

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004962.D
 Acq On : 04 Jun 2021 14:21
 Operator : SY/MD
 Sample : M2613-01
 Misc : 7.82G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(86-90)

Quant Time: Jun 05 01:33:20 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)

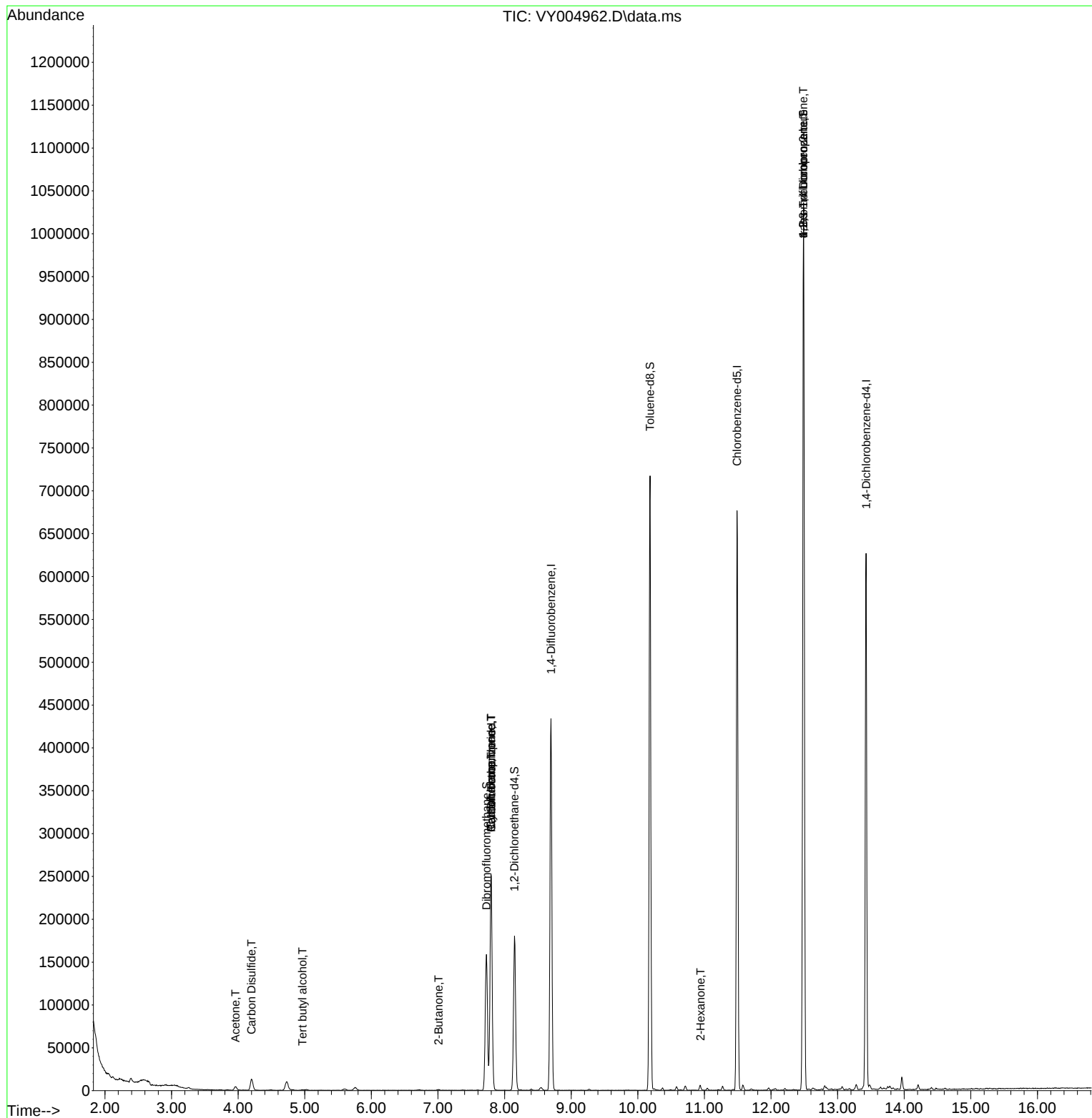
Internal Standards						
1) Pentafluorobenzene	7.801	168	190318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136350	67.768	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.540%			
35) Dibromofluoromethane	7.728	113	114176	58.954	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.900%			
50) Toluene-d8	10.185	98	455145	56.586	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.180%			
62) 4-Bromofluorobenzene	12.483	95	157923	57.089	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.180%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	895	3.868	ug/l #	80
13) Acrolein	3.753	56	199	Below Cal	#	43
16) Acetone	3.960	43	7411	15.301	ug/l	90
17) Carbon Disulfide	4.198	76	25874	4.302	ug/l	99
20) Methylene Chloride	4.722	84	7112	Below Cal		98
25) 2-Butanone	7.009	43	1544	1.896	ug/l	100
31) Cyclohexane	7.795	56	4186	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15691	4.454	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19071	6.220	ug/l #	17
59) 2-Hexanone	10.941	43	2070	1.404	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	90720	54.211	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	90720	99.628	ug/l #	16

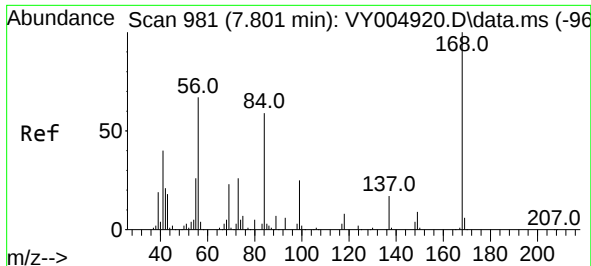
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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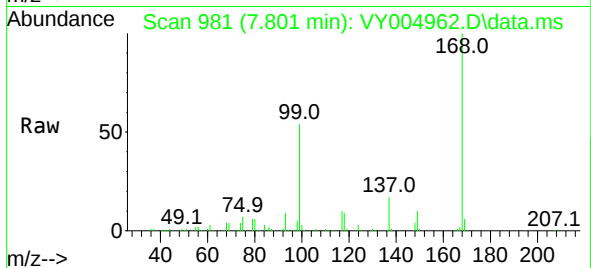
Quant Time: Jun 05 01:33:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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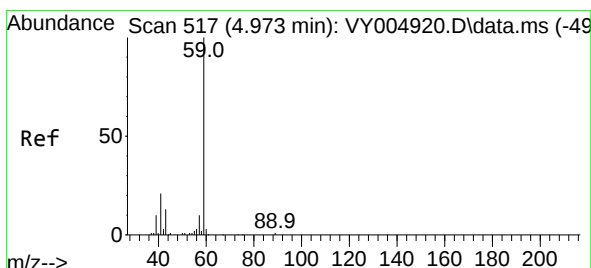
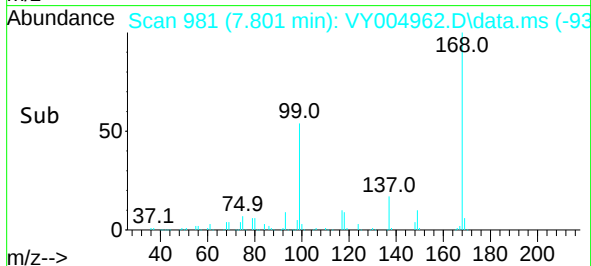
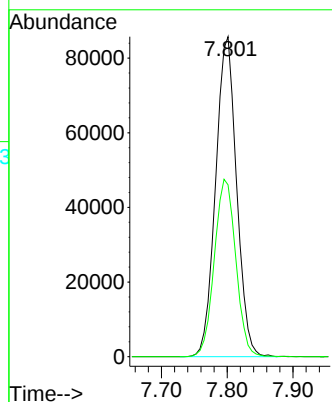


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

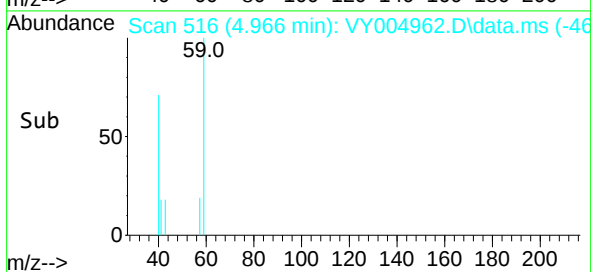
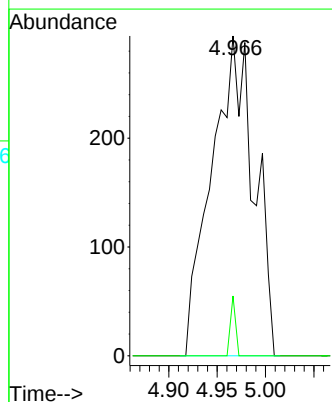
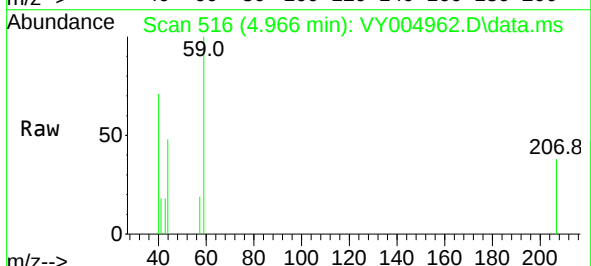


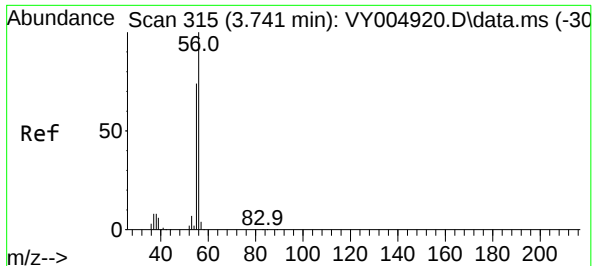
Tgt Ion:168 Resp: 190318
Ion Ratio Lower Upper
168 100
99 53.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.868 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion: 59 Resp: 895
Ion Ratio Lower Upper
59 100
57 2.2 7.7 11.5#

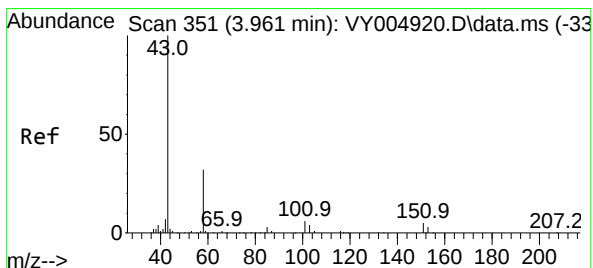
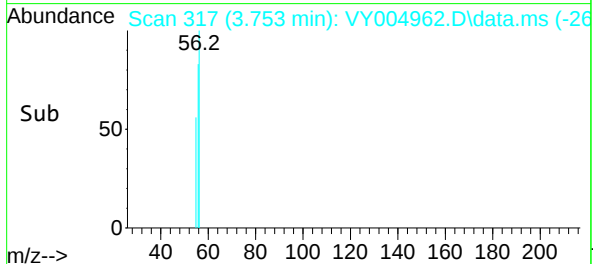
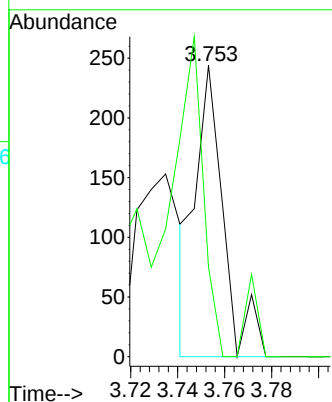
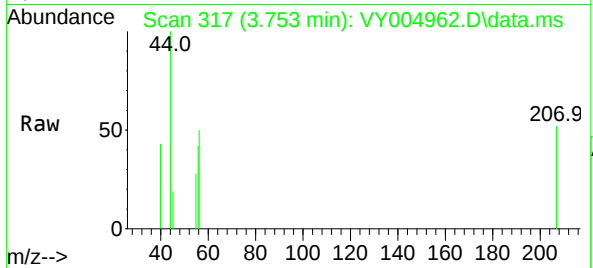




#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

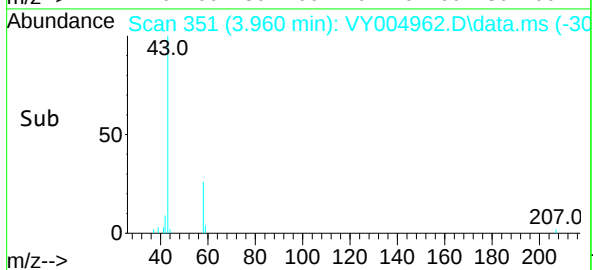
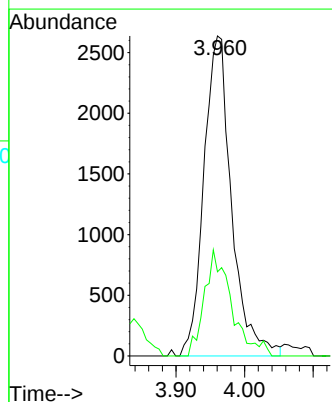
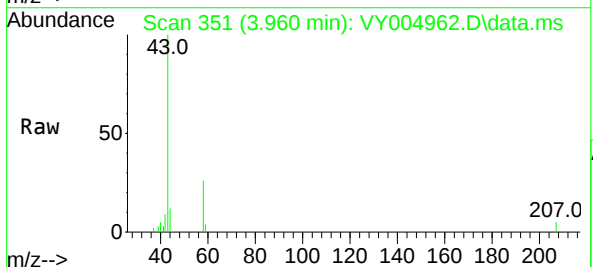
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

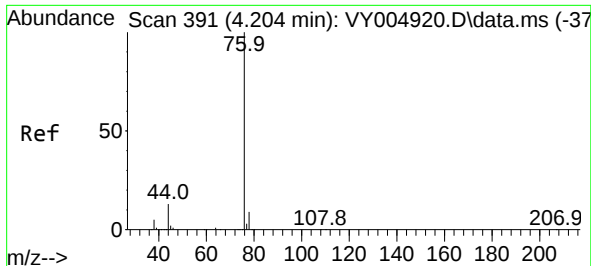
Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 116.1 55.4 83.2#



#16
Acetone
Concen: 15.301 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

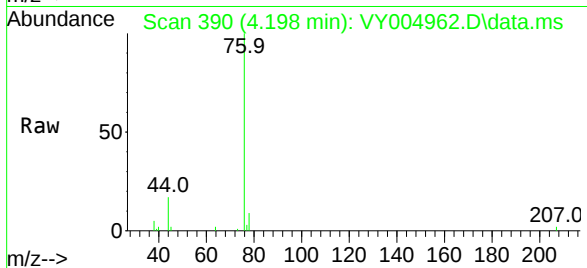
Tgt Ion: 43 Resp: 7411
Ion Ratio Lower Upper
43 100
58 26.3 25.3 37.9



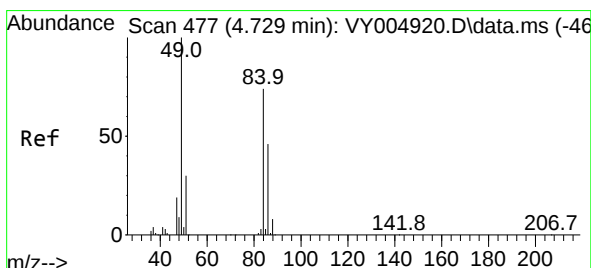
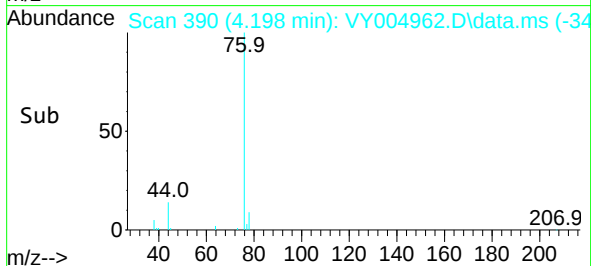
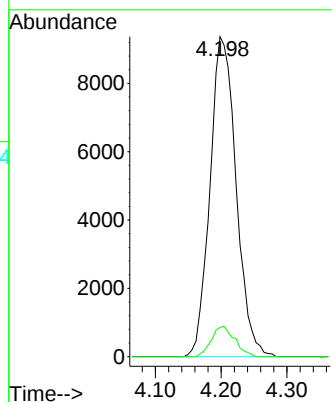


#17
Carbon Disulfide
Concen: 4.302 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

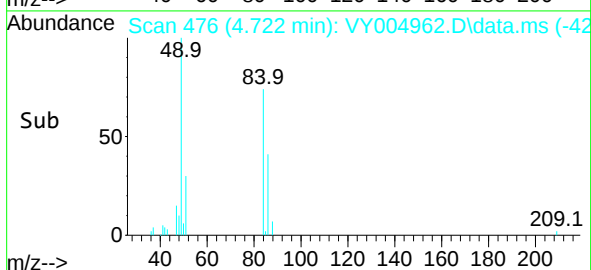
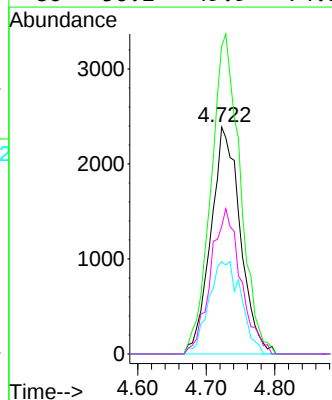
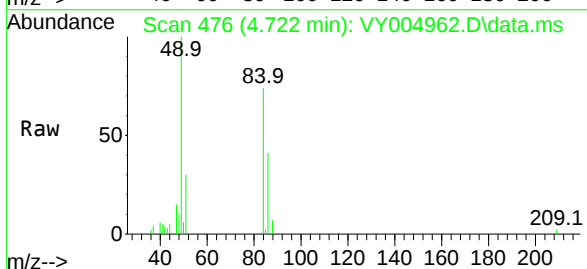


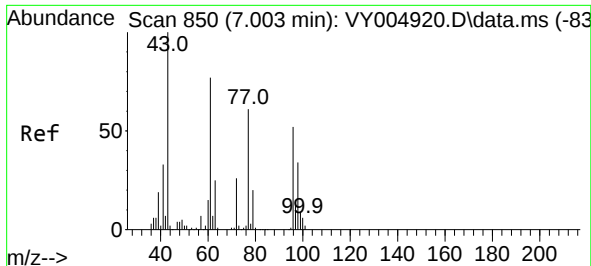
Tgt Ion: 76 Resp: 25874
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion: 84 Resp: 7112
Ion Ratio Lower Upper
84 100
49 135.6 108.0 162.0
51 40.7 32.6 48.8
86 56.2 49.9 74.9

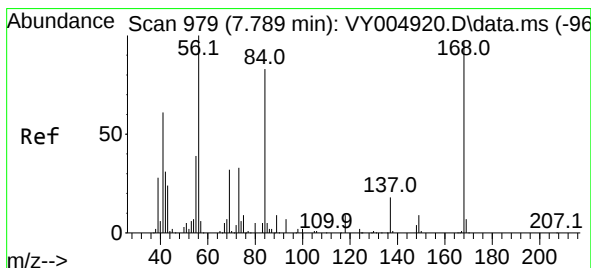
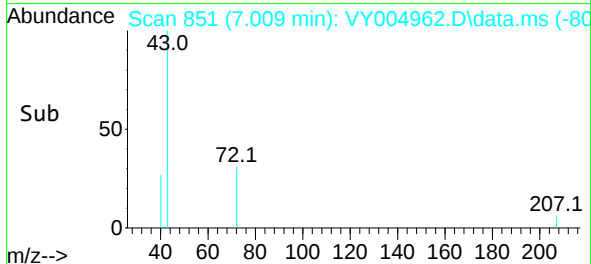
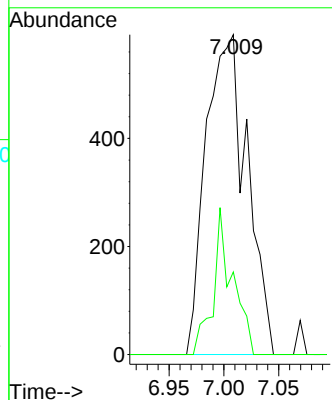
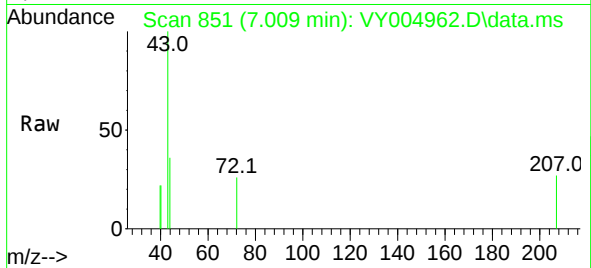




#25
2-Butanone
Concen: 1.896 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

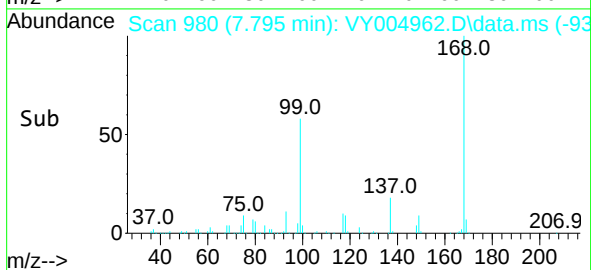
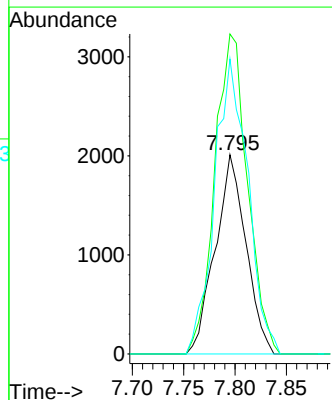
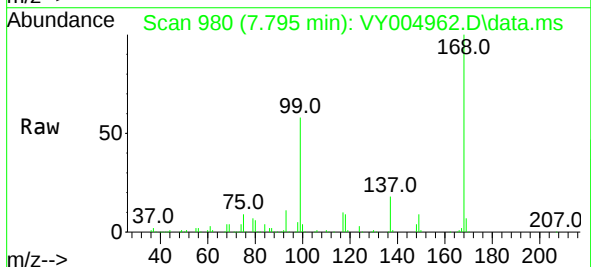
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

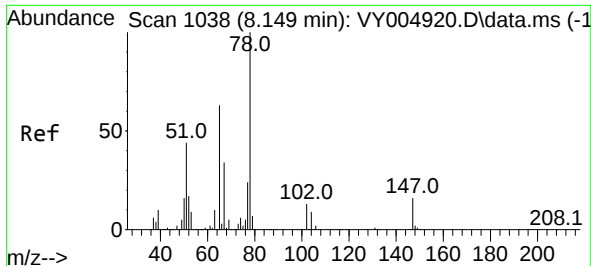
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion: 56 Resp: 4186
Ion Ratio Lower Upper
56 100
69 160.6 25.3 37.9#
84 148.1 66.2 99.4#

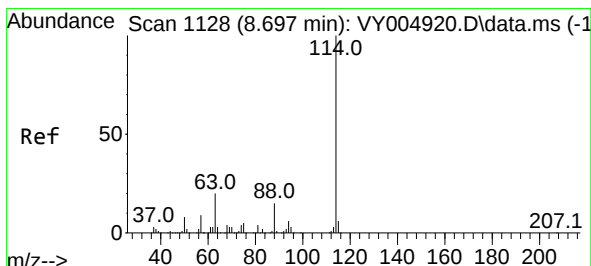
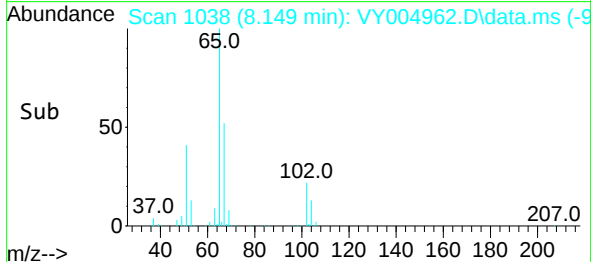
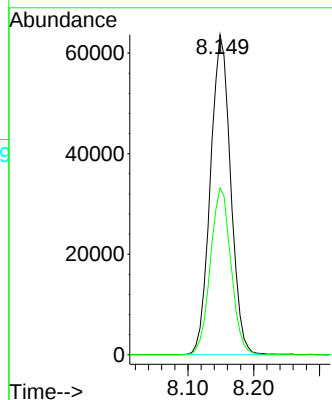
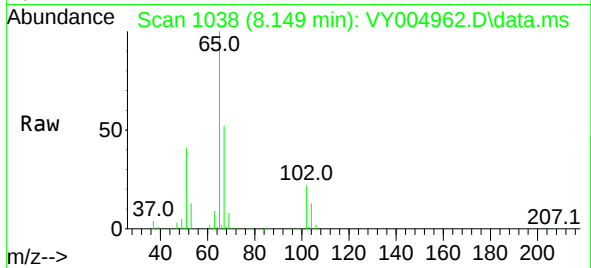




#33
1,2-Dichloroethane-d4
Concen: 67.768 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

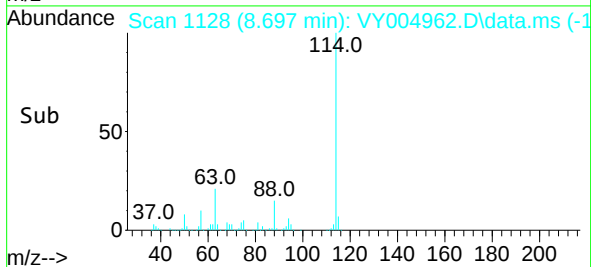
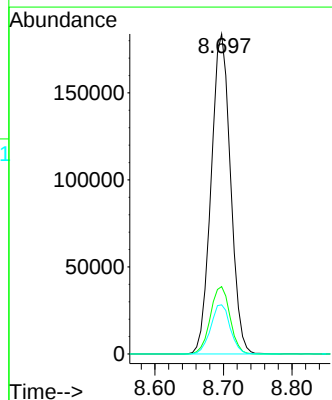
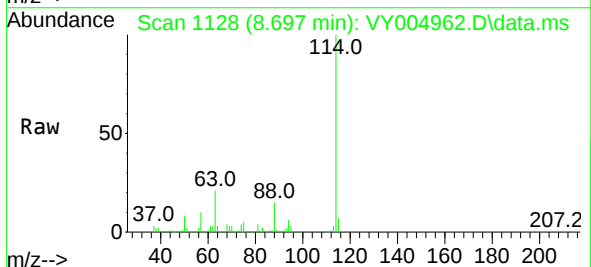
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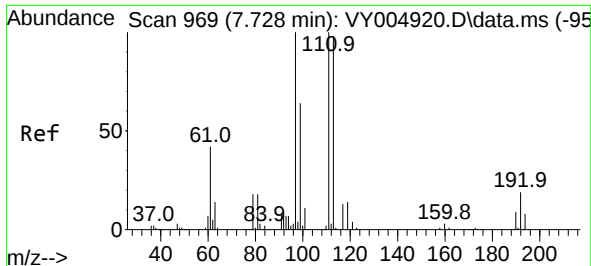
Tgt Ion: 65 Resp: 136350
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion:114 Resp: 359974
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.0
88 15.4 0.0 30.6

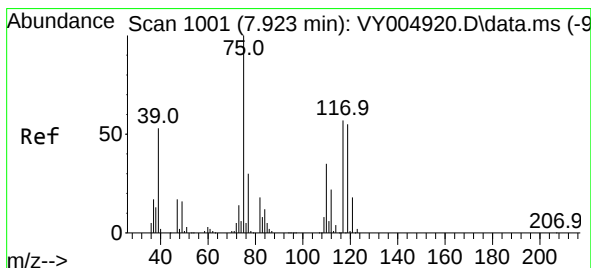
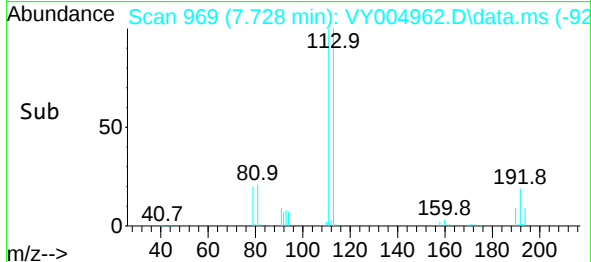
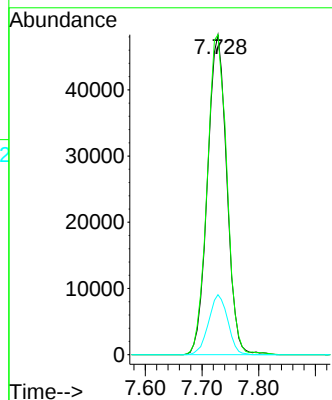
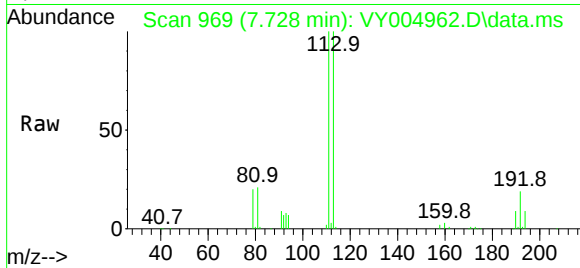




#35
Dibromofluoromethane
Concen: 58.954 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

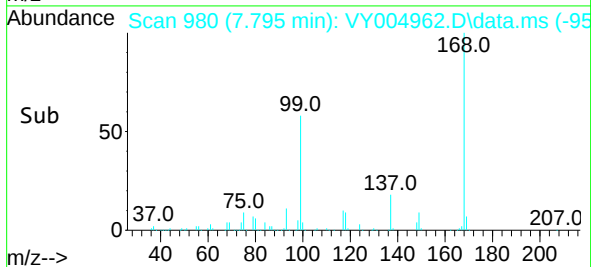
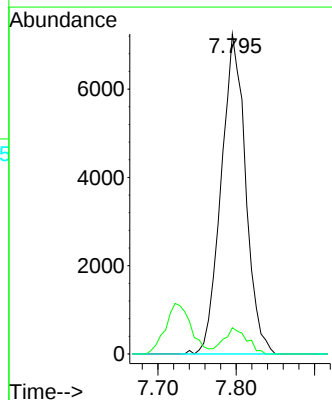
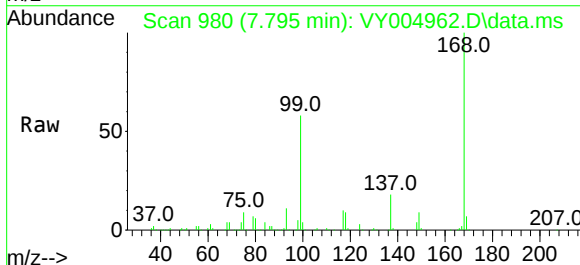
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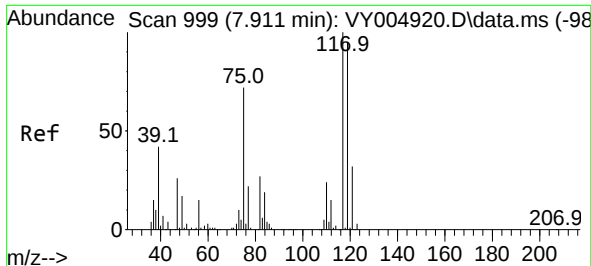
Tgt Ion:113 Resp: 114176
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.454 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

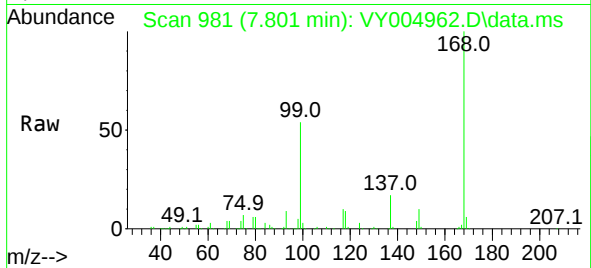
Tgt Ion: 75 Resp: 15691
Ion Ratio Lower Upper
75 100
110 7.9 17.5 52.5#
77 0.0 25.1 37.7#



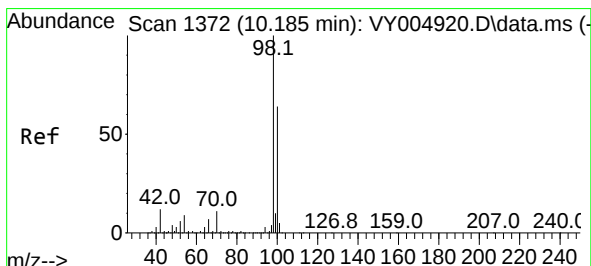
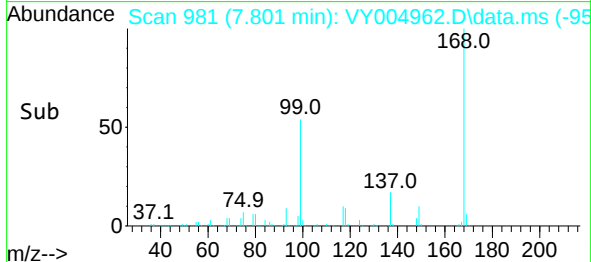
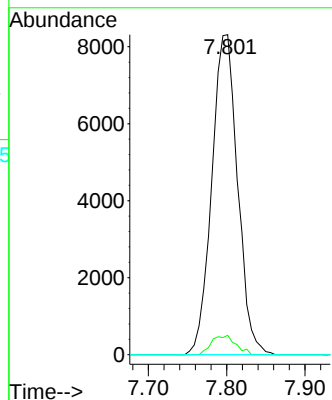


#38
Carbon Tetrachloride
Concen: 6.220 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Instrument :
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18-B12(86-90)

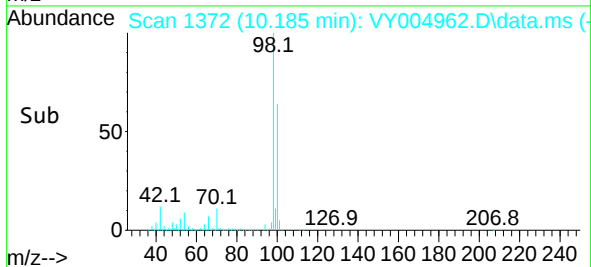
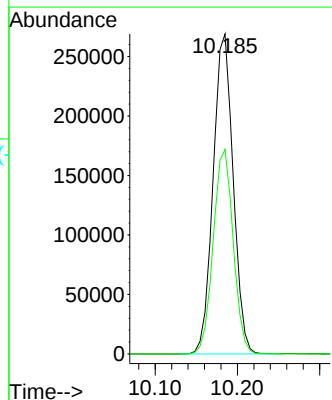
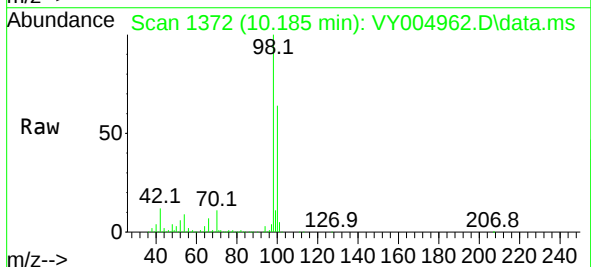


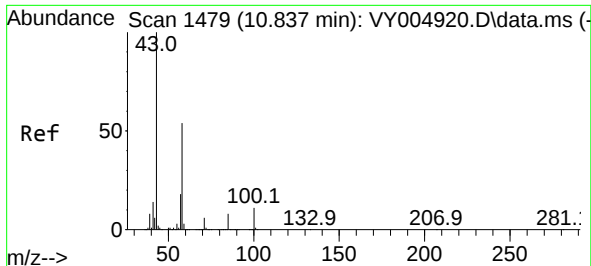
Tgt Ion:117 Resp: 19071
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.586 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion: 98 Resp: 455145
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

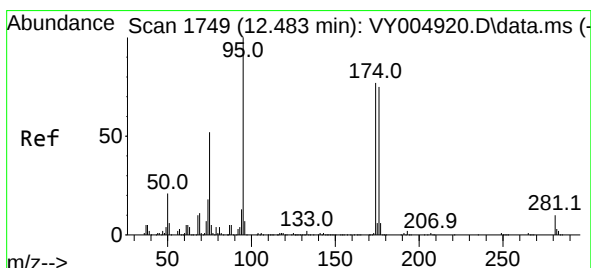
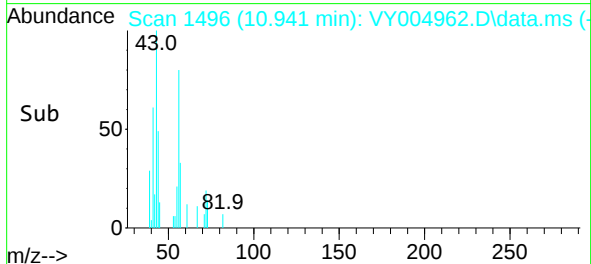
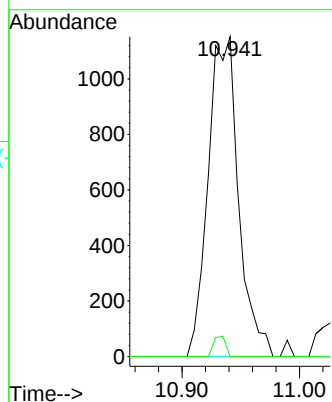
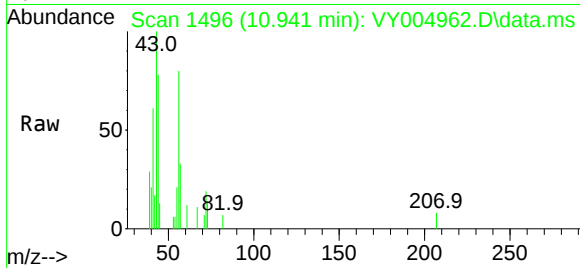




#59
2-Hexanone
Concen: 1.404 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

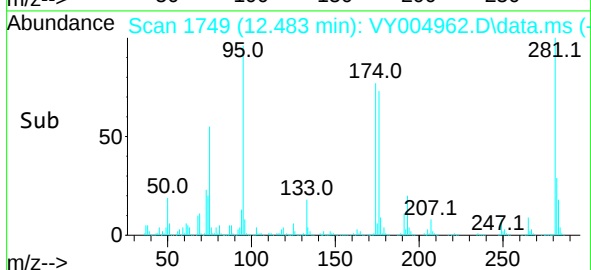
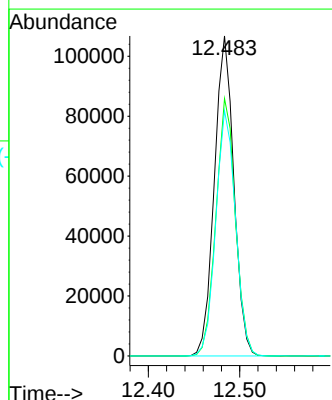
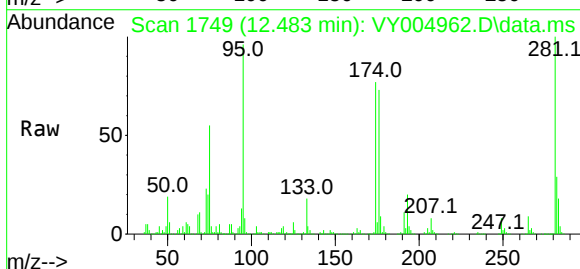
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

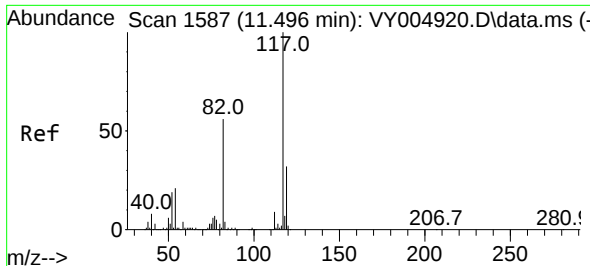
Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 2.5 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 57.089 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion: 95 Resp: 157923
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.8
176 77.7 0.0 155.6

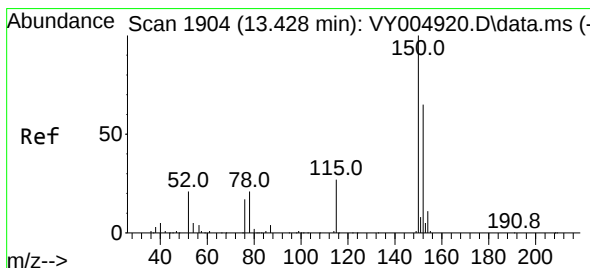
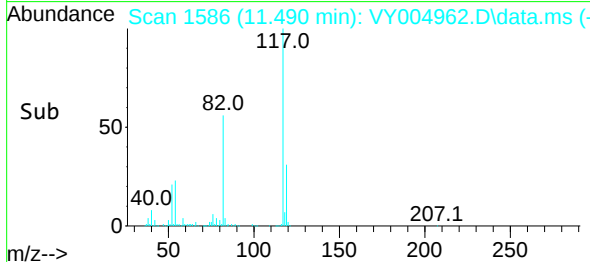
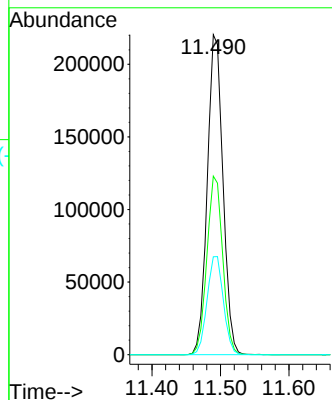
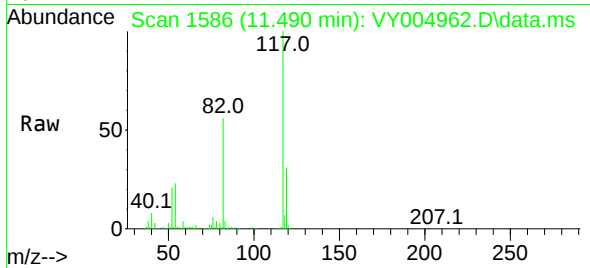




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

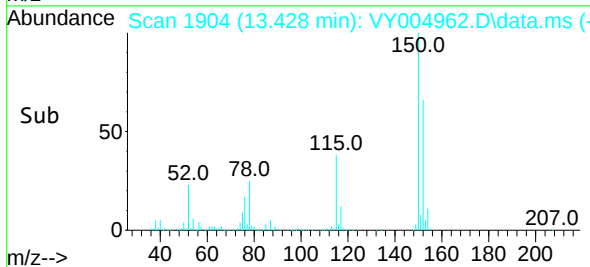
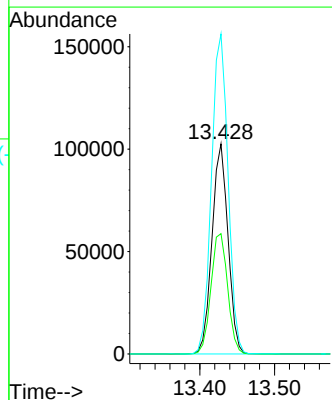
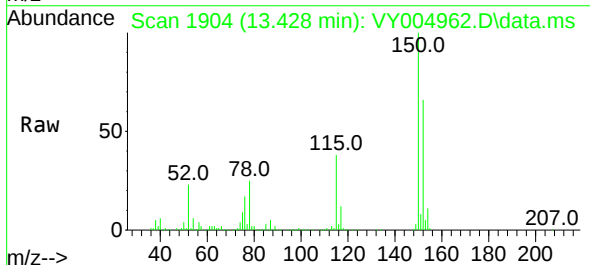
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

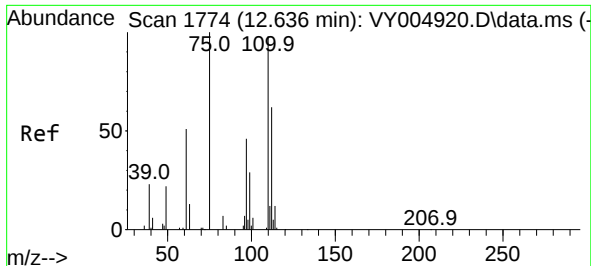
Tgt Ion:117 Resp: 349805
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 30.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion:152 Resp: 152660
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 156.9 0.0 347.8

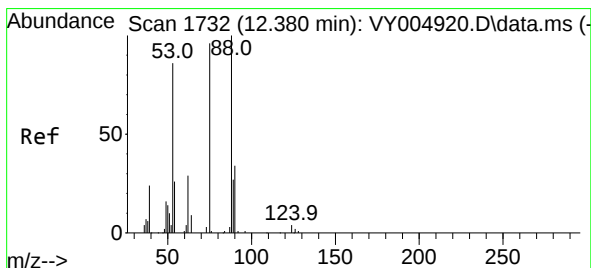
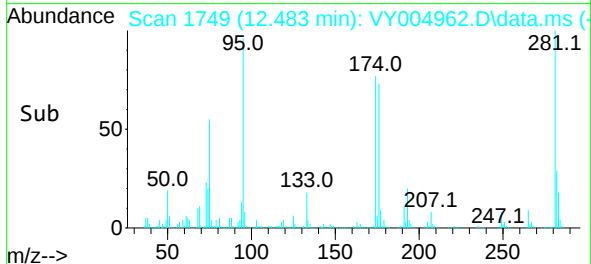
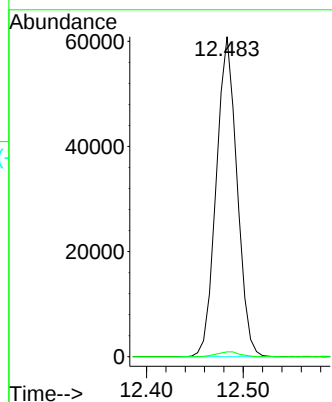
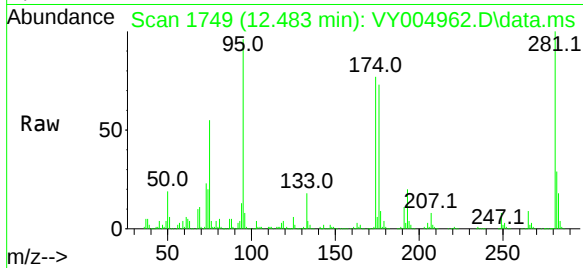




#76
1,2,3-Trichloropropane
Concen: 54.211 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(86-90)

Tgt Ion: 75 Resp: 90720
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.628 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004962.D
Acq: 04 Jun 2021 14:21

Tgt Ion: 75 Resp: 90720
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.5 35.0 52.6#

