

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004970.D
 Acq On : 04 Jun 2021 17:27
 Operator : SY/MD
 Sample : M2613-09
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(118-122)

Quant Time: Jun 05 01:35:16 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)

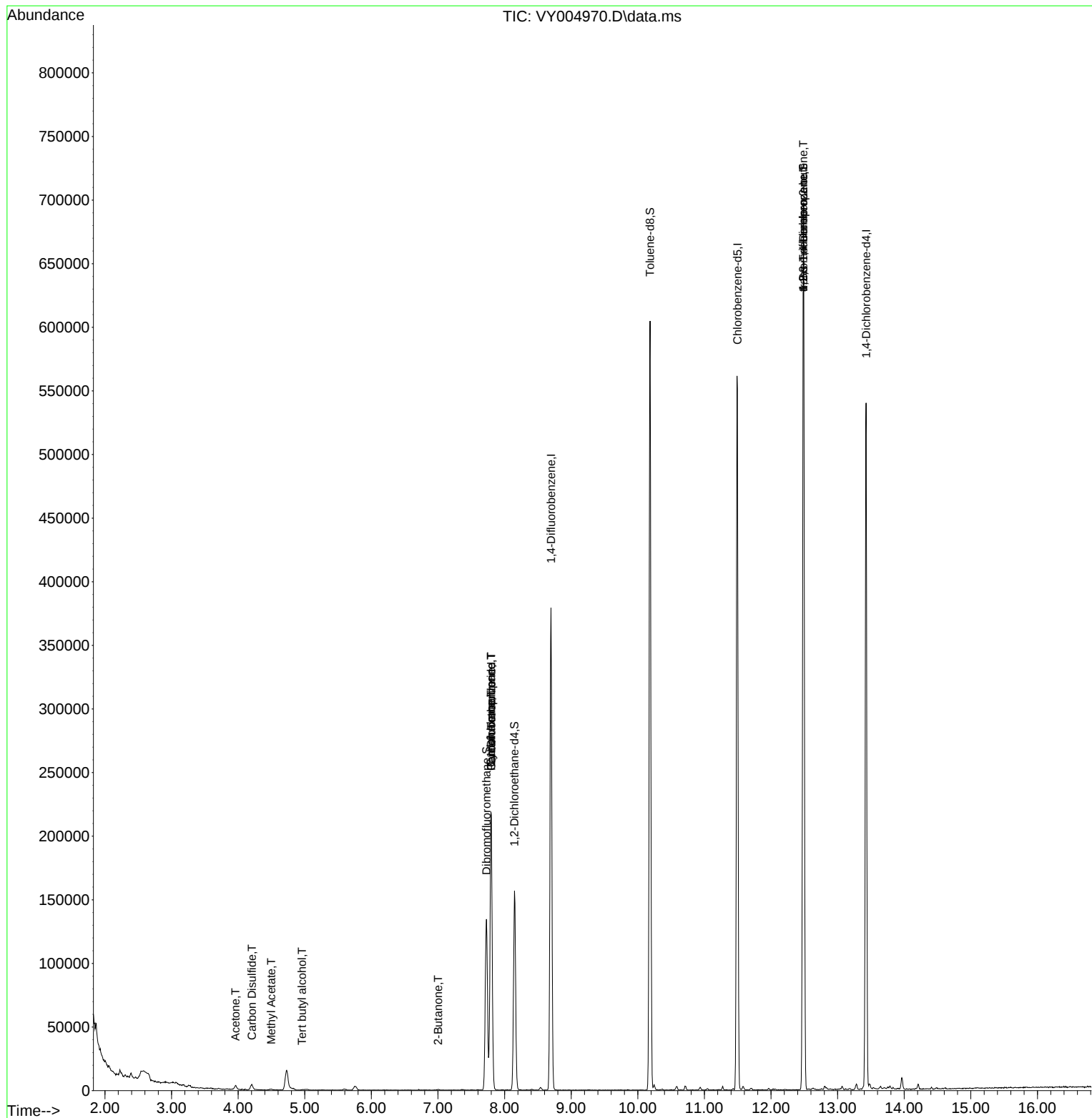
Internal Standards						
1) Pentafluorobenzene	7.801	168	166034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	298964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	116243	66.225	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.460%			
35) Dibromofluoromethane	7.728	113	96872	58.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.400%			
50) Toluene-d8	10.185	98	384430	55.613	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.220%			
62) 4-Bromofluorobenzene	12.483	95	131866	55.468	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.940%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	759	3.760	ug/l #	74
13) Acrolein	3.735	56	159	Below Cal	#	1
16) Acetone	3.960	43	5203	12.314	ug/l	93
17) Carbon Disulfide	4.204	76	7448	1.419	ug/l #	93
18) Methyl Acetate	4.497	43	1407	1.039	ug/l #	69
20) Methylene Chloride	4.728	84	11333	Below Cal		94
25) 2-Butanone	7.002	43	841	1.184	ug/l #	49
31) Cyclohexane	7.795	56	4013	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13761	4.545	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16557	6.284	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73954	52.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73954	95.950	ug/l #	16

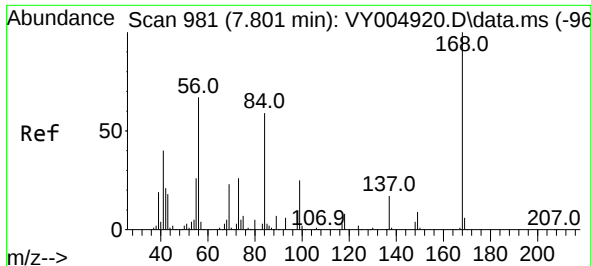
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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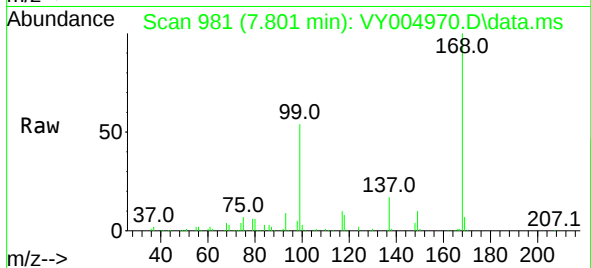
Quant Time: Jun 05 01:35:16 2021
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Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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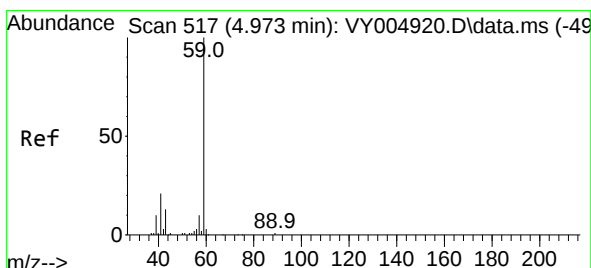
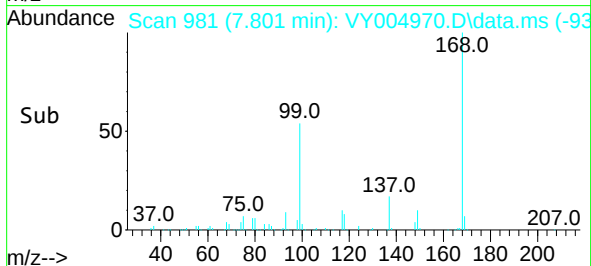
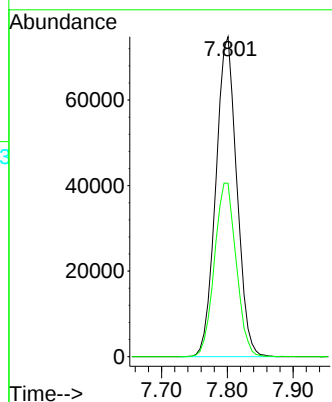


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(118-122)

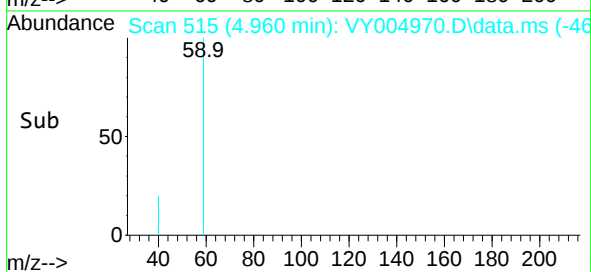
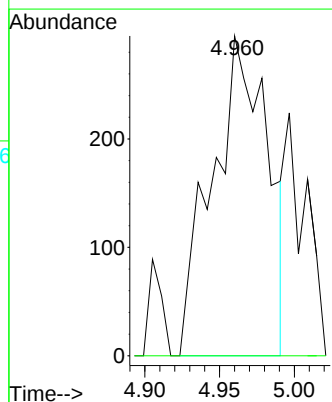
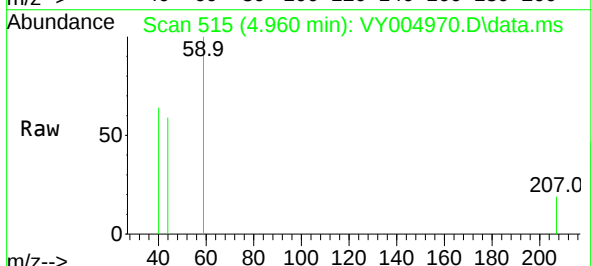


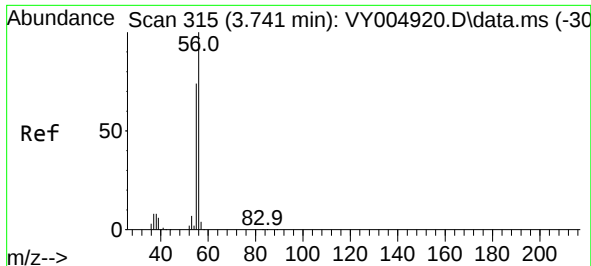
Tgt Ion:168 Resp: 166034
Ion Ratio Lower Upper
168 100
99 54.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.760 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Tgt Ion: 59 Resp: 759
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

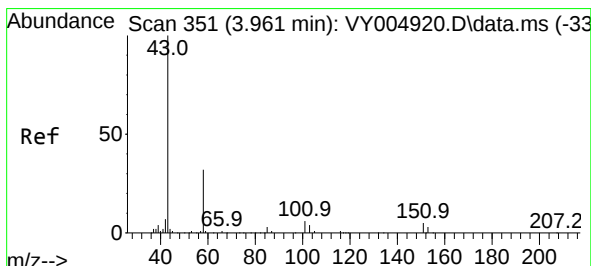
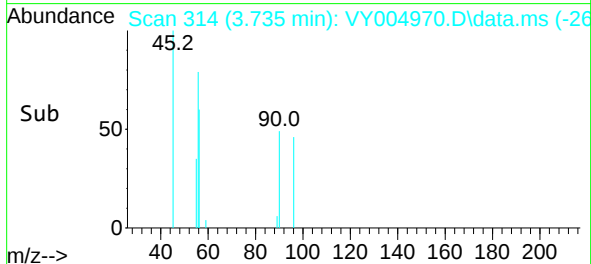
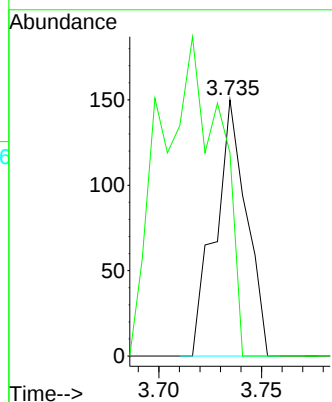
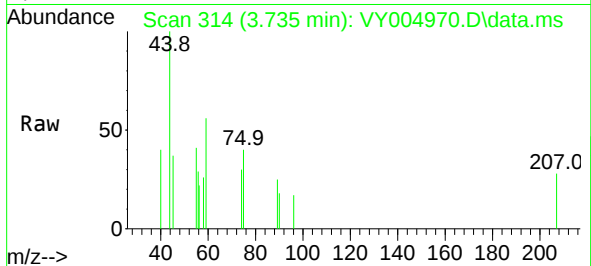




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

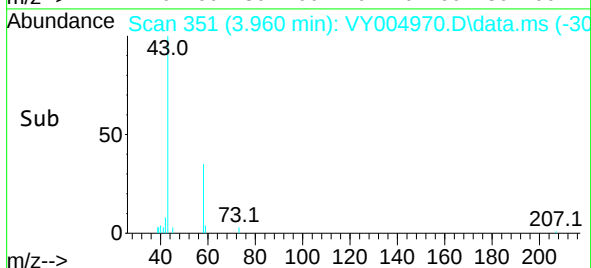
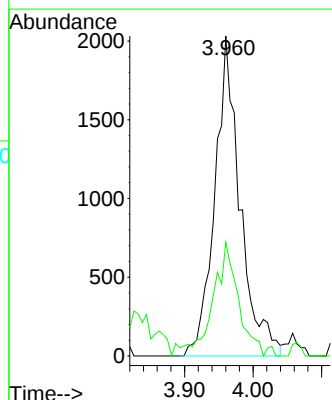
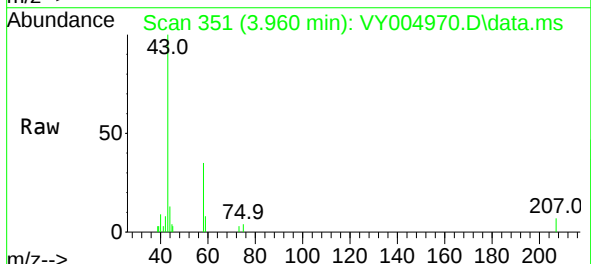
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(118-122)

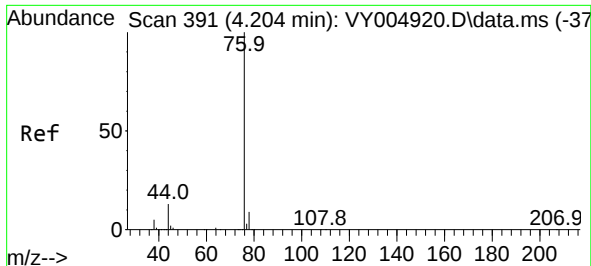
Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 238.4 55.4 83.2#



#16
Acetone
Concen: 12.314 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

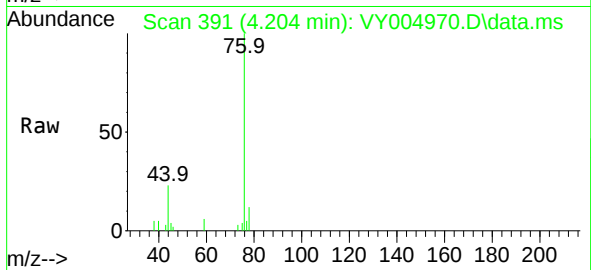
Tgt Ion: 43 Resp: 5203
Ion Ratio Lower Upper
43 100
58 35.5 25.3 37.9



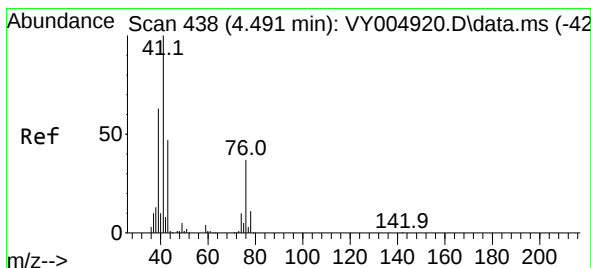
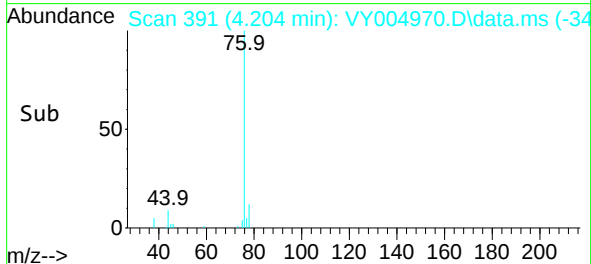
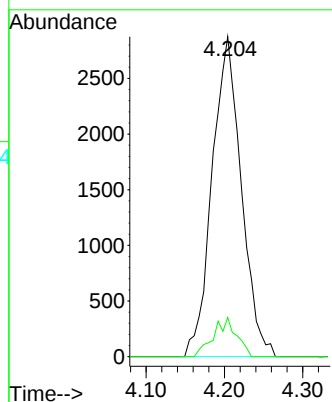


#17
Carbon Disulfide
Concen: 1.419 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(118-122)

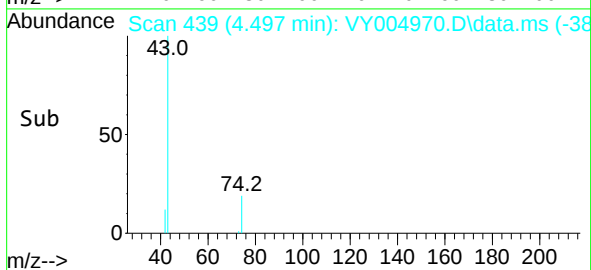
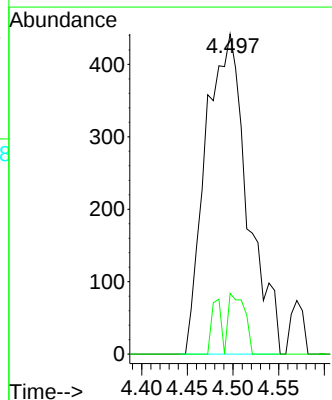
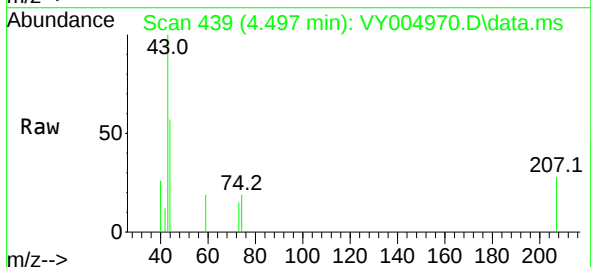


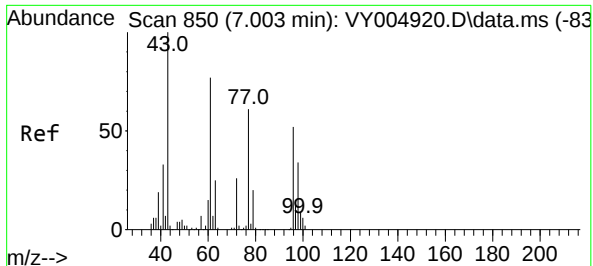
Tgt Ion: 76 Resp: 7448
Ion Ratio Lower Upper
76 100
78 12.2 7.6 11.4#



#18
Methyl Acetate
Concen: 1.039 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
74 7.5 18.0 27.0#

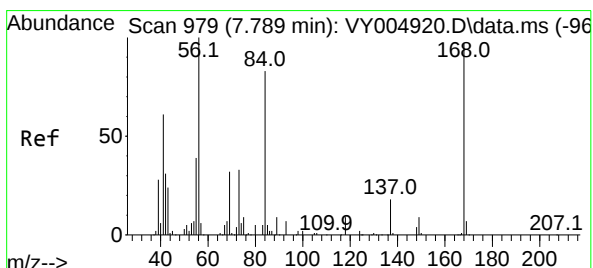
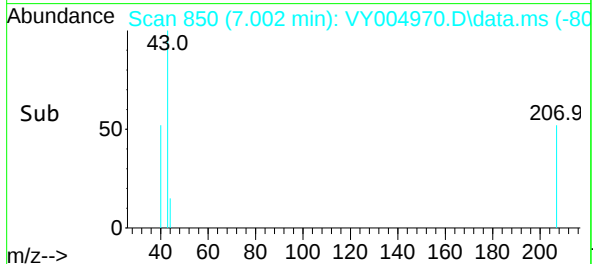
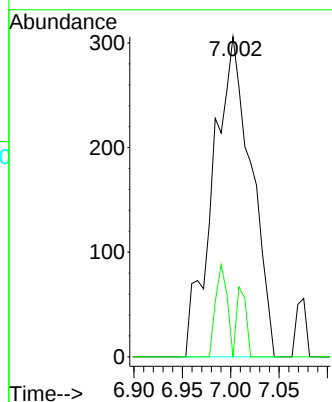
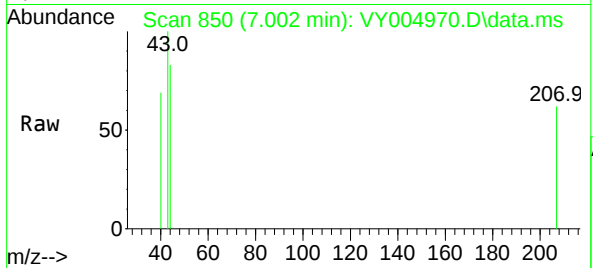




#25
2-Butanone
Concen: 1.184 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

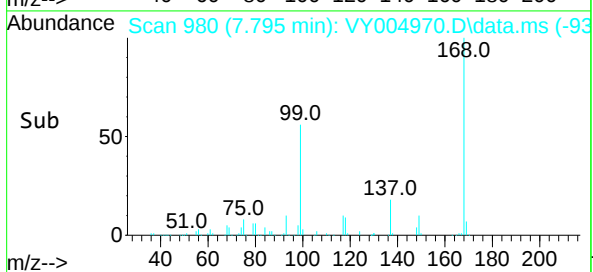
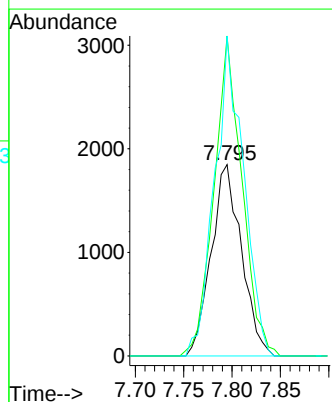
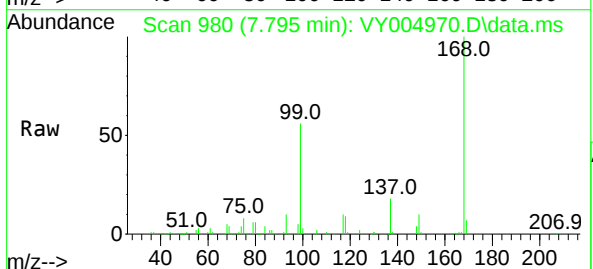
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(118-122)

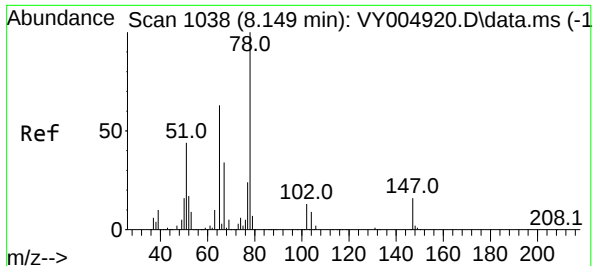
Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Tgt Ion: 56 Resp: 4013
Ion Ratio Lower Upper
56 100
69 167.2 25.3 37.9#
84 167.2 66.2 99.4#

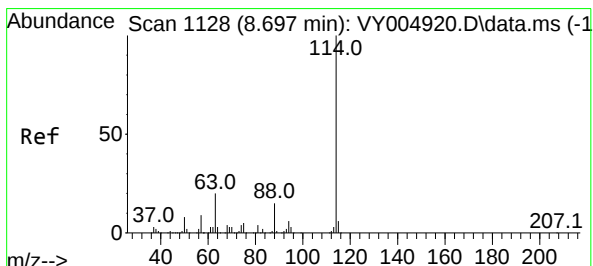
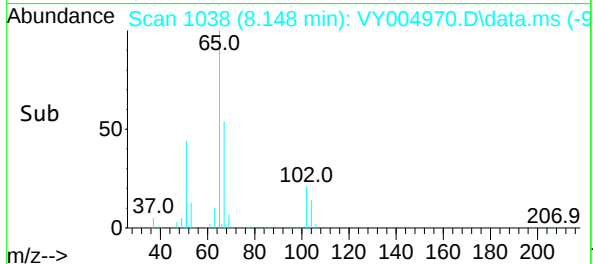
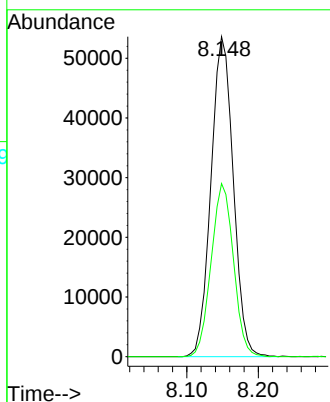
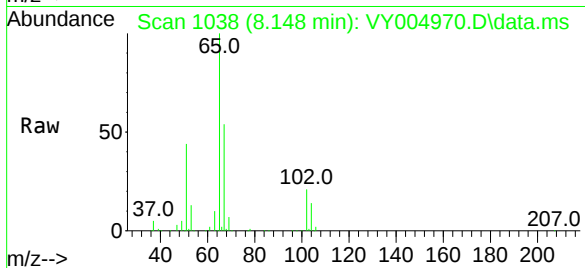




#33
1,2-Dichloroethane-d4
Concen: 66.225 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

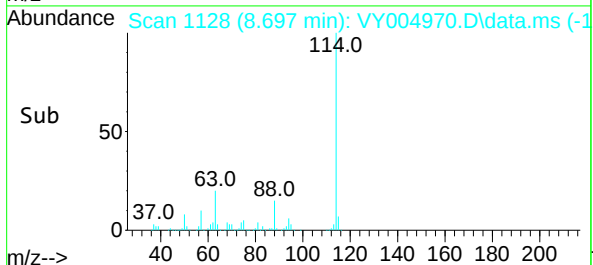
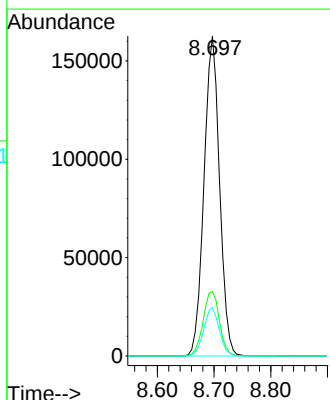
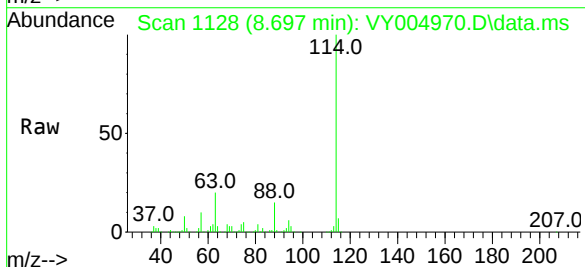
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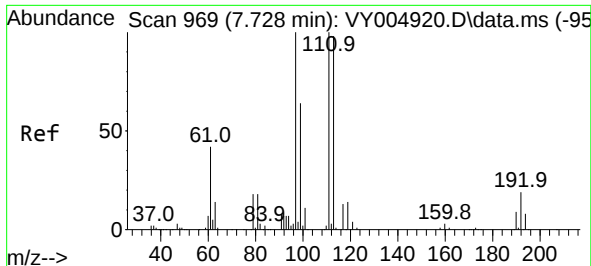
Tgt Ion: 65 Resp: 116243
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

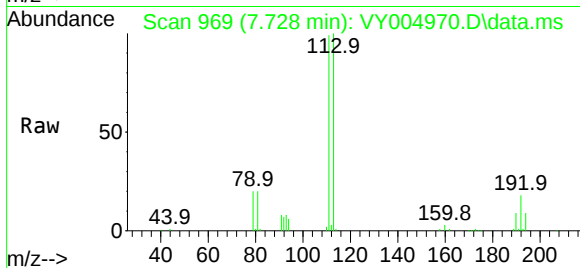
Tgt Ion:114 Resp: 309366
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.0
88 15.1 0.0 30.6



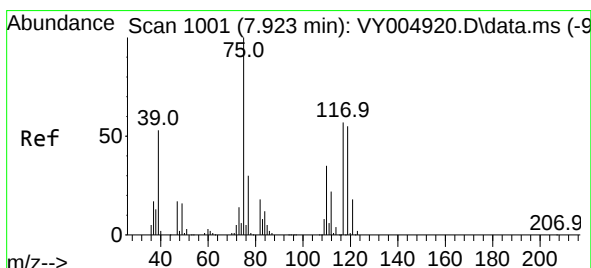
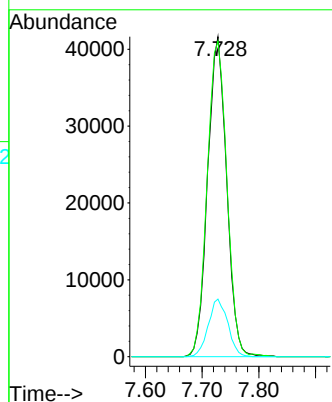
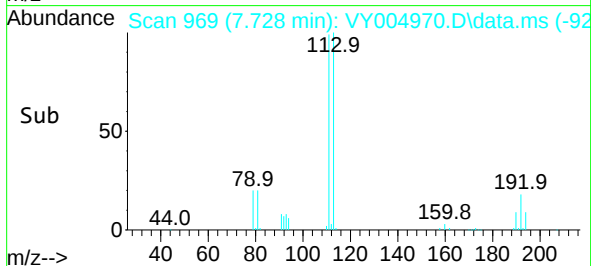


#35
Dibromofluoromethane
Concen: 58.201 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

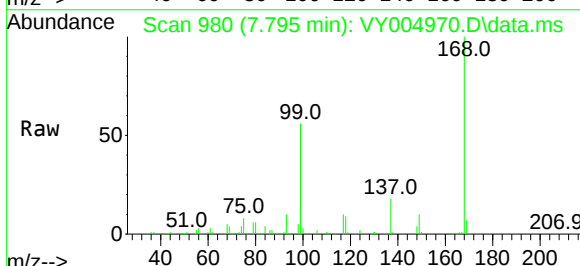
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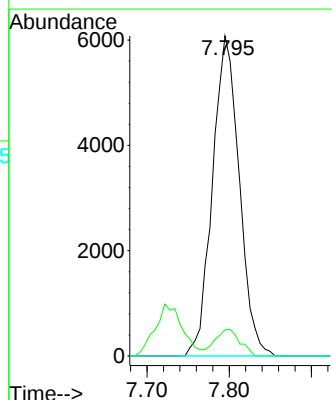
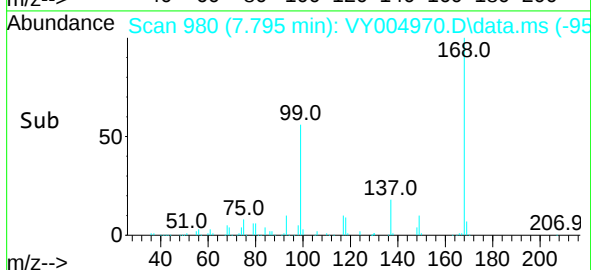
Tgt Ion:113 Resp: 96872
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 18.5 15.3 22.9

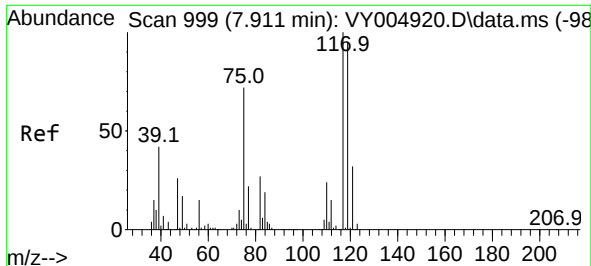


#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27



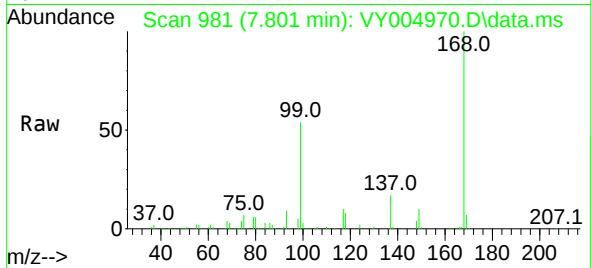
Tgt Ion: 75 Resp: 13761
Ion Ratio Lower Upper
75 100
110 8.0 17.5 52.5#
77 0.0 25.1 37.7#



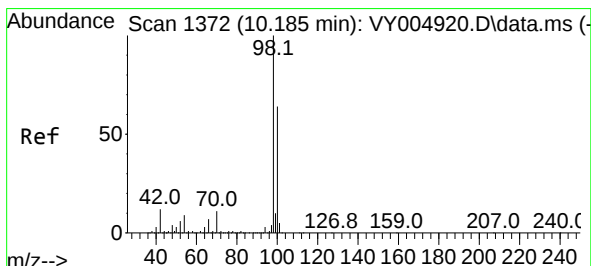
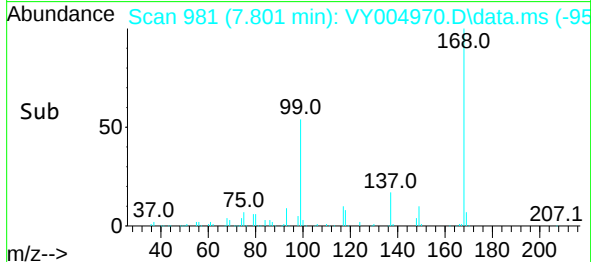
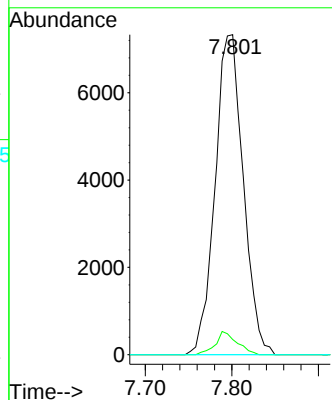


#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(118-122)

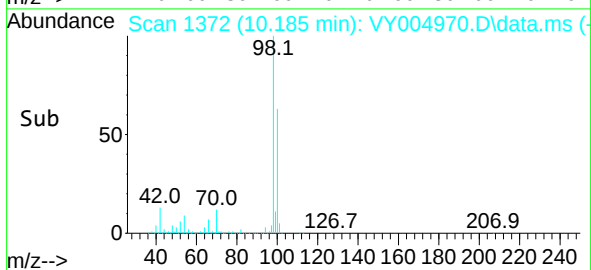
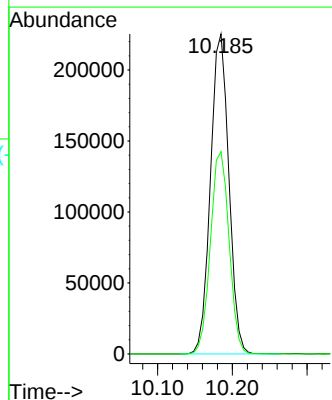
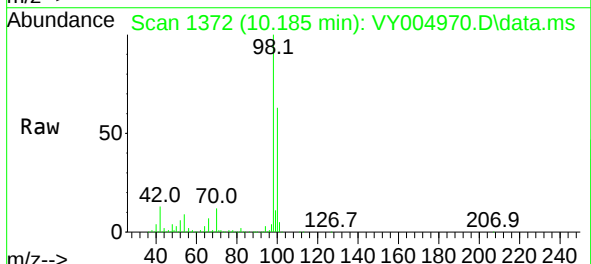


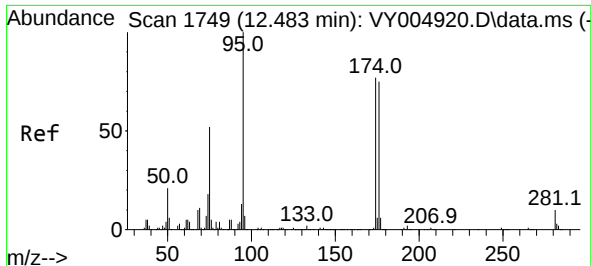
Tgt Ion: 117 Resp: 16557
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.613 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Tgt Ion: 98 Resp: 384430
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

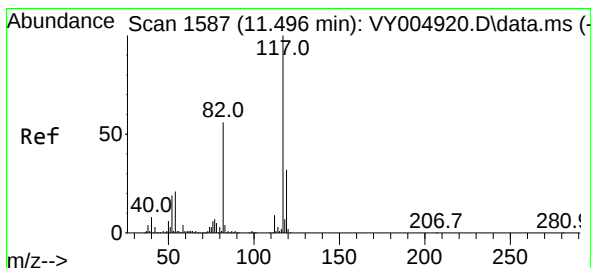
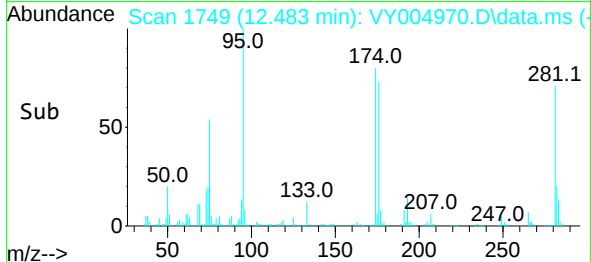
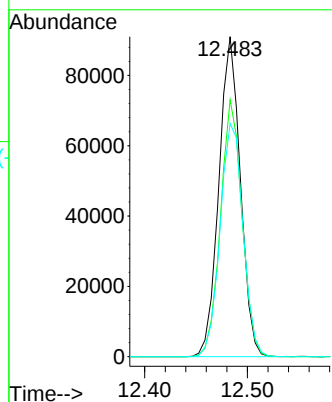
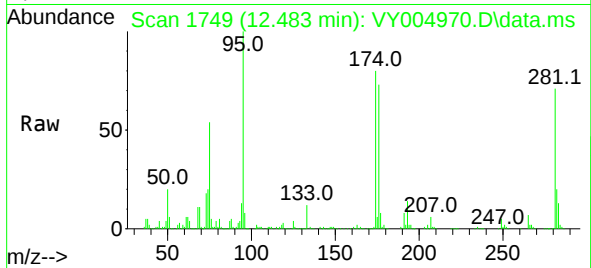




#62
4-Bromofluorobenzene
Concen: 55.468 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

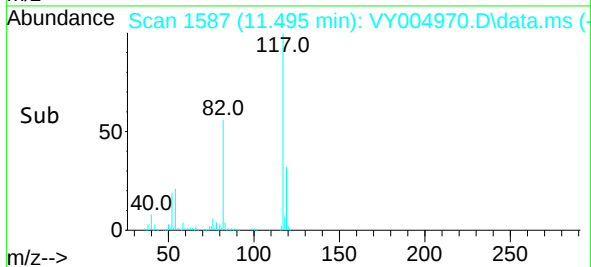
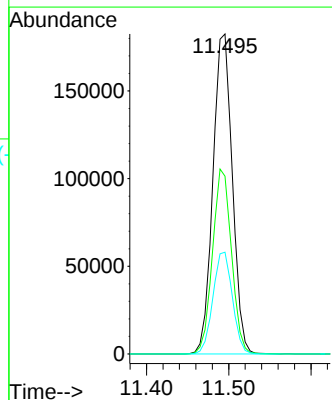
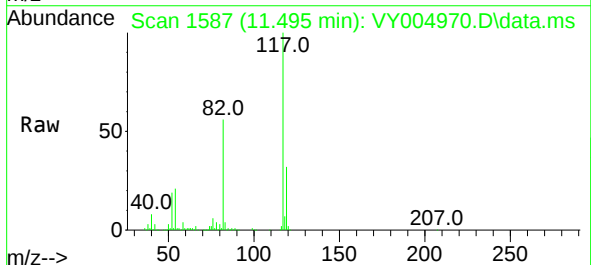
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(118-122)

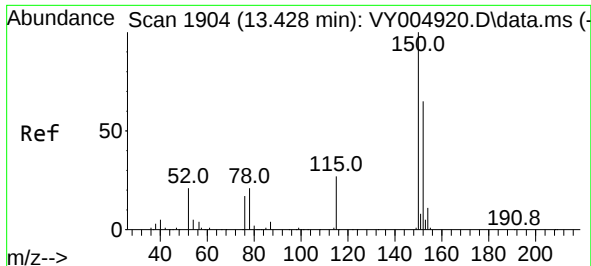
Tgt Ion: 95 Resp: 131866
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.8
176 77.7 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

Tgt Ion: 117 Resp: 298964
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 31.8 25.2 37.8

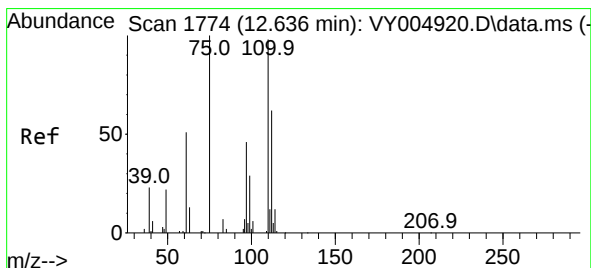
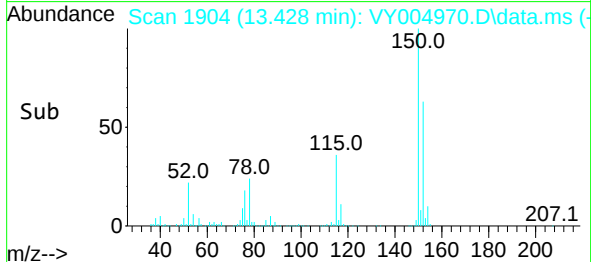
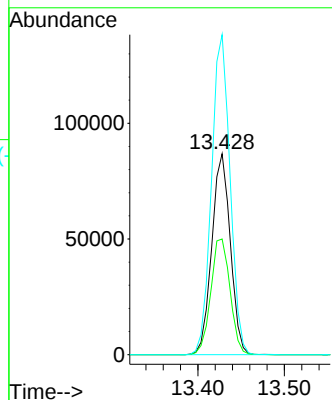
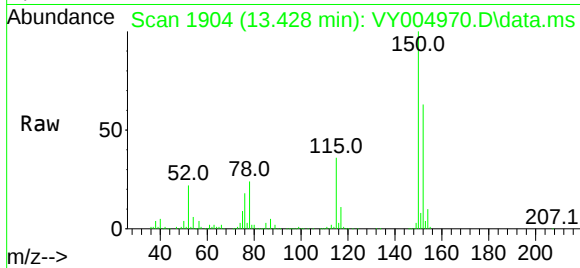




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

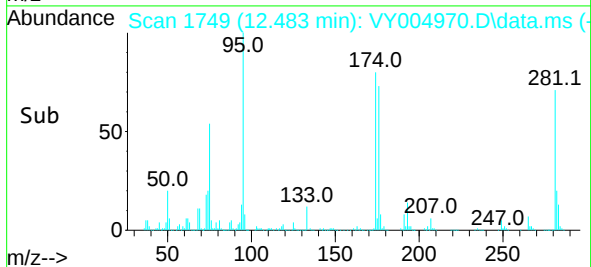
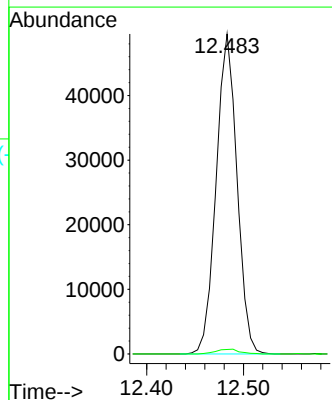
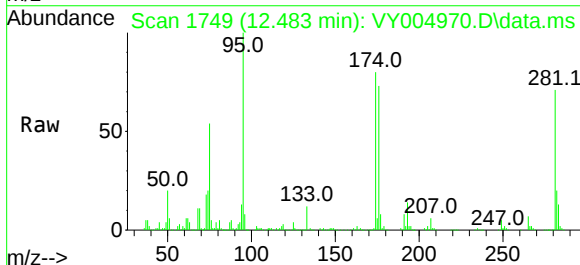
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(118-122)

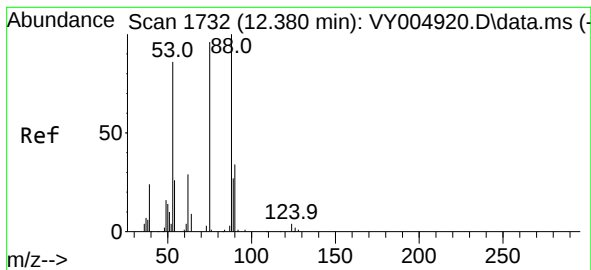
Tgt Ion:152 Resp: 129218
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 159.1 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 52.210 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004970.D
Acq: 04 Jun 2021 17:27

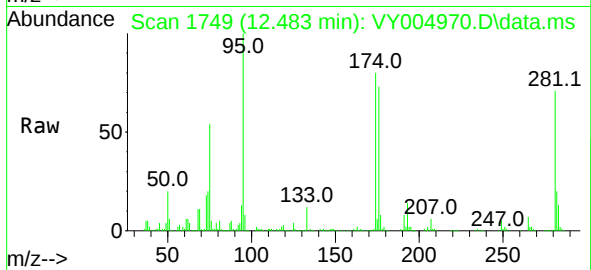
Tgt Ion: 75 Resp: 73954
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.950 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004970.D
 Acq: 04 Jun 2021 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(118-122)



Tgt Ion: 75 Resp: 73954
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 1.7 35.0 52.6#

