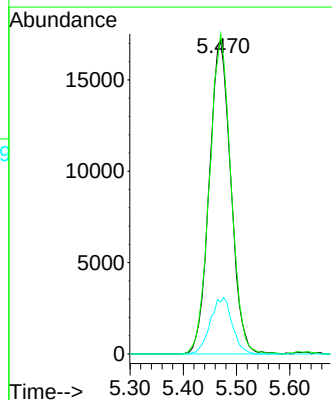
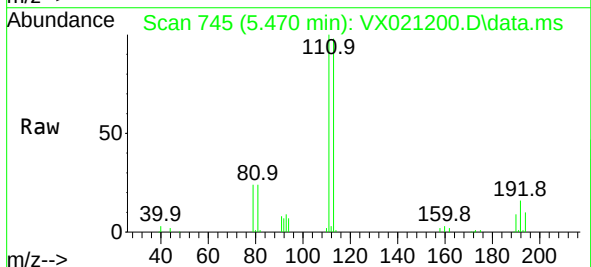
Instrument :
MSVOA_X
ClientSampled :

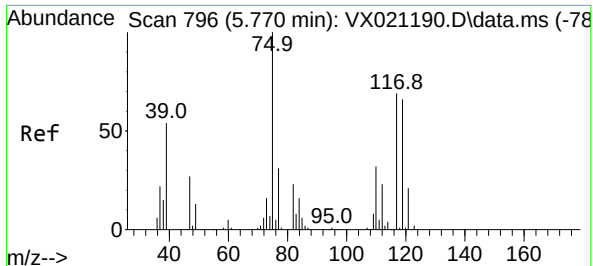
Tgt Ion:114 Resp: 137089
Ion Ratio Lower Upper
114 100
63 24.1 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.09 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Tgt Ion:113 Resp: 48190
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 18.2 16.7 25.1

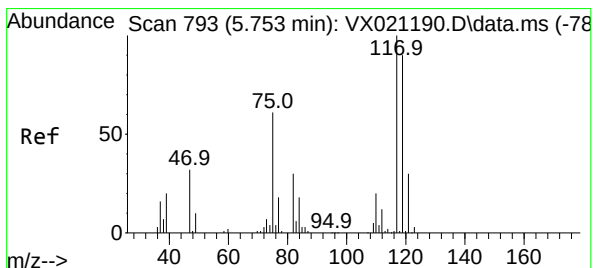
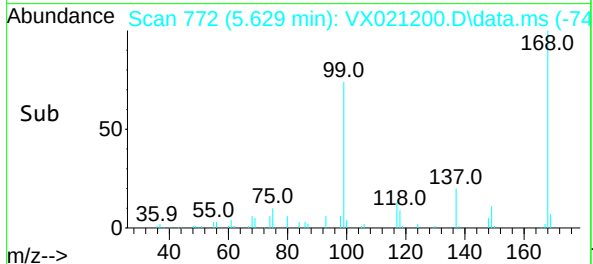
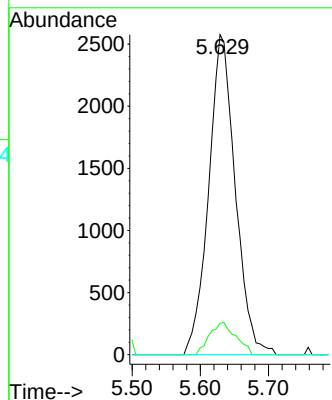
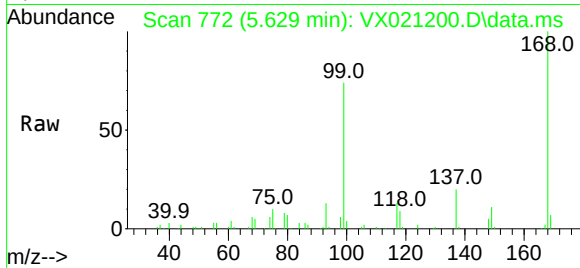




#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

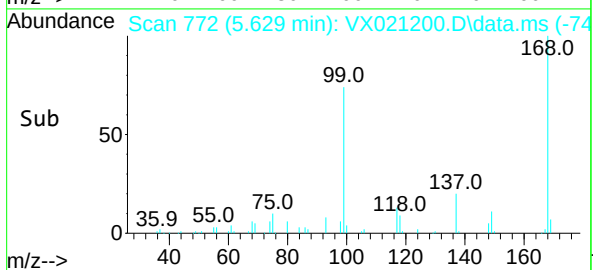
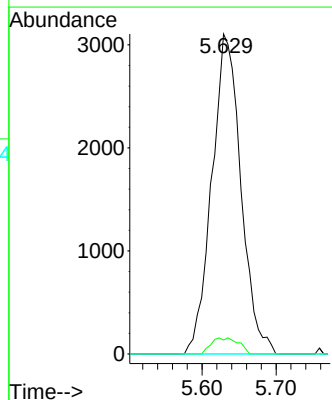
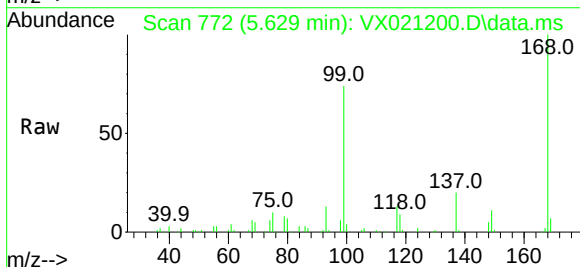
Instrument :
MSVOA_X
ClientSampled :

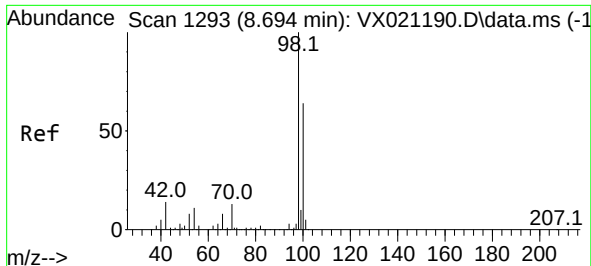
Tgt Ion: 75 Resp: 7004
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Tgt Ion: 117 Resp: 8470
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

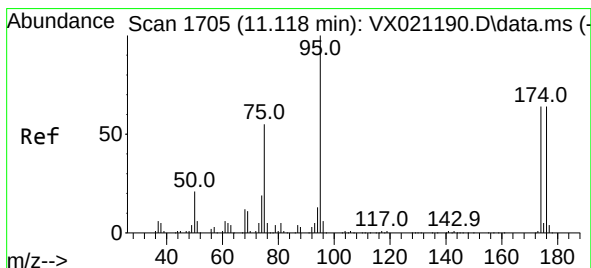
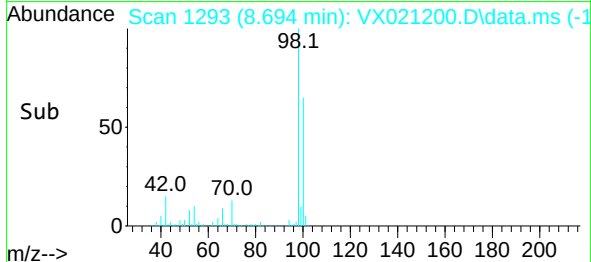
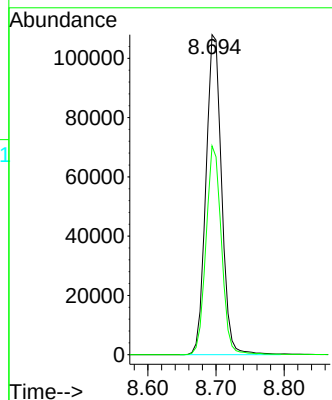
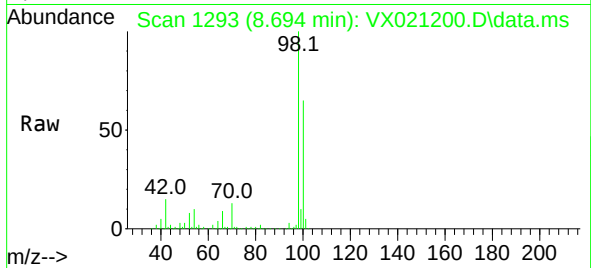




#50
Toluene-d8
Concen: 50.98 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

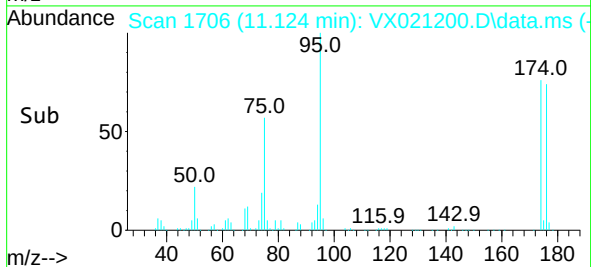
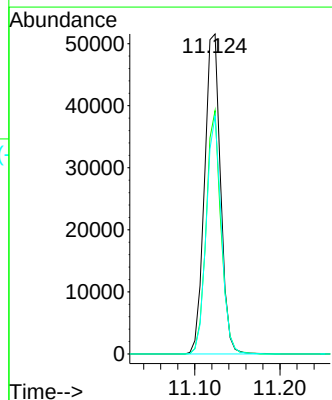
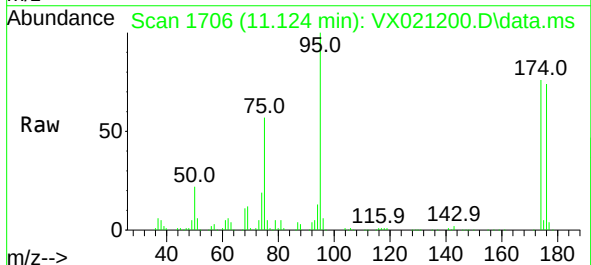
Instrument :
MSVOA_X
ClientSampled :

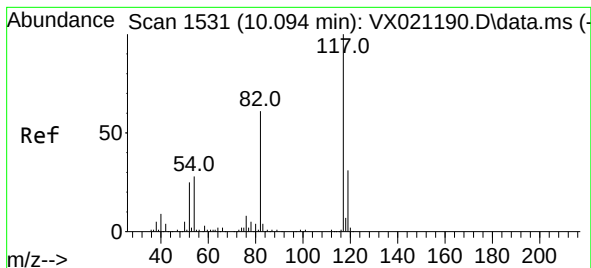
Tgt Ion: 98 Resp: 172737
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.96 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Tgt Ion: 95 Resp: 67089
Ion Ratio Lower Upper
95 100
174 70.5 0.0 154.6
176 70.0 0.0 155.8

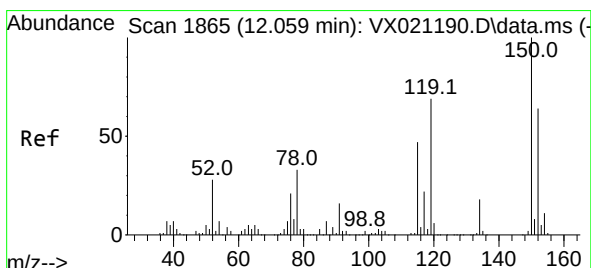
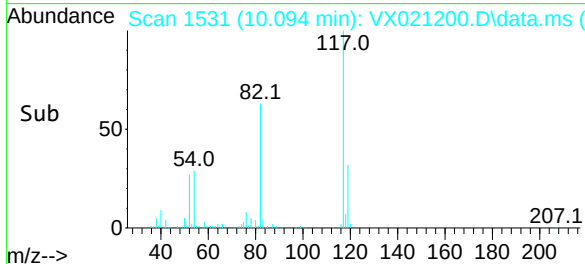
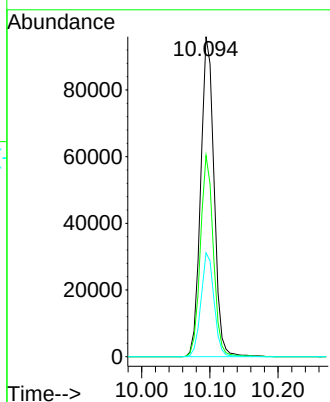
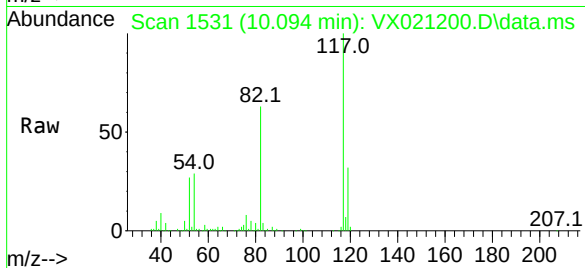




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

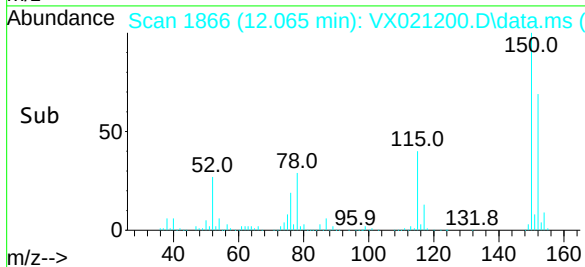
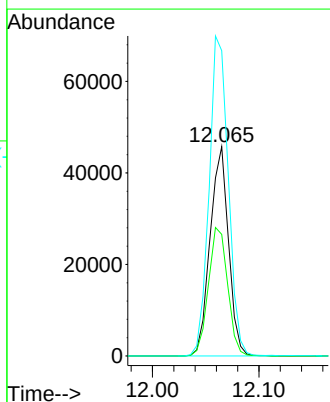
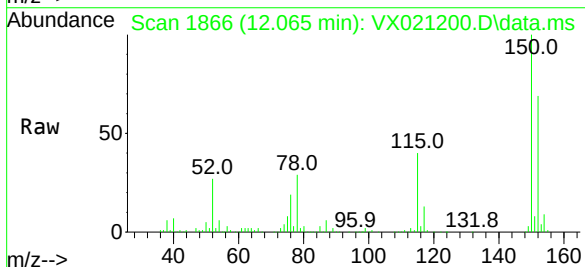
Instrument :
MSVOA_X
ClientSampled :

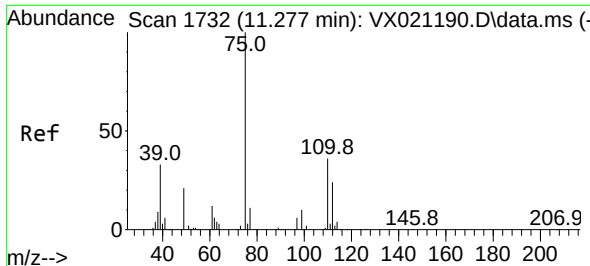
Tgt Ion:117 Resp: 130867
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Tgt Ion:152 Resp: 54928
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 159.1 0.0 349.0

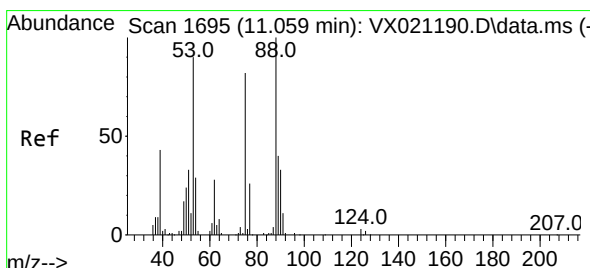
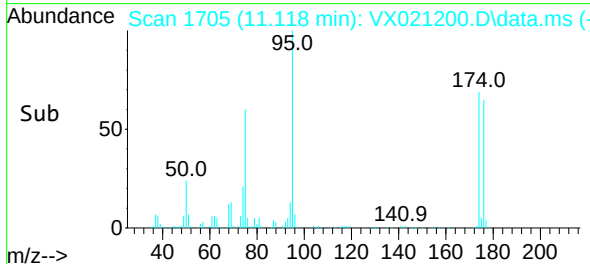
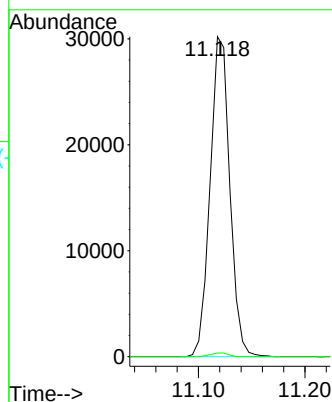
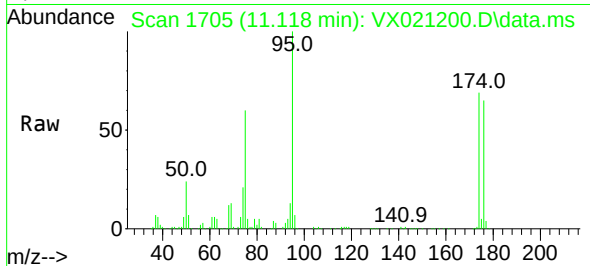




#76
1,2,3-Trichloropropane
Concen: 28.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

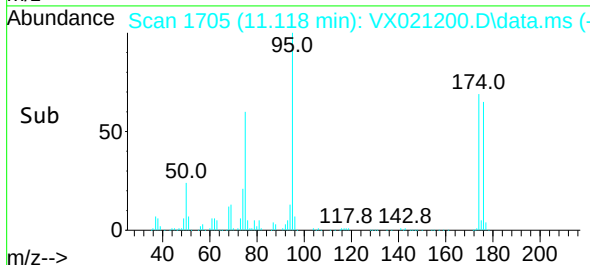
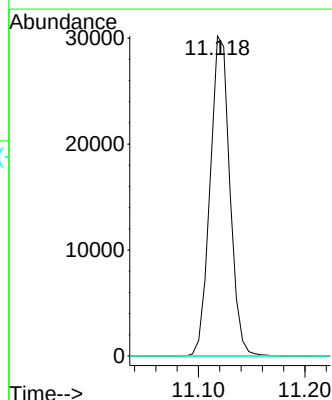
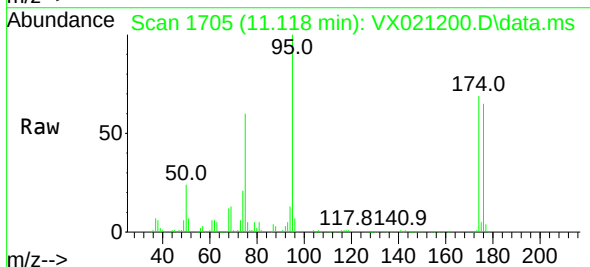
Instrument :
MSVOA_X
ClientSampled :

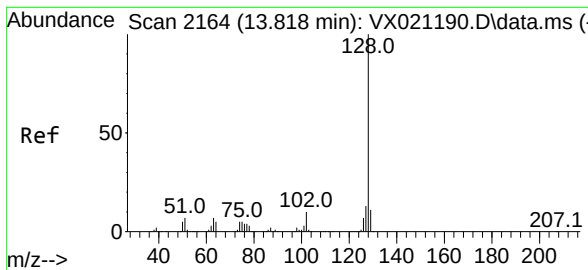
Tgt Ion: 75 Resp: 38794
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.84 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

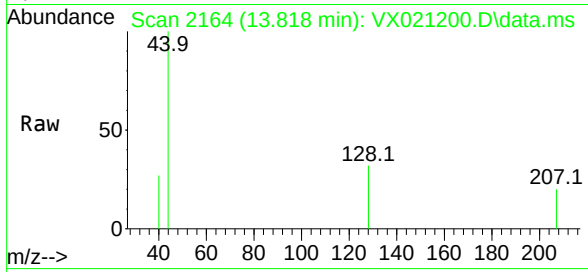
Tgt Ion: 75 Resp: 38794
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.49 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021200.D
Acq: 15 Mar 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 119
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

