

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021206.D
 Acq On : 15 Mar 2021 17:44
 Operator : JC/MD
 Sample : M1673-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 03:03:56 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	68426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	129366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61278	52.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.04%
35) Dibromofluoromethane	5.464	113	44173	49.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.26%
50) Toluene-d8	8.694	98	163602	51.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.34%
62) 4-Bromofluorobenzene	11.118	95	64582	53.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.00%

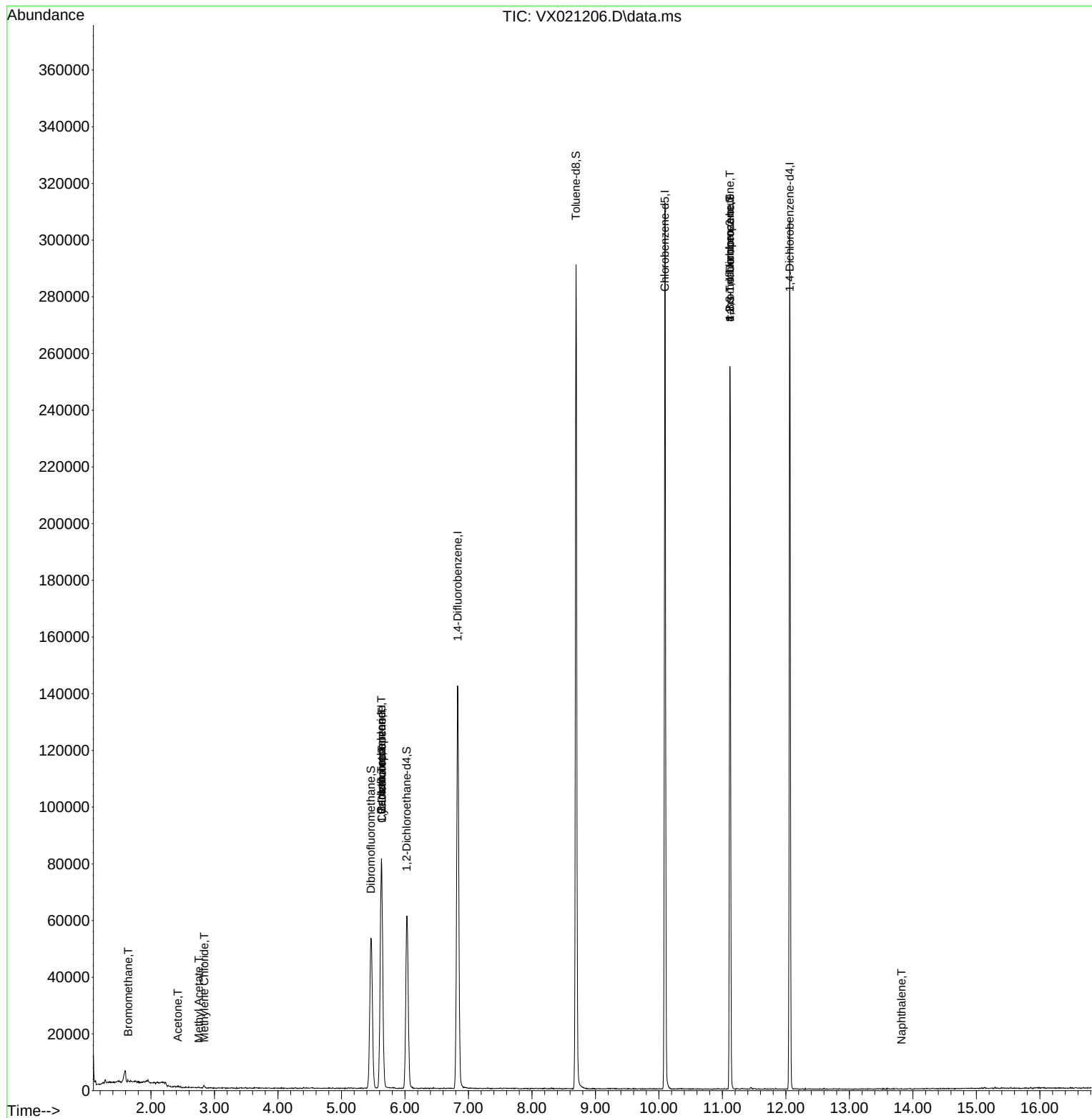
Target Compounds						Qvalue
5) Bromomethane	1.640	94	135	0.27	ug/l	86
16) Acetone	2.423	43	504	1.07	ug/l #	75
18) Methyl Acetate	2.752	43	404	0.36	ug/l #	47
20) Methylene Chloride	2.840	84	265	0.30	ug/l #	83
31) Cyclohexane	5.635	56	2104	1.43	ug/l #	41
36) 1,1-Dichloropropene	5.635	75	6661	4.91	ug/l #	49
38) Carbon Tetrachloride	5.629	117	7891	5.30	ug/l #	15
76) 1,2,3-Trichloropropane	11.118	75	36806	27.11	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	36806	76.93	ug/l #	12
95) Naphthalene	13.818	128	34	1.47	ug/l #	69

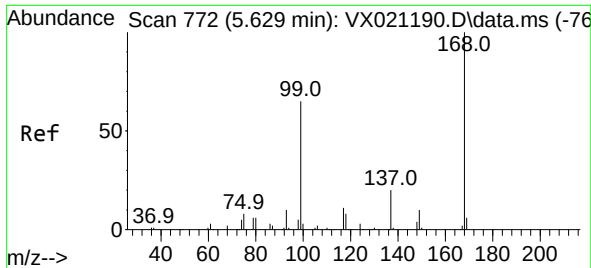
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

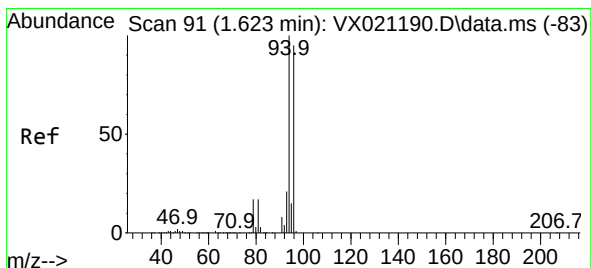
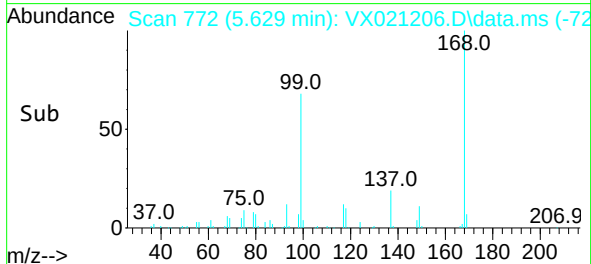
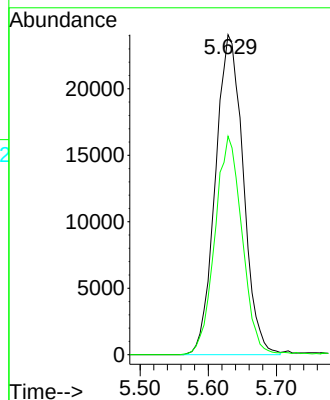
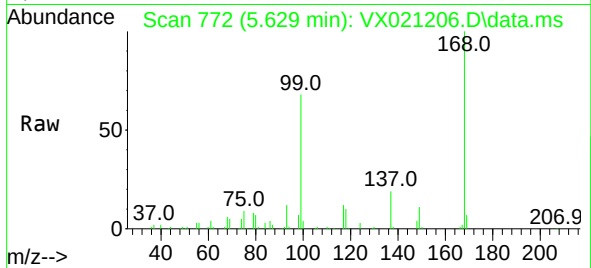




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

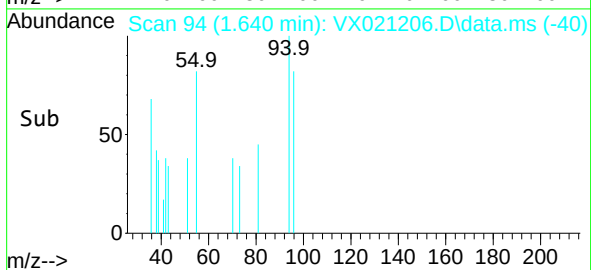
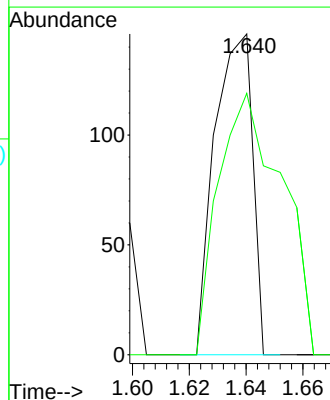
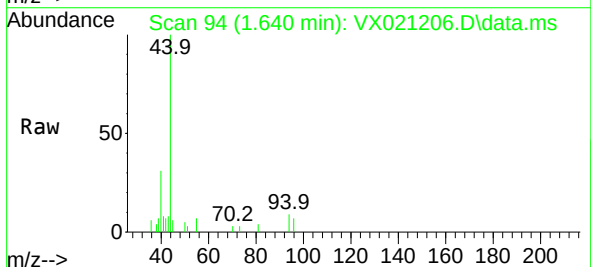
Instrument :
MSVOA_X
ClientSampled :

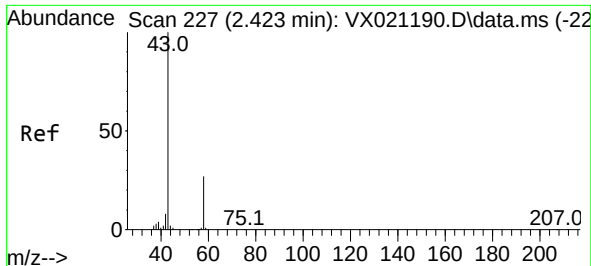
Tgt Ion:168 Resp: 68426
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

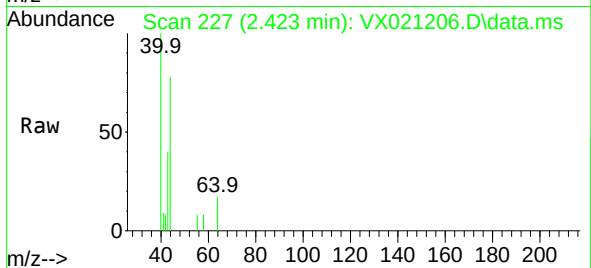
Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 81.5 76.4 114.6



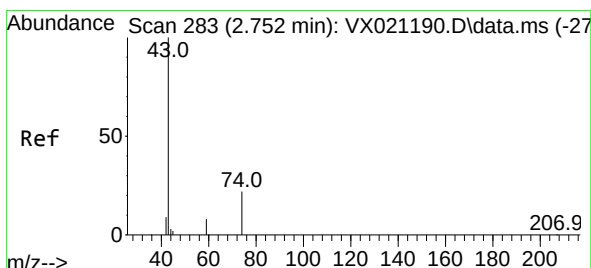
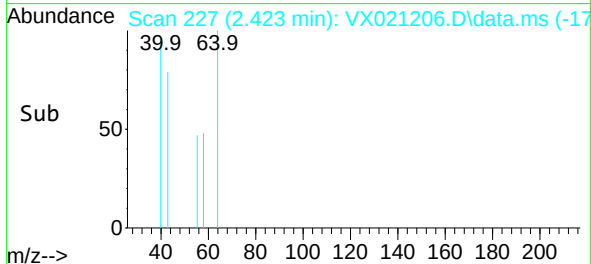
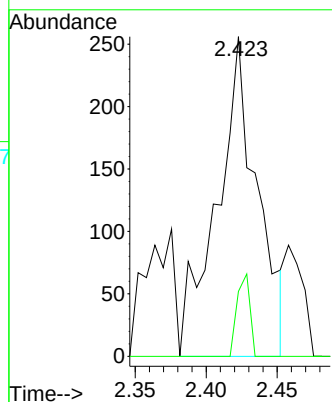


#16
Acetone
Concen: 1.07 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

Instrument :
MSVOA_X
ClientSampled :

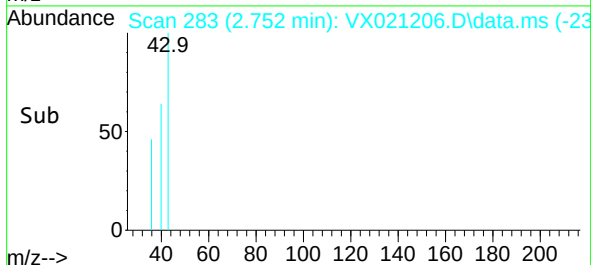
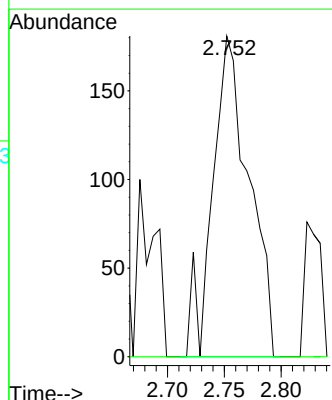
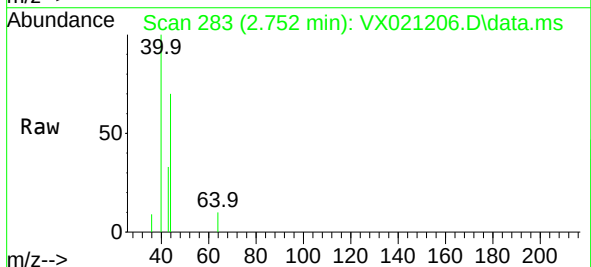


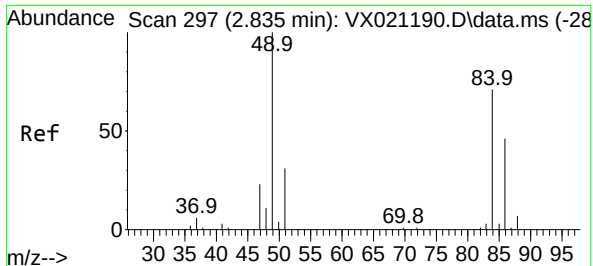
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 20.3 27.8 41.8#



#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.30 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021206.D

Acq: 15 Mar 2021 17:44

Tgt Ion: 84 Resp: 265

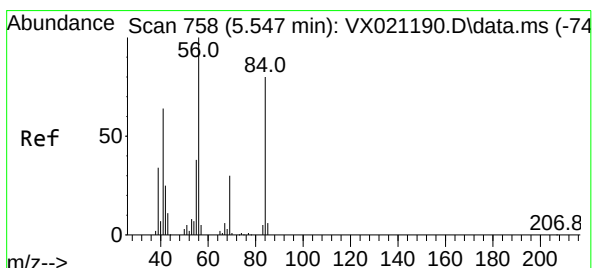
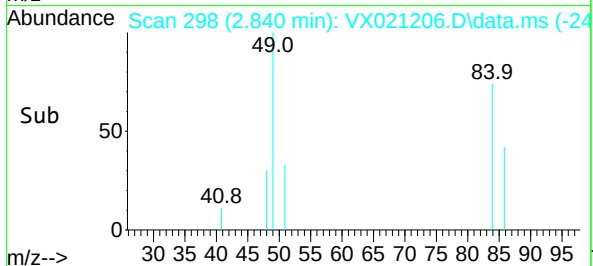
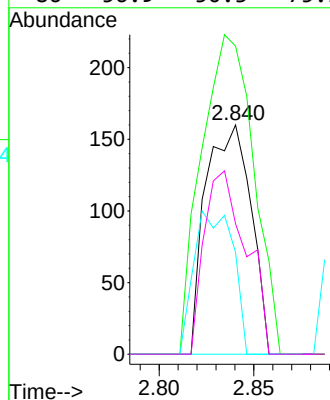
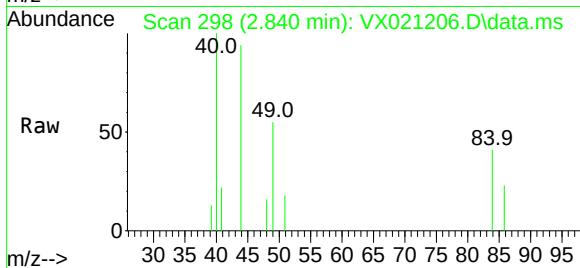
Ion Ratio Lower Upper

84 100

49 134.4 88.6 132.8#

51 44.4 27.0 40.6#

86 56.9 50.3 75.5



#31

Cyclohexane

Concen: 1.43 ug/l

RT: 5.635 min Scan# 773

Delta R.T. 0.088 min

Lab File: VX021206.D

Acq: 15 Mar 2021 17:44

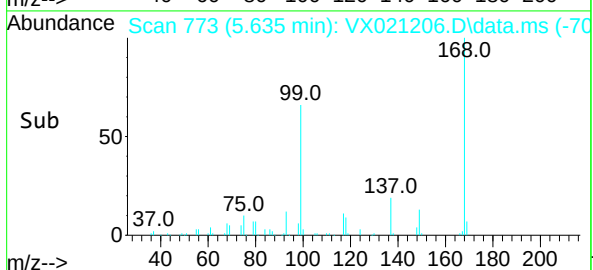
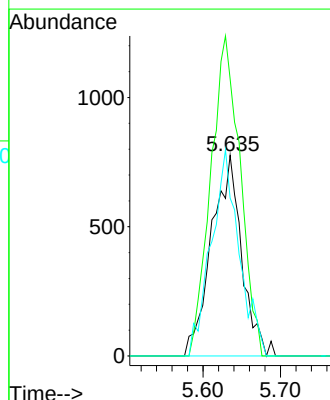
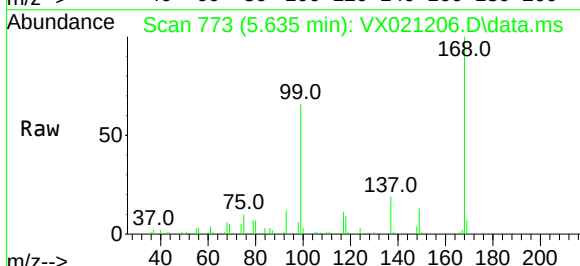
Tgt Ion: 56 Resp: 2104

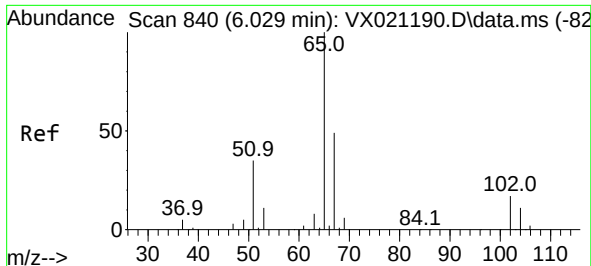
Ion Ratio Lower Upper

56 100

69 138.1 25.3 37.9#

84 78.7 71.4 107.0

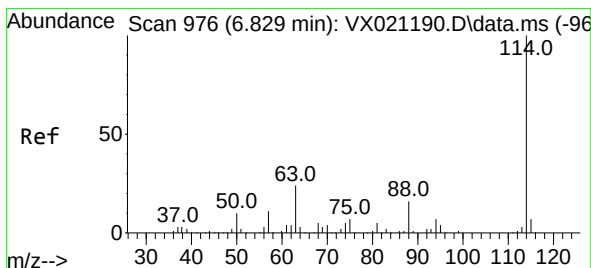
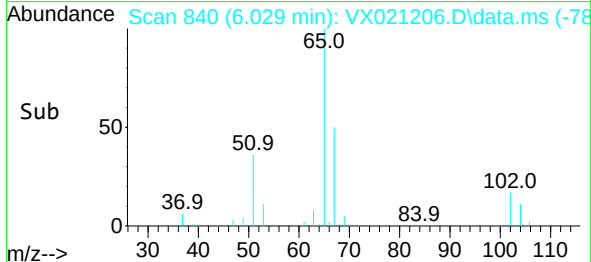
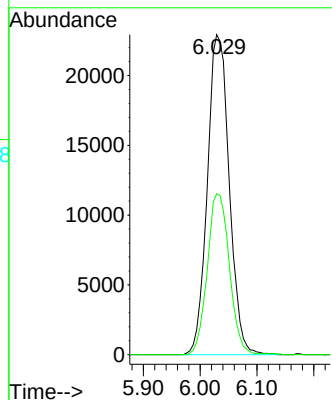
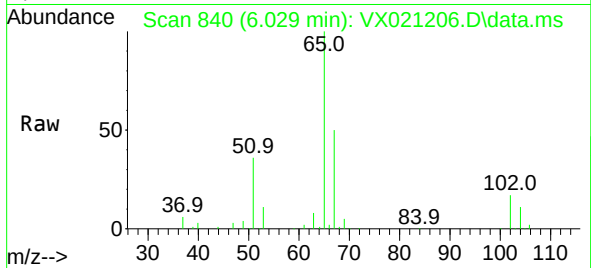




#33
 1,2-Dichloroethane-d4
 Concen: 52.52 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021206.D
 Acq: 15 Mar 2021 17:44

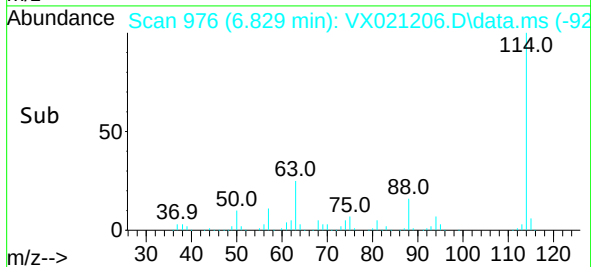
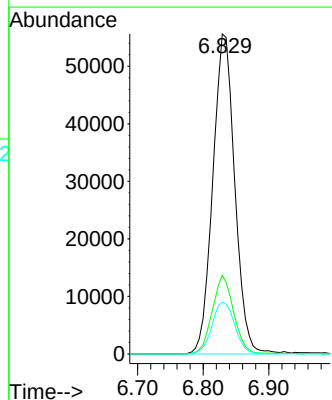
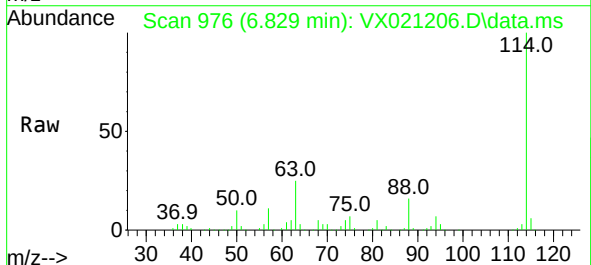
Instrument :
 MSVOA_X
 ClientSampled :

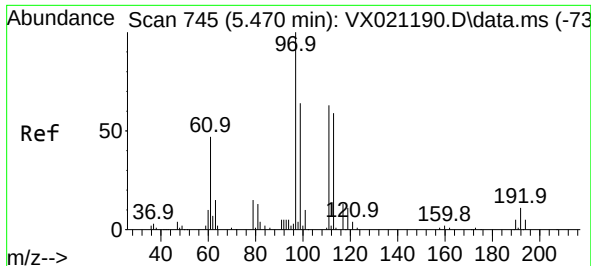
Tgt Ion: 65 Resp: 61278
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021206.D
 Acq: 15 Mar 2021 17:44

Tgt Ion:114 Resp: 129366
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 40.8
 88 16.2 0.0 32.8

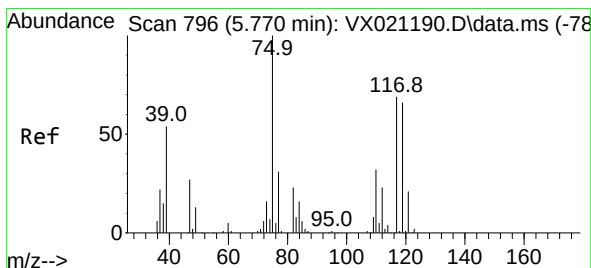
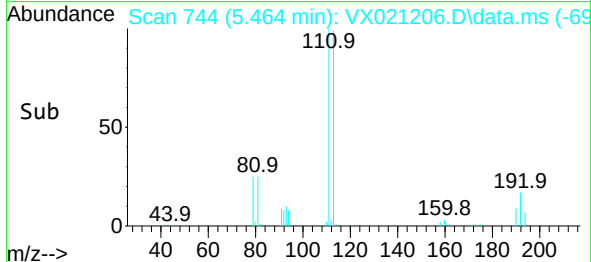
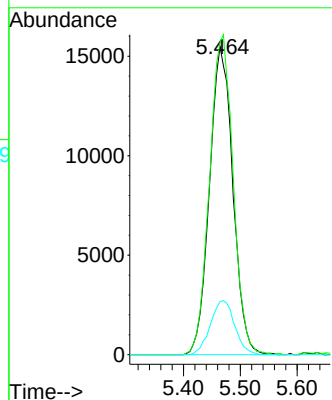
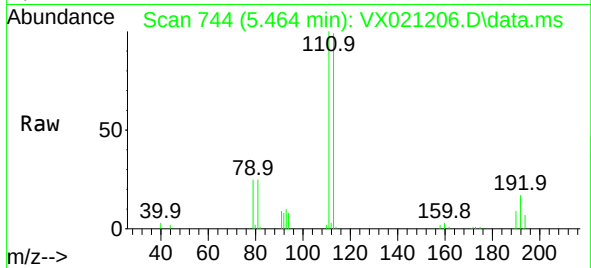




#35
Dibromofluoromethane
Concen: 49.63 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

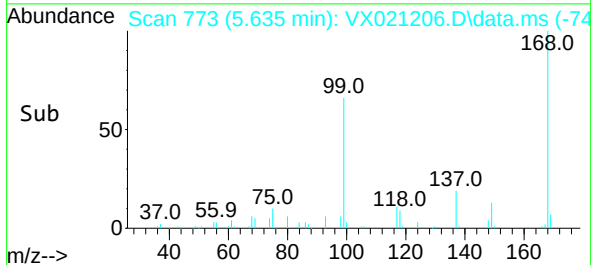
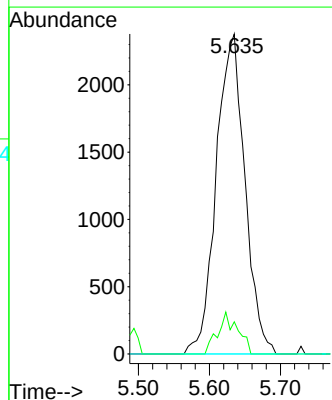
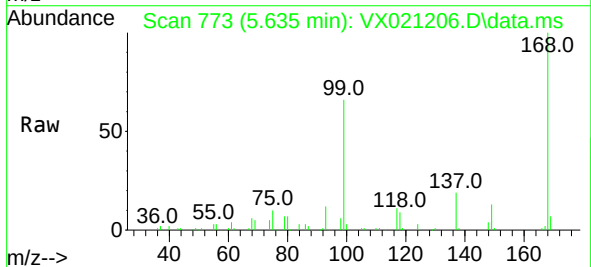
Instrument :
MSVOA_X
ClientSampled :

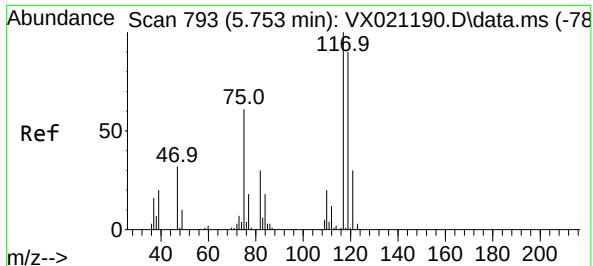
Tgt Ion:113 Resp: 44173
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 18.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

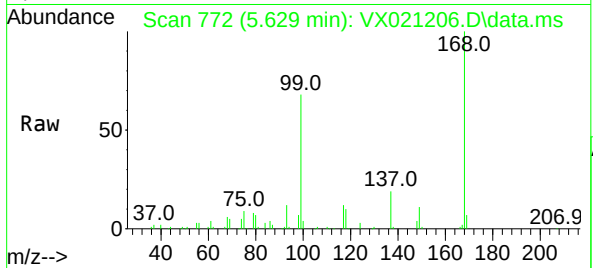
Tgt Ion: 75 Resp: 6661
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



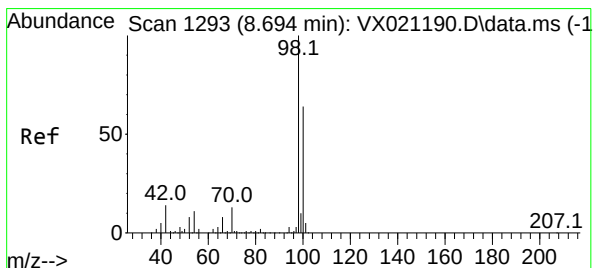
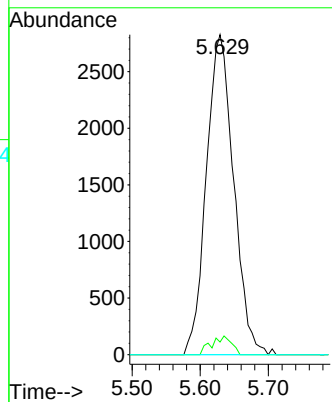
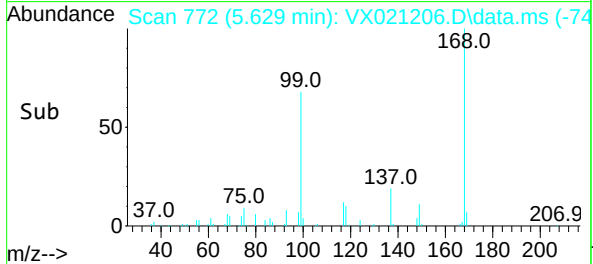


#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

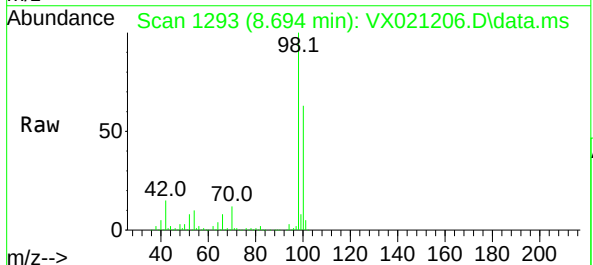
Instrument :
MSVOA_X
ClientSampleId :



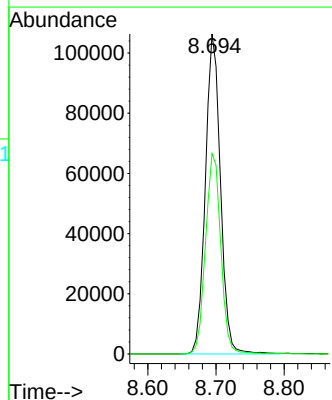
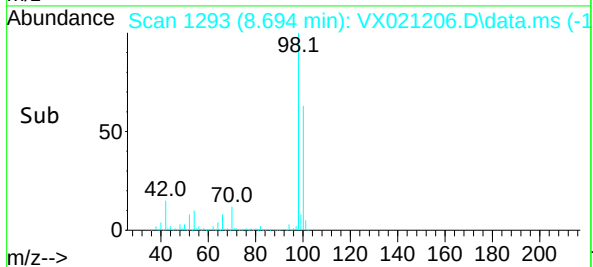
Tgt Ion:117 Resp: 7891
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

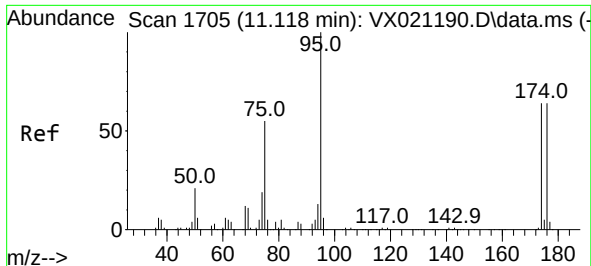


#50
Toluene-d8
Concen: 51.17 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44



Tgt Ion: 98 Resp: 163602
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

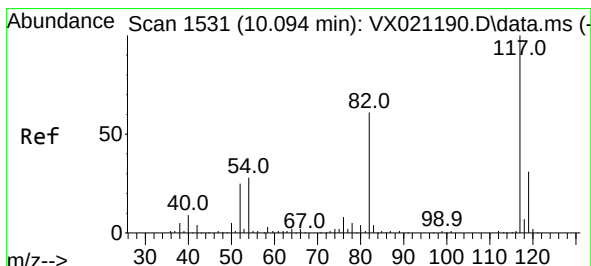
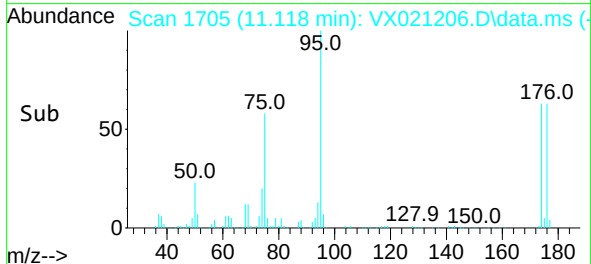
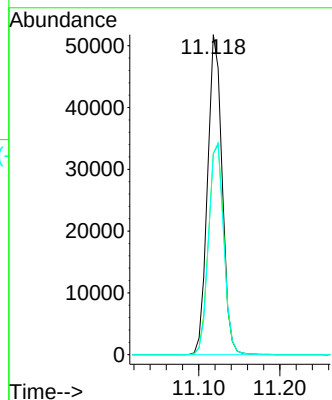
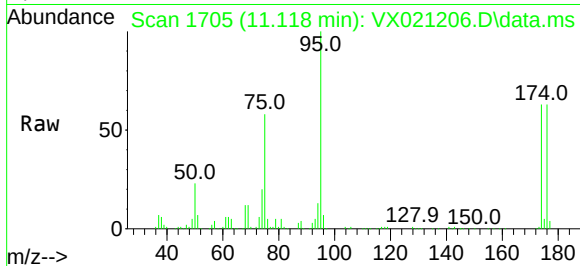




#62
4-Bromofluorobenzene
Concen: 53.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

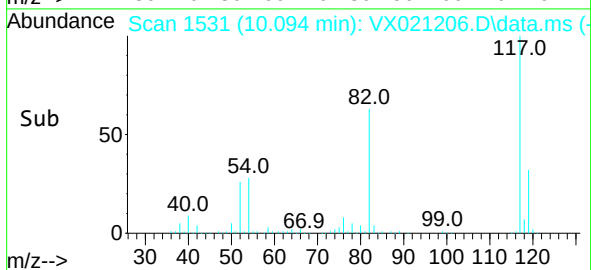
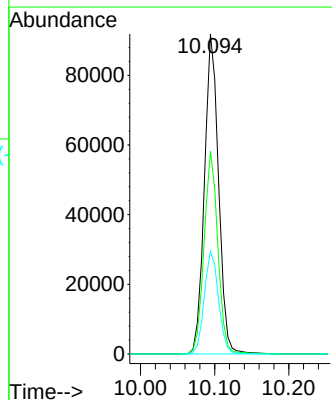
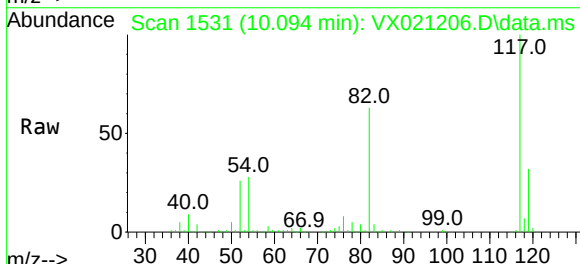
Instrument :
MSVOA_X
ClientSampleId :

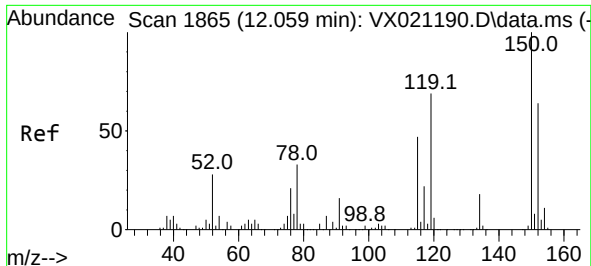
Tgt Ion: 95 Resp: 64582
Ion Ratio Lower Upper
95 100
174 69.2 0.0 154.6
176 68.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 117 Resp: 121878
Ion Ratio Lower Upper
117 100
82 63.4 47.4 71.2
119 32.1 26.6 39.8

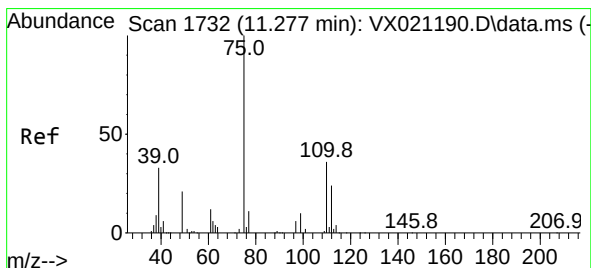
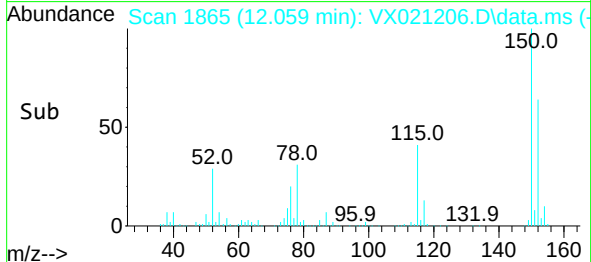
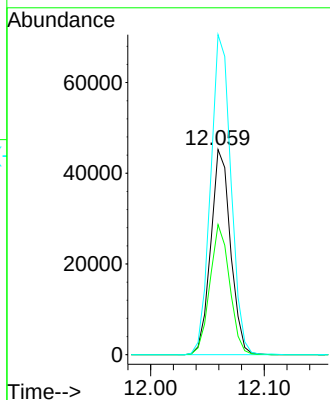
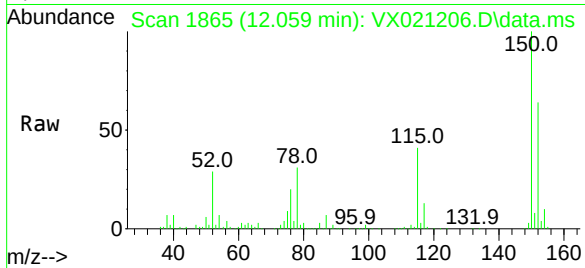




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

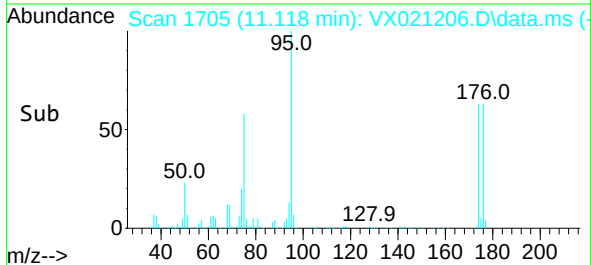
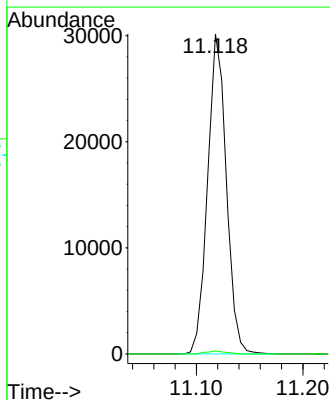
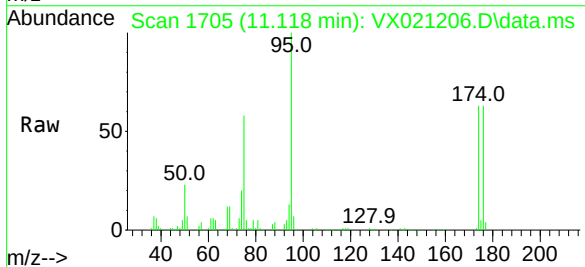
Instrument :
MSVOA_X
ClientSampled :

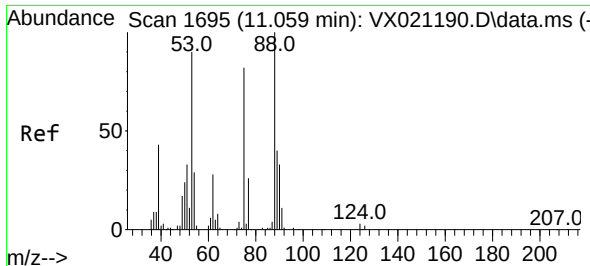
Tgt Ion:152 Resp: 54762
Ion Ratio Lower Upper
152 100
115 63.1 41.1 123.3
150 160.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

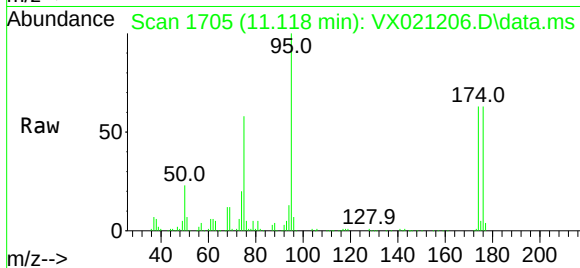
Tgt Ion: 75 Resp: 36806
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



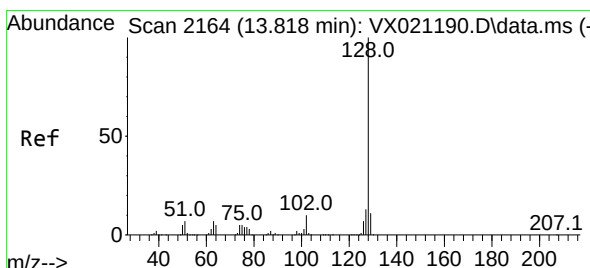
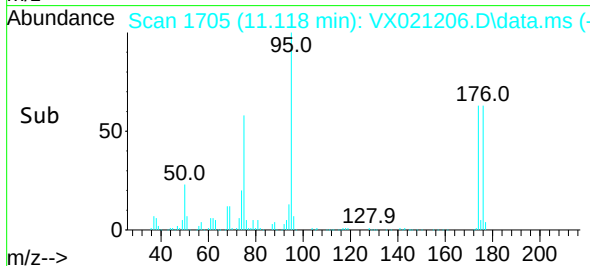
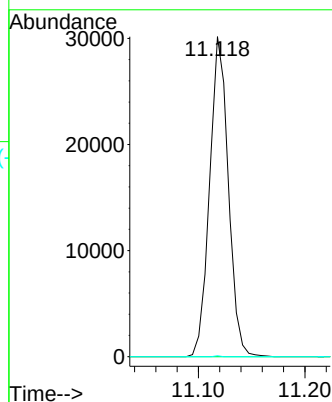


#81
trans-1,4-Dichloro-2-butene
Concen: 76.93 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 36806
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.47 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021206.D
Acq: 15 Mar 2021 17:44

Tgt Ion: 128 Resp: 34
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

