

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005130.D
 Acq On : 11 Jun 2021 17:26
 Operator : SY/MD
 Sample : M2687-02
 Misc : 9.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 17-B6(104-108)

Quant Time: Jun 12 00:37:13 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)

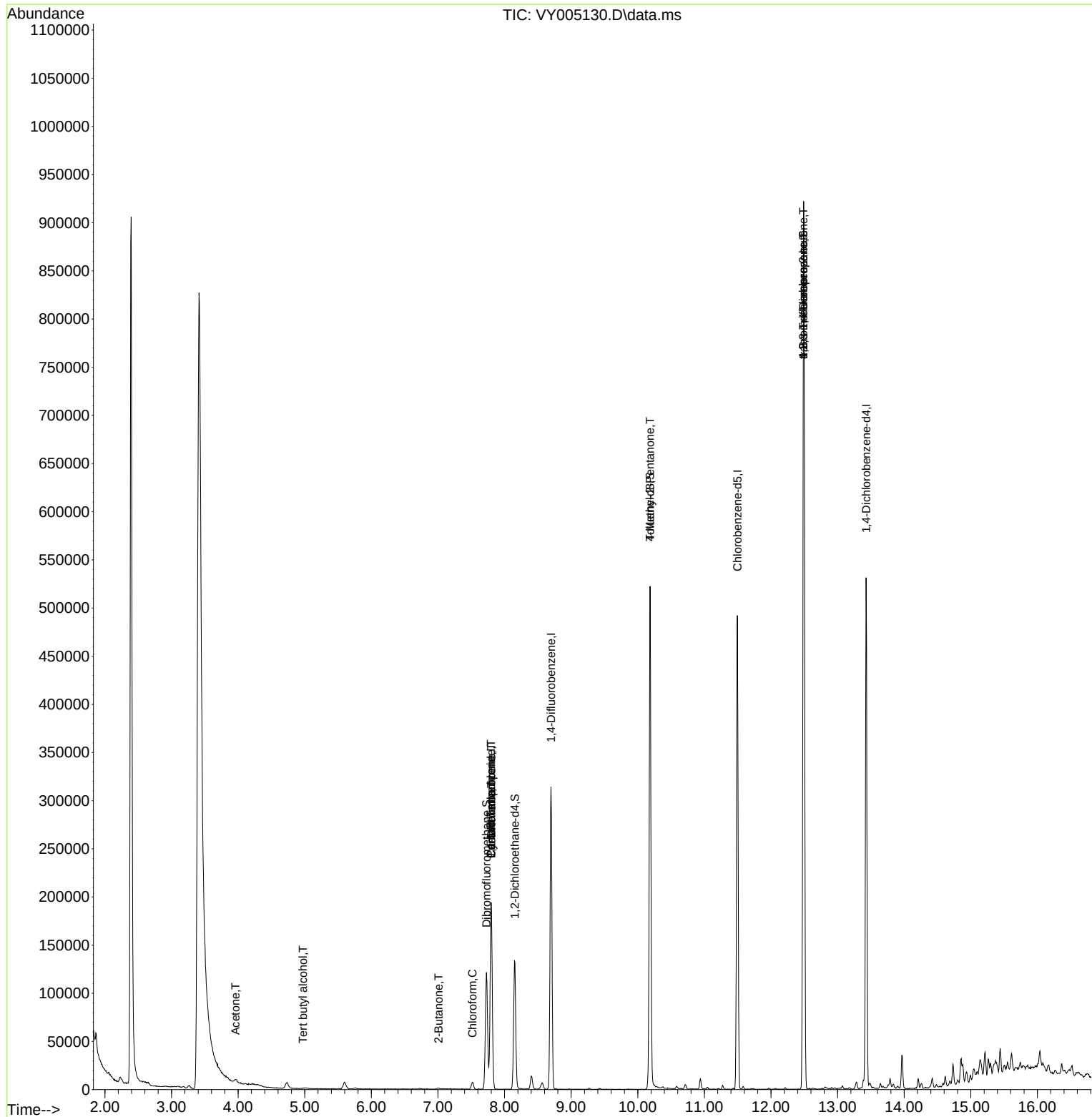
Internal Standards						
1) Pentafluorobenzene	7.795	168	150862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	103863	65.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.24%			
35) Dibromofluoromethane	7.728	113	83324	57.39	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.78%			
50) Toluene-d8	10.185	98	333443	55.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.60%			
62) 4-Bromofluorobenzene	12.483	95	118248	57.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.04%			
Target Compounds						
11) Tert butyl alcohol	4.973	59	1313	7.16	ug/l #	74
13) Acrolein	3.747	56	208	Below Cal		91
16) Acetone	3.961	43	5141	13.39	ug/l	90
20) Methylene Chloride	4.735	84	4454	Below Cal	#	80
25) 2-Butanone	7.009	43	2064	3.20	ug/l	94
30) Chloroform	7.515	83	7159	2.42	ug/l	93
31) Cyclohexane	7.801	56	3315	1.18	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	11823	4.48	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15369	6.69	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	6015	3.68	ug/l #	84
76) 1,2,3-Trichloropropane	12.483	75	69638	48.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69638	88.40	ug/l #	16

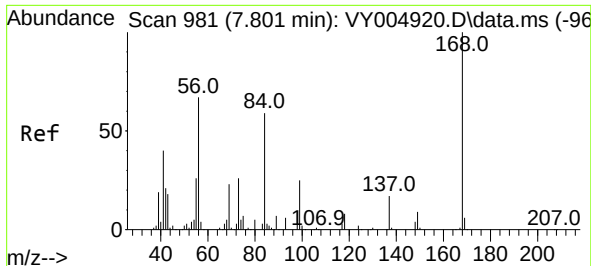
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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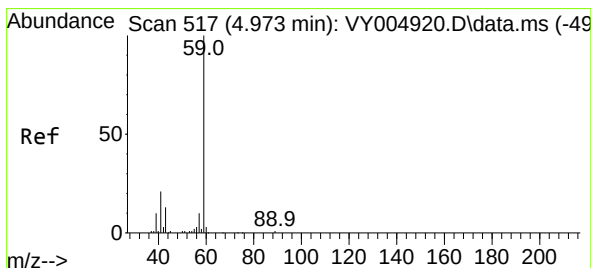
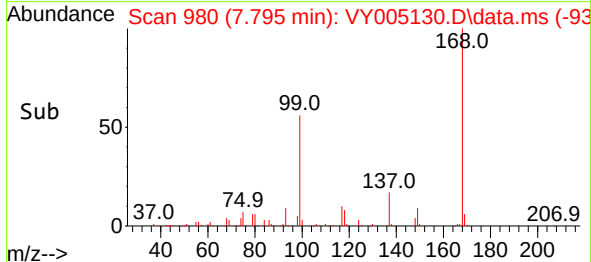
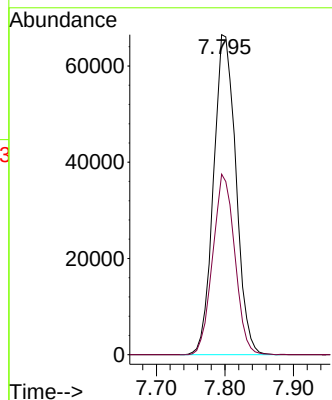
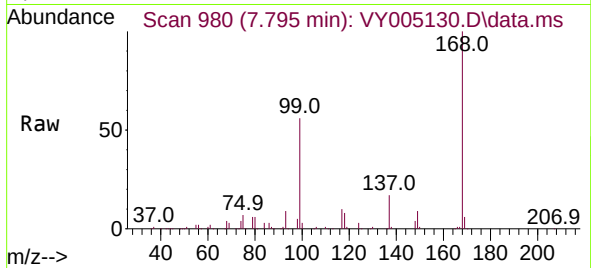




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

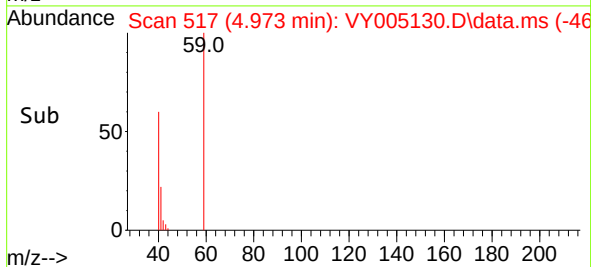
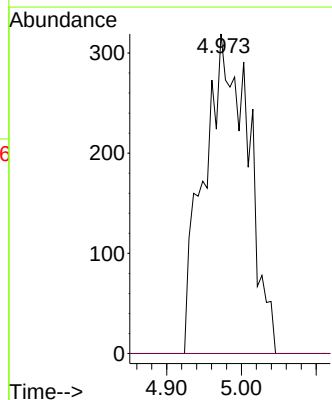
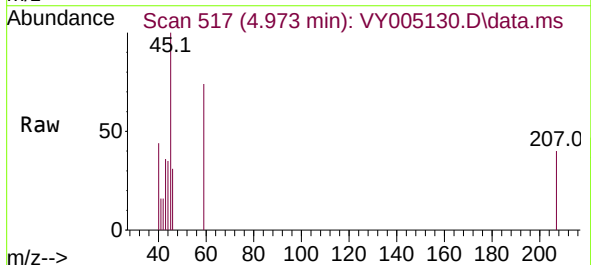
Instrument :
MSVOA_Y
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17-B6(104-108)

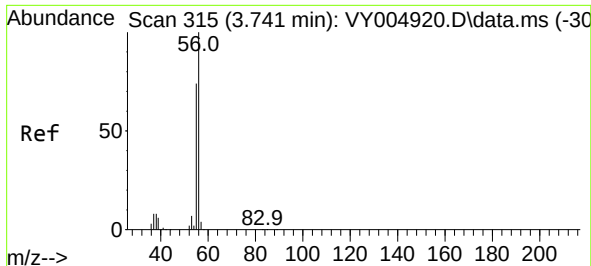
Tgt Ion:168 Resp: 150862
Ion Ratio Lower Upper
168 100
99 56.4 43.9 65.9



#11
Tert butyl alcohol
Concen: 7.16 ug/l
RT: 4.973 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion: 59 Resp: 1313
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

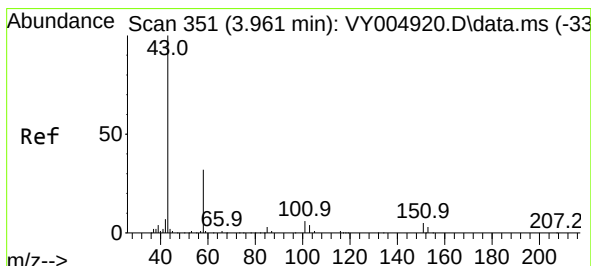
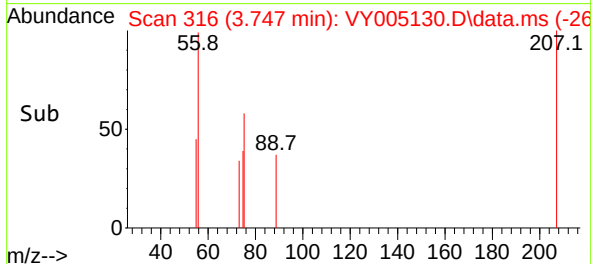
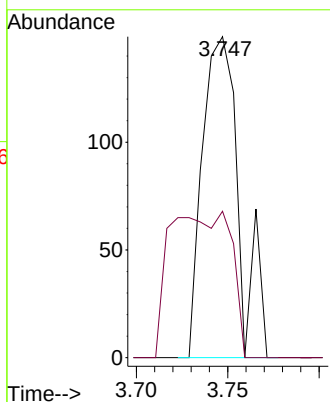
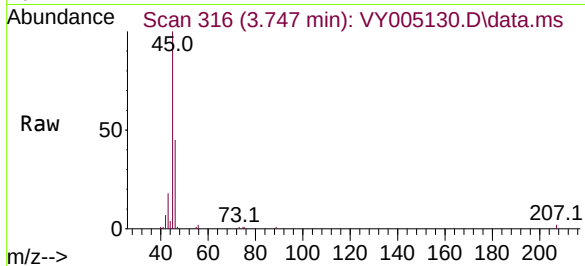




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

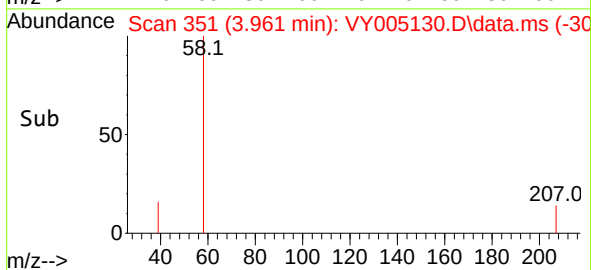
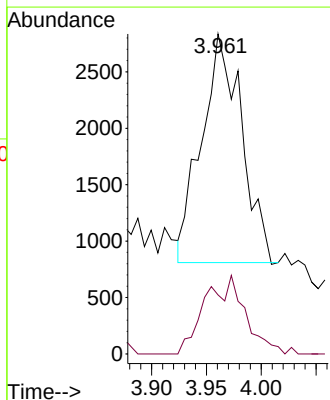
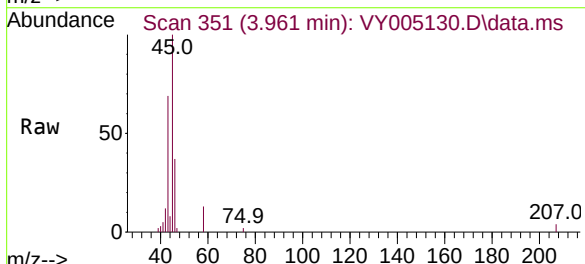
Instrument :
MSVOA_Y
ClientSampleId :
17-B6(104-108)

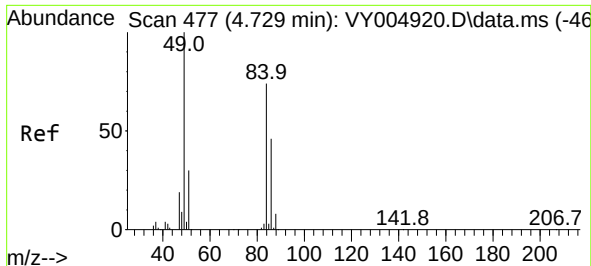
Tgt Ion: 56 Resp: 208
Ion Ratio Lower Upper
56 100
55 76.4 55.4 83.2



#16
Acetone
Concen: 13.39 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

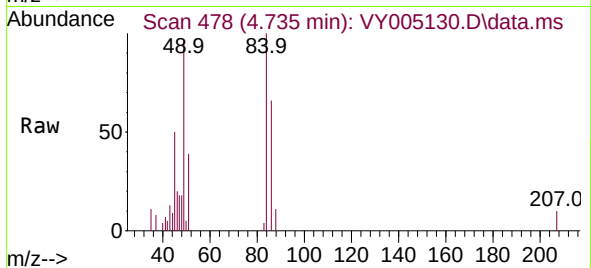
Tgt Ion: 43 Resp: 5141
Ion Ratio Lower Upper
43 100
58 25.9 25.3 37.9



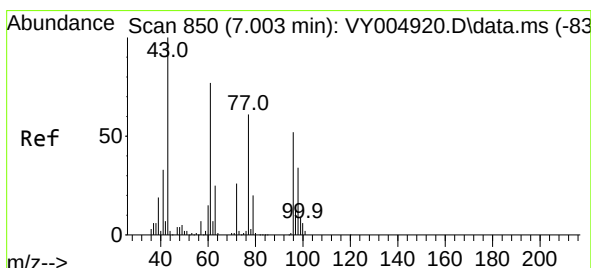
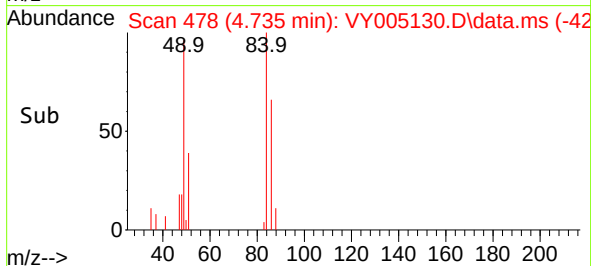
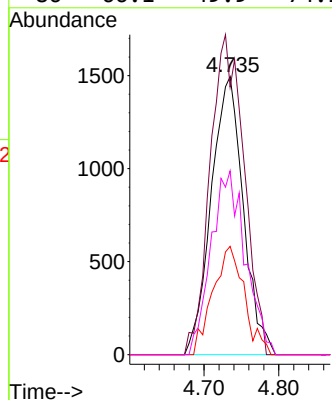


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Instrument :
MSVOA_Y
ClientSampleId :
17-B6(104-108)

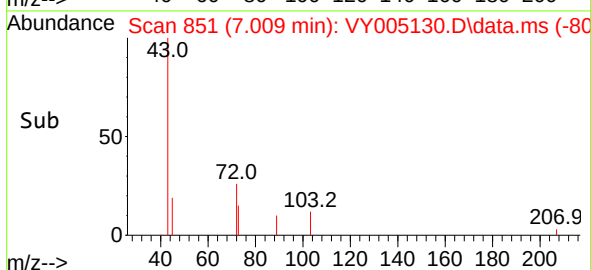
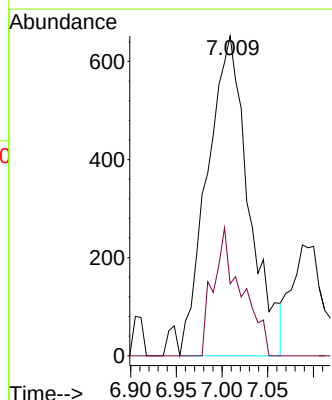
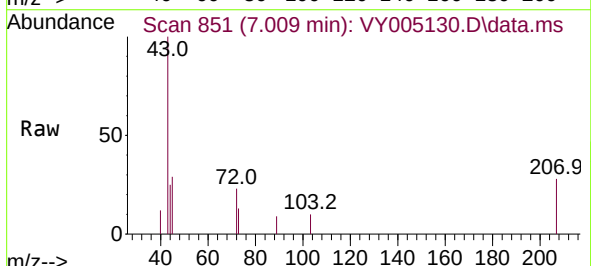


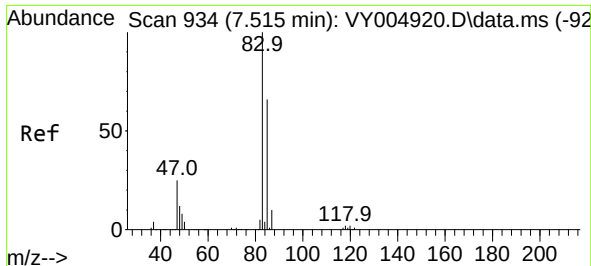
Tgt Ion: 84	Resp: 4454
Ion Ratio	Lower Upper
84	100
49	96.2 108.0 162.0#
51	38.9 32.6 48.8
86	66.1 49.9 74.9



#25
2-Butanone
Concen: 3.20 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion: 43	Resp: 2064
Ion Ratio	Lower Upper
43	100
72	22.5 20.6 31.0

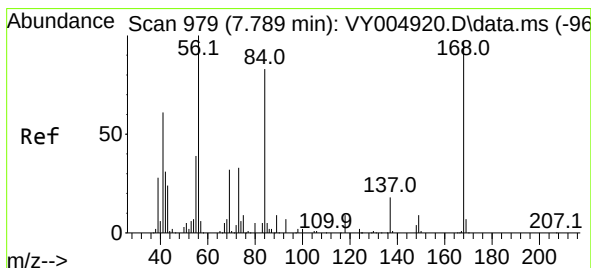
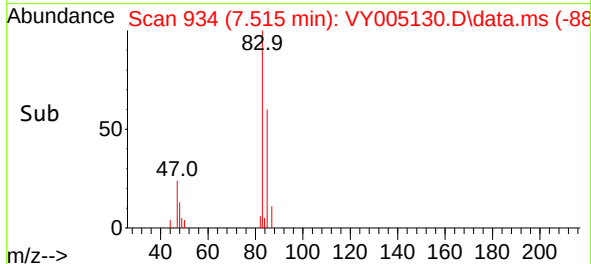
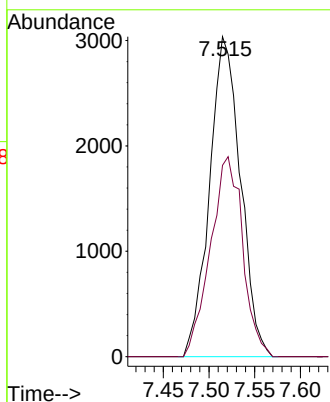
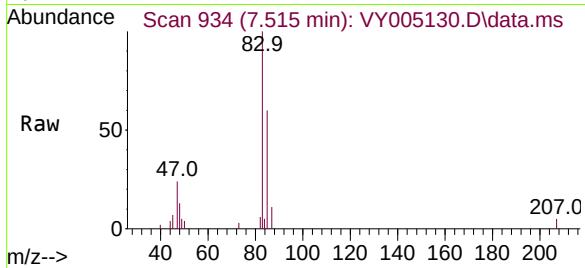




#30
Chloroform
Concen: 2.42 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

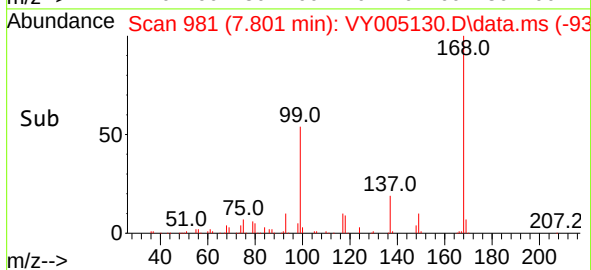
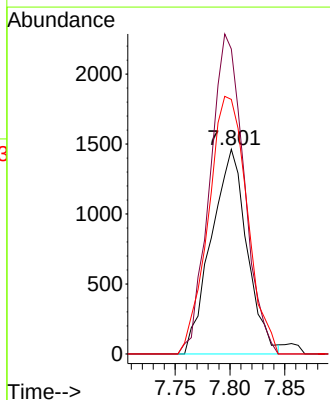
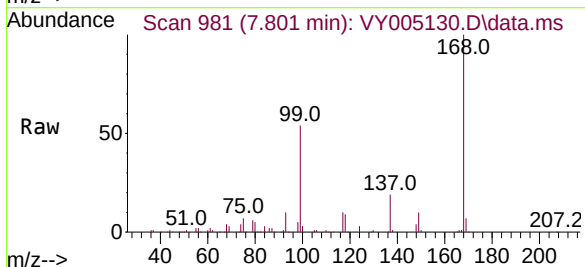
Instrument :
MSVOA_Y
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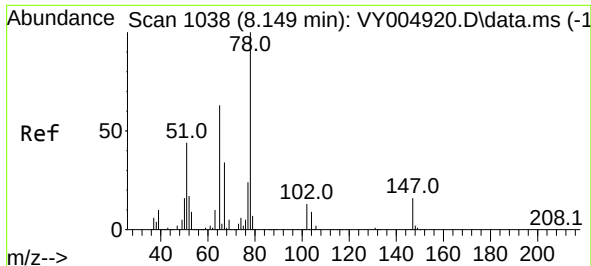
Tgt Ion: 83 Resp: 7159
Ion Ratio Lower Upper
83 100
85 59.8 52.6 78.8



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion: 56 Resp: 3315
Ion Ratio Lower Upper
56 100
69 149.0 25.3 37.9#
84 124.4 66.2 99.4#

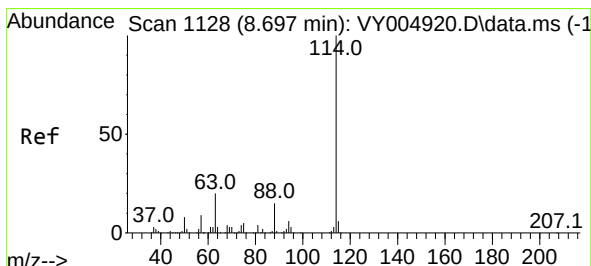
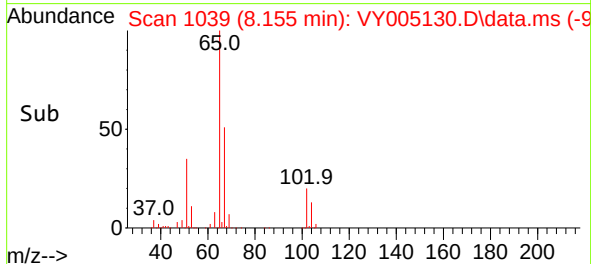
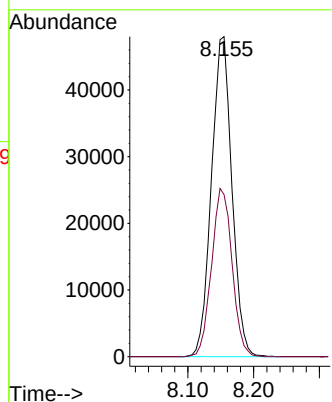
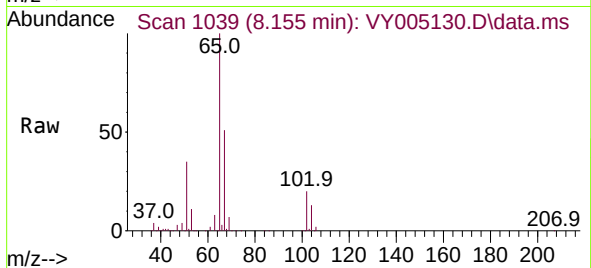




#33
1,2-Dichloroethane-d4
Concen: 65.12 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

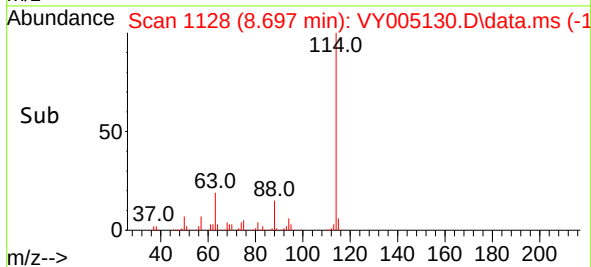
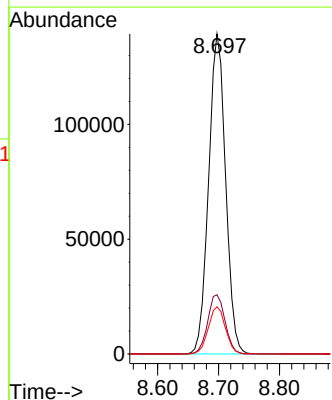
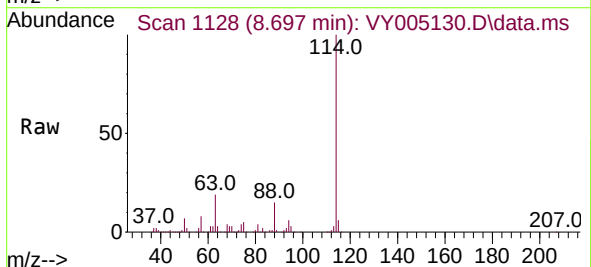
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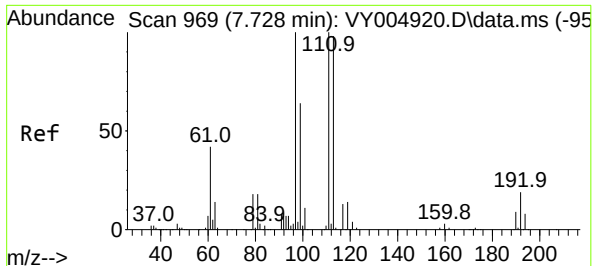
Tgt Ion: 65 Resp: 103863
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion:114 Resp: 269856
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.0
88 14.8 0.0 30.6

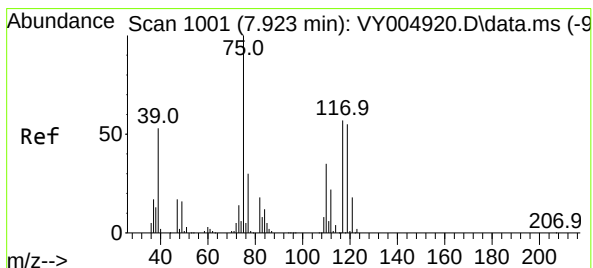
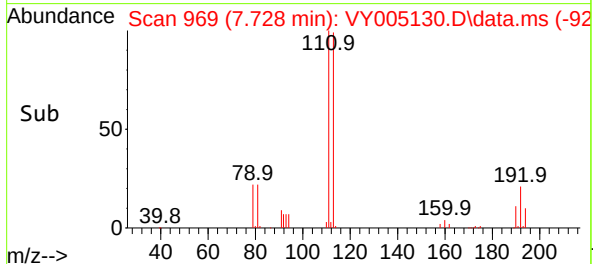
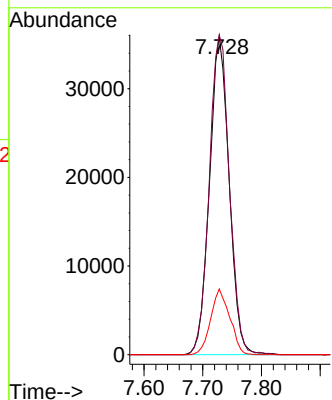
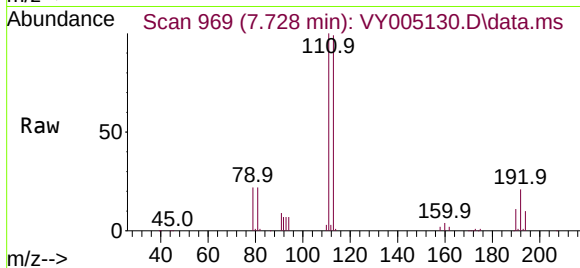




#35
Dibromofluoromethane
Concen: 57.39 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

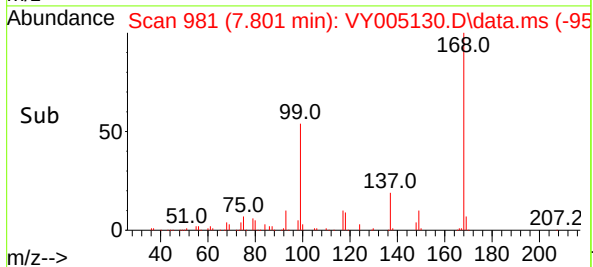
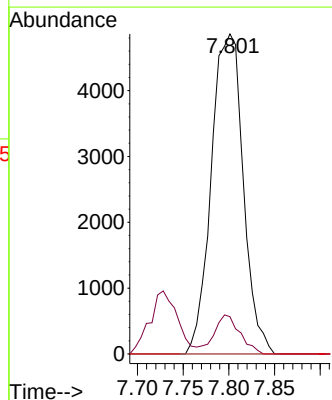
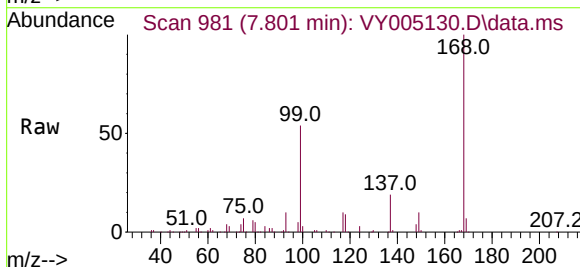
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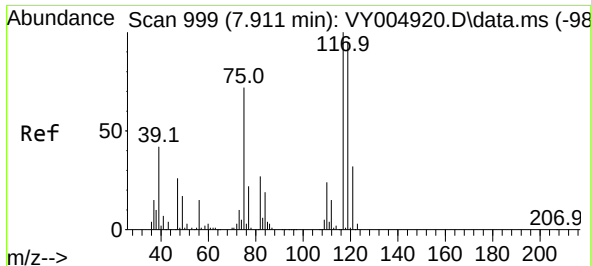
Tgt Ion:	113	Resp:	83324
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	20.1	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion:	75	Resp:	11823
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.5	52.5#
77	0.0	25.1	37.7#

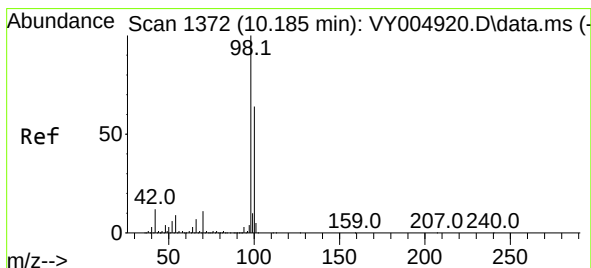
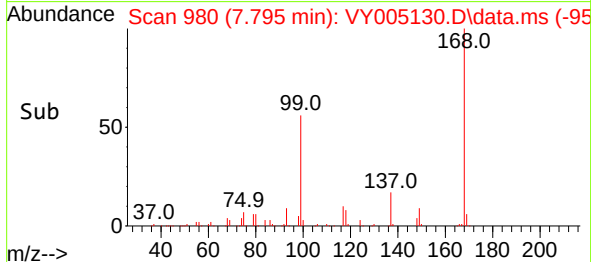
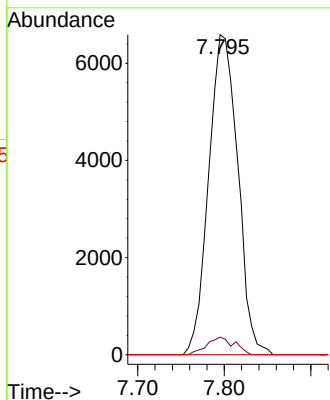
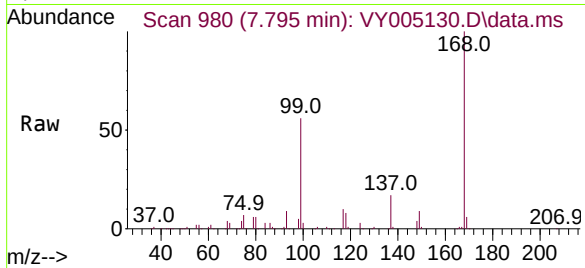




#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

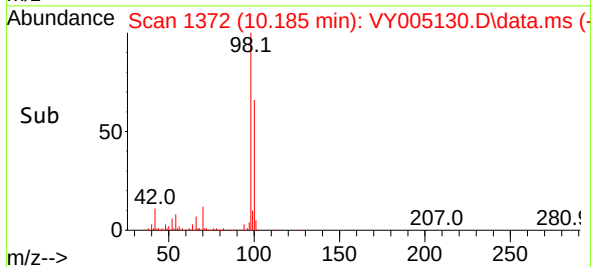
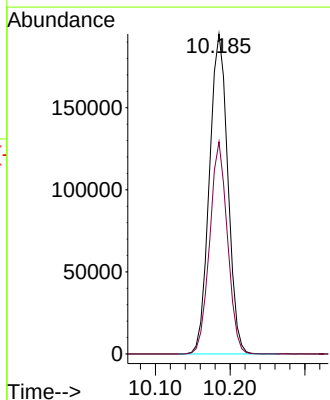
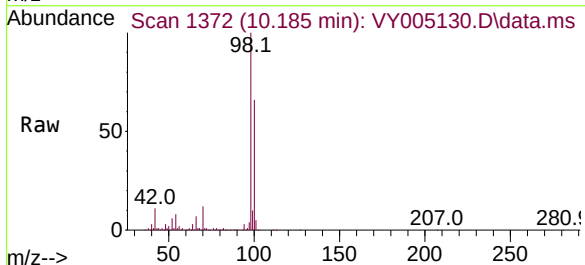
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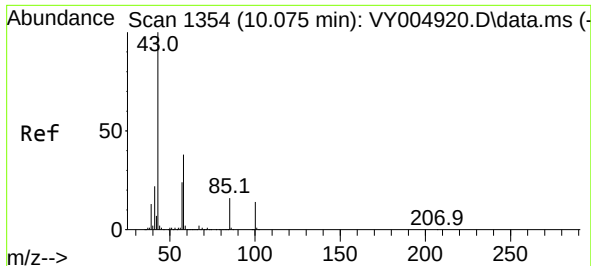
Tgt Ion:117 Resp: 15369
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.30 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion: 98 Resp: 333443
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

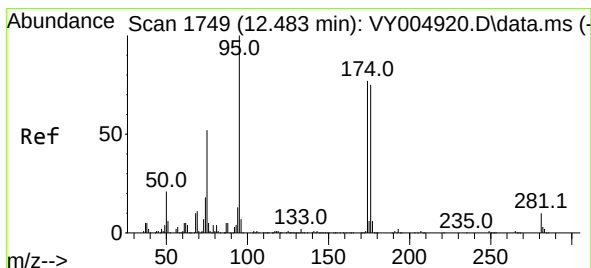
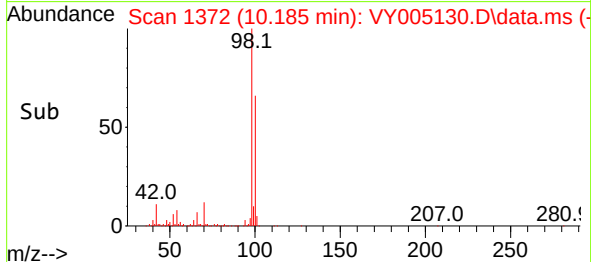
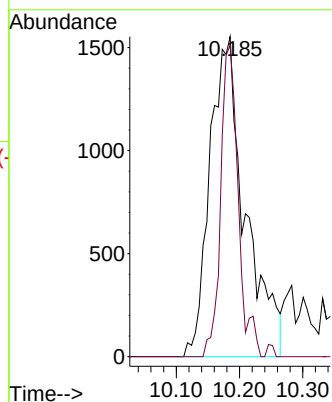
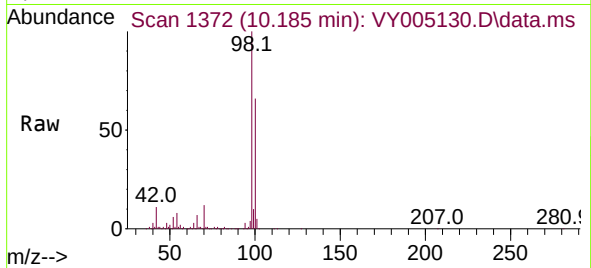




#51
4-Methyl-2-Pentanone
Concen: 3.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

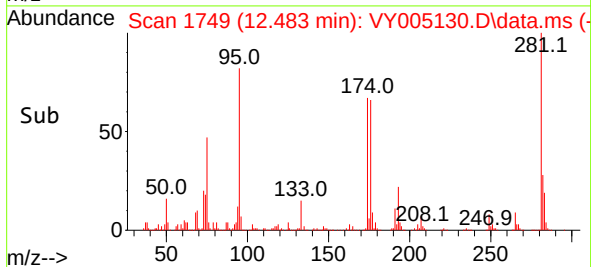
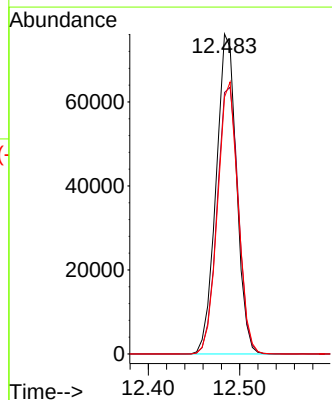
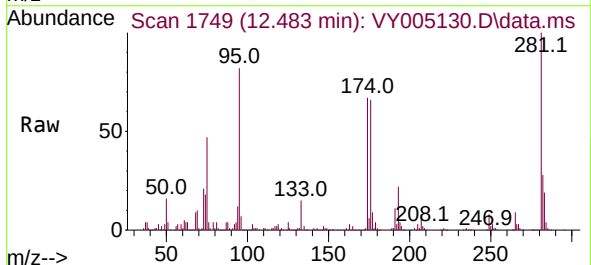
Instrument :
MSVOA_Y
ClientSampleId :
17-B6(104-108)

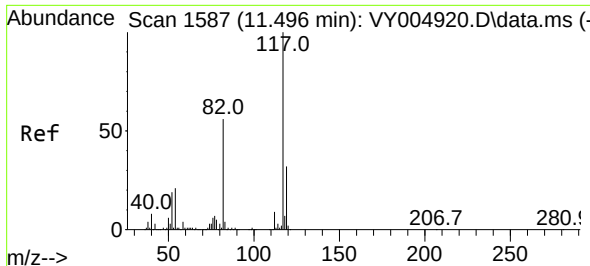
Tgt Ion: 43 Resp: 6015
Ion Ratio Lower Upper
43 100
58 48.1 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 57.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion: 95 Resp: 118248
Ion Ratio Lower Upper
95 100
174 86.8 0.0 160.8
176 85.6 0.0 155.6

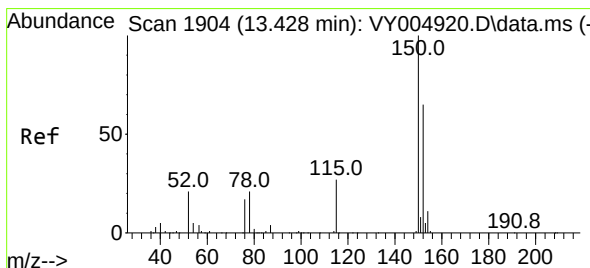
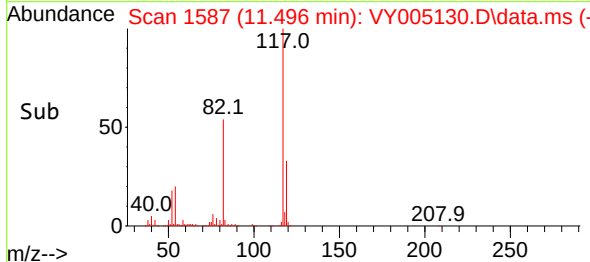
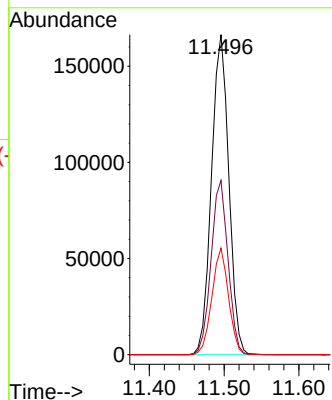
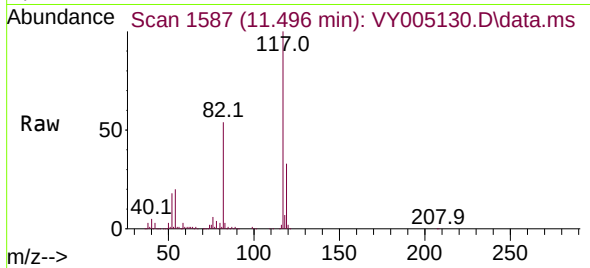




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

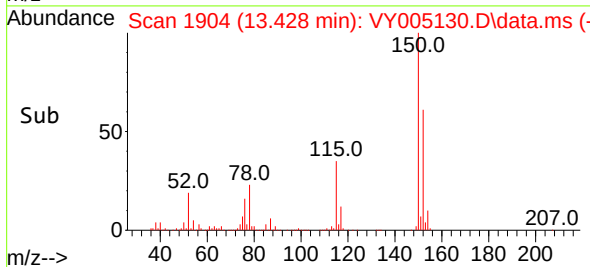
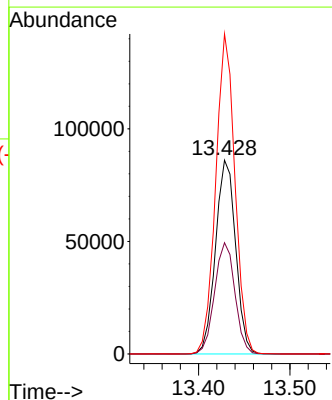
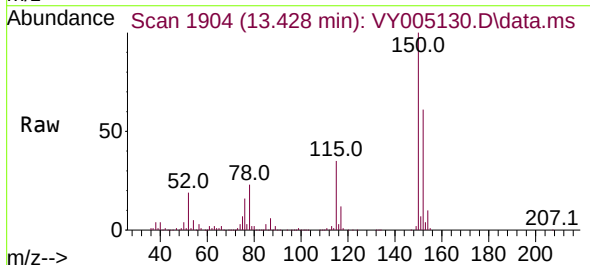
Instrument :
MSVOA_Y
ClientSampleId :
17-B6(104-108)

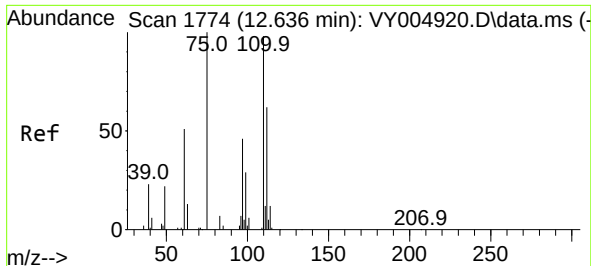
Tgt Ion:117 Resp: 267904
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 33.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion:152 Resp: 132067
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 157.6 0.0 347.8

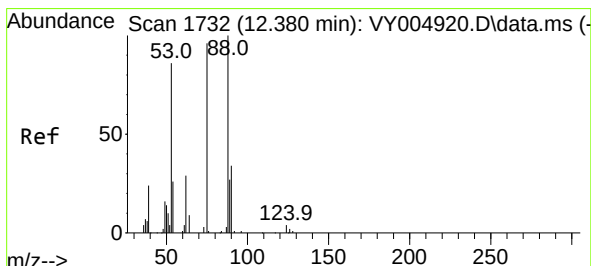
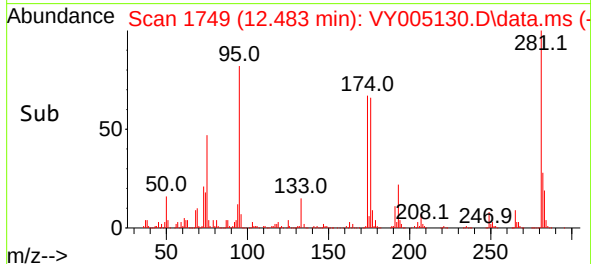
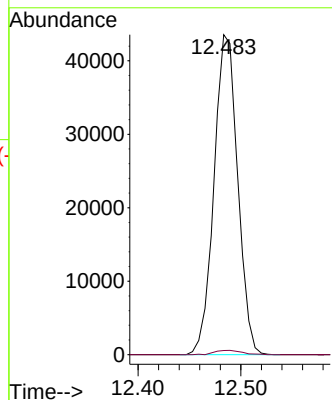
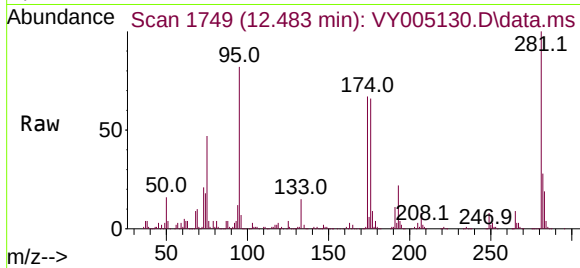




#76
1,2,3-Trichloropropane
Concen: 48.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Instrument :
MSVOA_Y
ClientSampleId :
17-B6(104-108)

Tgt Ion: 75 Resp: 69638
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005130.D
Acq: 11 Jun 2021 17:26

Tgt Ion: 75 Resp: 69638
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.6 35.0 52.6#

