

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021489.D
 Acq On : 25 Mar 2021 16:22
 Operator : JC/MD
 Sample : M1770-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:15:44 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)

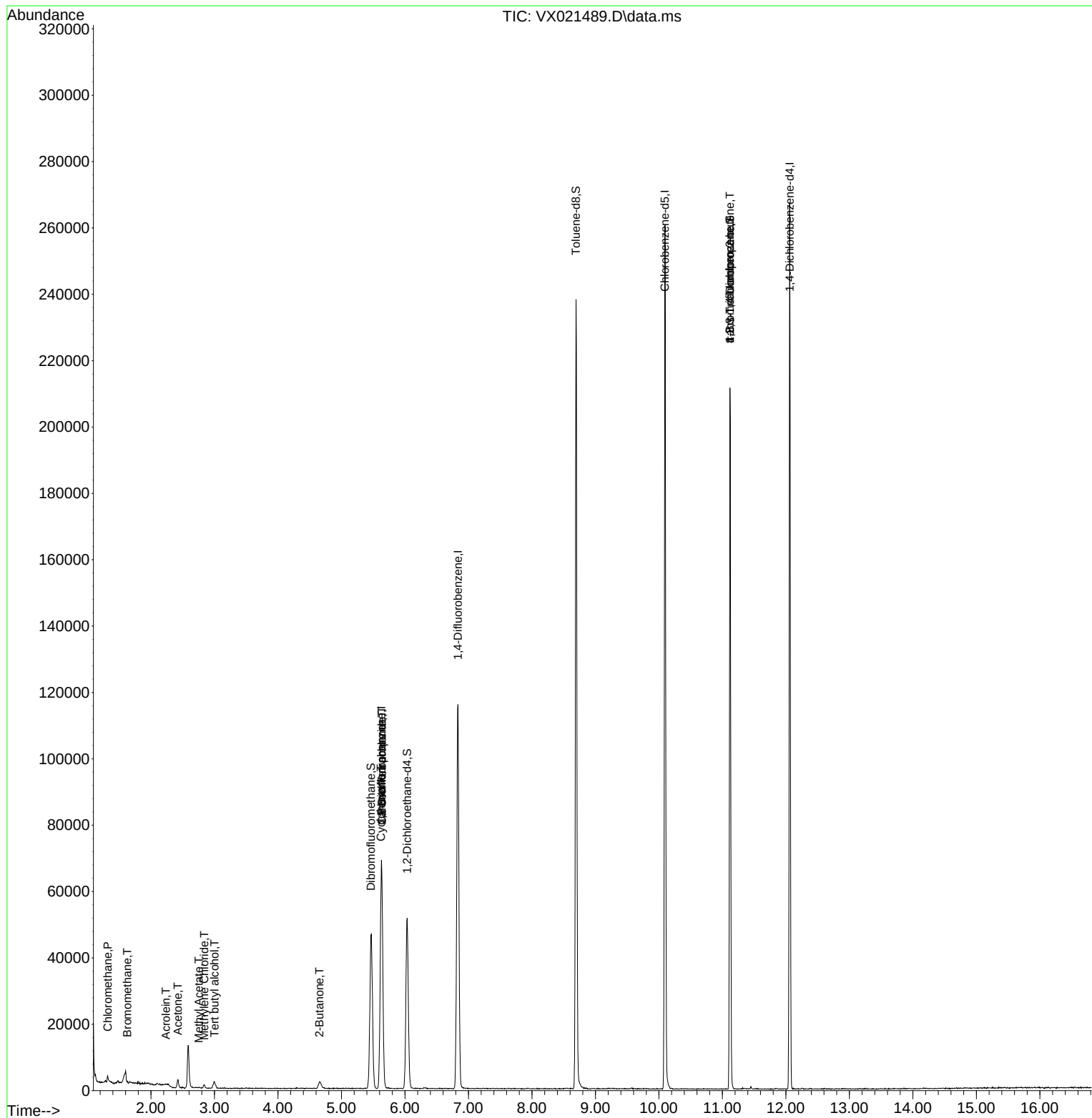
Internal Standards						
1) Pentafluorobenzene	5.629	168	58992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	107385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51115	52.08	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.16%	
35) Dibromofluoromethane	5.464	113	38506	50.48	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.96%	
50) Toluene-d8	8.694	98	136964	50.39	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.78%	
62) 4-Bromofluorobenzene	11.118	95	55067	52.11	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	2442	3.32	ug/l	94
5) Bromomethane	1.629	94	129	0.48	ug/l	87
11) Tert butyl alcohol	2.999	59	1422	8.76	ug/l #	73
13) Acrolein	2.234	56	20	4.54	ug/l #	1
16) Acetone	2.423	43	2622	7.06	ug/l #	80
18) Methyl Acetate	2.752	43	259	0.24	ug/l #	47
20) Methylene Chloride	2.840	84	384	0.53	ug/l	90
25) 2-Butanone	4.652	43	196	0.35	ug/l #	45
31) Cyclohexane	5.623	56	1669	1.55	ug/l #	40
36) 1,1-Dichloropropene	5.635	75	5655	5.37	ug/l #	50
38) Carbon Tetrachloride	5.635	117	6515	5.76	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	31666	28.25	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	31666	86.05	ug/l #	12

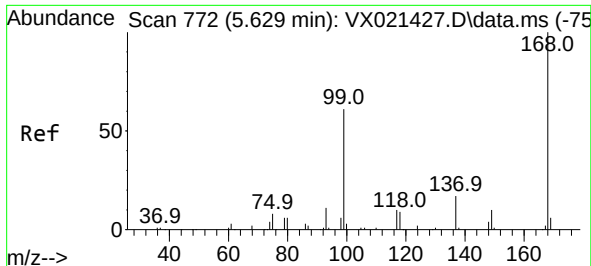
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 26 03:15:44 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

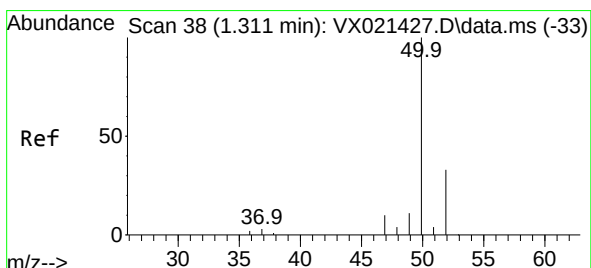
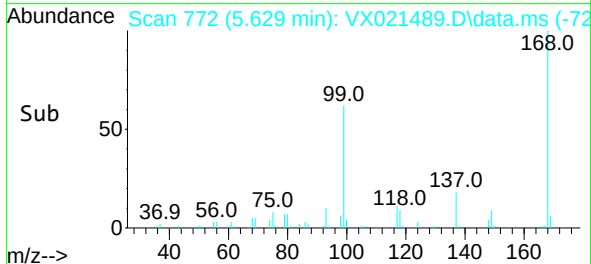
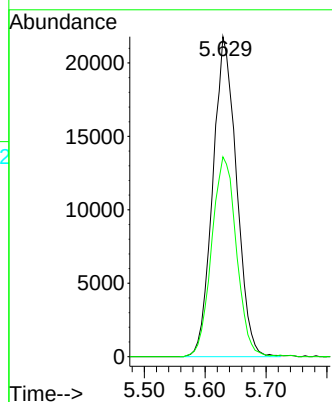
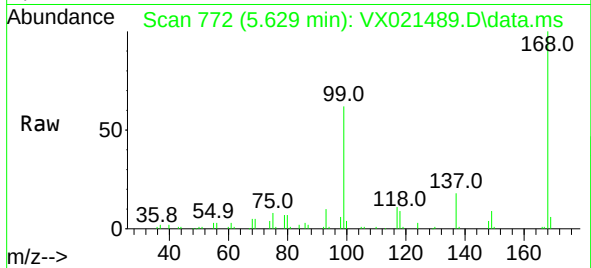




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

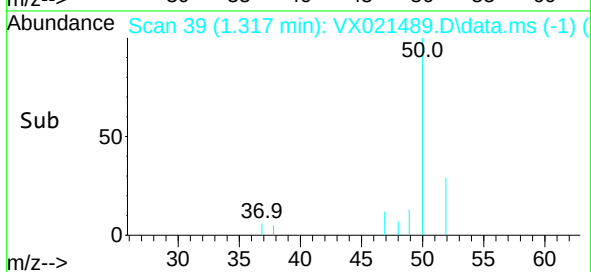
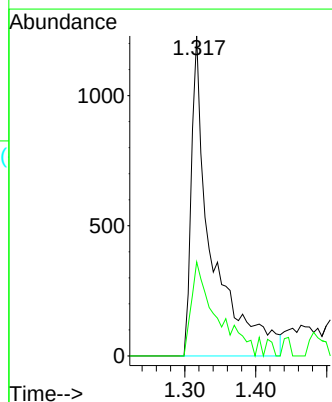
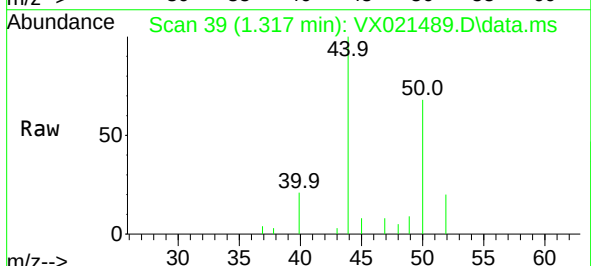
Instrument :
MSVOA_X
ClientSampled :

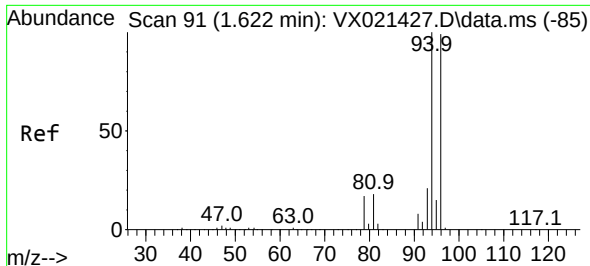
Tgt Ion:168 Resp: 58992
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.6



#3
Chloromethane
Concen: 3.32 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 50 Resp: 2442
Ion Ratio Lower Upper
50 100
52 29.4 26.4 39.6

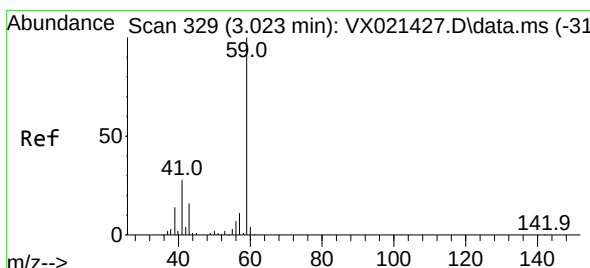
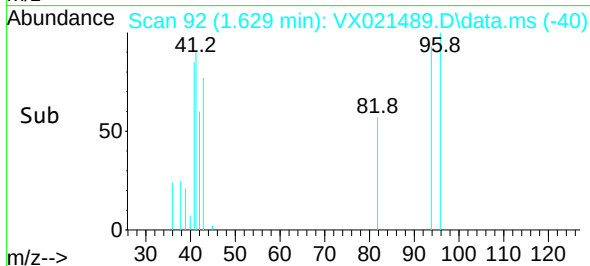
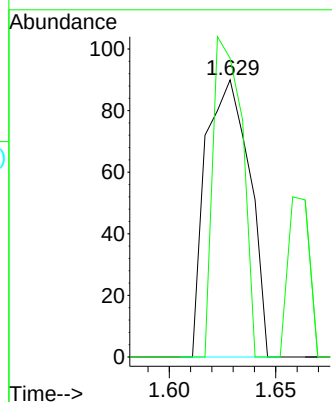
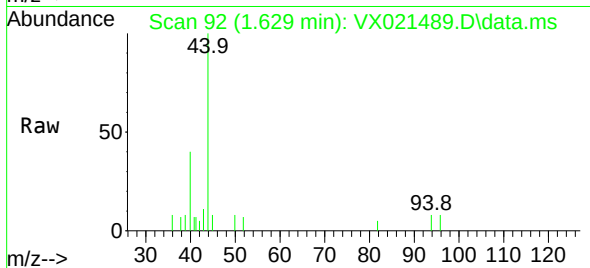




#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.629 min Scan# 92
Delta R.T. 0.007 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

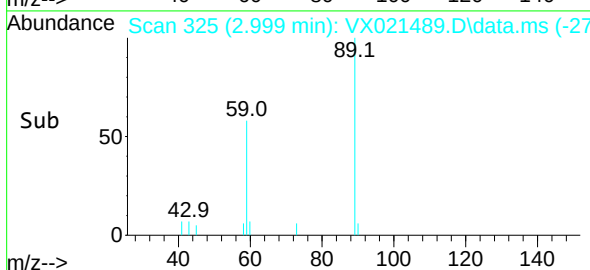
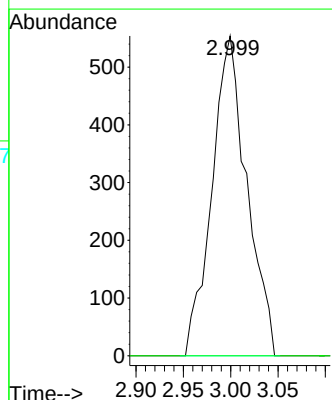
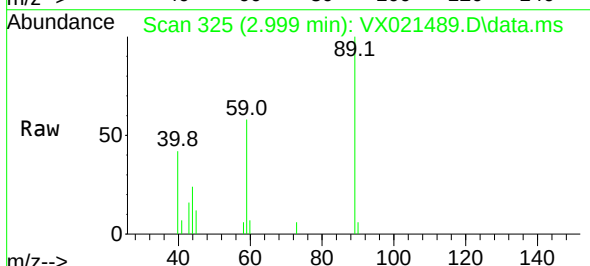
Instrument :
MSVOA_X
ClientSampled :

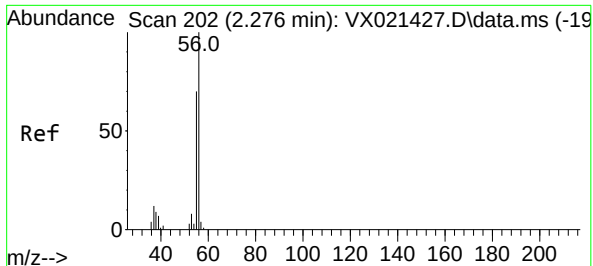
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 107.8 76.4 114.6



#11
Tert butyl alcohol
Concen: 8.76 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.024 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

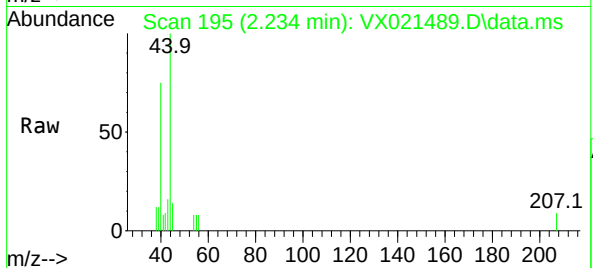
Tgt Ion: 59 Resp: 1422
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



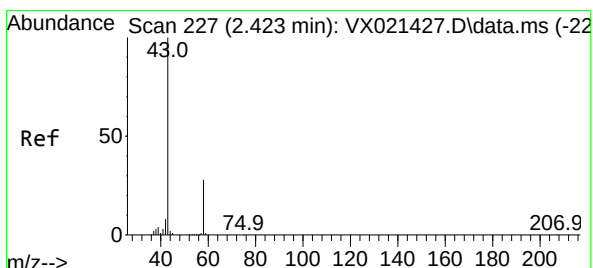
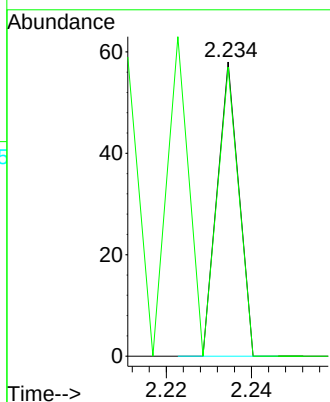
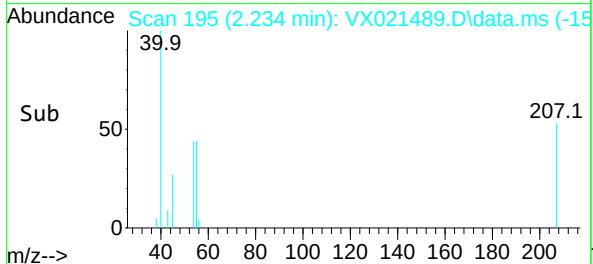


#13
Acrolein
Concen: 4.54 ug/l
RT: 2.234 min Scan# 195
Delta R.T. -0.042 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

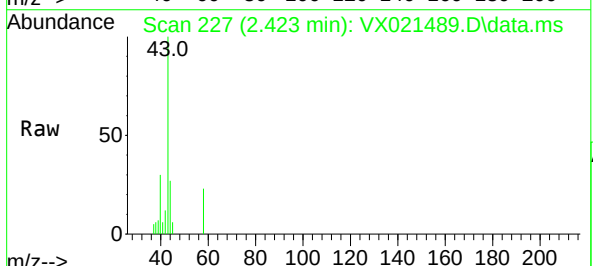
Instrument :
MSVOA_X
ClientSampled :



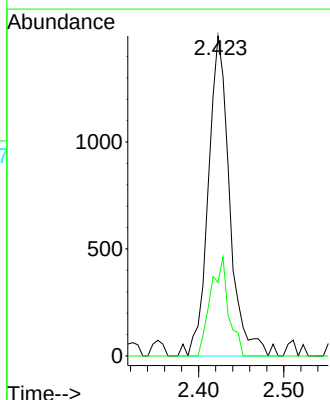
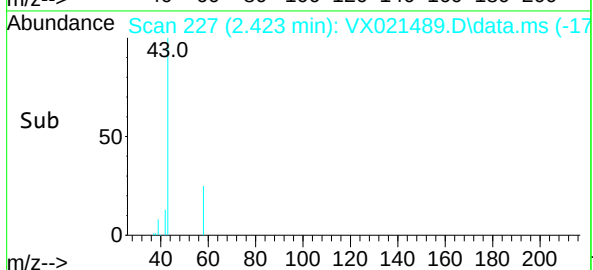
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 210.0 56.4 84.6#

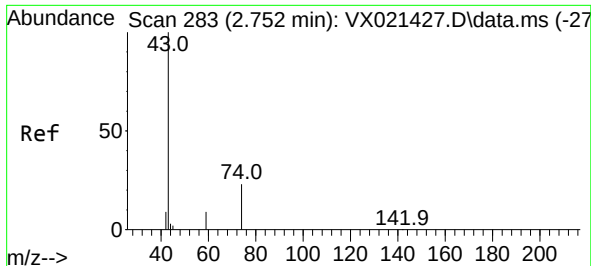


#16
Acetone
Concen: 7.06 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22



Tgt Ion: 43 Resp: 2622
Ion Ratio Lower Upper
43 100
58 23.0 27.8 41.8#

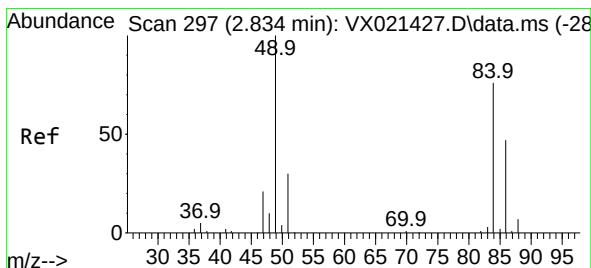
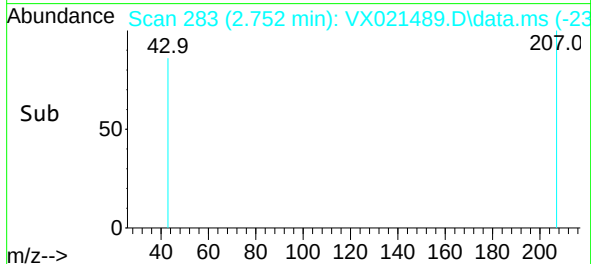
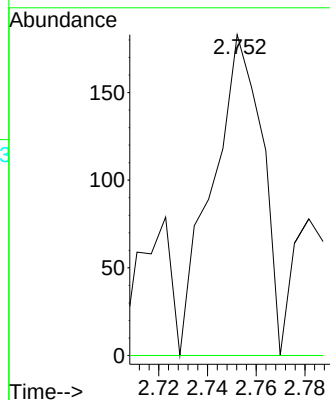
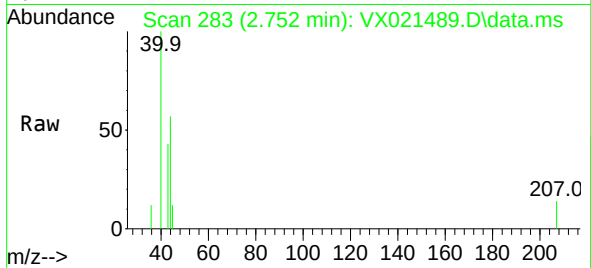




#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

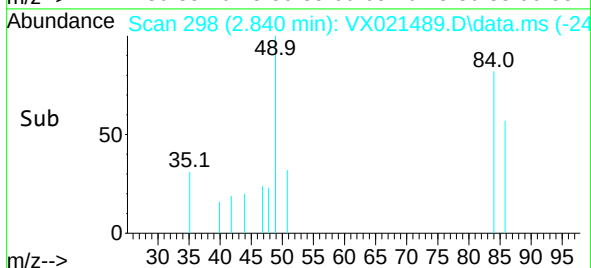
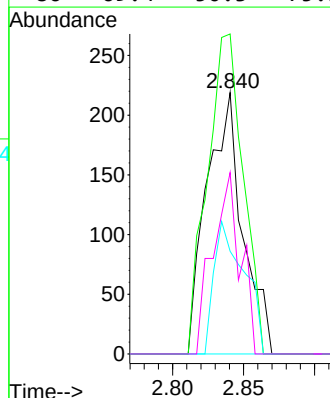
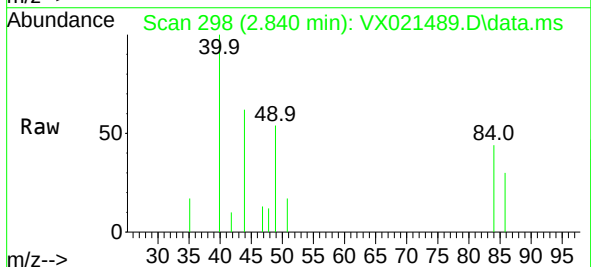
Instrument :
MSVOA_X
ClientSampled :

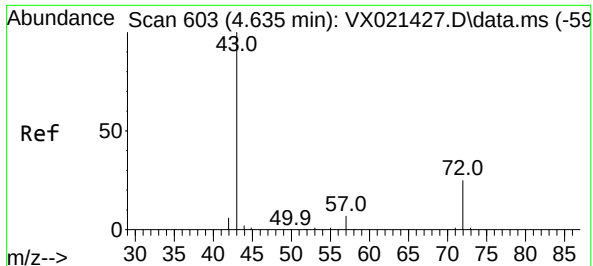
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.53 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 84 Resp: 384
Ion Ratio Lower Upper
84 100
49 122.4 88.6 132.8
51 39.3 27.0 40.6
86 69.4 50.3 75.5

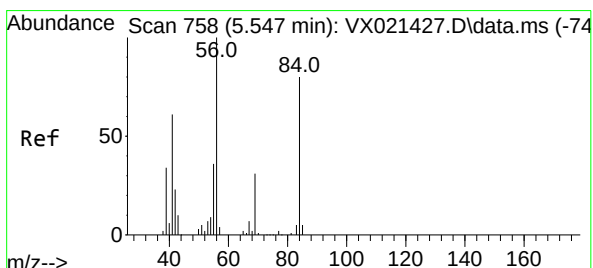
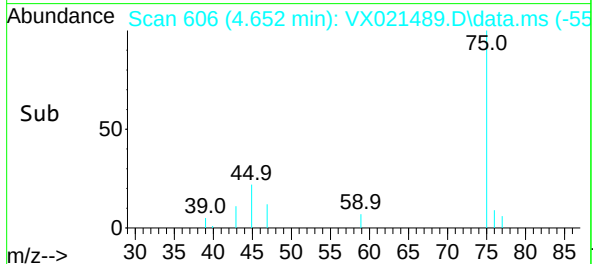
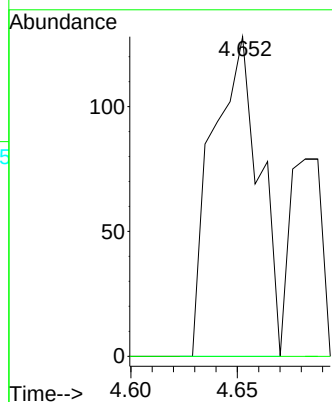
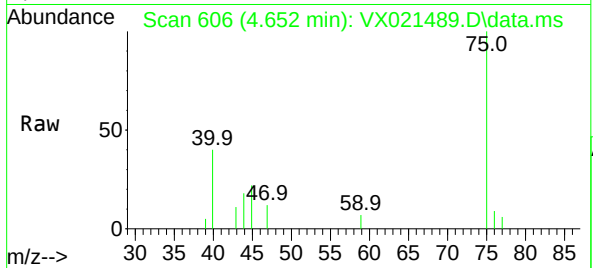




#25
2-Butanone
Concen: 0.35 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.017 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

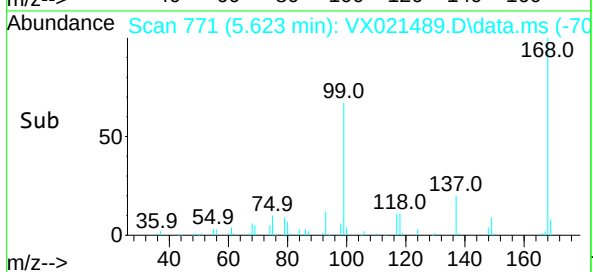
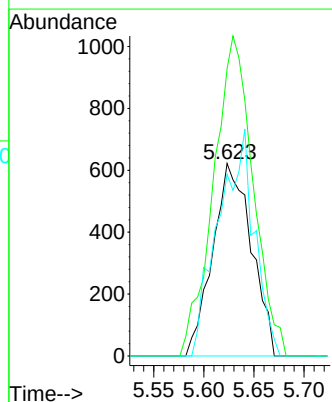
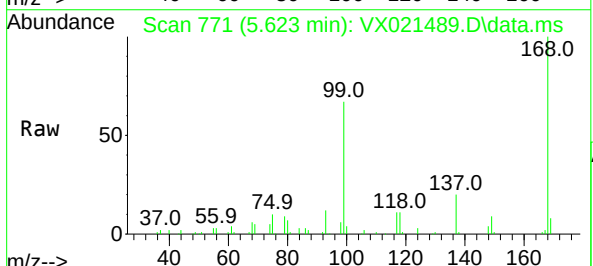
Instrument :
MSVOA_X
ClientSampled :

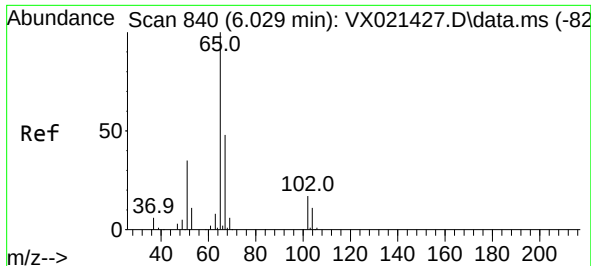
Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 56 Resp: 1669
Ion Ratio Lower Upper
56 100
69 149.2 25.3 37.9#
84 94.4 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.08 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021489.D

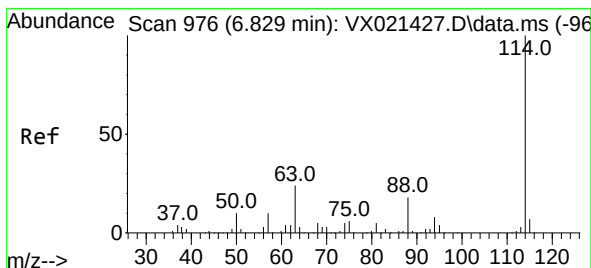
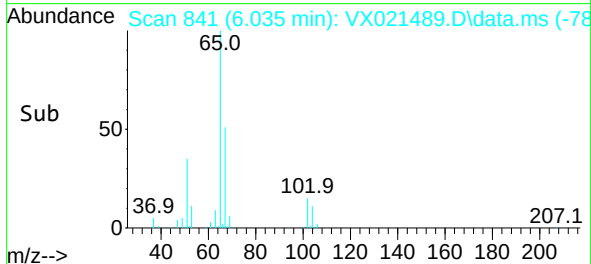
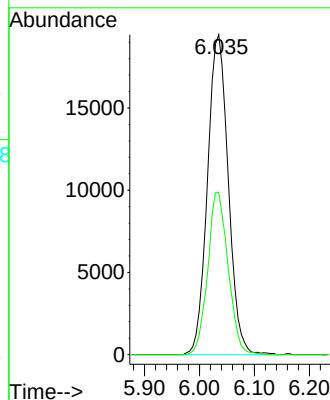
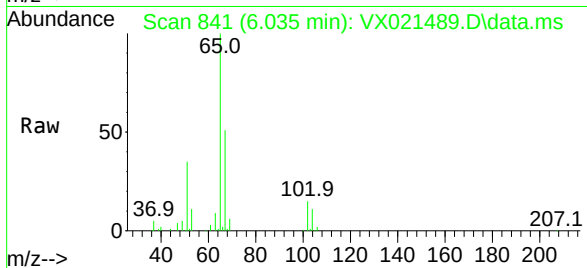
Acq: 25 Mar 2021 16:22

Tgt Ion: 65 Resp: 51115

Ion Ratio Lower Upper

65 100

67 49.7 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: VX021489.D

Acq: 25 Mar 2021 16:22

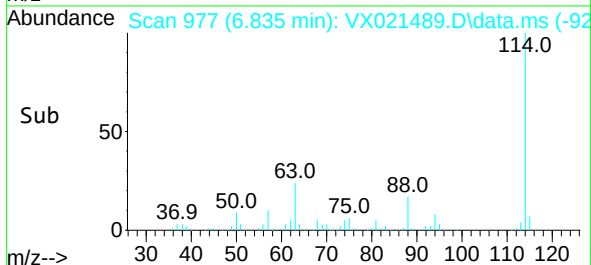
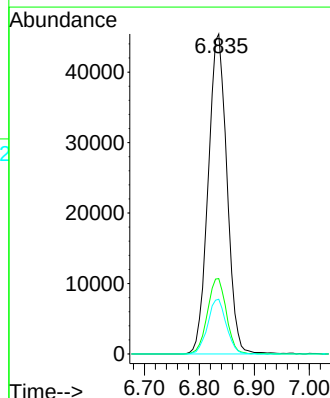
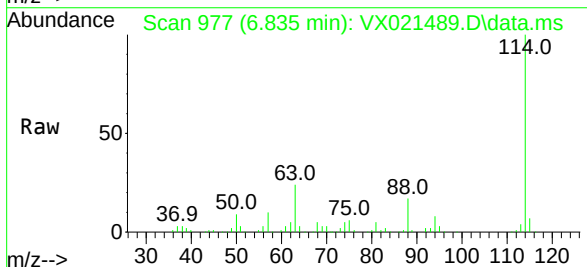
Tgt Ion: 114 Resp: 107385

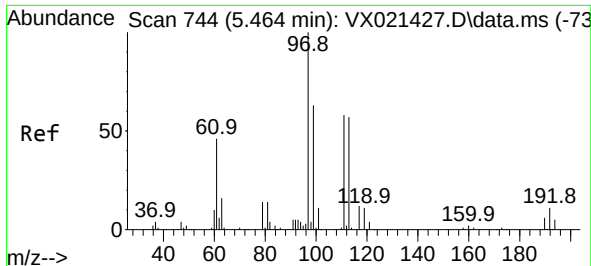
Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.8

88 17.1 0.0 32.8

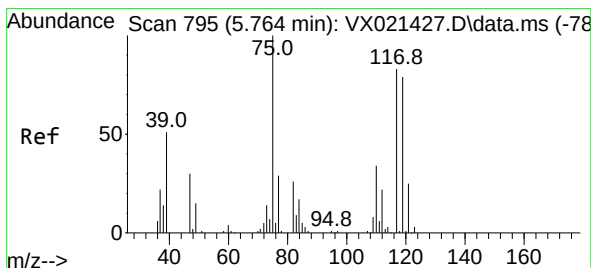
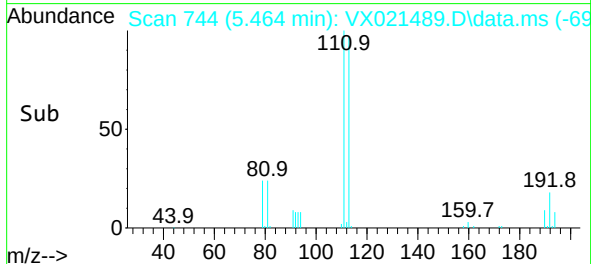
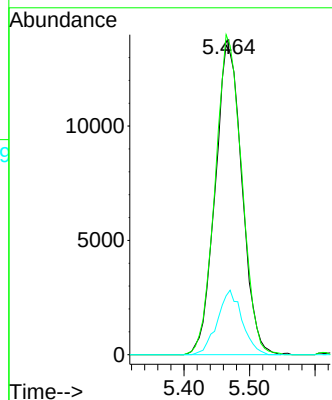
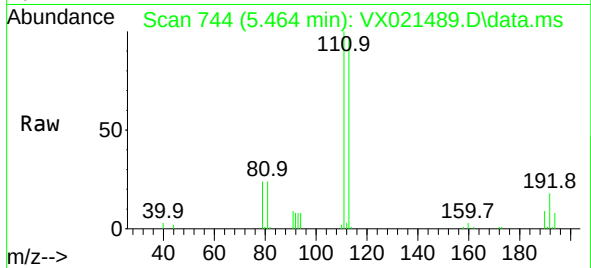




#35
Dibromofluoromethane
Concen: 50.48 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

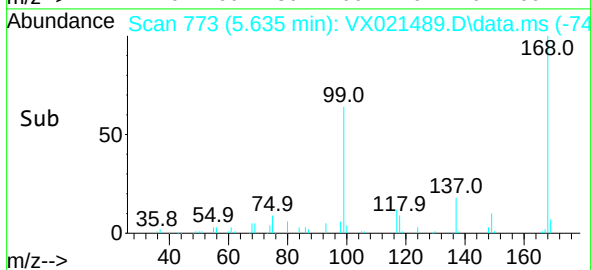
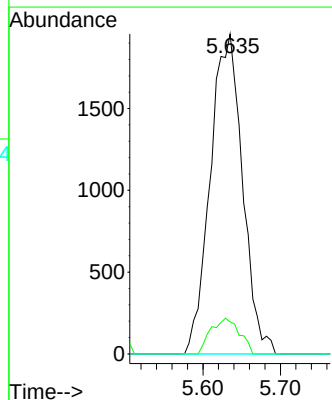
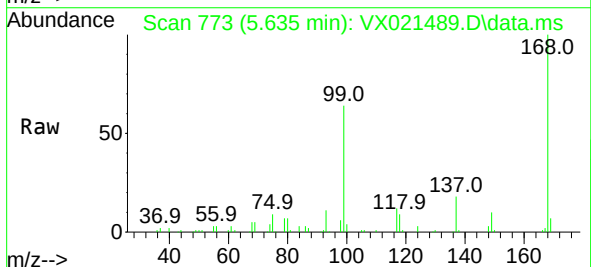
Instrument :
MSVOA_X
ClientSampled :

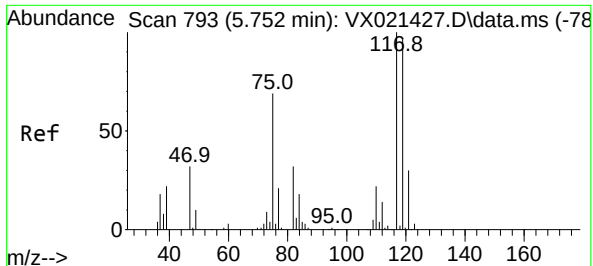
Tgt Ion:113 Resp: 38506
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.37 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.129 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

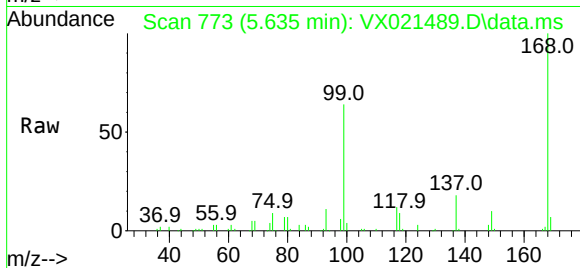
Tgt Ion: 75 Resp: 5655
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



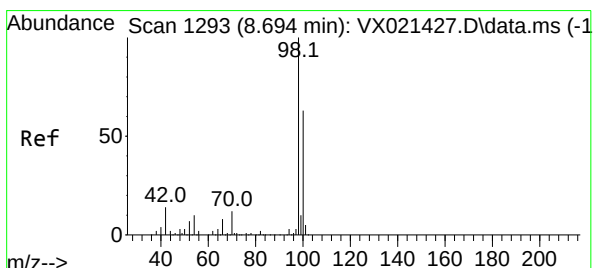
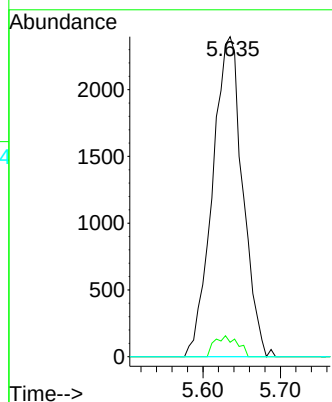
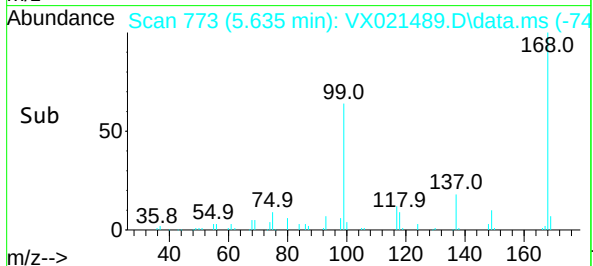


#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

Instrument :
MSVOA_X
ClientSampled :

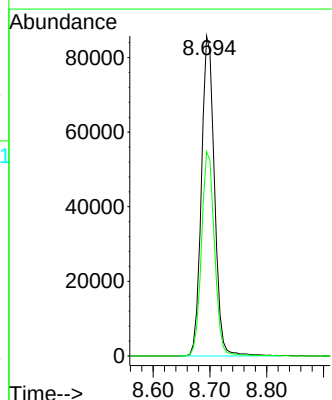
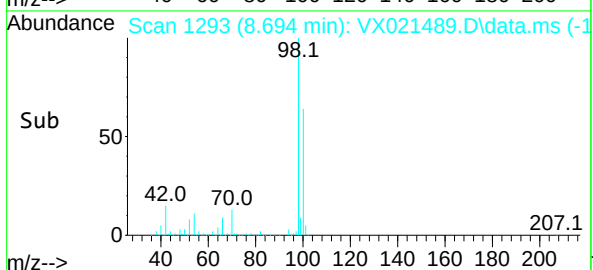
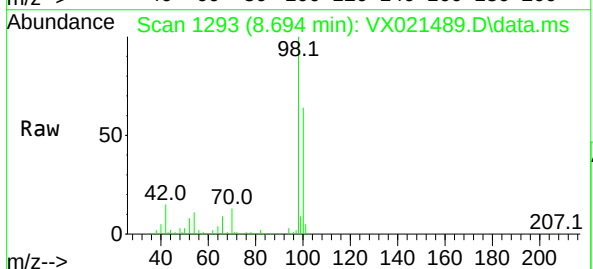


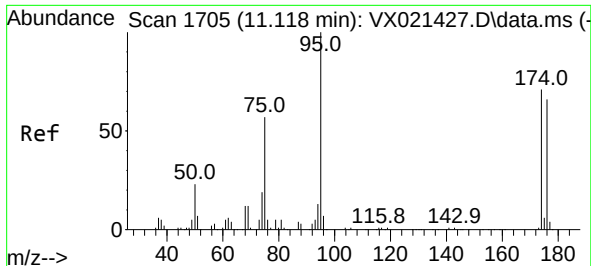
Tgt Ion:117 Resp: 6515
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.39 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 98 Resp: 136964
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

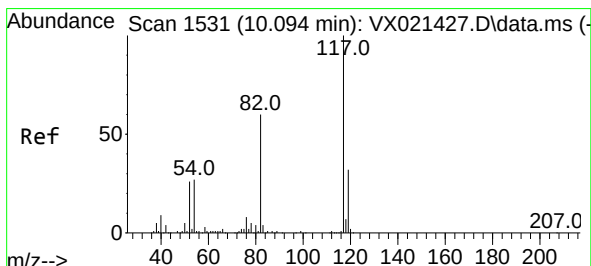
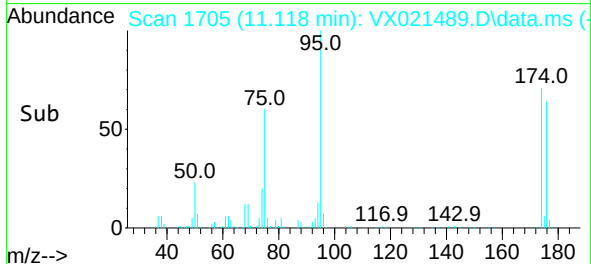
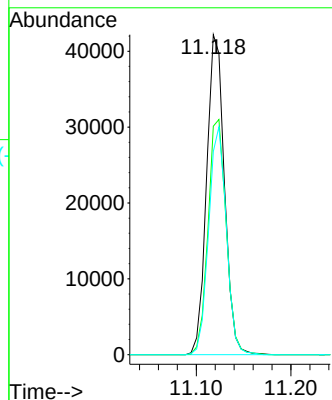
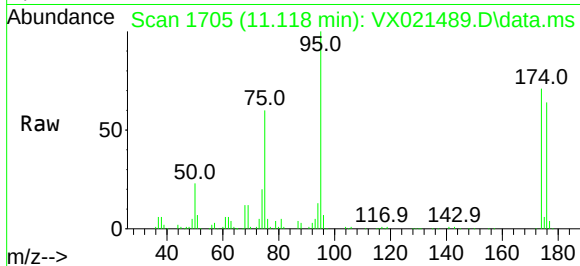




#62
4-Bromofluorobenzene
Concen: 52.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

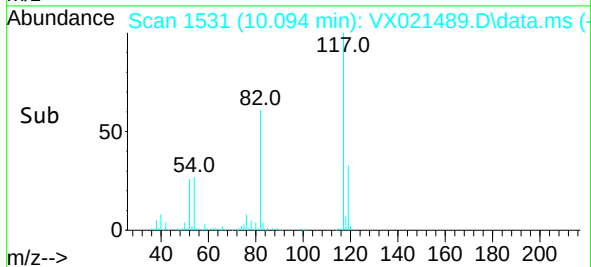
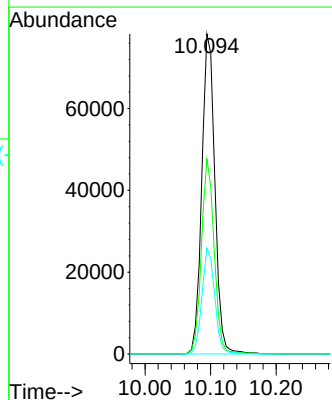
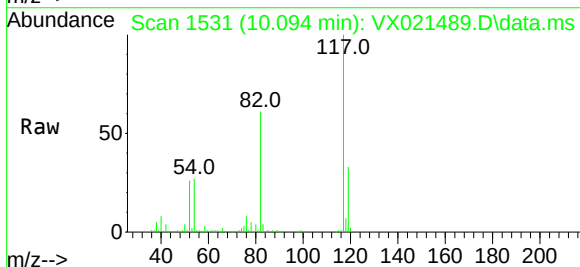
Instrument :
MSVOA_X
ClientSampled :

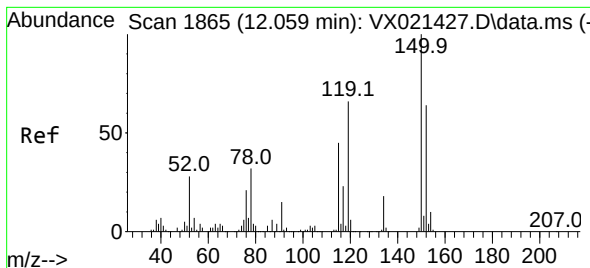
Tgt Ion: 95 Resp: 55067
Ion Ratio Lower Upper
95 100
174 74.9 0.0 154.6
176 70.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

Tgt Ion: 117 Resp: 109133
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 33.1 26.6 39.8

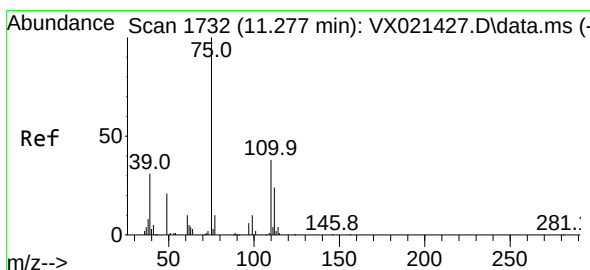
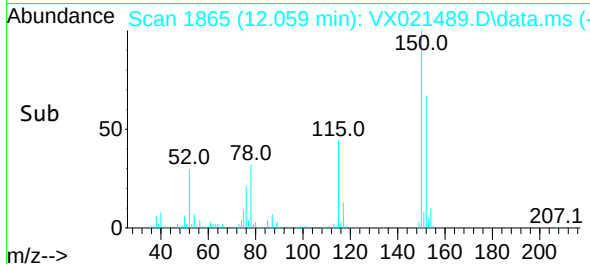
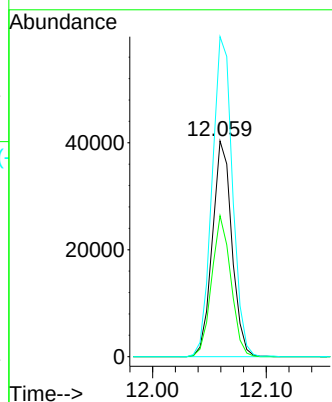
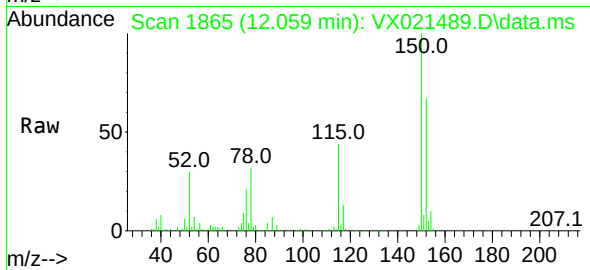




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

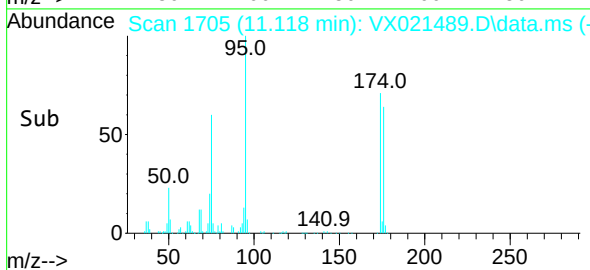
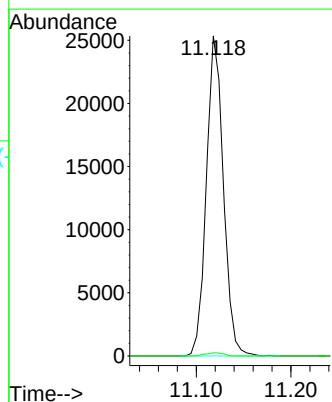
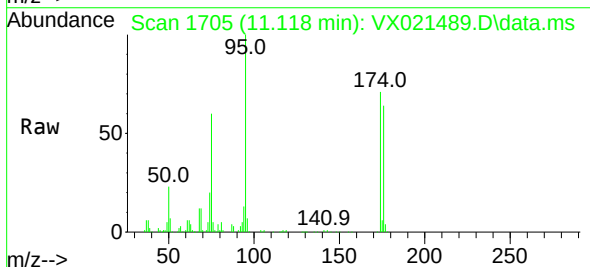
Instrument :
MSVOA_X
ClientSampleId :

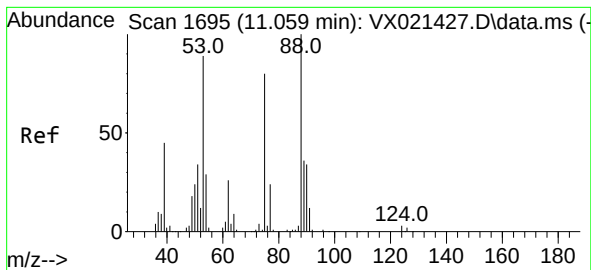
Tgt Ion:152 Resp: 48148
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 154.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021489.D
Acq: 25 Mar 2021 16:22

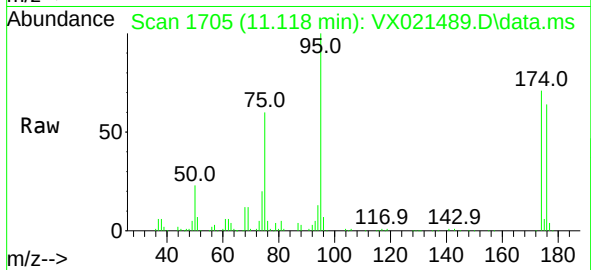
Tgt Ion: 75 Resp: 31666
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.05 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021489.D
 Acq: 25 Mar 2021 16:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31666
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

