

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005018.D
 Acq On : 08 Jun 2021 13:30
 Operator : SY/MD
 Sample : M2625-09
 Misc : 7.98G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:49:16 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)

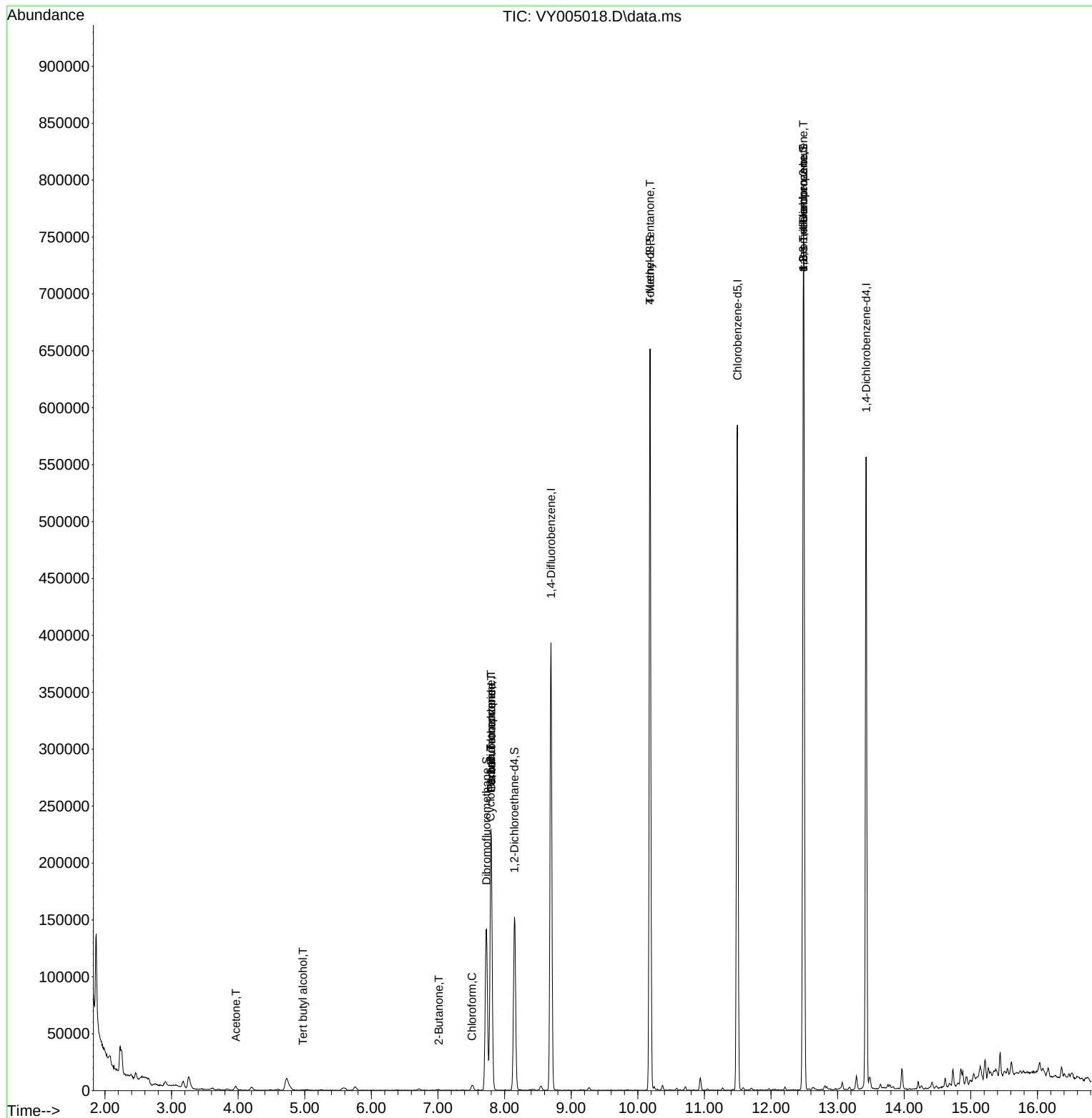
Internal Standards						
1) Pentafluorobenzene	7.801	168	173694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	315018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117628	64.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.120%	
35) Dibromofluoromethane	7.728	113	102709	58.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.100%	
50) Toluene-d8	10.185	98	408404	56.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.120%	
62) 4-Bromofluorobenzene	12.483	95	136424	54.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	527	2.496	ug/l #	74
13) Acrolein	3.735	56	20	Below Cal	#	15
16) Acetone	3.966	43	5611	12.694	ug/l	92
20) Methylene Chloride	4.722	84	7684	Below Cal		93
25) 2-Butanone	7.015	43	1281	1.723	ug/l	98
30) Chloroform	7.509	83	4336	1.272	ug/l	93
31) Cyclohexane	7.789	56	4001	1.238	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14549	4.559	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17267	6.217	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	2051	1.038	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	75416	50.488	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75416	92.786	ug/l #	16

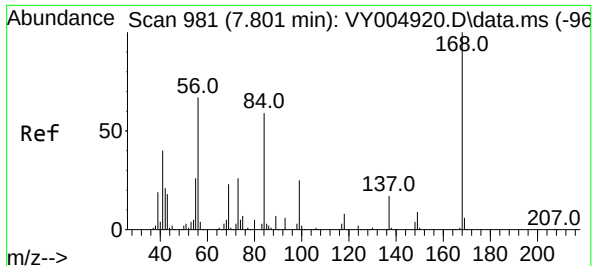
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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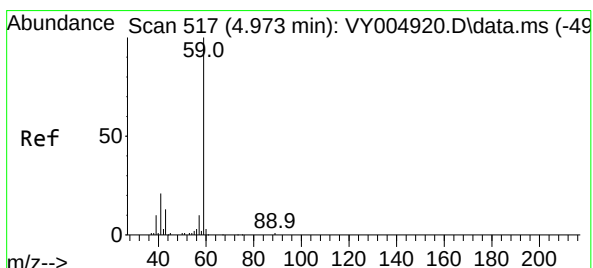
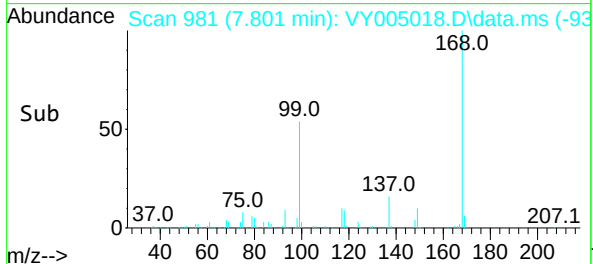
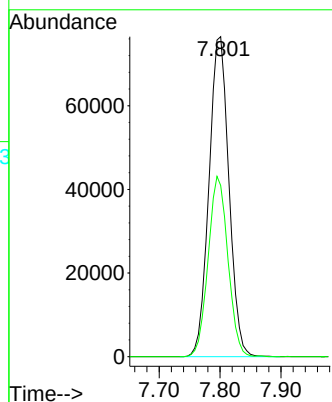
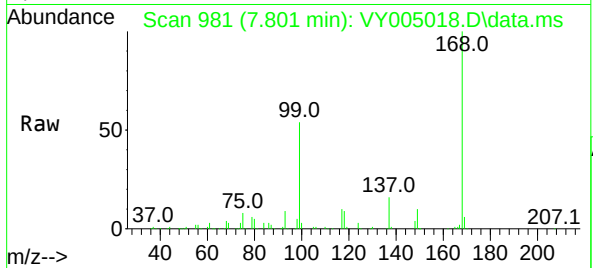




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

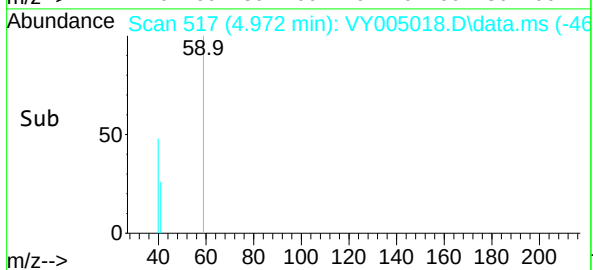
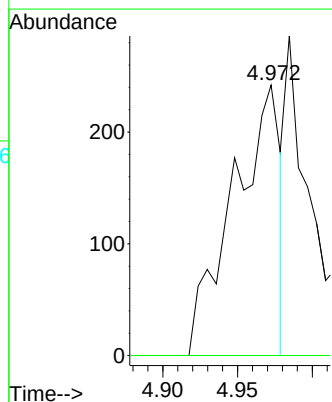
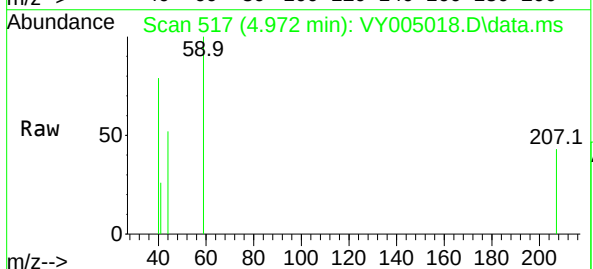
Instrument :
MSVOA_Y
ClientSampleId :

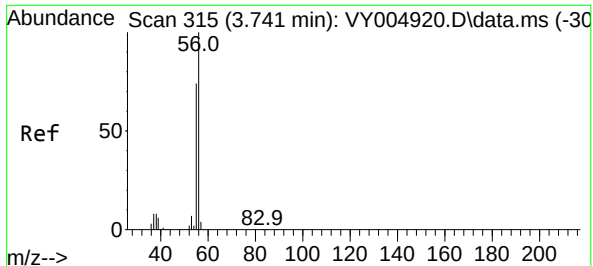
Tgt Ion:168 Resp: 173694
Ion Ratio Lower Upper
168 100
99 53.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.496 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion: 59 Resp: 527
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

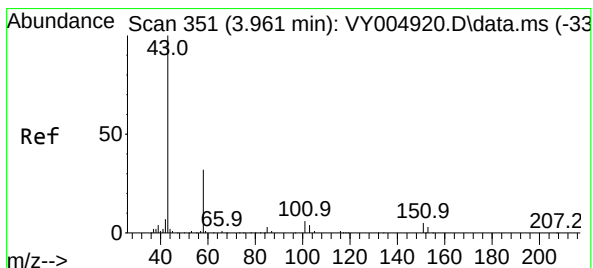
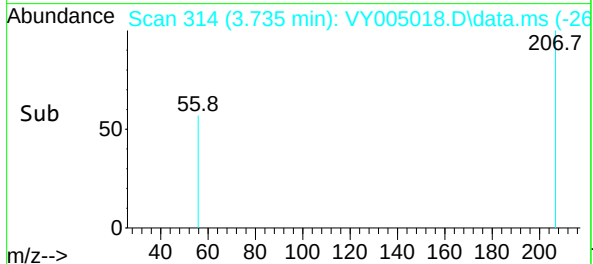
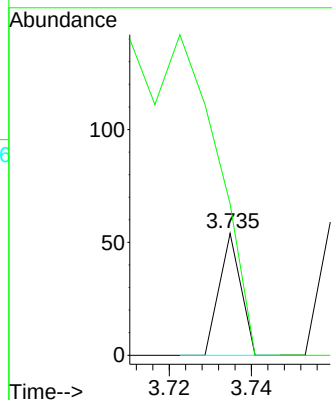
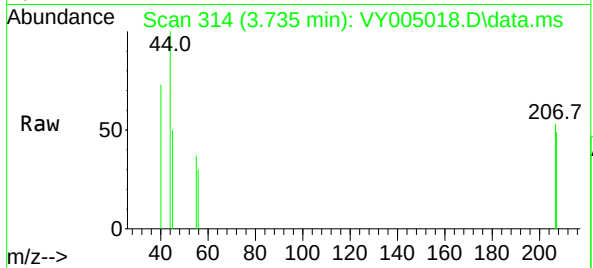




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

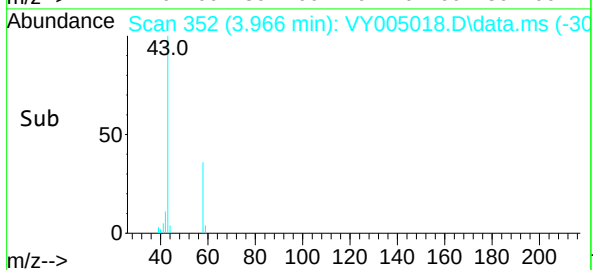
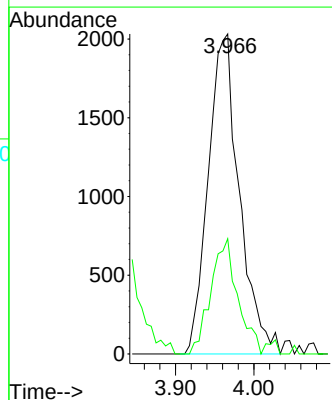
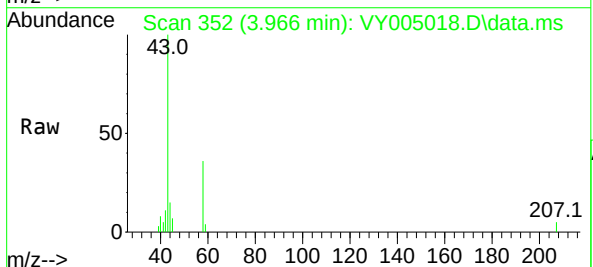
Instrument :
MSVOA_Y
ClientSampled :

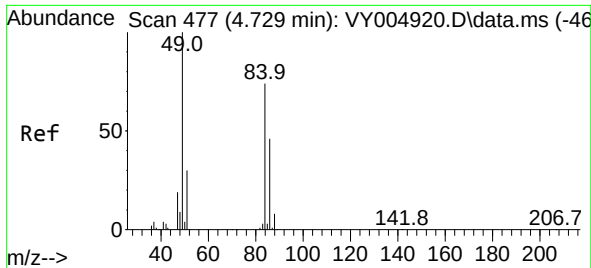
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 12.694 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

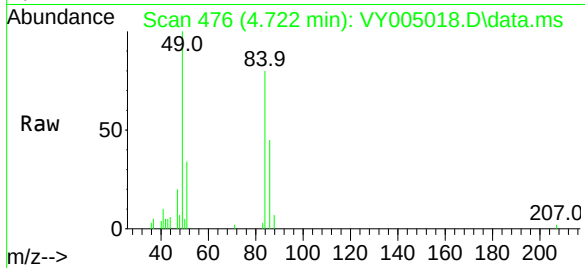
Tgt Ion: 43 Resp: 5611
Ion Ratio Lower Upper
43 100
58 36.0 25.3 37.9



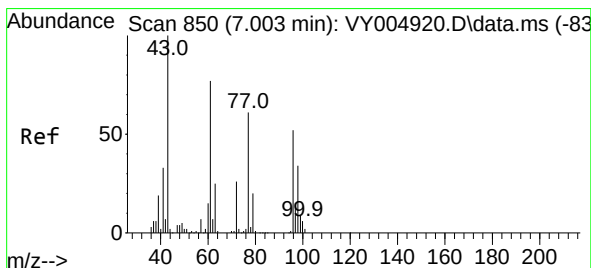
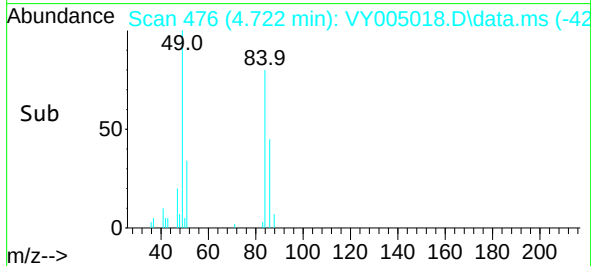
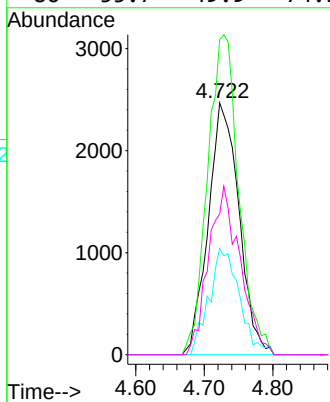


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :

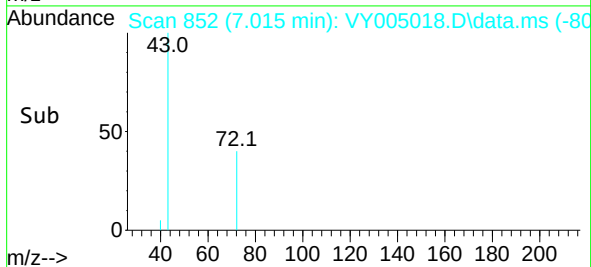
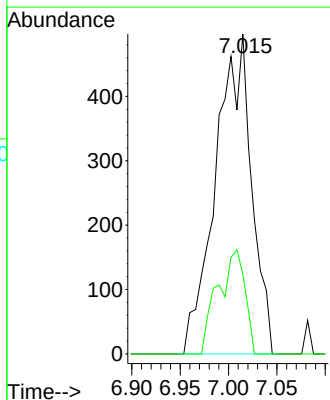
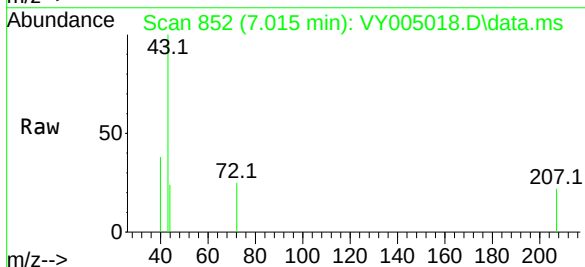


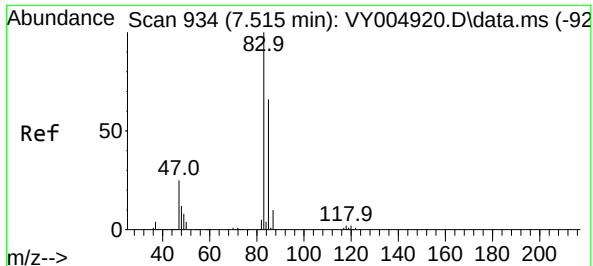
Tgt Ion:	84	Resp:	7684
Ion	Ratio	Lower	Upper
84	100		
49	125.0	108.0	162.0
51	42.2	32.6	48.8
86	55.7	49.9	74.9



#25
2-Butanone
Concen: 1.723 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion:	43	Resp:	1281
Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.6	31.0

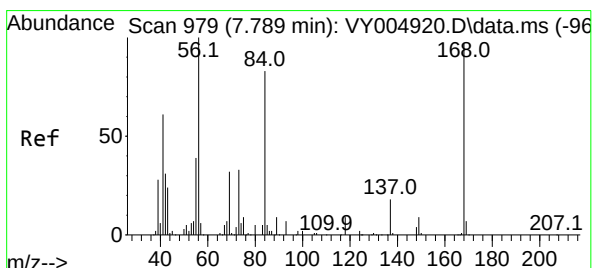
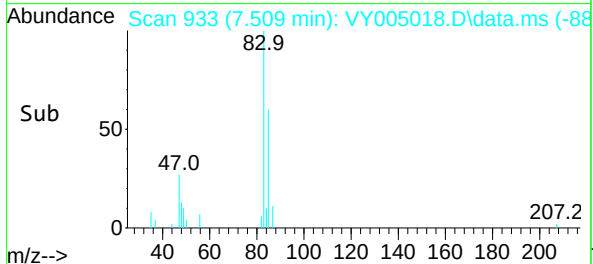
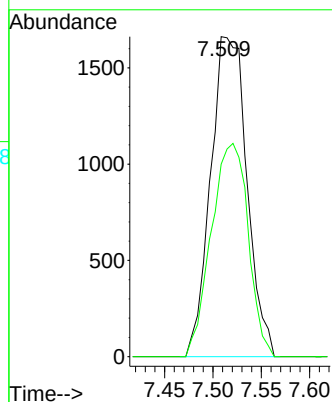
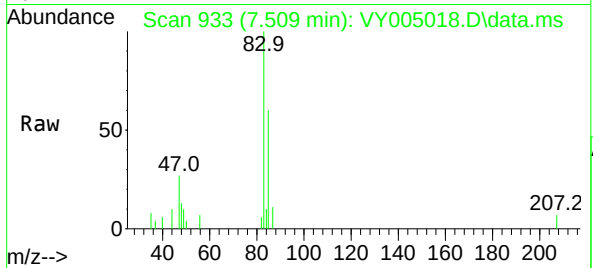




#30
Chloroform
Concen: 1.272 ug/l
RT: 7.509 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

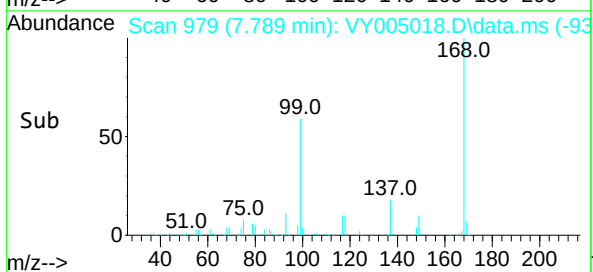
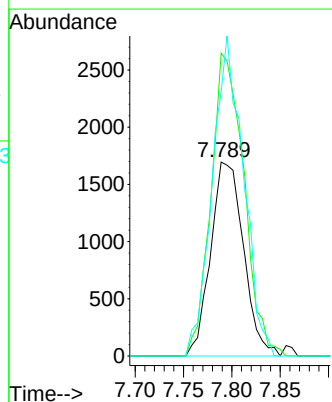
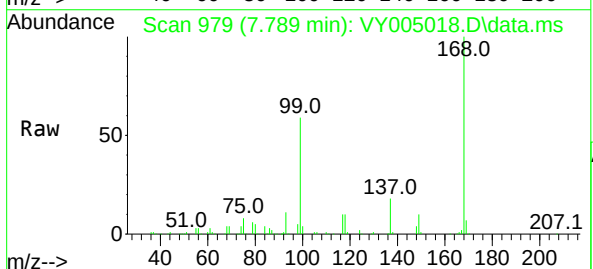
Instrument :
MSVOA_Y
ClientSampleId :

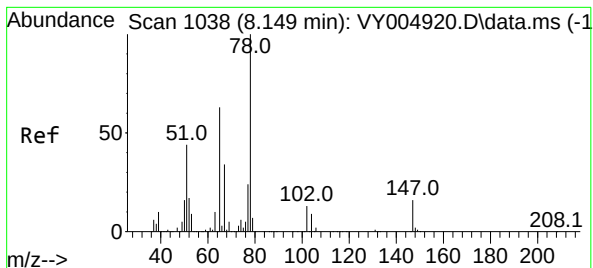
Tgt Ion: 83 Resp: 4336
Ion Ratio Lower Upper
83 100
85 60.2 52.6 78.8



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion: 56 Resp: 4001
Ion Ratio Lower Upper
56 100
69 156.1 25.3 37.9#
84 136.3 66.2 99.4#



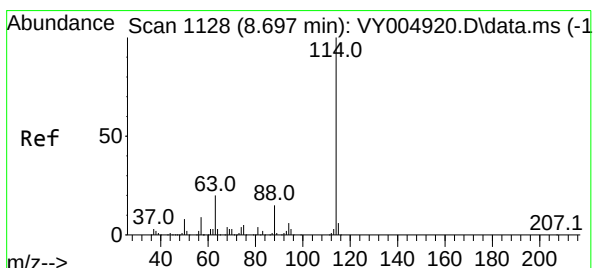
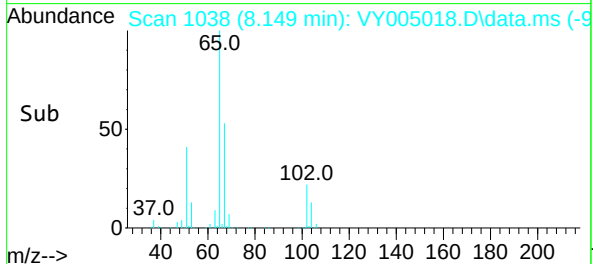
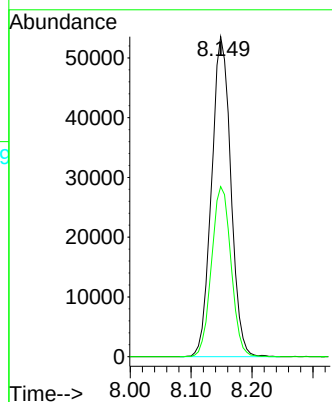
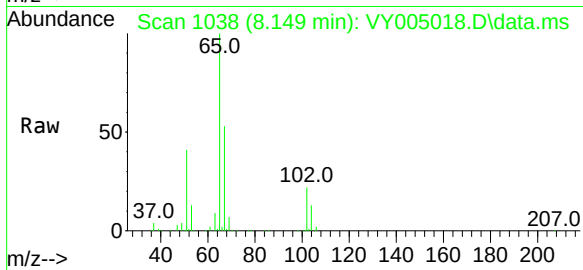


#33

1,2-Dichloroethane-d4
Concen: 64.059 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampled :

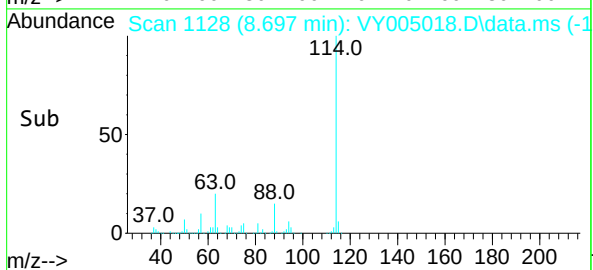
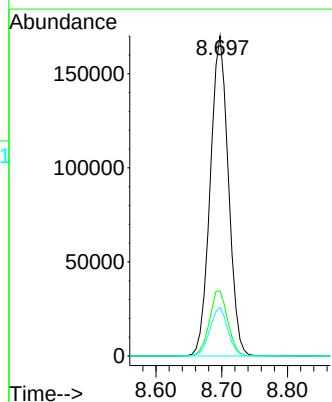
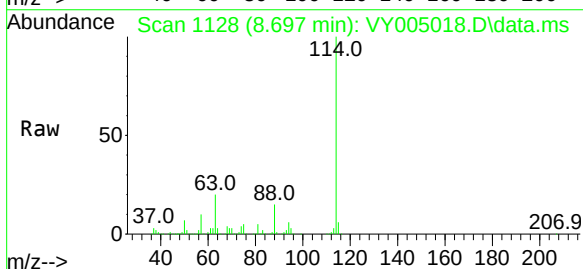
Tgt Ion: 65 Resp: 117628
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6

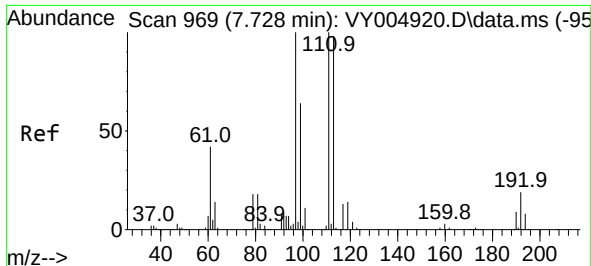


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion: 114 Resp: 326064
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 15.2 0.0 30.6

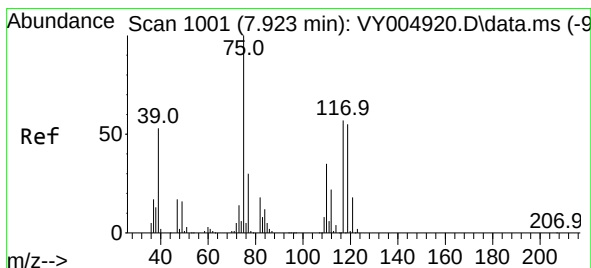
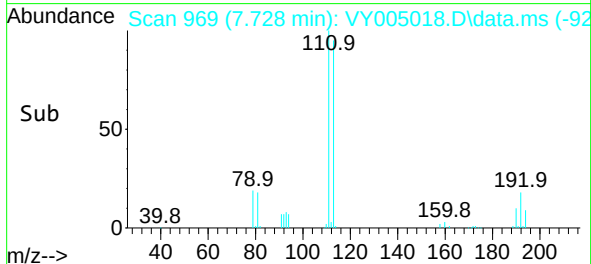
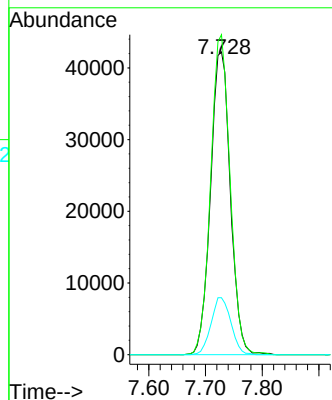
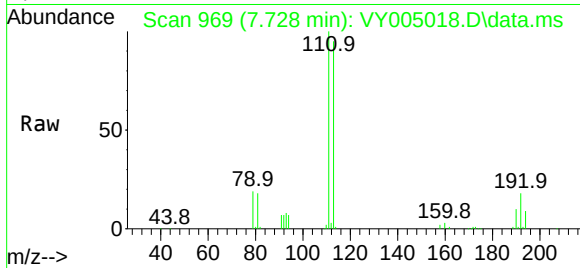




#35
Dibromofluoromethane
Concen: 58.548 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

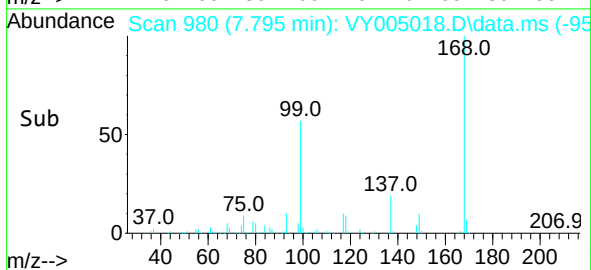
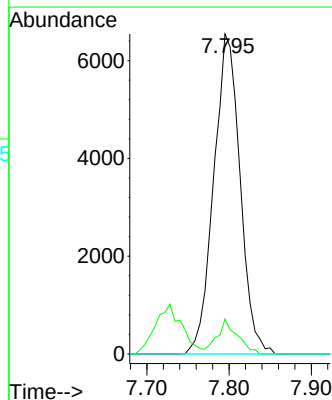
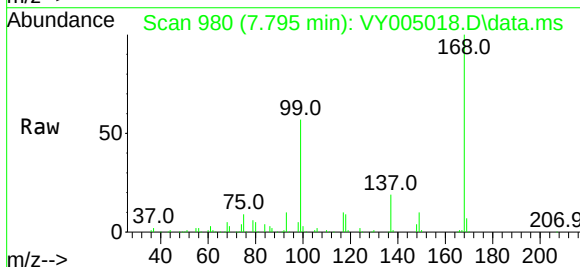
Instrument :
MSVOA_Y
ClientSampleId :

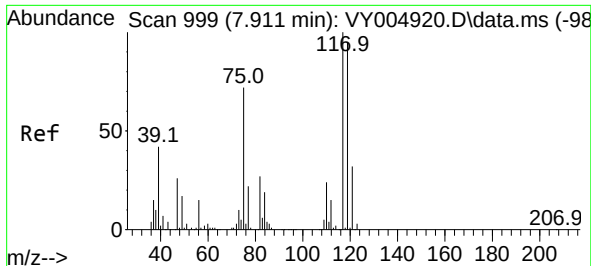
Tgt Ion:113 Resp: 102709
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 18.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.559 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

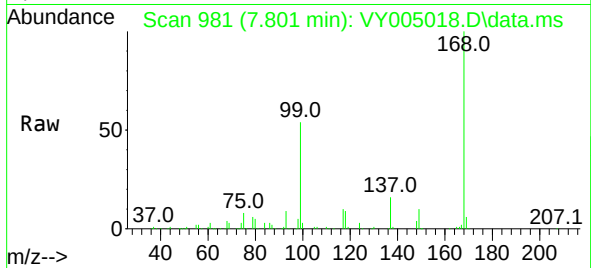
Tgt Ion: 75 Resp: 14549
Ion Ratio Lower Upper
75 100
110 8.2 17.5 52.5#
77 0.0 25.1 37.7#



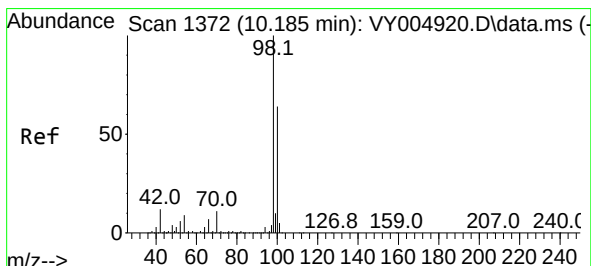
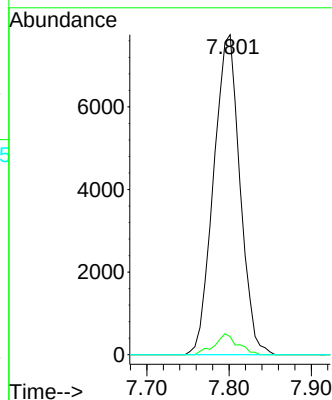
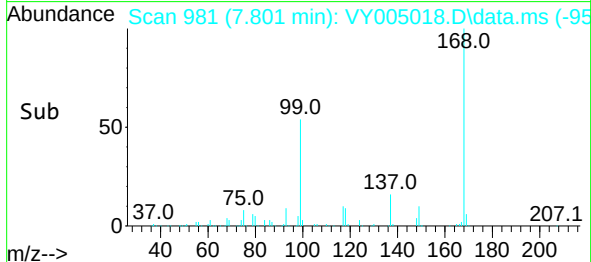


#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :

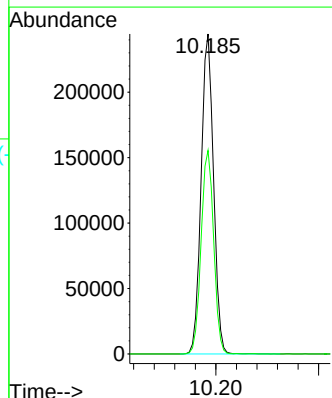
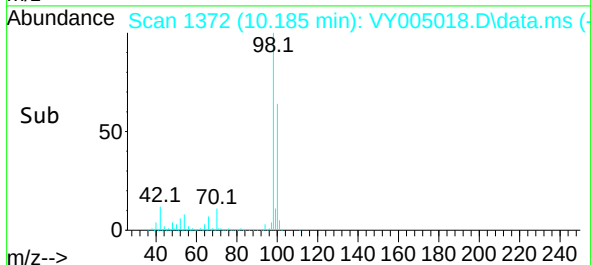
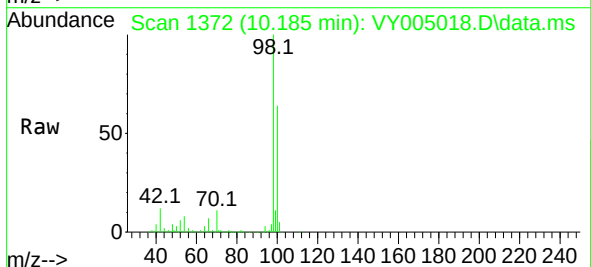


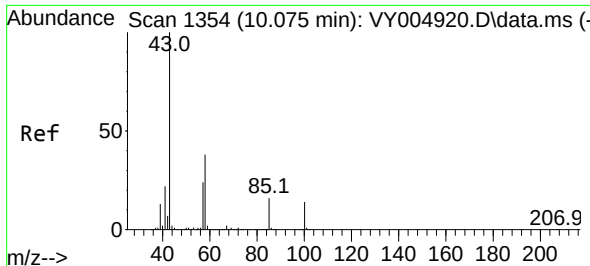
Tgt Ion: 117 Resp: 17267
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.056 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion: 98 Resp: 408404
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

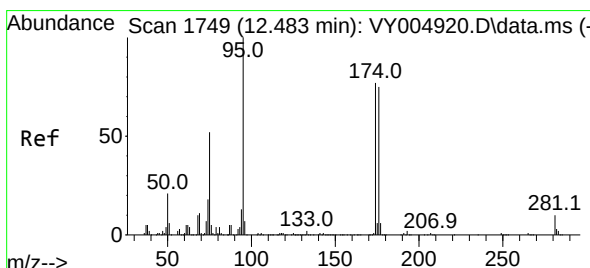
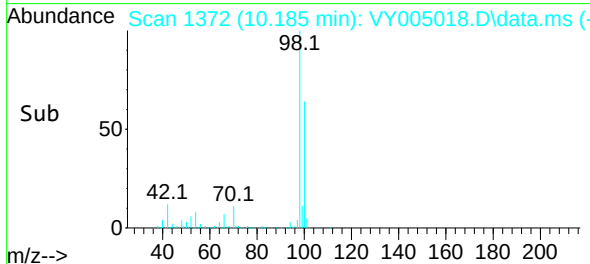
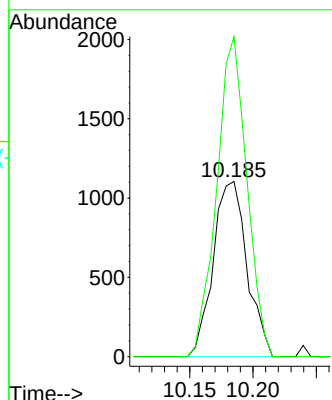
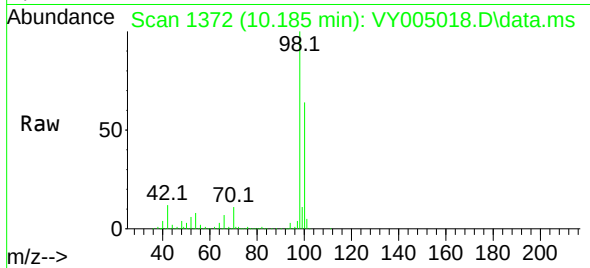




#51
4-Methyl-2-Pentanone
Concen: 1.038 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

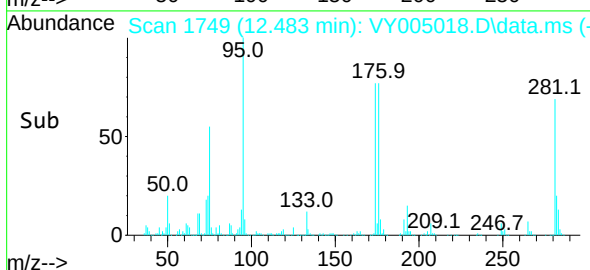
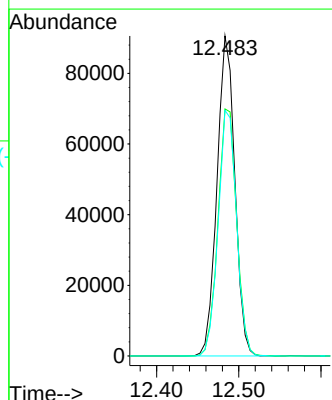
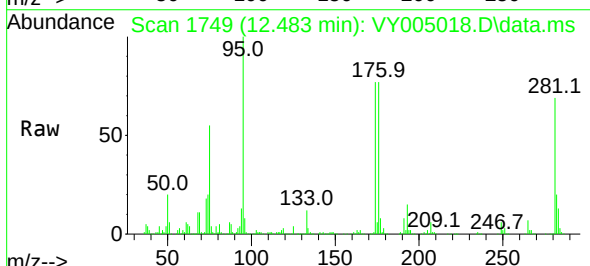
Instrument :
MSVOA_Y
ClientSampled :

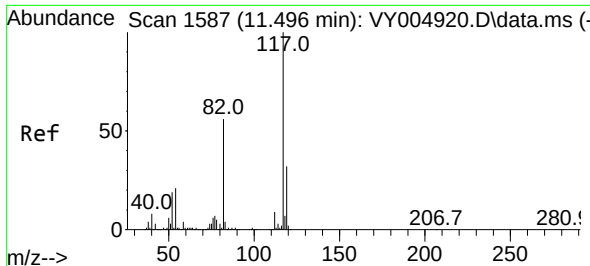
Tgt Ion: 43 Resp: 2051
Ion Ratio Lower Upper
43 100
58 163.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 54.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion: 95 Resp: 136424
Ion Ratio Lower Upper
95 100
174 80.7 0.0 160.8
176 79.0 0.0 155.6

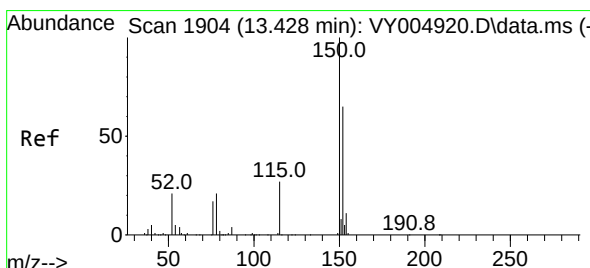
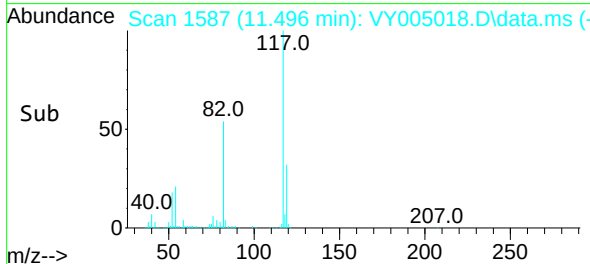
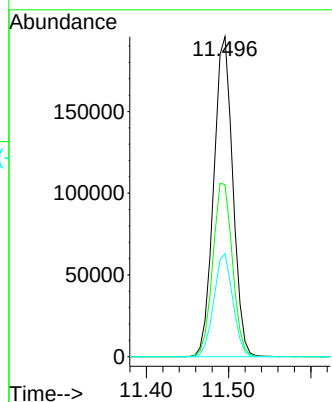
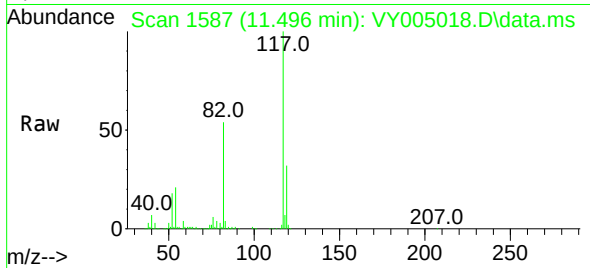




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

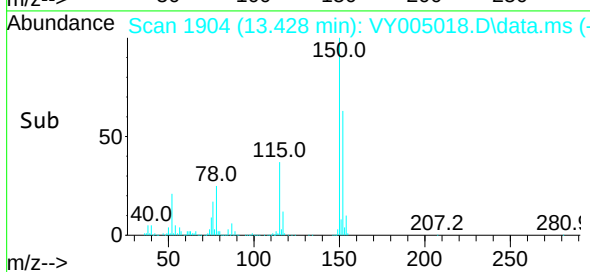
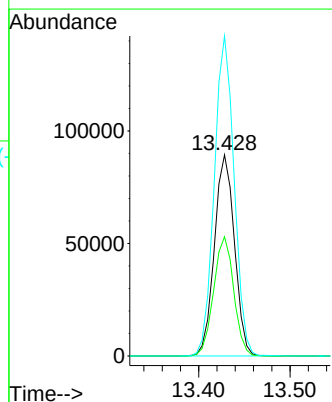
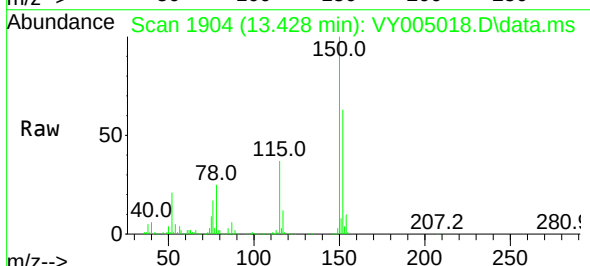
Instrument :
MSVOA_Y
ClientSampleId :

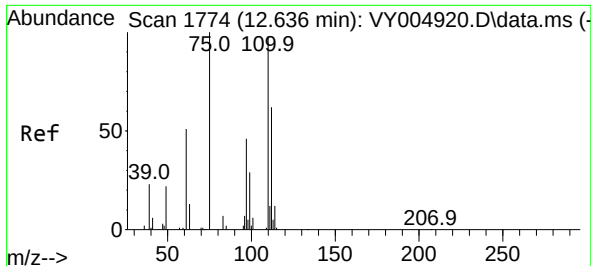
Tgt Ion:117 Resp: 315018
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion:152 Resp: 136265
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.7
150 157.4 0.0 347.8

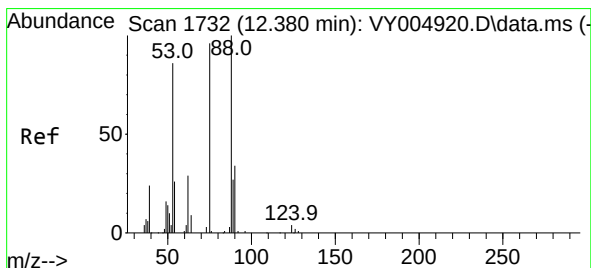
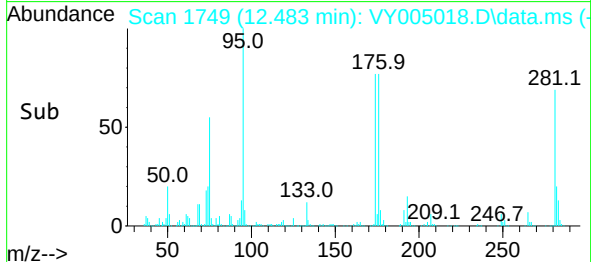
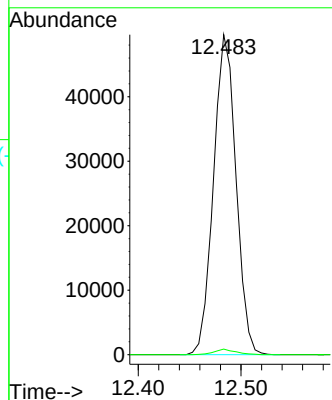
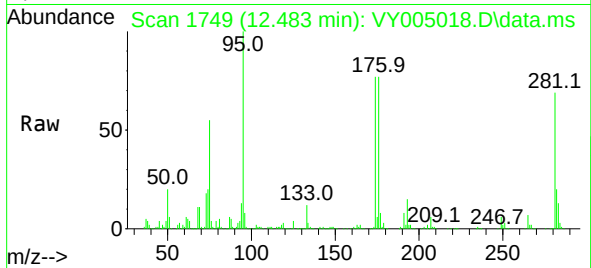




#76
1,2,3-Trichloropropane
Concen: 50.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75416
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.786 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005018.D
Acq: 08 Jun 2021 13:30

Tgt Ion: 75 Resp: 75416
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.9 35.0 52.6#

