

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021486.D
 Acq On : 25 Mar 2021 15:19
 Operator : JC/MD
 Sample : M1758-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:14:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

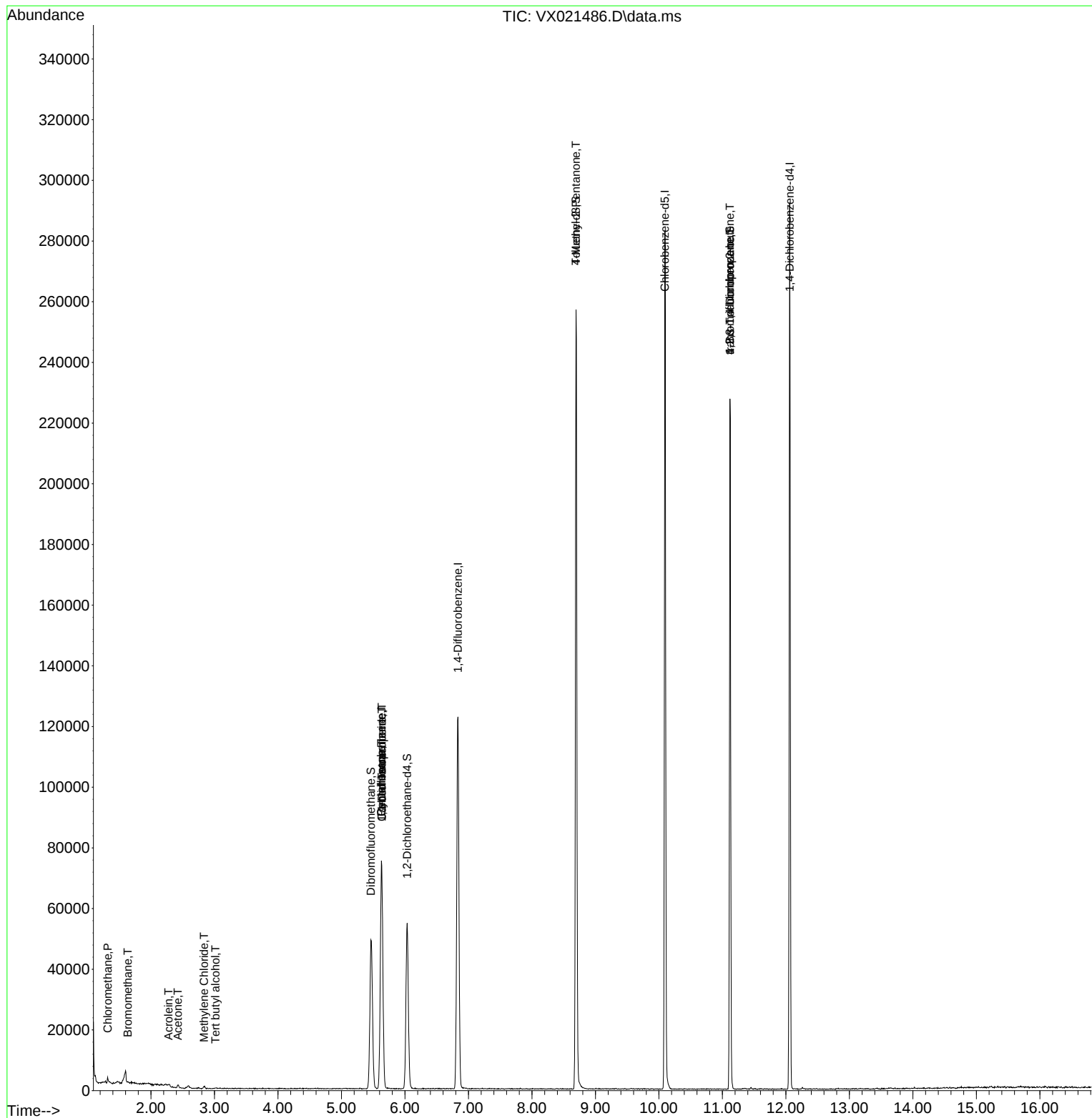
Internal Standards						
1) Pentafluorobenzene	5.629	168	63903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	115406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	53992	50.78	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.56%		
35) Dibromofluoromethane	5.464	113	40929	49.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.86%		
50) Toluene-d8	8.694	98	147242	50.40	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.80%		
62) 4-Bromofluorobenzene	11.118	95	59924	52.76	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.52%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	2178	2.74	ug/l	96
5) Bromomethane	1.634	94	98	0.34	ug/l	90
11) Tert butyl alcohol	3.017	59	107	0.61	ug/l #	73
13) Acrolein	2.276	56	19	4.51	ug/l #	64
16) Acetone	2.423	43	1131	2.81	ug/l #	73
20) Methylene Chloride	2.834	84	314	0.40	ug/l #	78
31) Cyclohexane	5.629	56	1906	1.63	ug/l #	65
36) 1,1-Dichloropropene	5.635	75	5887	5.21	ug/l #	49
38) Carbon Tetrachloride	5.635	117	6852	5.64	ug/l #	19
51) 4-Methyl-2-Pentanone	8.694	43	928	0.71	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	33945	28.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33945	85.34	ug/l #	12

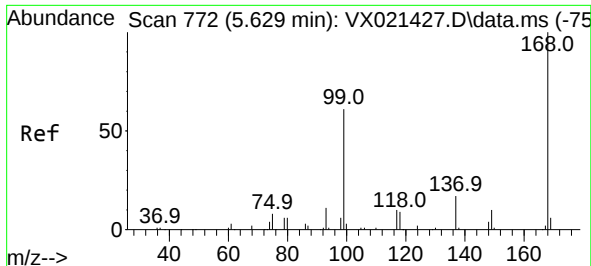
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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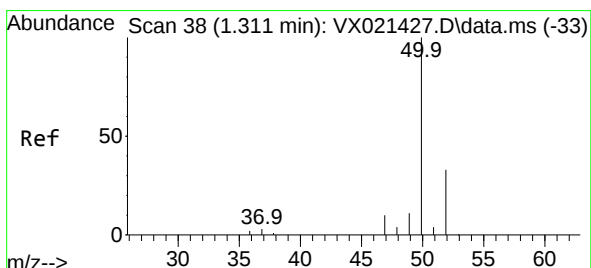
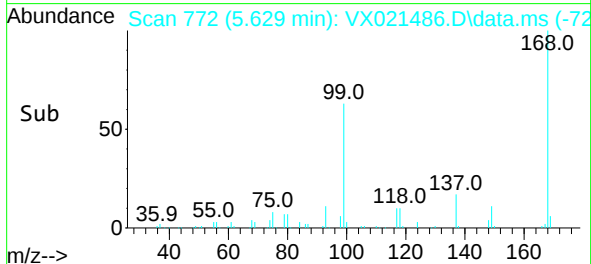
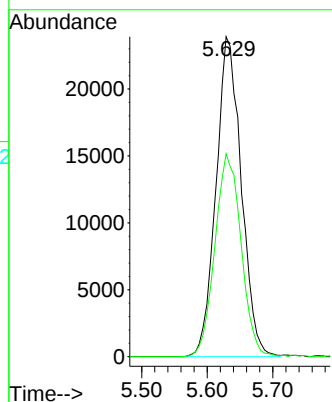
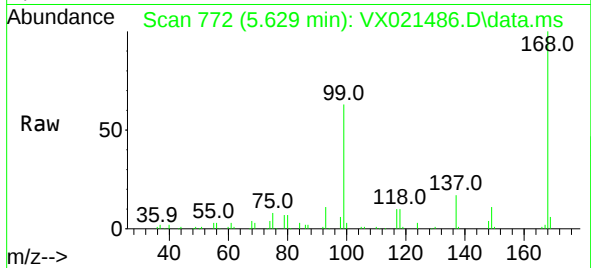




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

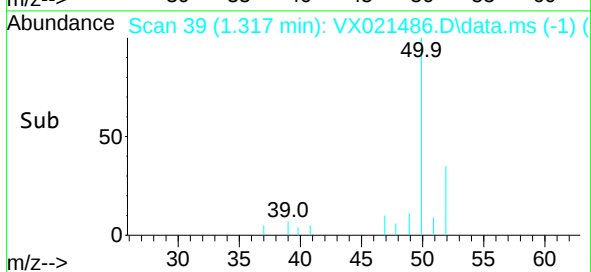
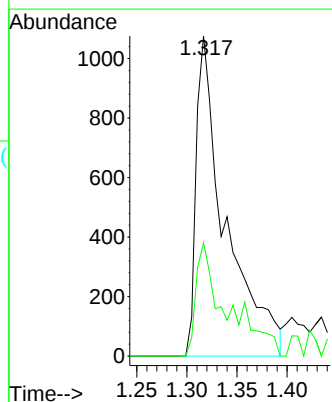
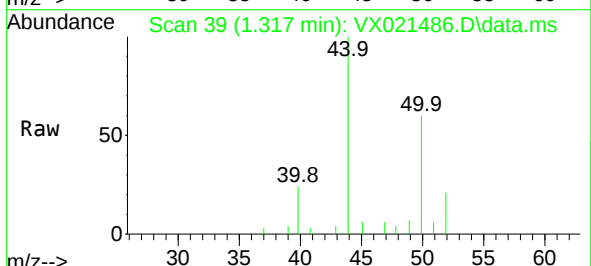
Instrument :
MSVOA_X
ClientSampled :

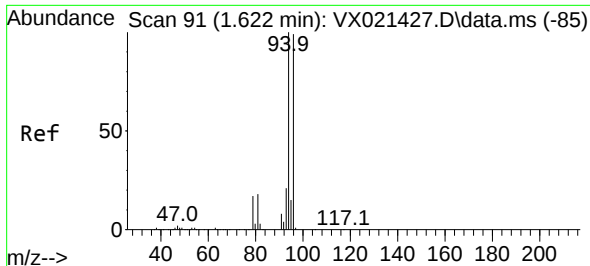
Tgt Ion:168 Resp: 63903
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#3
Chloromethane
Concen: 2.74 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

Tgt Ion: 50 Resp: 2178
Ion Ratio Lower Upper
50 100
52 35.3 26.4 39.6

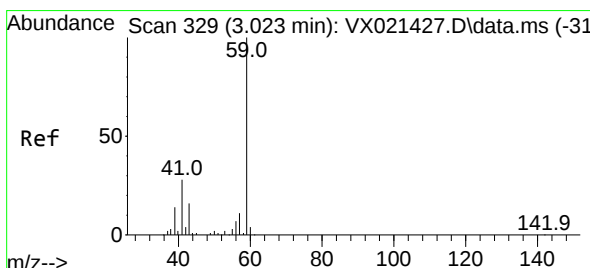
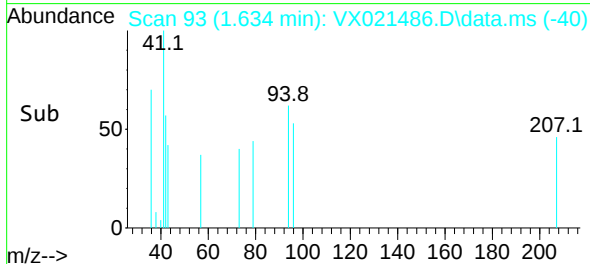
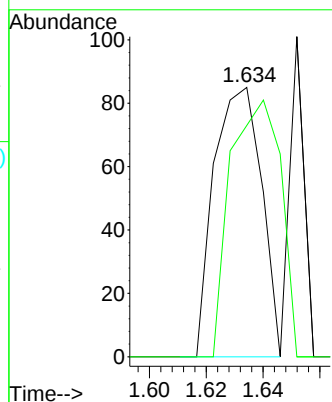
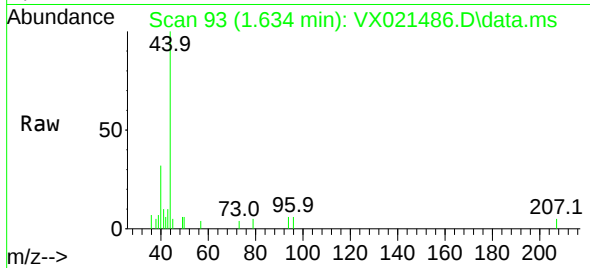




#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

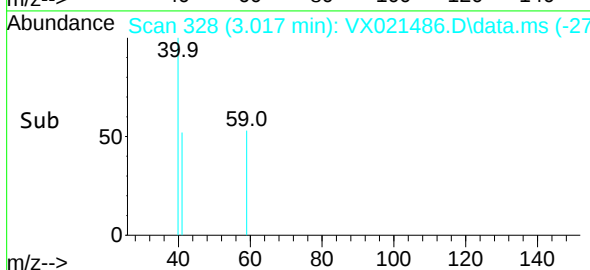
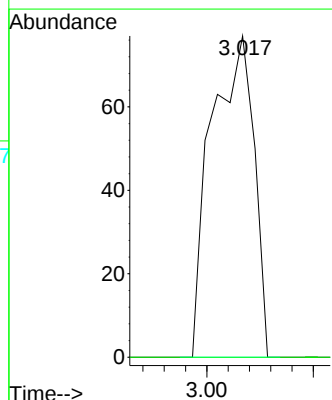
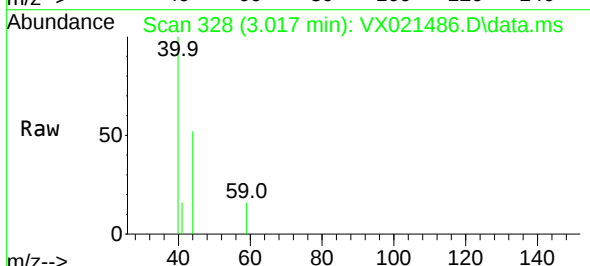
Instrument :
MSVOA_X
ClientSampled :

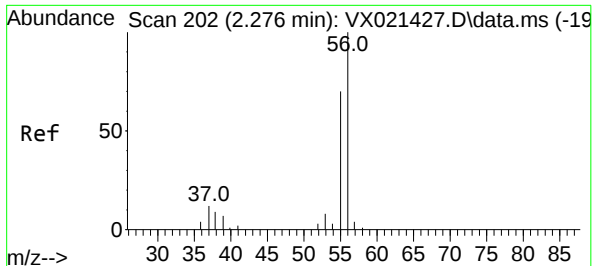
Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 85.9 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.61 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

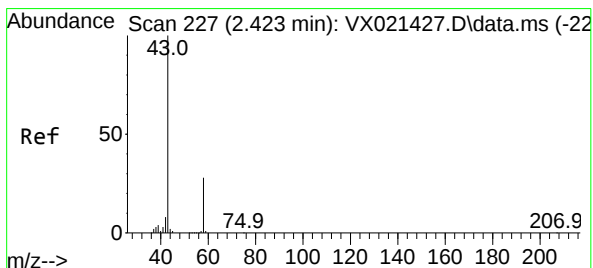
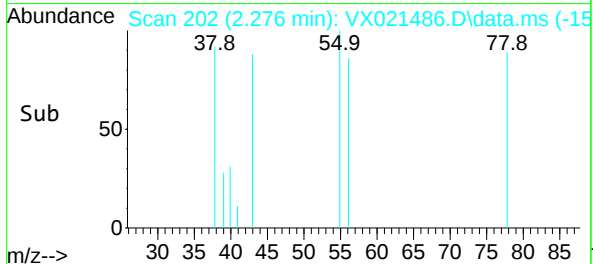
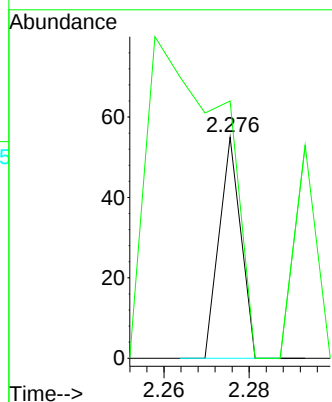
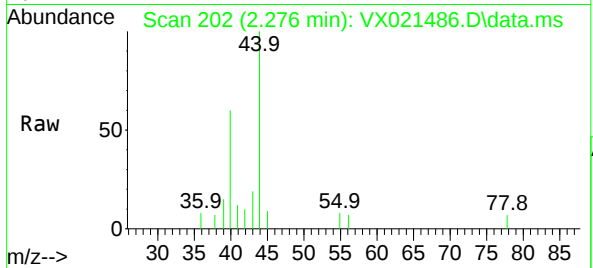




#13
Acrolein
Concen: 4.51 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

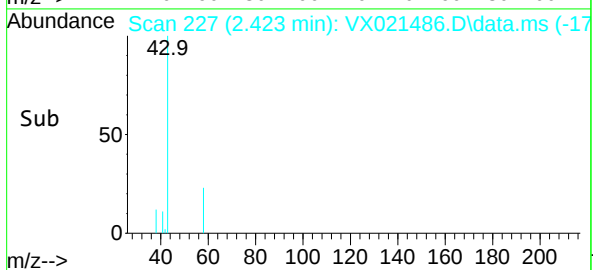
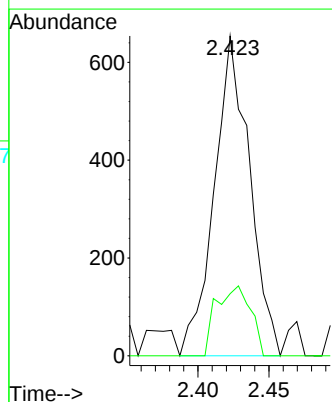
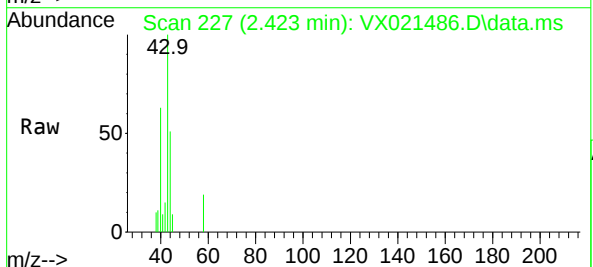
Instrument :
MSVOA_X
ClientSampled :

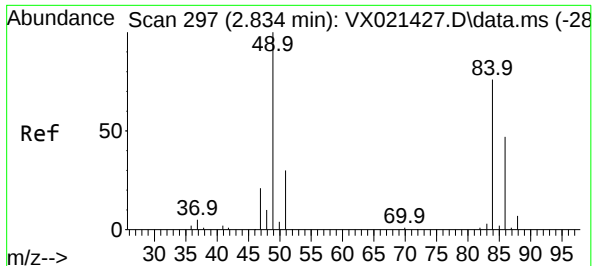
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#



#16
Acetone
Concen: 2.81 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

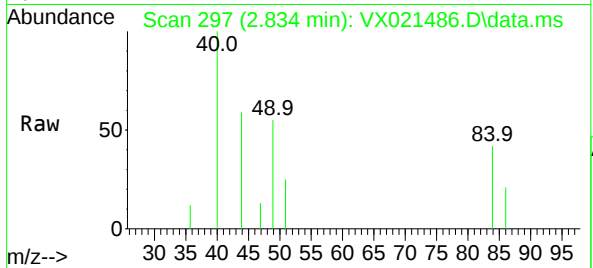
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 19.4 27.8 41.8#





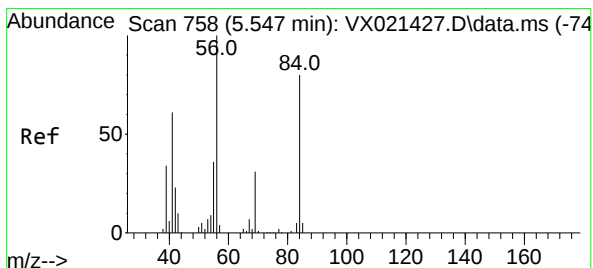
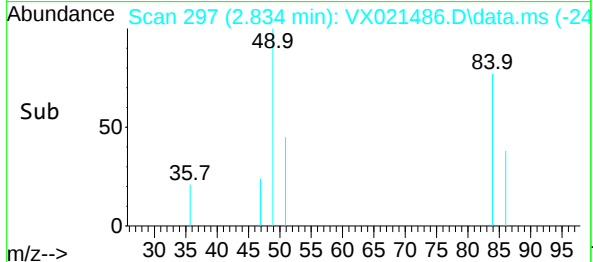
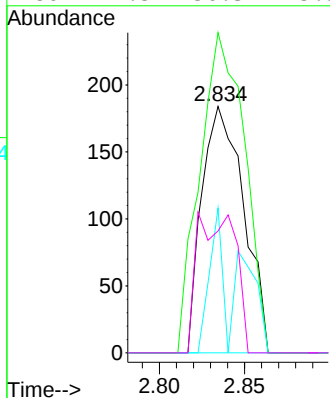
#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

Instrument :
MSVOA_X
ClientSampled :

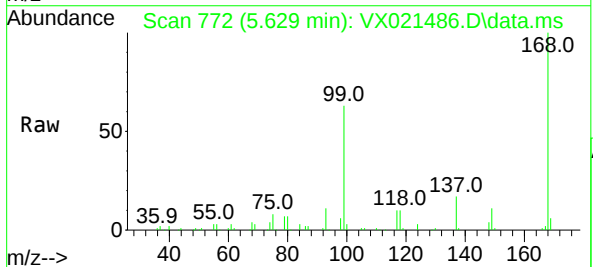


Tgt Ion: 84 Resp: 314

Ion	Ratio	Lower	Upper
84	100		
49	129.9	88.6	132.8
51	58.7	27.0	40.6#
86	49.5	50.3	75.5#

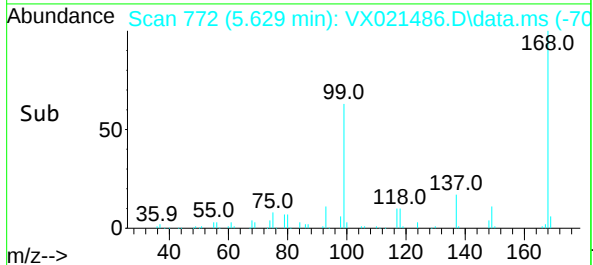
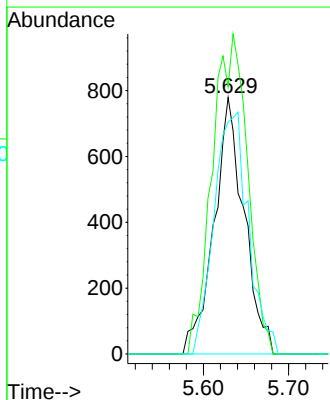


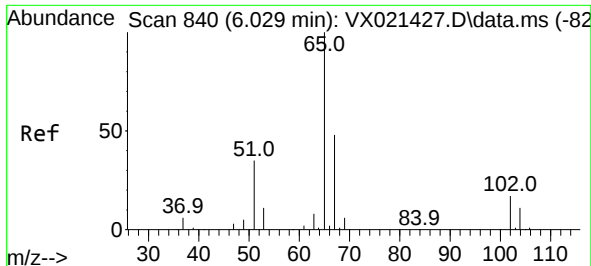
#31
Cyclohexane
Concen: 1.63 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19



Tgt Ion: 56 Resp: 1906

Ion	Ratio	Lower	Upper
56	100		
69	104.2	25.3	37.9#
84	90.5	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 50.78 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021486.D

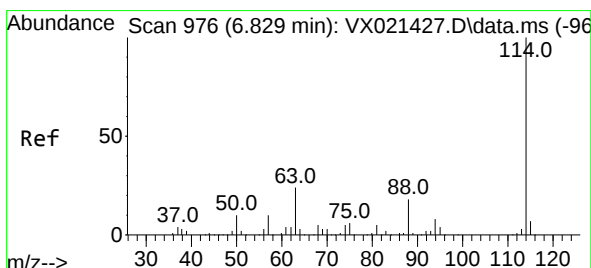
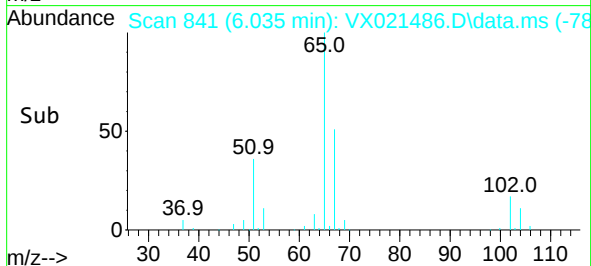
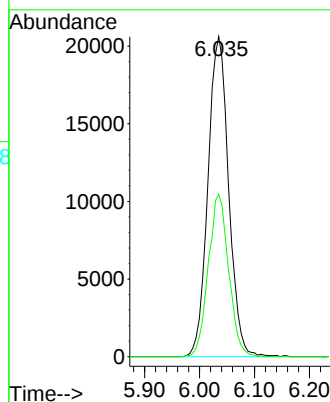
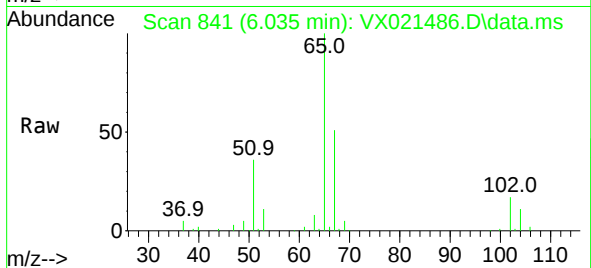
Acq: 25 Mar 2021 15:19

Tgt Ion: 65 Resp: 53992

Ion Ratio Lower Upper

65 100

67 49.9 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: VX021486.D

Acq: 25 Mar 2021 15:19

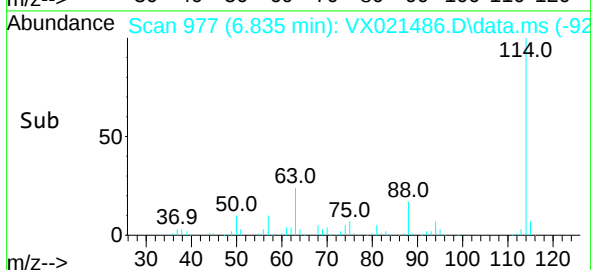
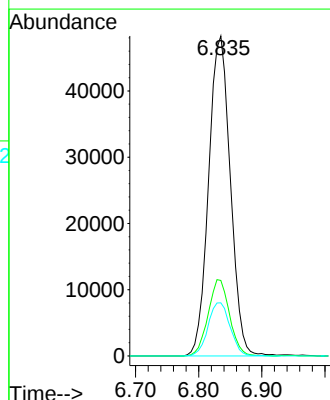
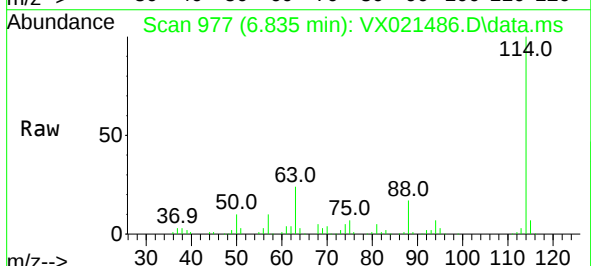
Tgt Ion: 114 Resp: 115406

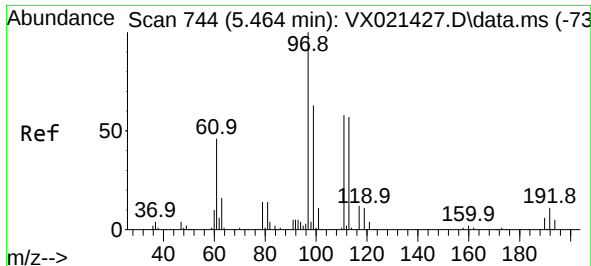
Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.8

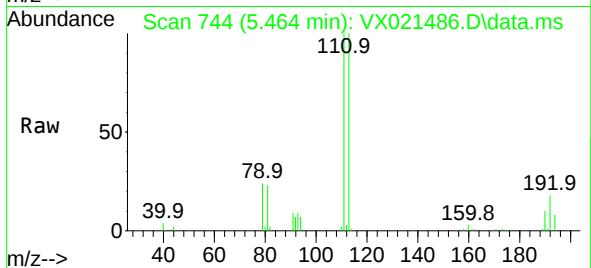
88 16.6 0.0 32.8



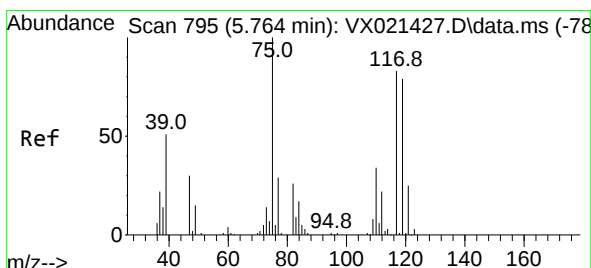
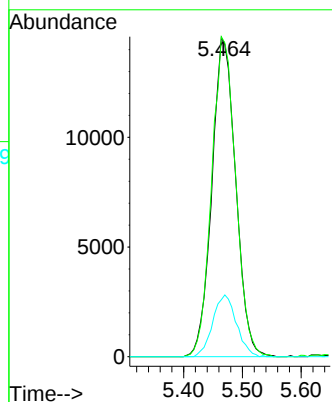
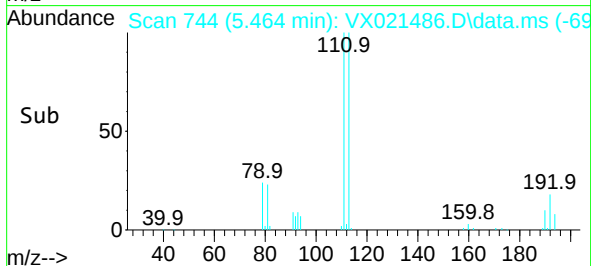


#35
Dibromofluoromethane
Concen: 49.93 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

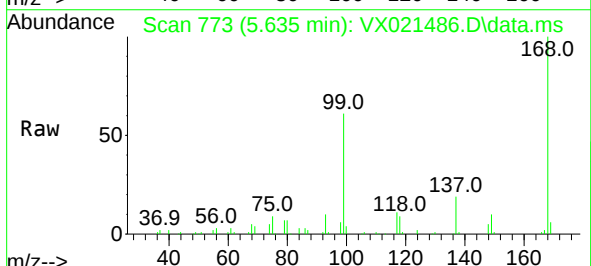
Instrument :
MSVOA_X
ClientSampled :



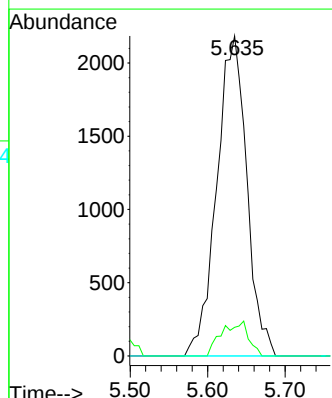
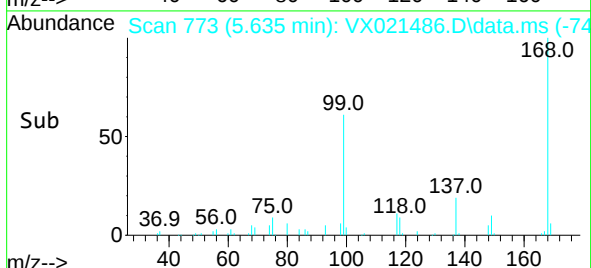
Tgt Ion:113 Resp: 40929
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 19.2 16.7 25.1

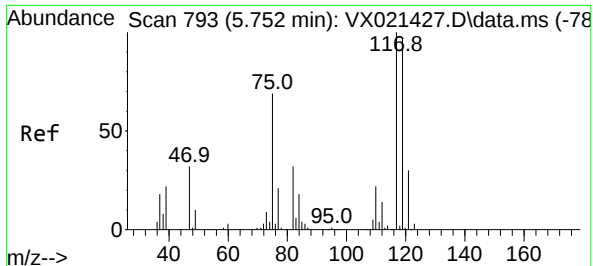


#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.129 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19



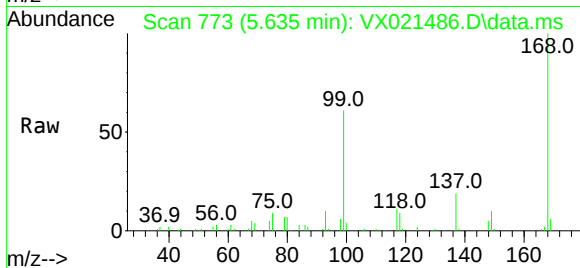
Tgt Ion: 75 Resp: 5887
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



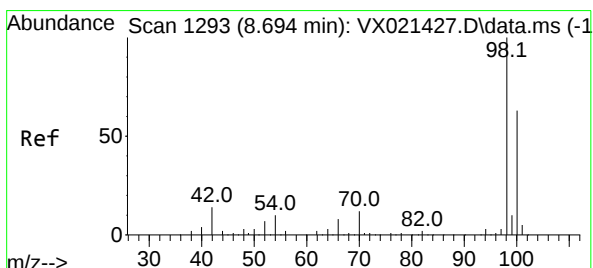
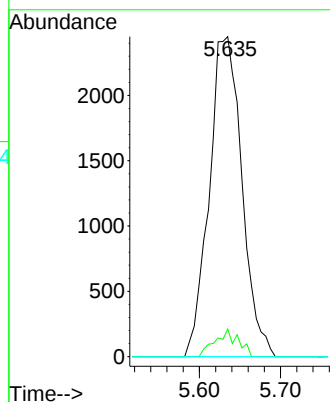
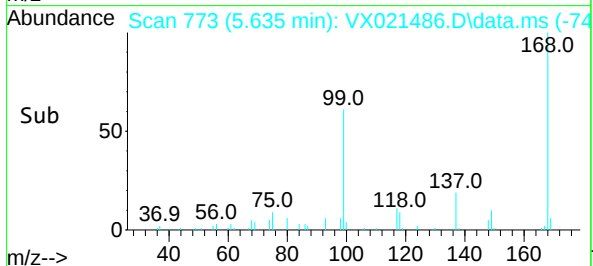


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

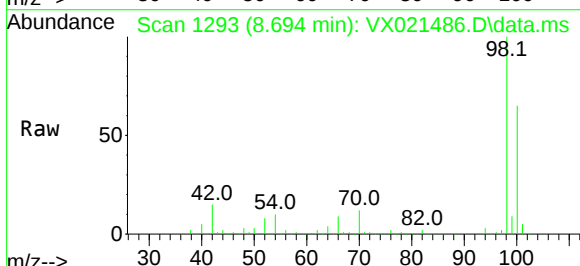
Instrument :
MSVOA_X
ClientSampled :



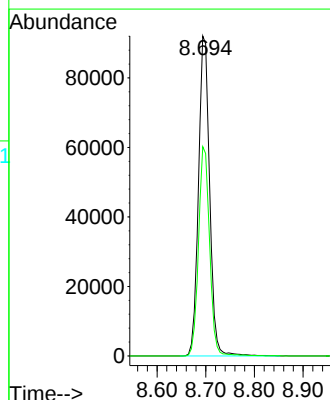
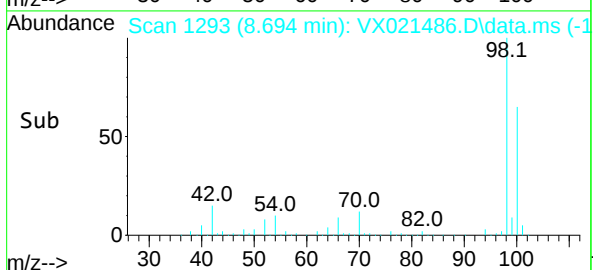
Tgt Ion:117 Resp: 6852
Ion Ratio Lower Upper
117 100
119 8.6 76.2 114.2#
121 0.0 24.8 37.2#

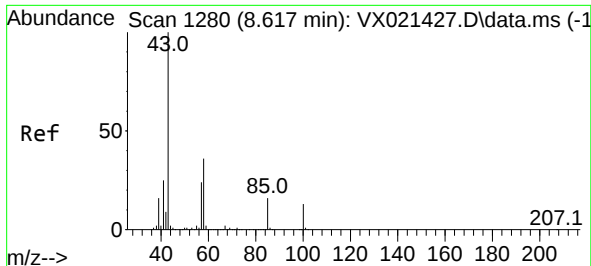


#50
Toluene-d8
Concen: 50.40 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19



Tgt Ion: 98 Resp: 147242
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

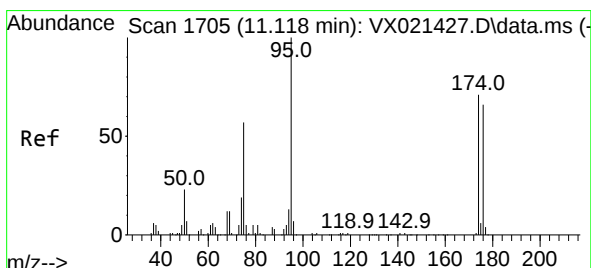
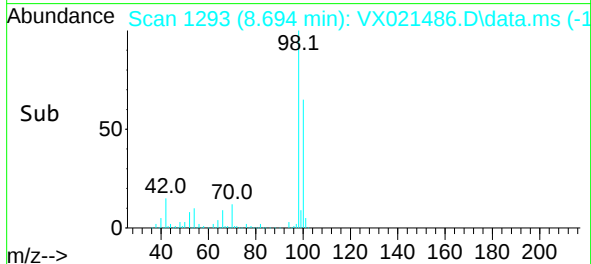
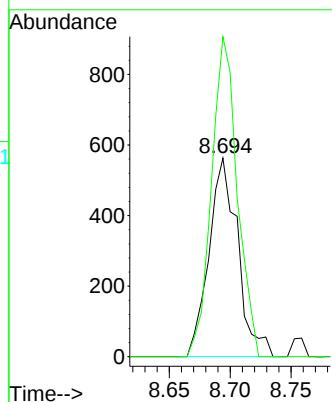
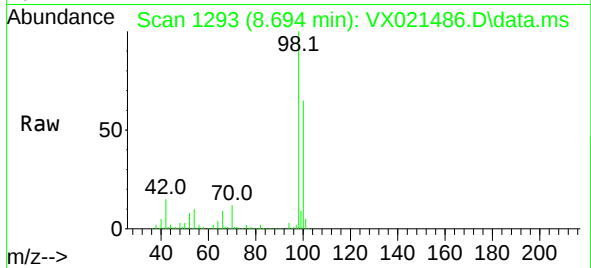




#51
4-Methyl-2-Pentanone
Concen: 0.71 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

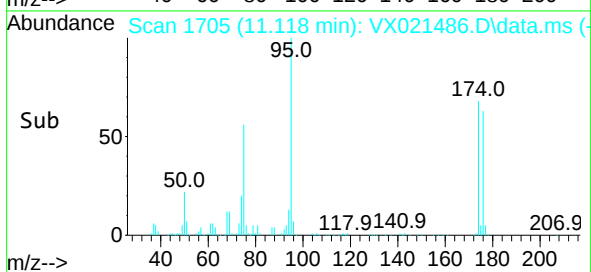
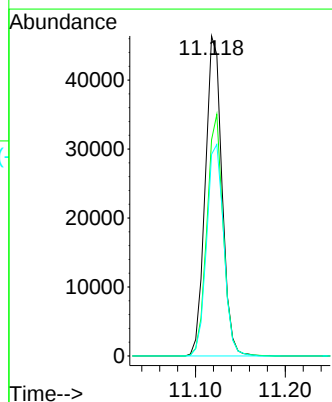
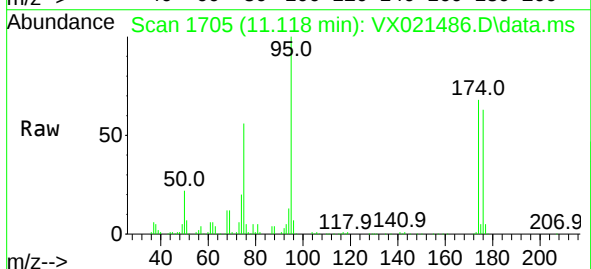
Instrument :
MSVOA_X
ClientSampled :

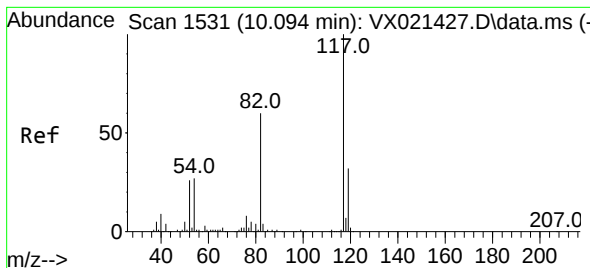
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 144.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 52.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

Tgt Ion: 95 Resp: 59924
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.6
176 67.6 0.0 155.8

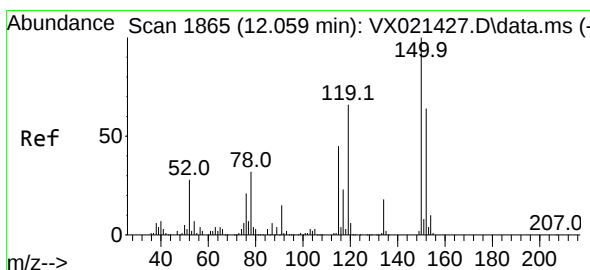
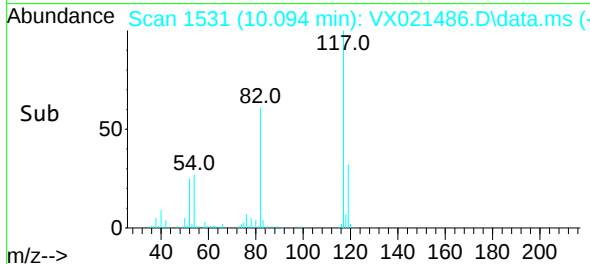
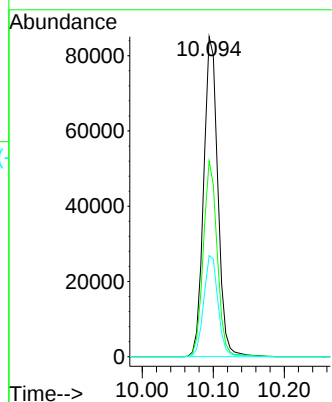
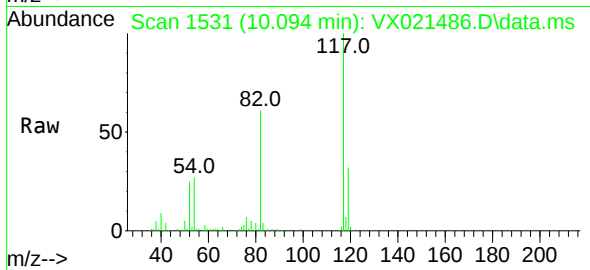




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

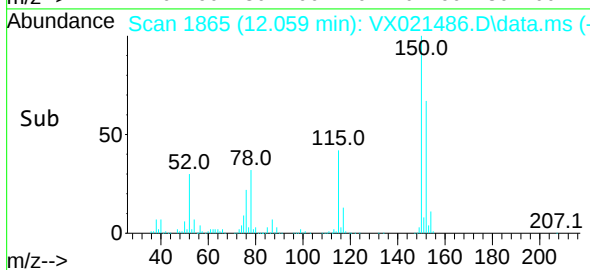
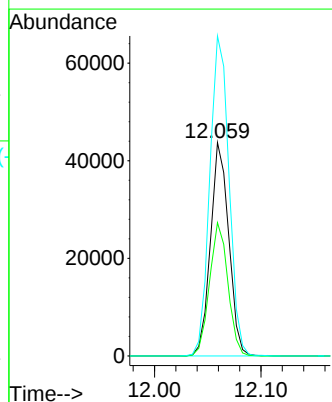
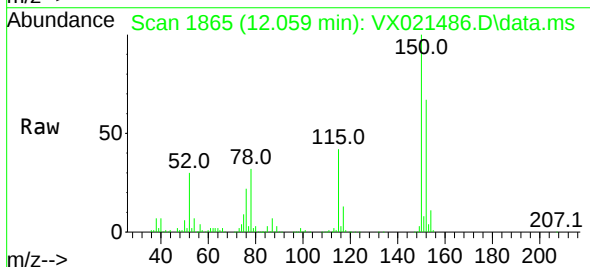
Instrument :
MSVOA_X
ClientSampled :

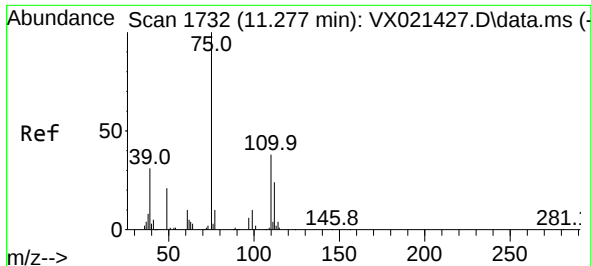
Tgt Ion:117 Resp: 118279
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

Tgt Ion:152 Resp: 52041
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 157.4 0.0 349.0

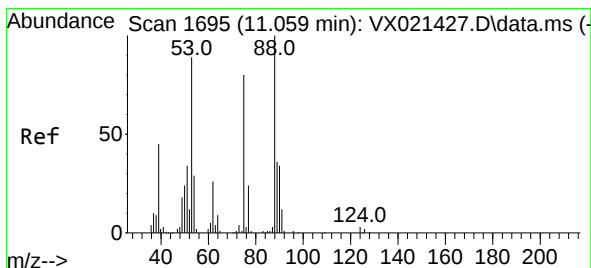
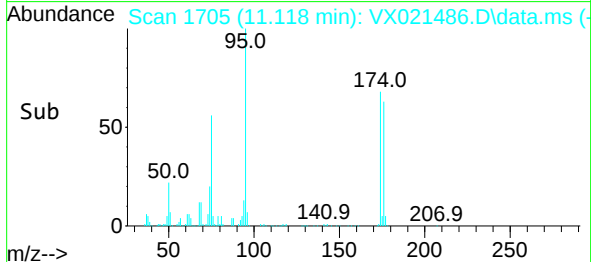
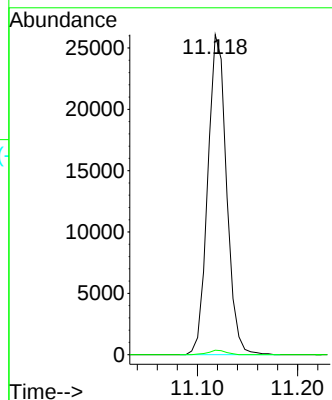
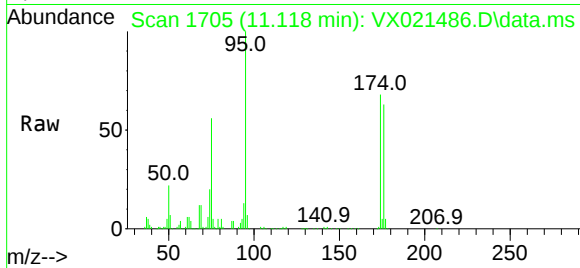




#76
1,2,3-Trichloropropane
Concen: 28.02 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 33945
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021486.D
Acq: 25 Mar 2021 15:19

Tgt Ion: 75 Resp: 33945
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

