

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004998.D
 Acq On : 07 Jun 2021 17:19
 Operator : SY/MD
 Sample : M2612-15
 Misc : 6.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:09:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

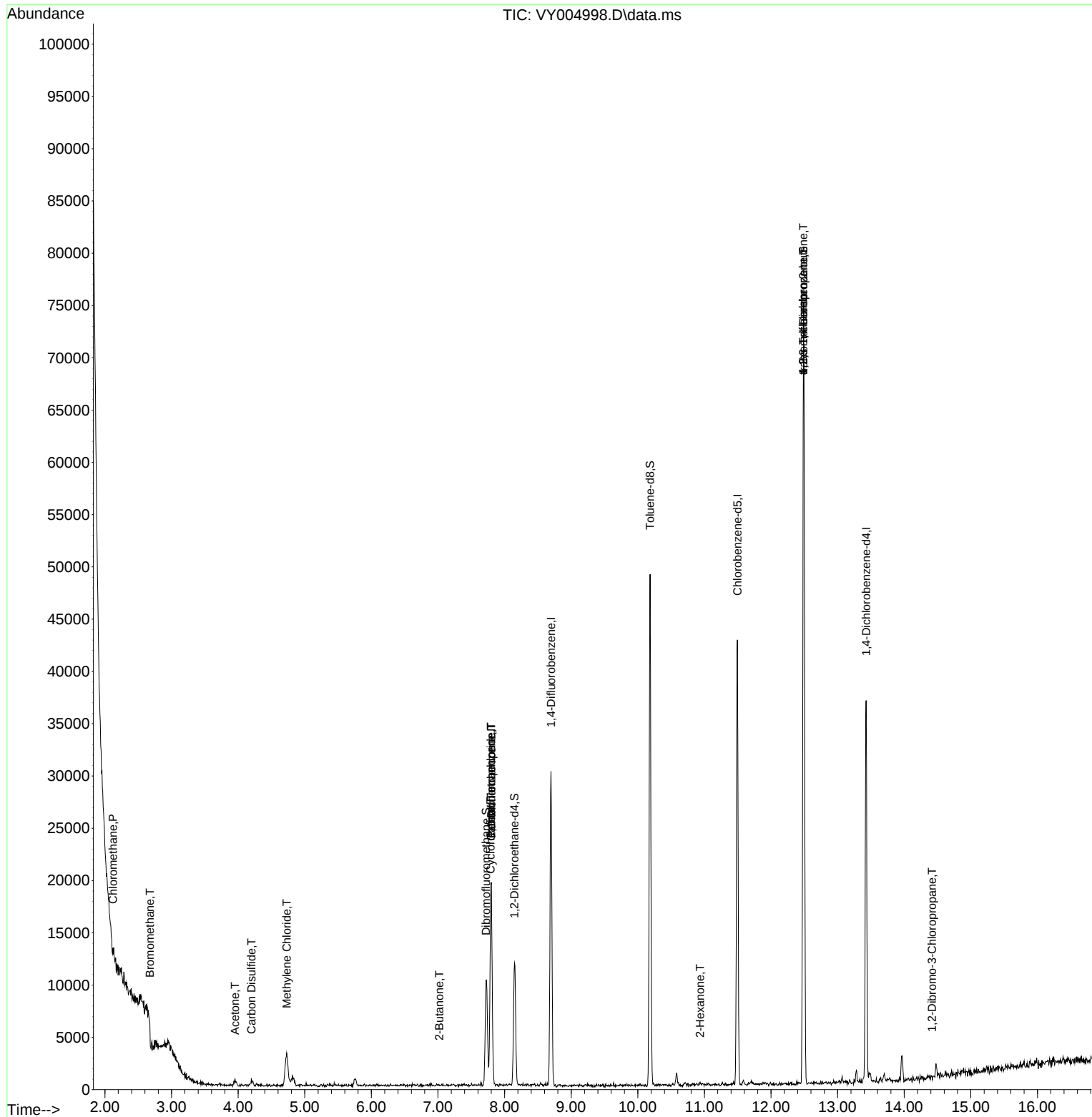
Internal Standards						
1) Pentafluorobenzene	7.801	168	14939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	24796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9384	59.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.840%	
35) Dibromofluoromethane	7.722	113	7343	55.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.080%	
50) Toluene-d8	10.185	98	31501	56.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.720%	
62) 4-Bromofluorobenzene	12.483	95	8894	46.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	249	1.344	ug/l #	42
5) Bromomethane	2.674	94	122	1.208	ug/l #	1
16) Acetone	3.954	43	905	23.804	ug/l #	84
17) Carbon Disulfide	4.198	76	929	1.968	ug/l #	74
20) Methylene Chloride	4.728	84	2476	8.626	ug/l	85
25) 2-Butanone	7.021	43	65	1.017	ug/l #	49
31) Cyclohexane	7.789	56	341	1.226	ug/l #	62
36) 1,1-Dichloropropene	7.801	75	1296	5.341	ug/l #	44
38) Carbon Tetrachloride	7.795	117	1547	7.325	ug/l #	12
59) 2-Hexanone	10.935	43	193	1.901	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	5222	52.482	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5222	96.450	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.416	75	40	1.755	ug/l #	1

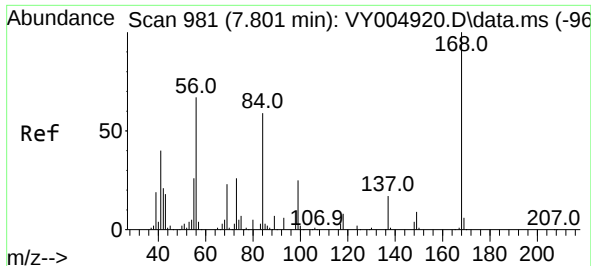
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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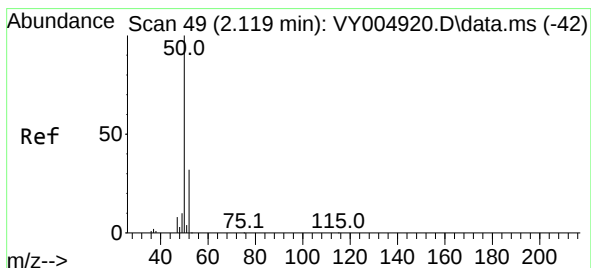
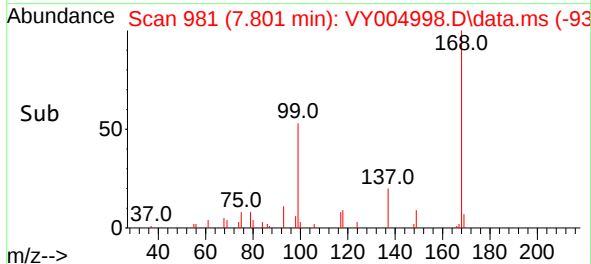
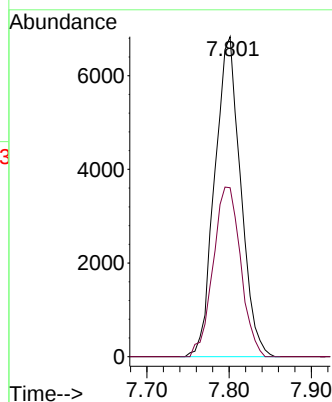
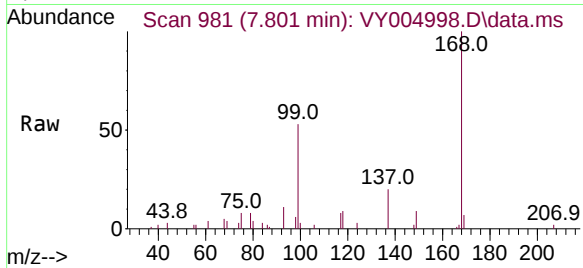




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

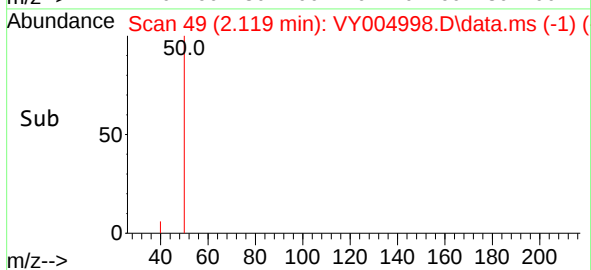
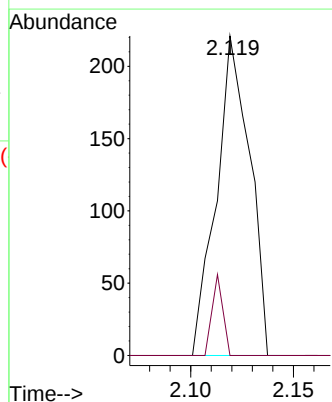
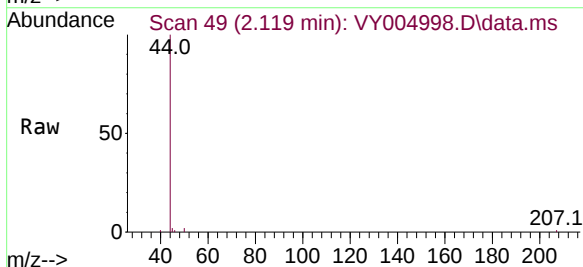
Instrument :
MSVOA_Y
ClientSampled :

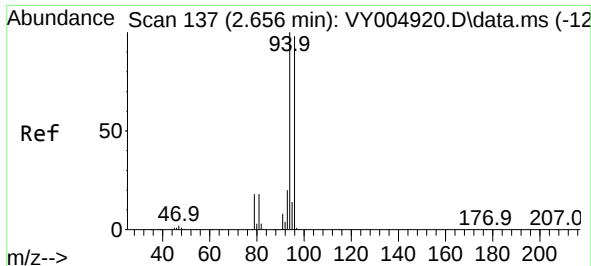
Tgt Ion:168 Resp: 14939
Ion Ratio Lower Upper
168 100
99 52.8 43.9 65.9



#3
Chloromethane
Concen: 1.344 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

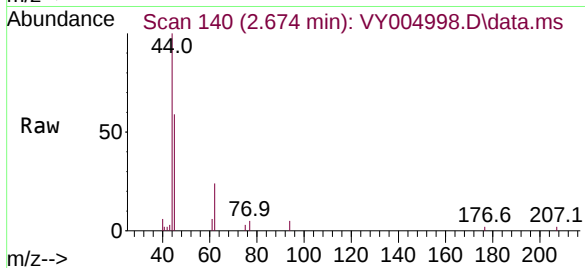
Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#



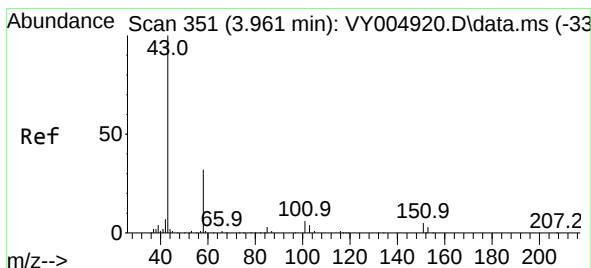
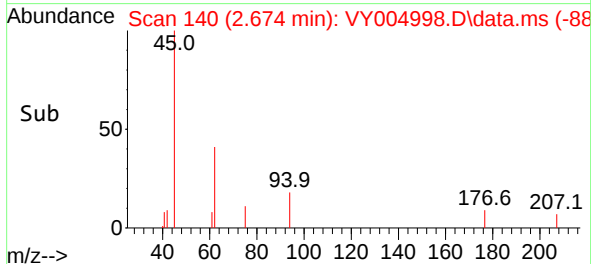
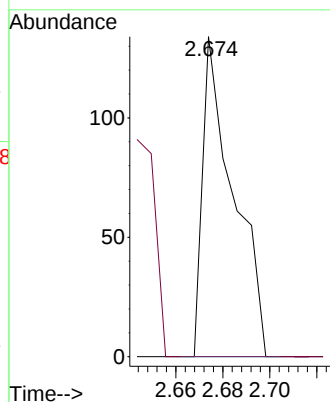


#5
Bromomethane
Concen: 1.208 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

Instrument :
MSVOA_Y
ClientSampled :

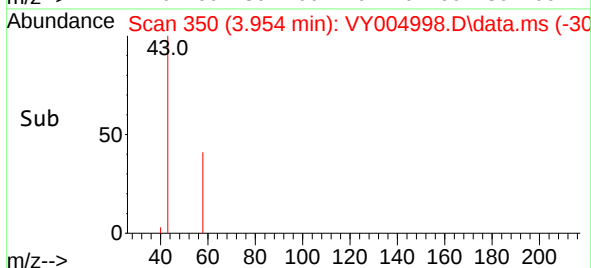
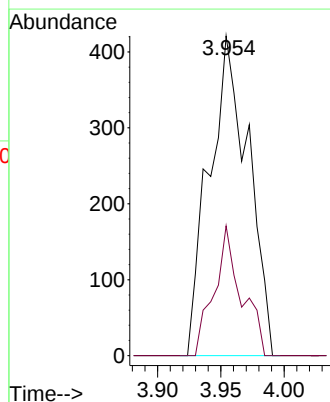
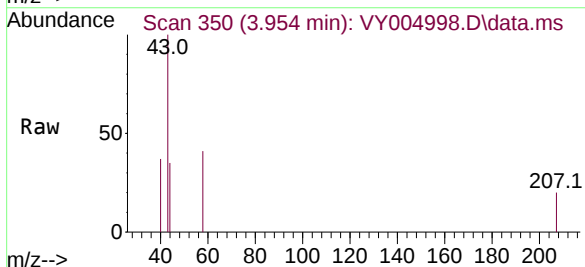


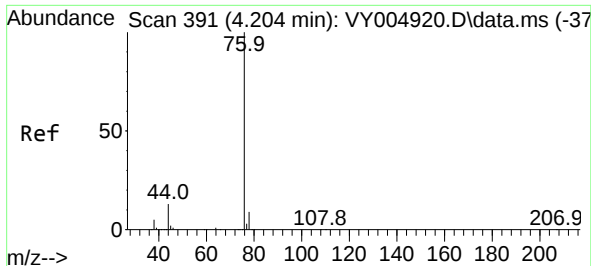
Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 0.0 78.4 117.6#



#16
Acetone
Concen: 23.804 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

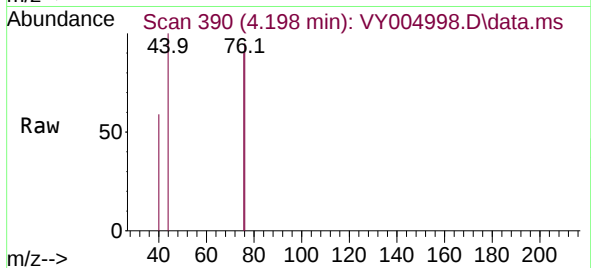
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 40.6 25.3 37.9#



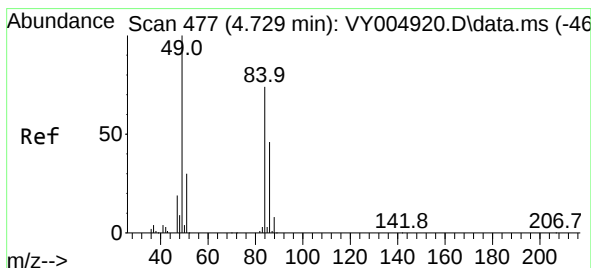
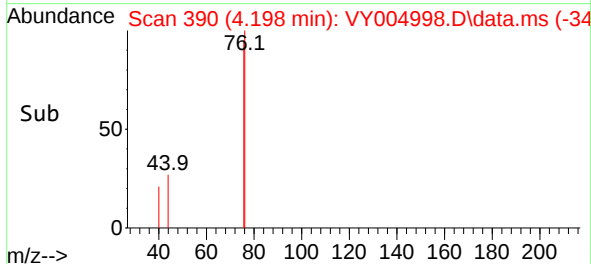
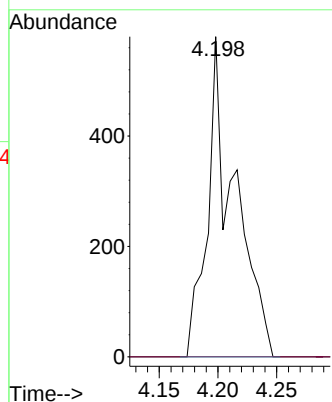


#17
Carbon Disulfide
Concen: 1.968 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

Instrument :
MSVOA_Y
ClientSampled :

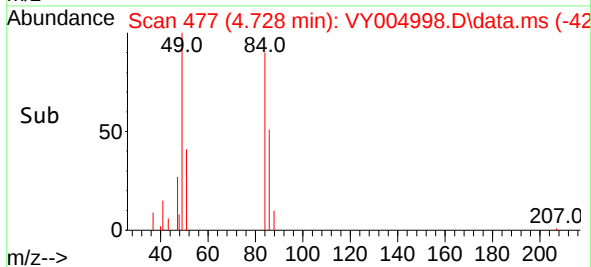
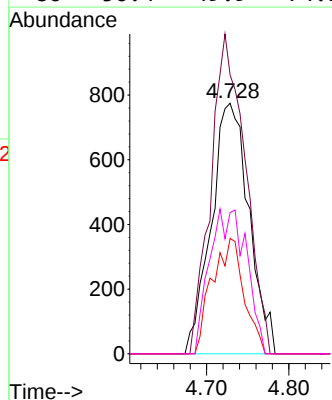
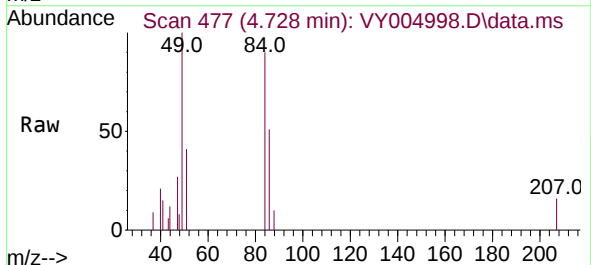


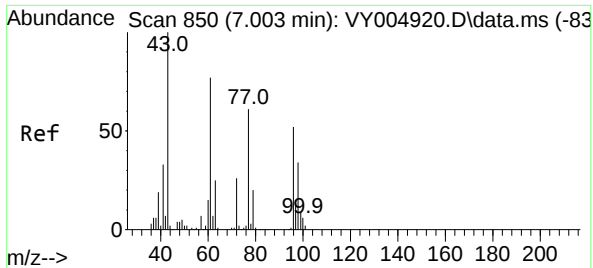
Tgt Ion: 76 Resp: 929
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#20
Methylene Chloride
Concen: 8.626 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

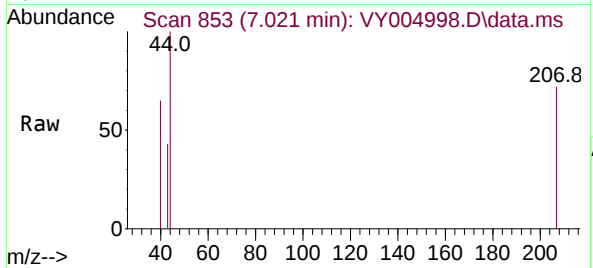
Tgt Ion: 84 Resp: 2476
Ion Ratio Lower Upper
84 100
49 111.2 108.0 162.0
51 46.1 32.6 48.8
86 56.4 49.9 74.9



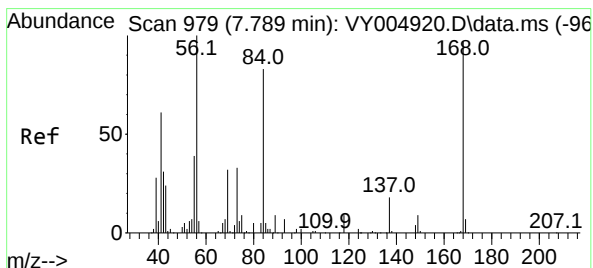
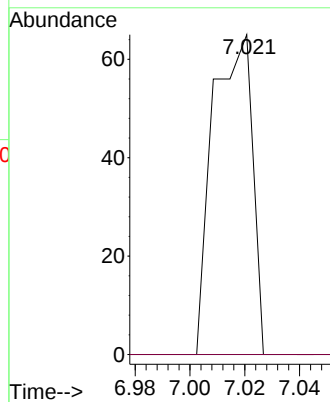
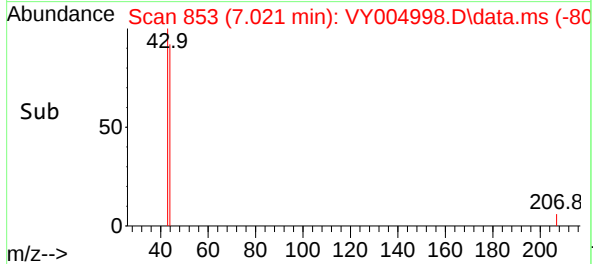


#25
2-Butanone
Concen: 1.017 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

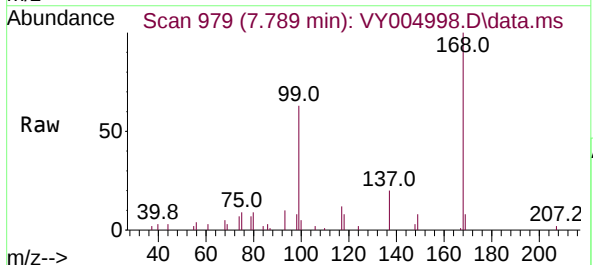
Instrument :
MSVOA_Y
ClientSampled :



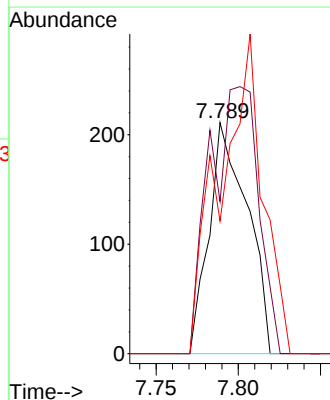
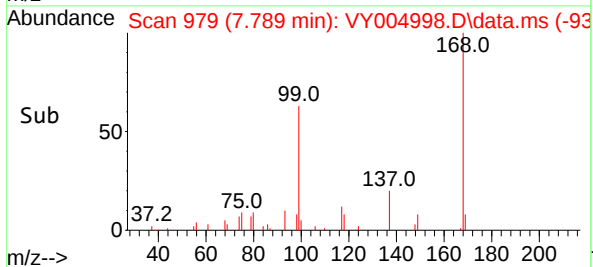
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#

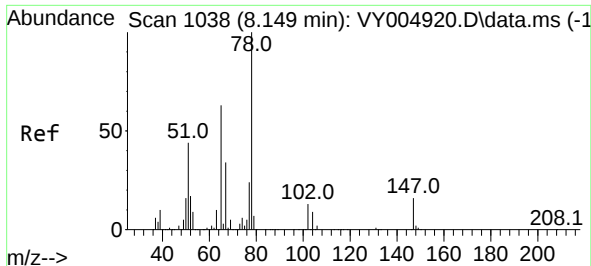


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19



Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
69 65.9 25.3 37.9#
84 57.3 66.2 99.4#

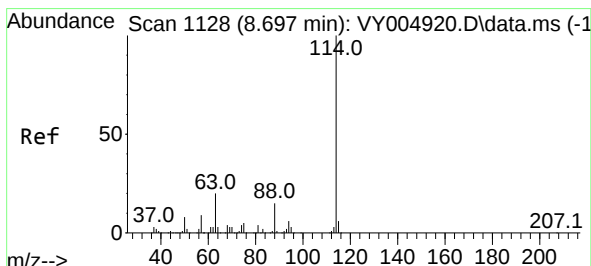
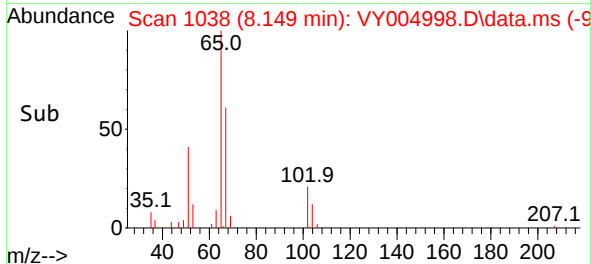
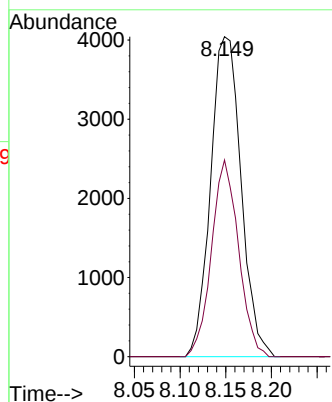
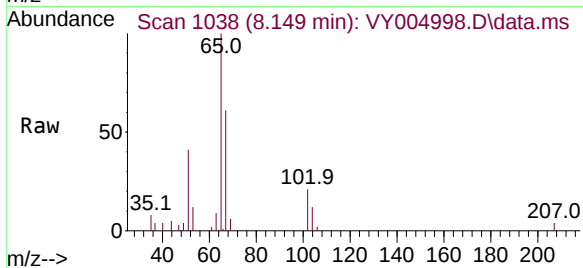




#33
 1,2-Dichloroethane-d4
 Concen: 59.418 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004998.D
 Acq: 07 Jun 2021 17:19

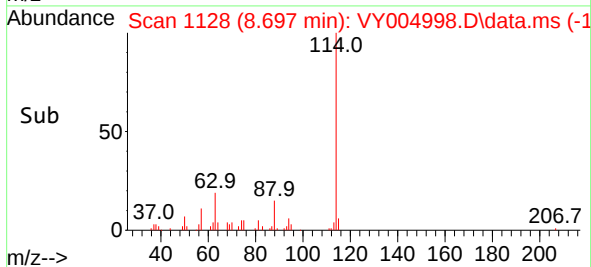
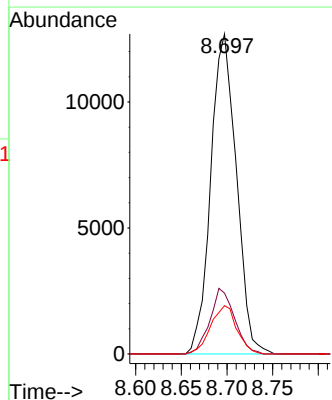
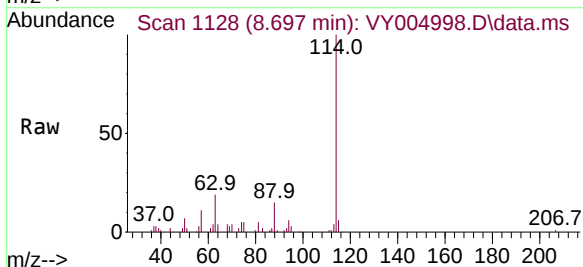
Instrument :
 MSVOA_Y
 ClientSampled :

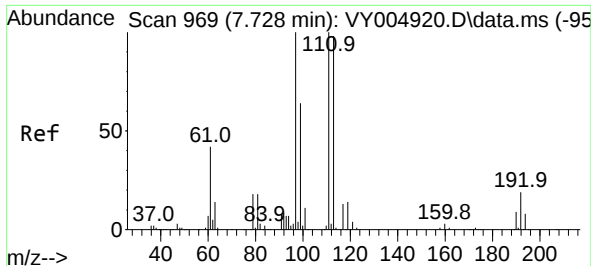
Tgt Ion: 65 Resp: 9384
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004998.D
 Acq: 07 Jun 2021 17:19

Tgt Ion: 114 Resp: 24796
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.0
 88 15.1 0.0 30.6

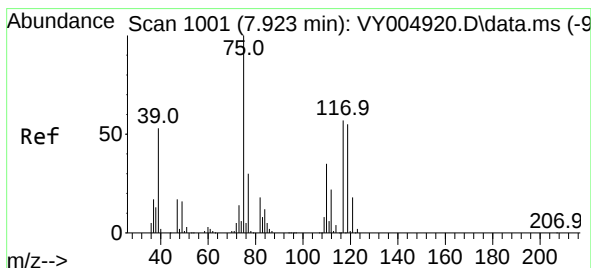
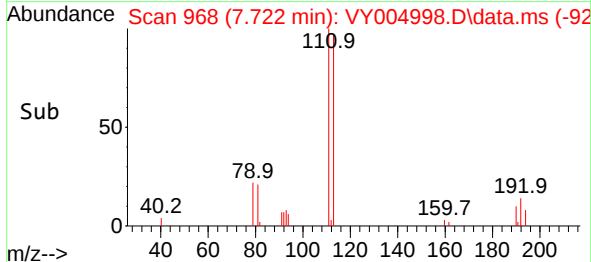
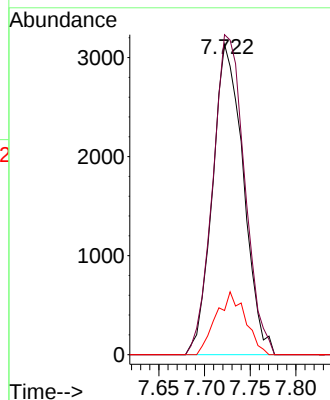
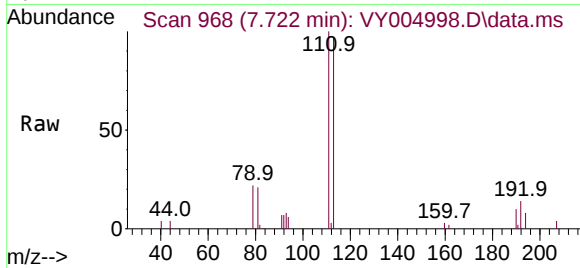




#35
Dibromofluoromethane
Concen: 55.043 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

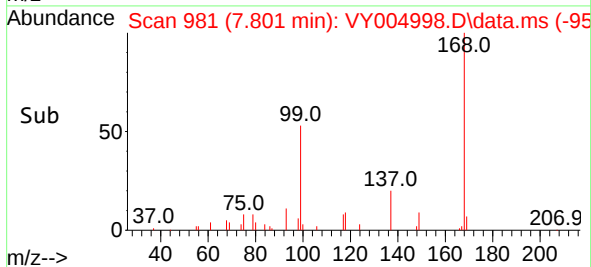
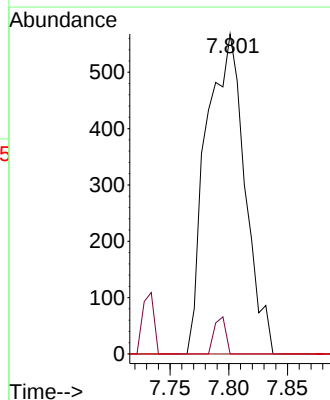
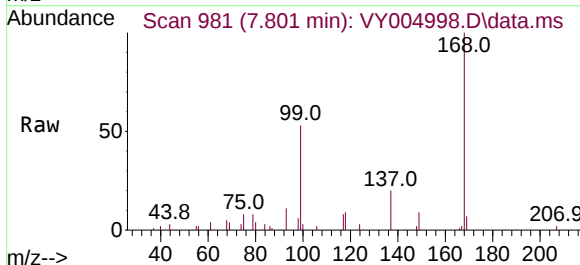
Instrument :
MSVOA_Y
ClientSampleId :

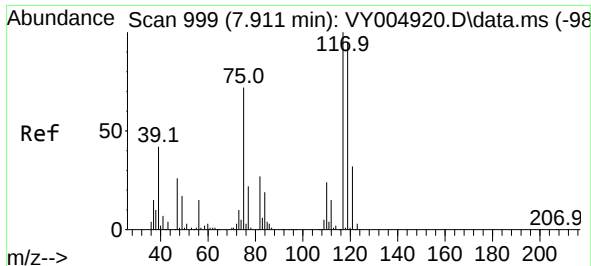
Tgt Ion:	113	Resp:	7343
Ion	Ratio	Lower	Upper
113	100		
111	106.3	81.8	122.8
192	19.3	15.3	22.9



#36
1,1-Dichloropropene
Concen: 5.341 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

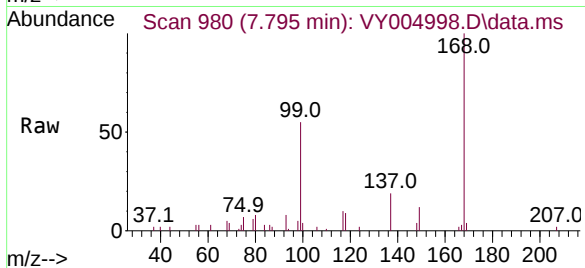
Tgt Ion:	75	Resp:	1296
Ion	Ratio	Lower	Upper
75	100		
110	3.4	17.5	52.5#
77	0.0	25.1	37.7#



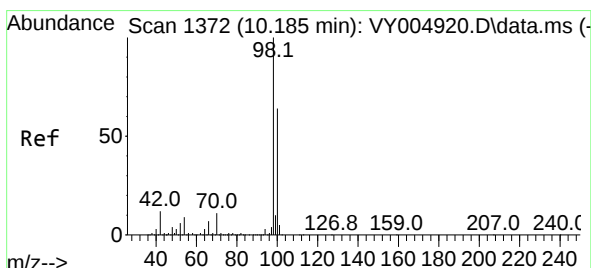
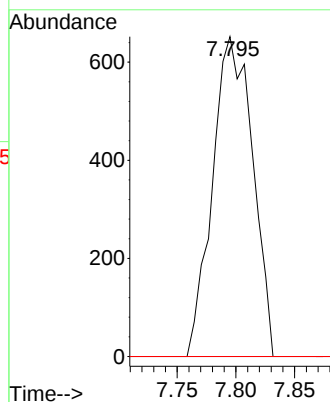
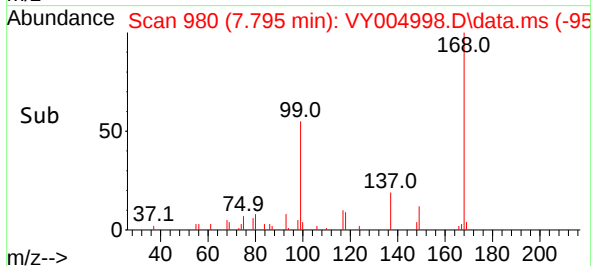


#38
Carbon Tetrachloride
Concen: 7.325 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

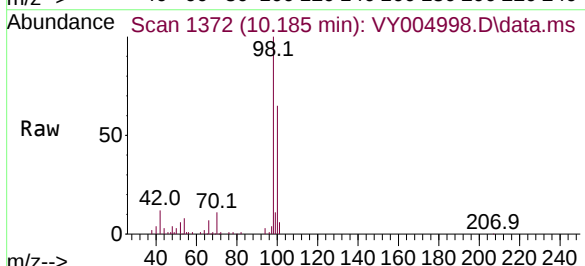
Instrument :
MSVOA_Y
ClientSampled :



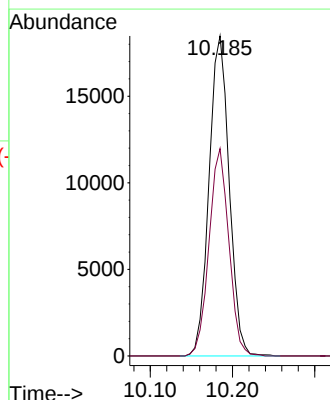
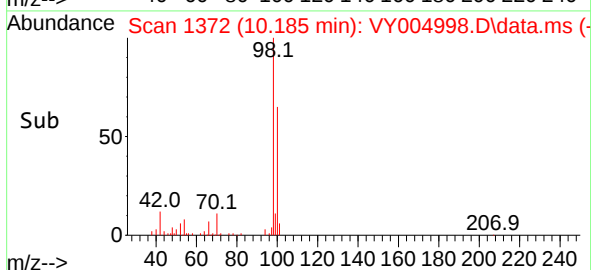
Tgt Ion:117 Resp: 1547
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 25.5 38.3#

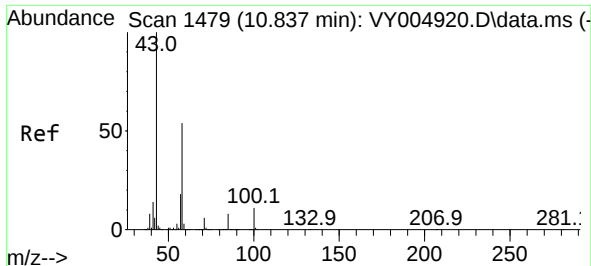


#50
Toluene-d8
Concen: 56.856 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19



Tgt Ion: 98 Resp: 31501
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

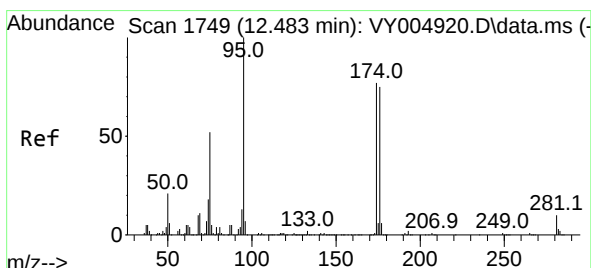
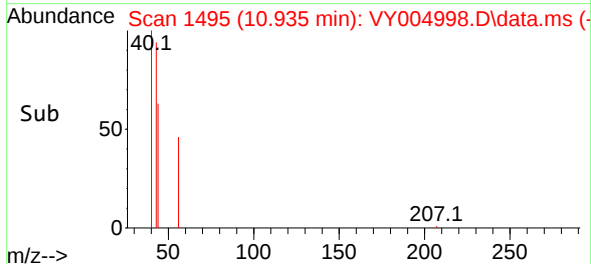
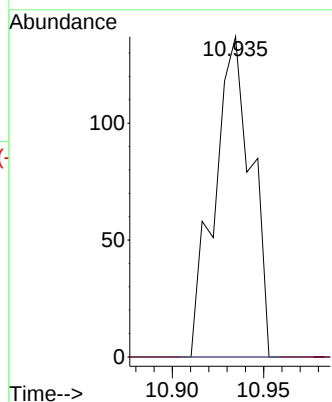
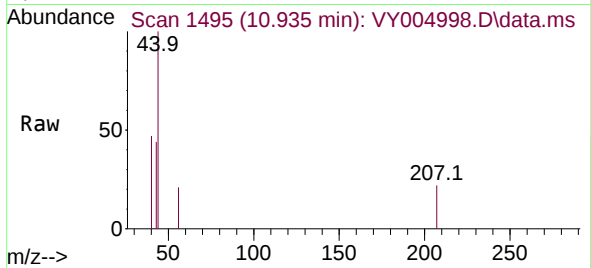




#59
2-Hexanone
Concen: 1.901 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

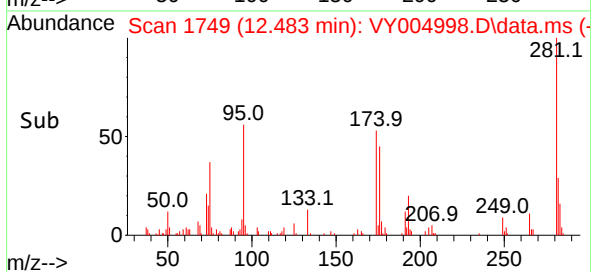
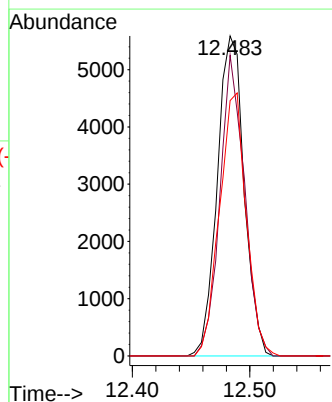
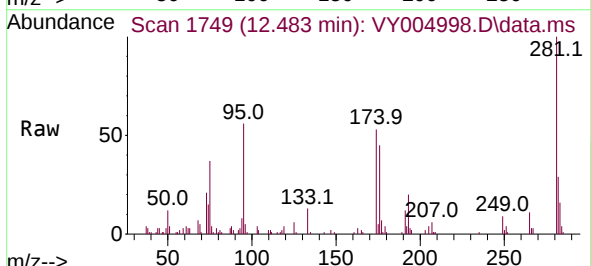
Instrument :
MSVOA_Y
ClientSampled :

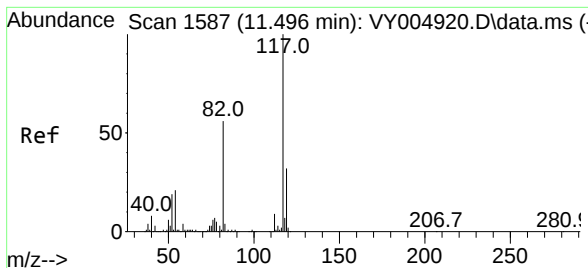
Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 46.676 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

Tgt Ion: 95 Resp: 8894
Ion Ratio Lower Upper
95 100
174 85.4 0.0 160.8
176 82.0 0.0 155.6

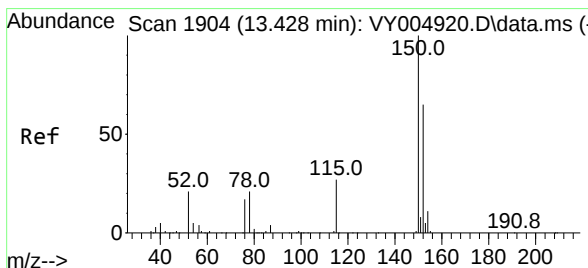
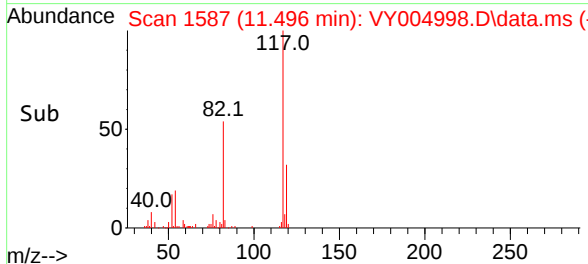
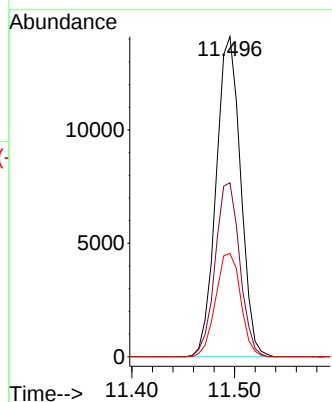
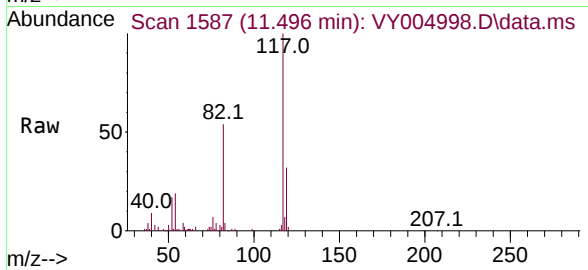




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

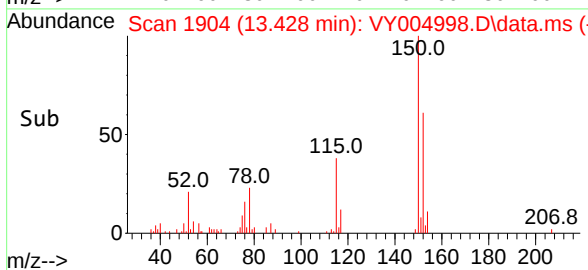
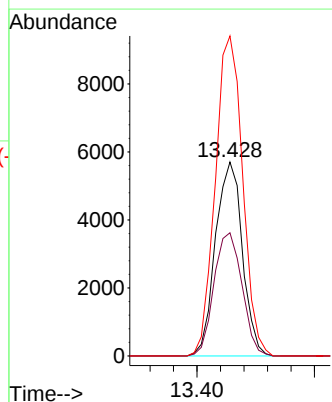
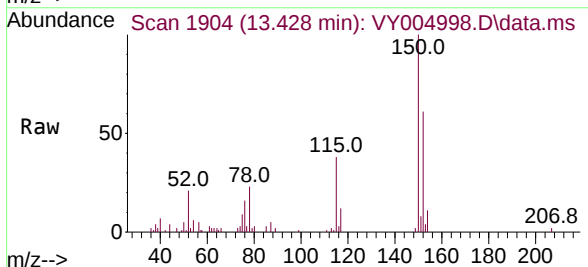
Instrument :
MSVOA_Y
ClientSampled :

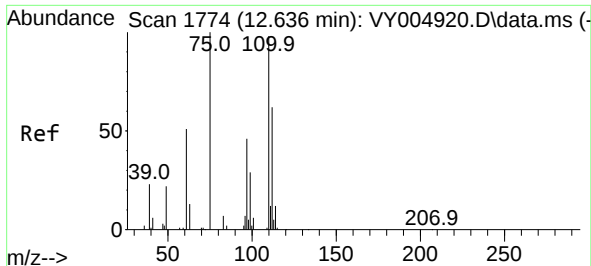
Tgt Ion:117 Resp: 23333
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

Tgt Ion:152 Resp: 9077
Ion Ratio Lower Upper
152 100
115 66.0 29.9 89.7
150 167.4 0.0 347.8

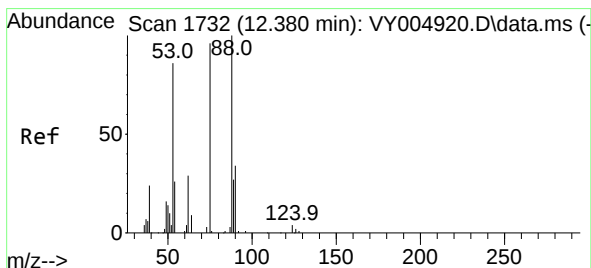
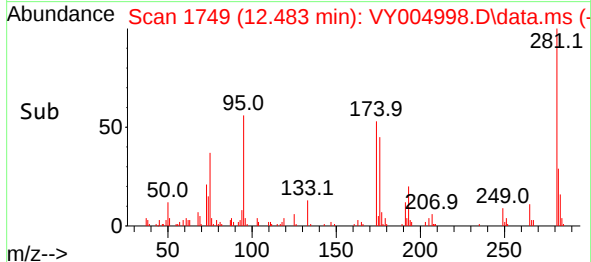
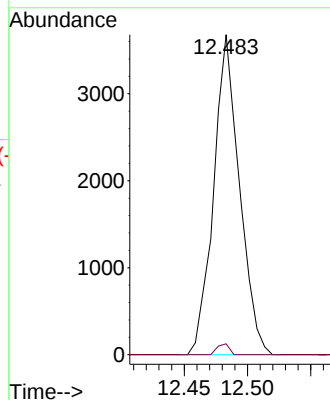
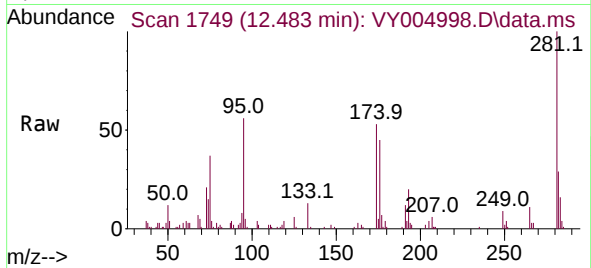




#76
1,2,3-Trichloropropane
Concen: 52.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

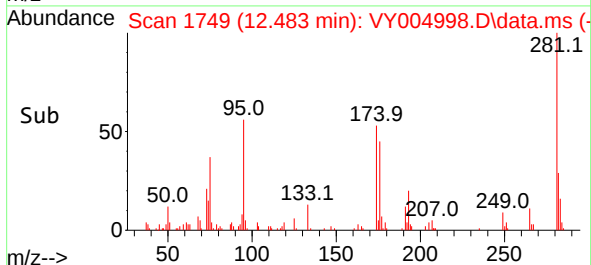
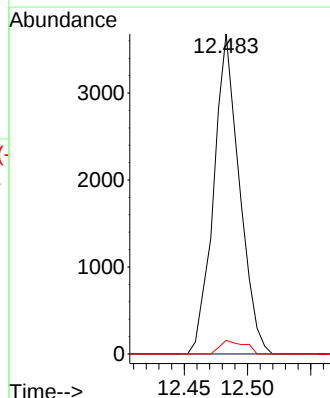
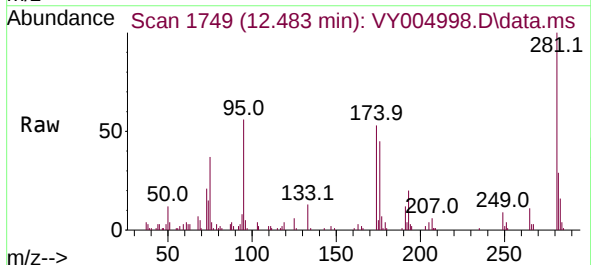
Instrument :
MSVOA_Y
ClientSampleId :

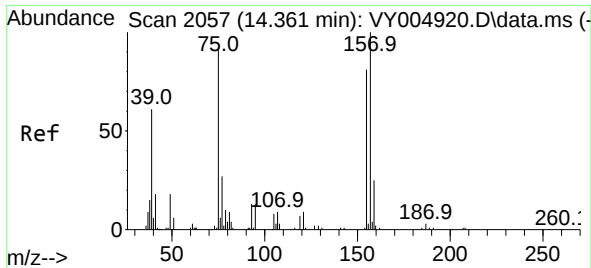
Tgt Ion: 75 Resp: 5222
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004998.D
Acq: 07 Jun 2021 17:19

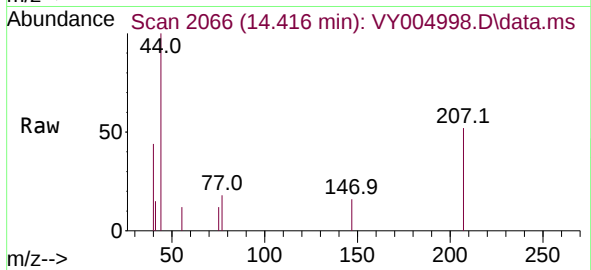
Tgt Ion: 75 Resp: 5222
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 4.0 35.0 52.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.755 ug/l
 RT: 14.416 min Scan# 2066
 Delta R.T. 0.055 min
 Lab File: VY004998.D
 Acq: 07 Jun 2021 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 40
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.9 128.5#
 157 0.0 54.1 162.4#

