

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005922.D
 Acq On : 01 Sep 2021 11:58
 Operator : SY/MD
 Sample : M3616-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-083121

Quant Time: Sep 02 07:46:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

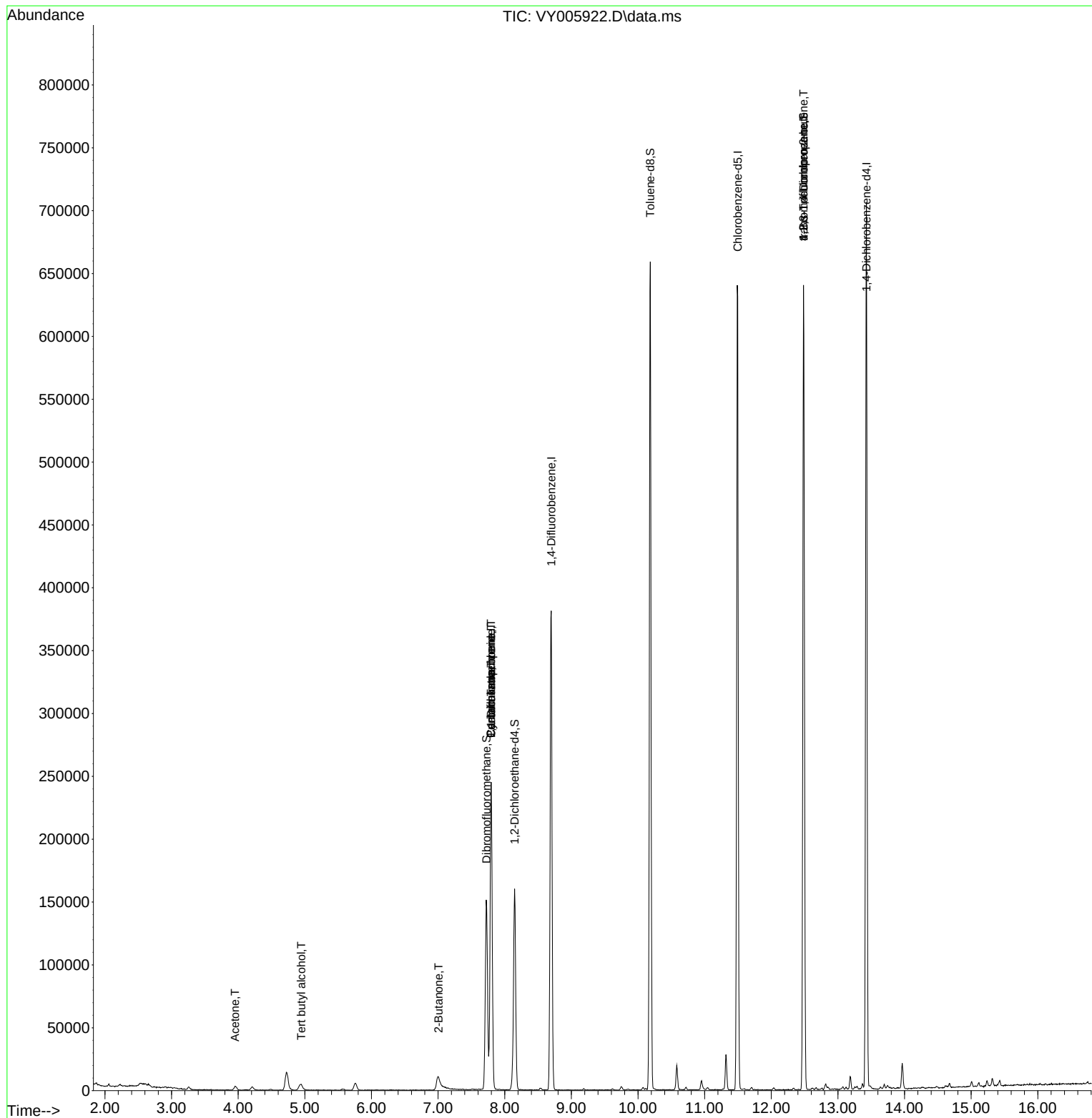
Internal Standards						
1) Pentafluorobenzene	7.795	168	197325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	351842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126114	63.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.84%			
35) Dibromofluoromethane	7.728	113	101525	54.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.30%			
50) Toluene-d8	10.185	98	429042	54.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.04%			
62) 4-Bromofluorobenzene	12.483	95	155750	58.94	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	5099	13.04	ug/l #	80
16) Acetone	3.954	43	5557	10.96	ug/l	93
25) 2-Butanone	7.009	43	1252	1.75	ug/l #	47
31) Cyclohexane	7.795	56	3735	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13523	4.30	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17722	5.20	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	85311	49.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85311	93.38	ug/l #	14

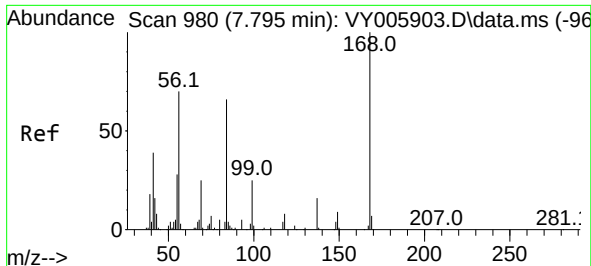
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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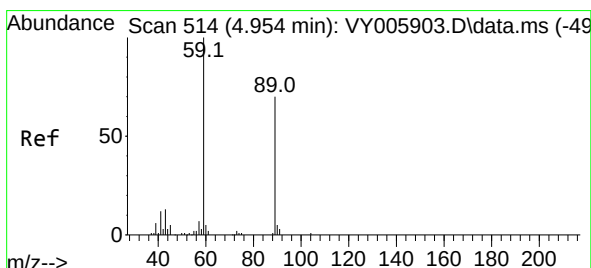
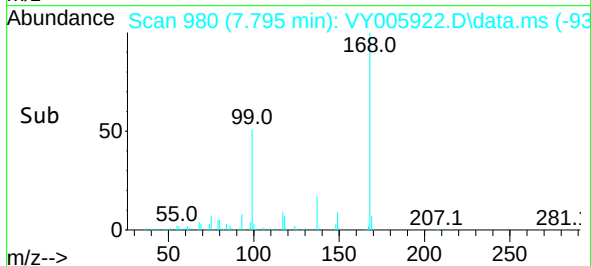
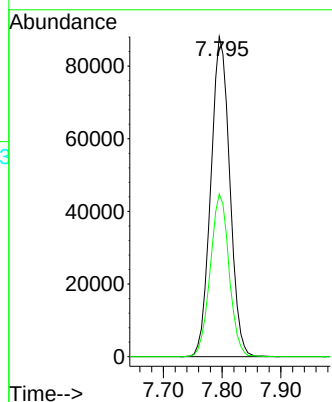
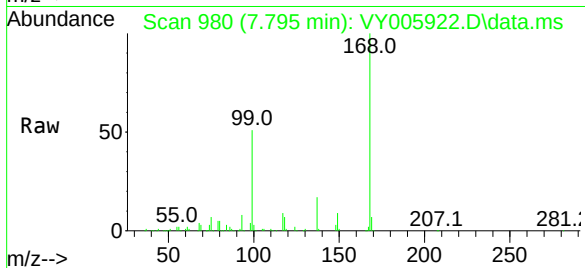




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

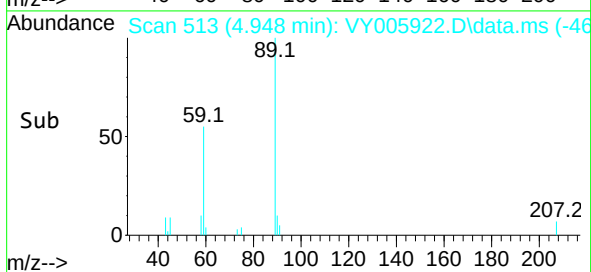
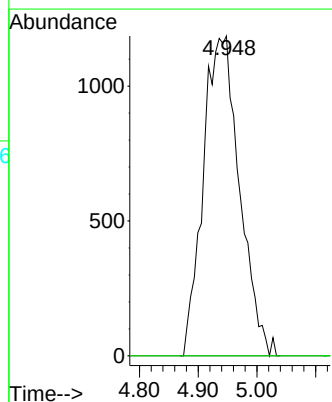
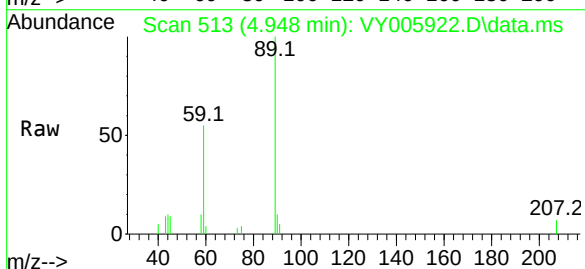
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-083121

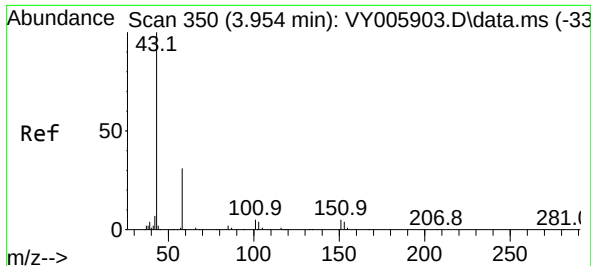
Tgt Ion:168 Resp: 197325
Ion Ratio Lower Upper
168 100
99 50.9 40.6 60.8



#11
Tert butyl alcohol
Concen: 13.04 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

Tgt Ion: 59 Resp: 5099
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

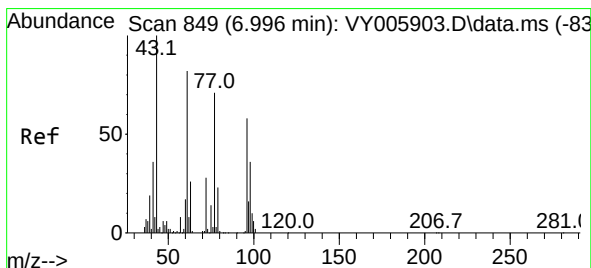
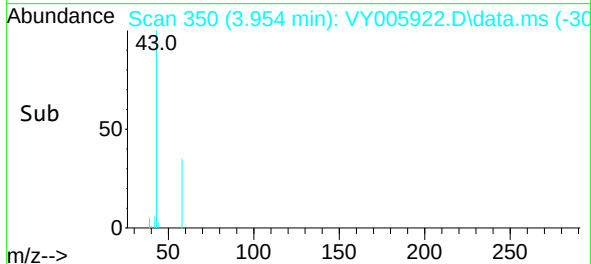
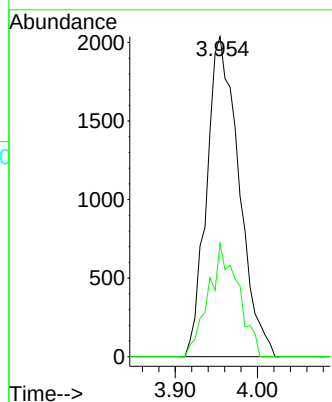
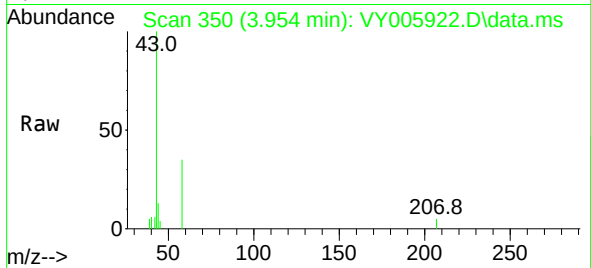




#16
Acetone
Concen: 10.96 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

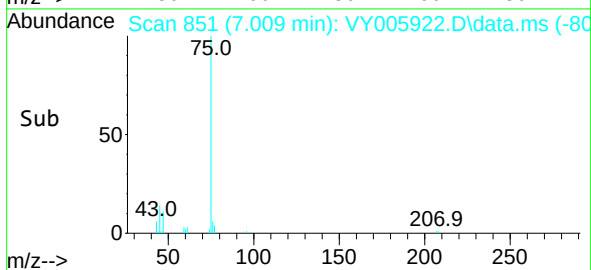
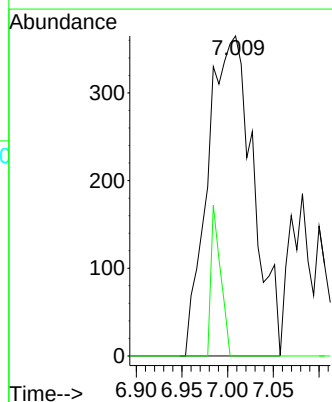
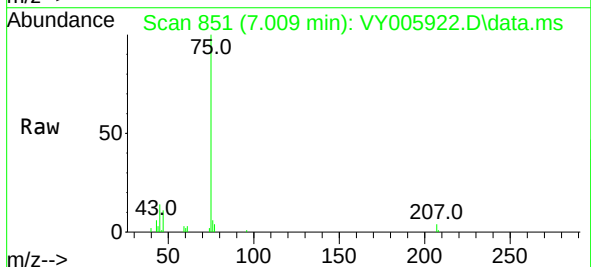
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-083121

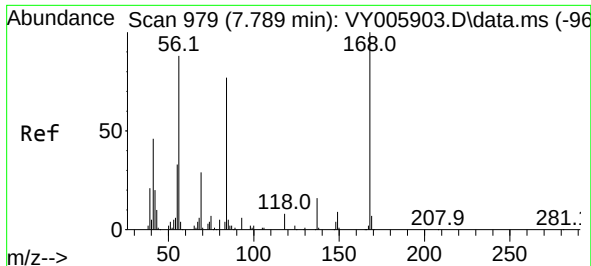
Tgt Ion: 43 Resp: 5557
Ion Ratio Lower Upper
43 100
58 35.3 25.1 37.7



#25
2-Butanone
Concen: 1.75 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#

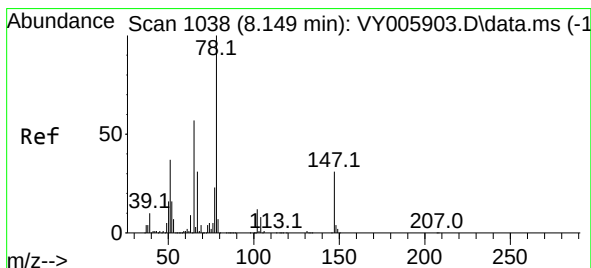
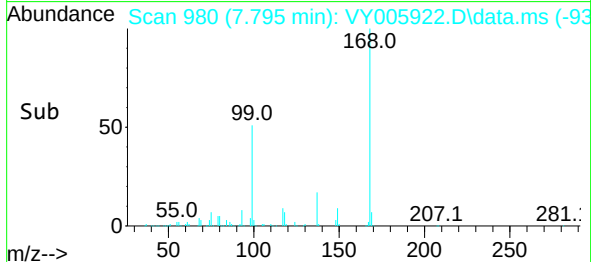
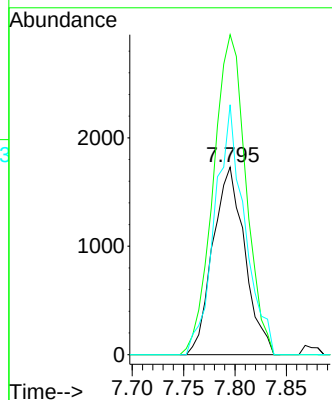
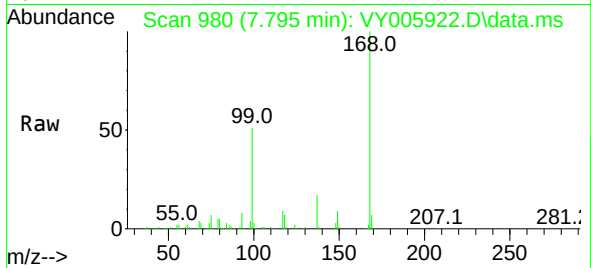




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

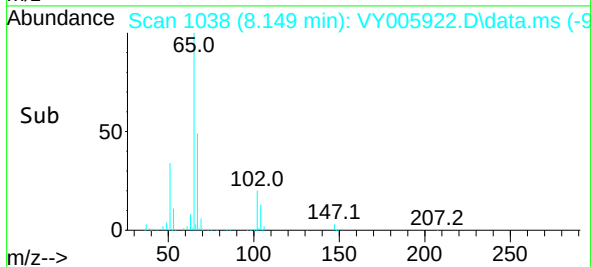
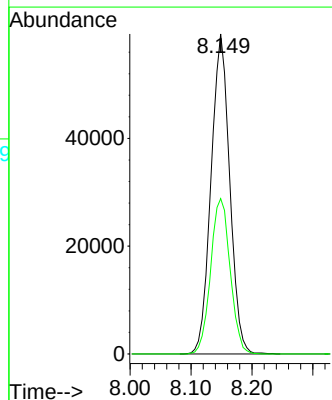
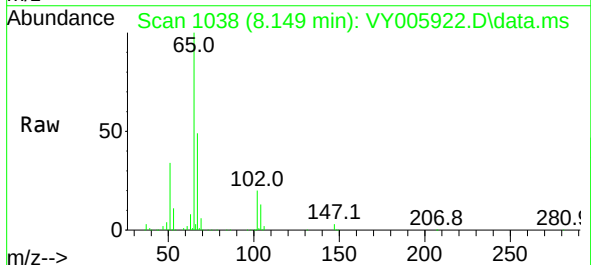
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-083121

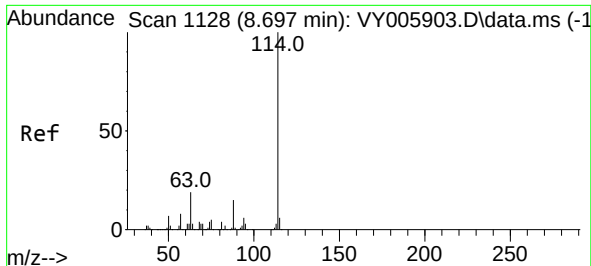
Tgt Ion: 56 Resp: 3735
Ion Ratio Lower Upper
56 100
69 170.6 26.3 39.5#
84 133.3 69.8 104.8#



#33
1,2-Dichloroethane-d4
Concen: 63.42 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

Tgt Ion: 65 Resp: 126114
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

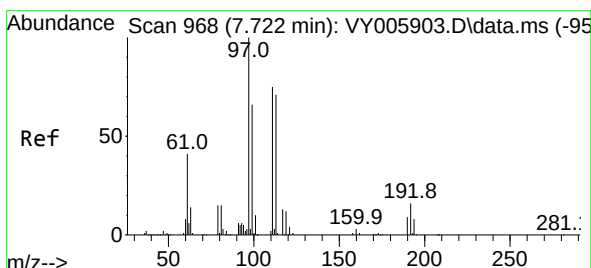
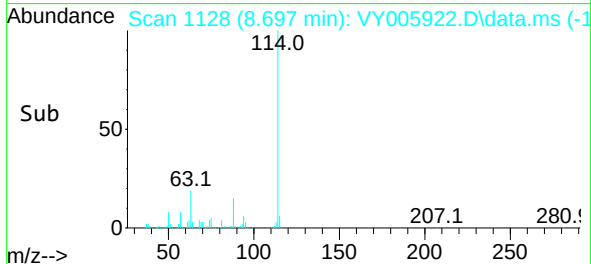
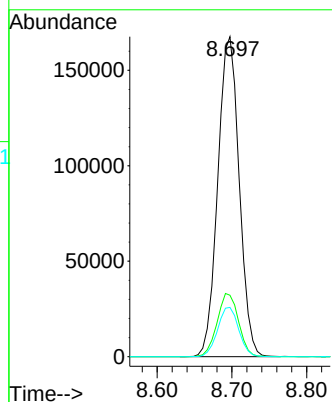
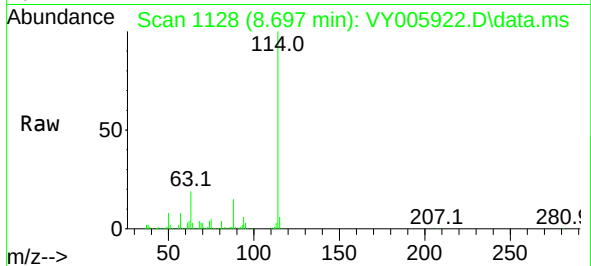




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

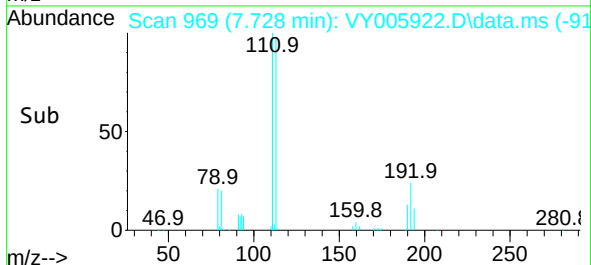
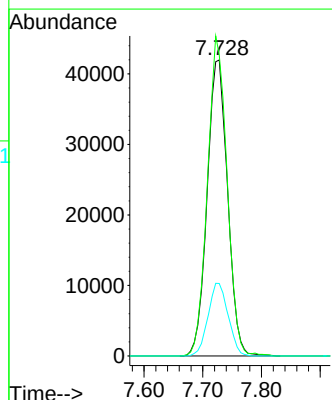
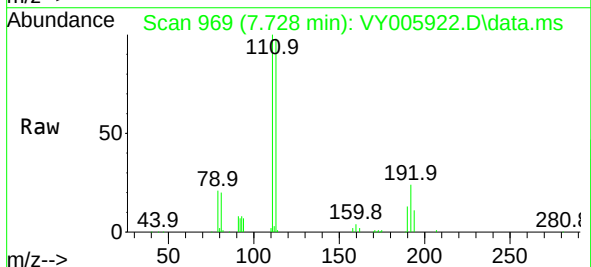
Instrument :
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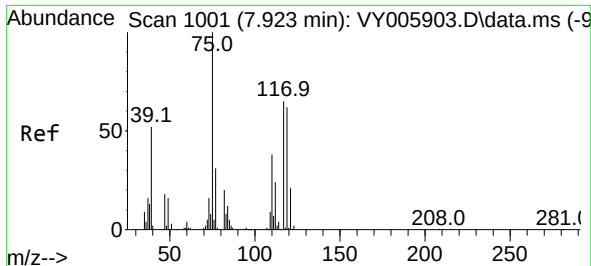
Tgt Ion:114 Resp: 333874
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 15.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.15 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

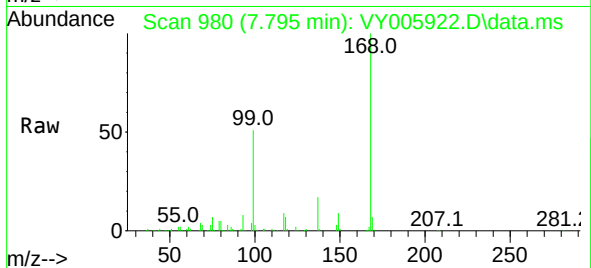
Tgt Ion:113 Resp: 101525
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 24.1 19.4 29.0



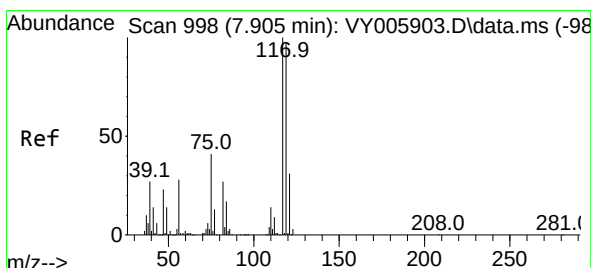
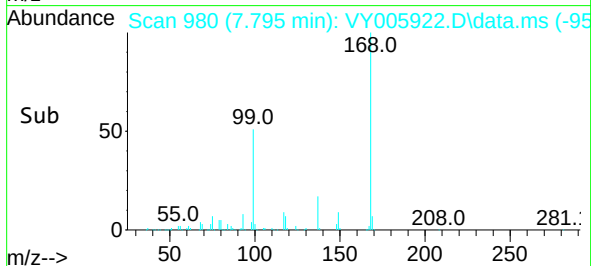
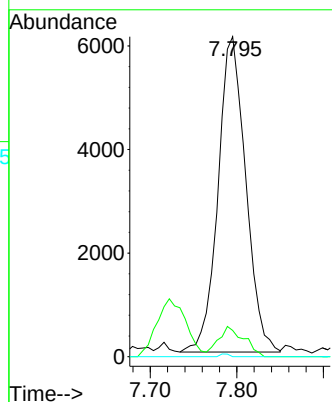


#36
 1,1-Dichloropropene
 Concen: 4.30 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005922.D
 Acq: 01 Sep 2021 11:58

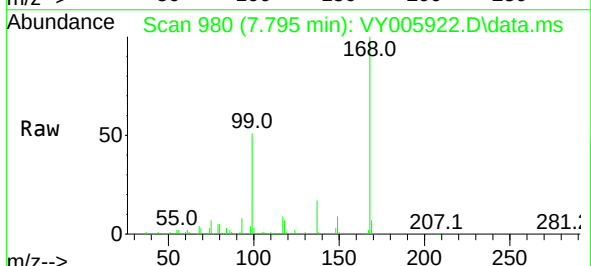
Instrument :
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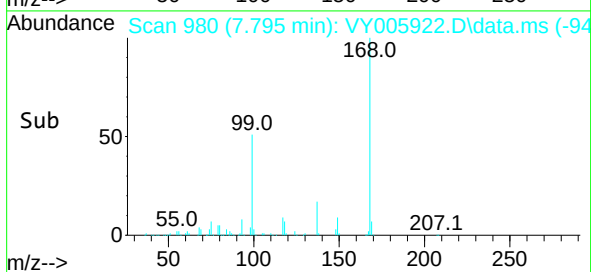
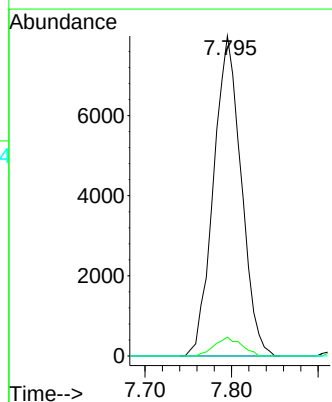
Tgt Ion: 75 Resp: 13523
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.3#
 77 0.3 24.9 37.3#

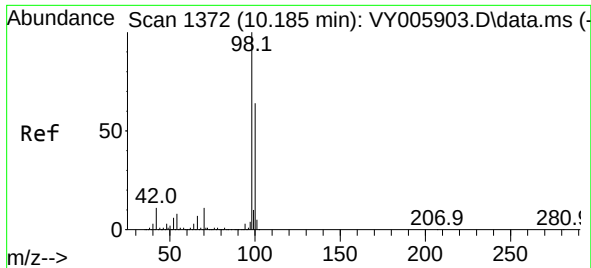


#38
 Carbon Tetrachloride
 Concen: 5.20 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY005922.D
 Acq: 01 Sep 2021 11:58



Tgt Ion: 117 Resp: 17722
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.5 116.3#
 121 0.0 25.0 37.6#

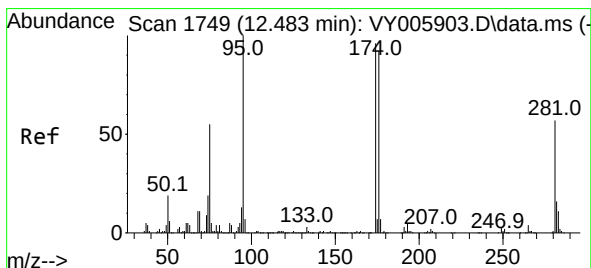
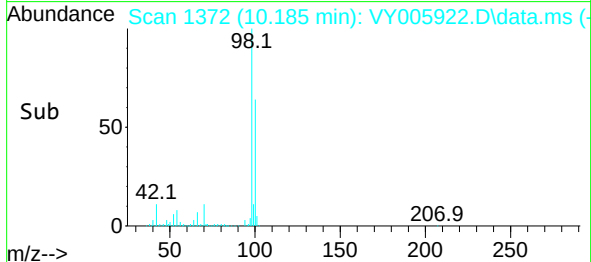
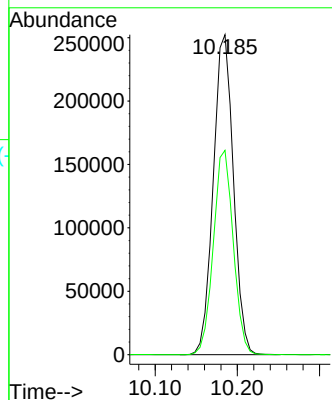
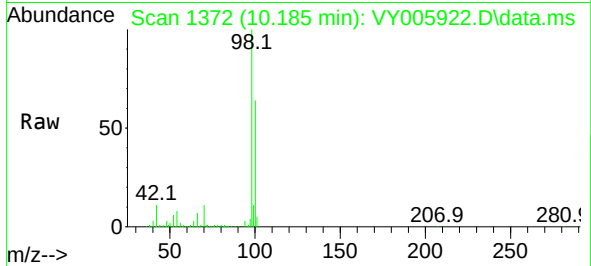




#50
Toluene-d8
Concen: 54.52 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

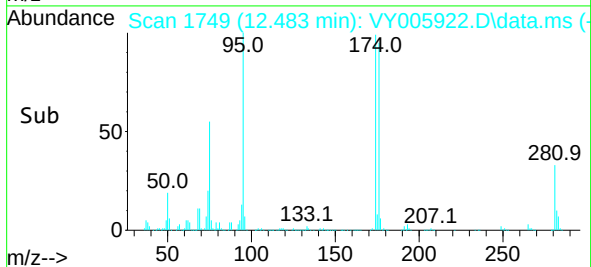
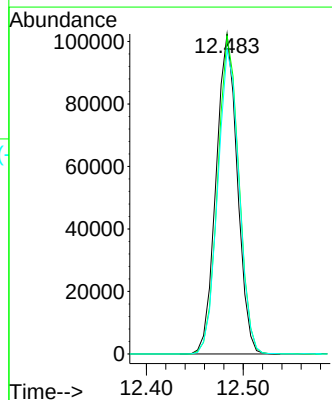
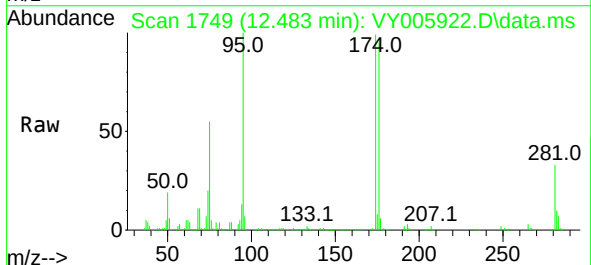
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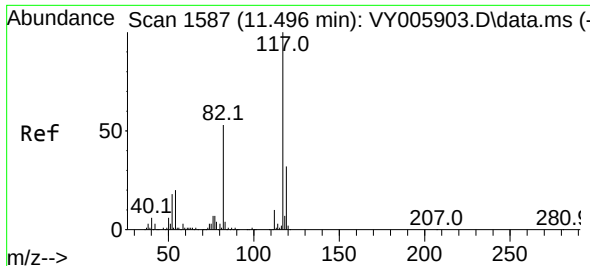
Tgt Ion: 98 Resp: 429042
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

Tgt Ion: 95 Resp: 155750
Ion Ratio Lower Upper
95 100
174 99.0 0.0 192.4
176 95.4 0.0 186.8

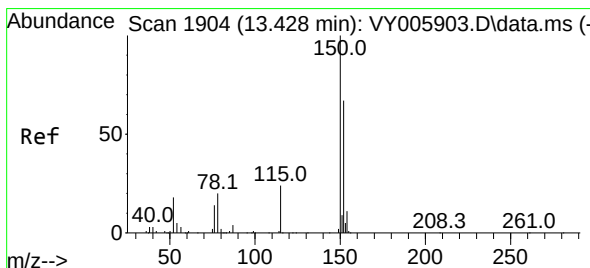
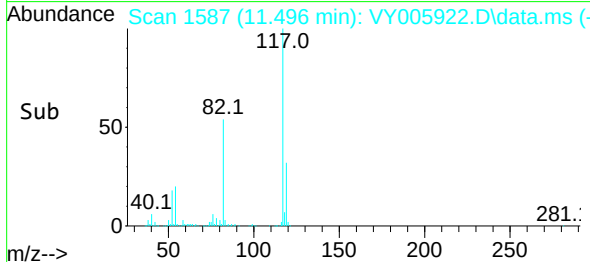
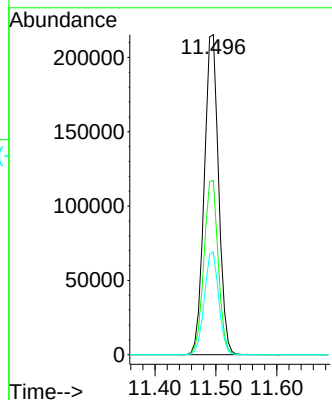
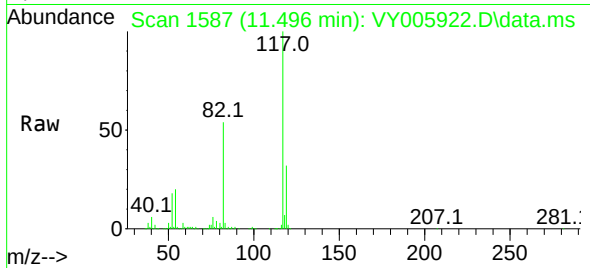




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

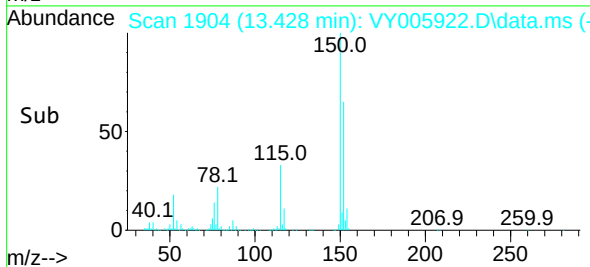
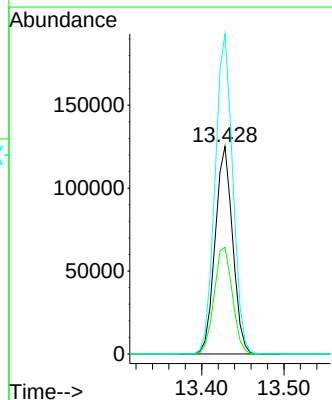
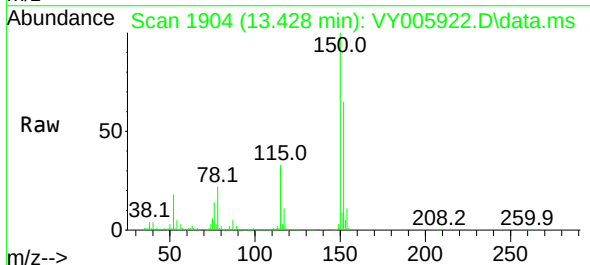
Instrument :
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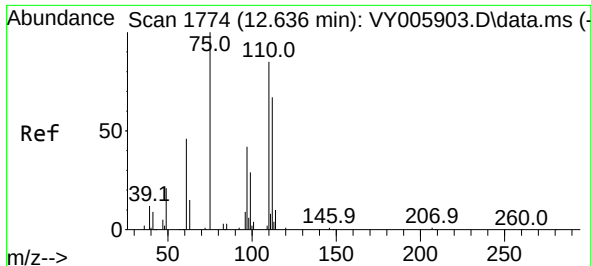
Tgt Ion:117 Resp: 351842
Ion Ratio Lower Upper
117 100
82 54.5 42.4 63.6
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

Tgt Ion:152 Resp: 185632
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 156.1 0.0 345.6

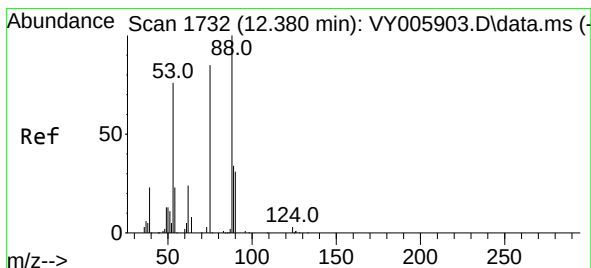
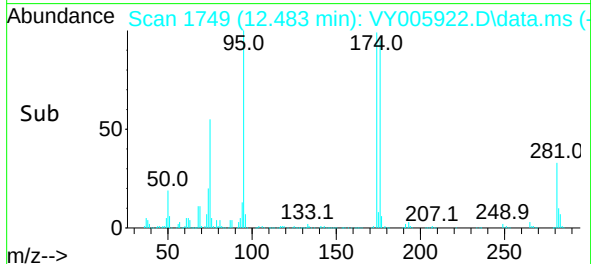
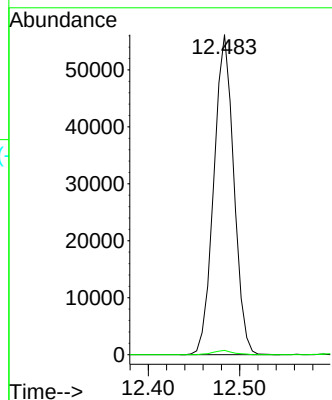
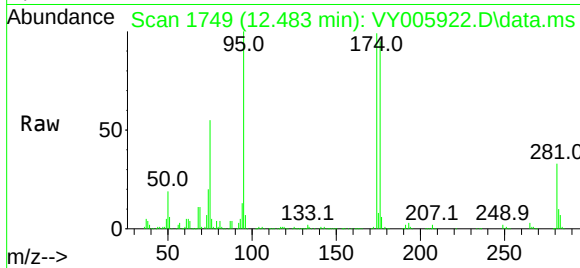




#76
1,2,3-Trichloropropane
Concen: 49.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-083121

Tgt Ion: 75 Resp: 85311
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005922.D
Acq: 01 Sep 2021 11:58

Tgt Ion: 75 Resp: 85311
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.2 35.8 53.6#

