

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005637.D
 Acq On : 13 Aug 2021 16:29
 Operator : SY/MD
 Sample : M3405-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-081221

Quant Time: Aug 14 03:36:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

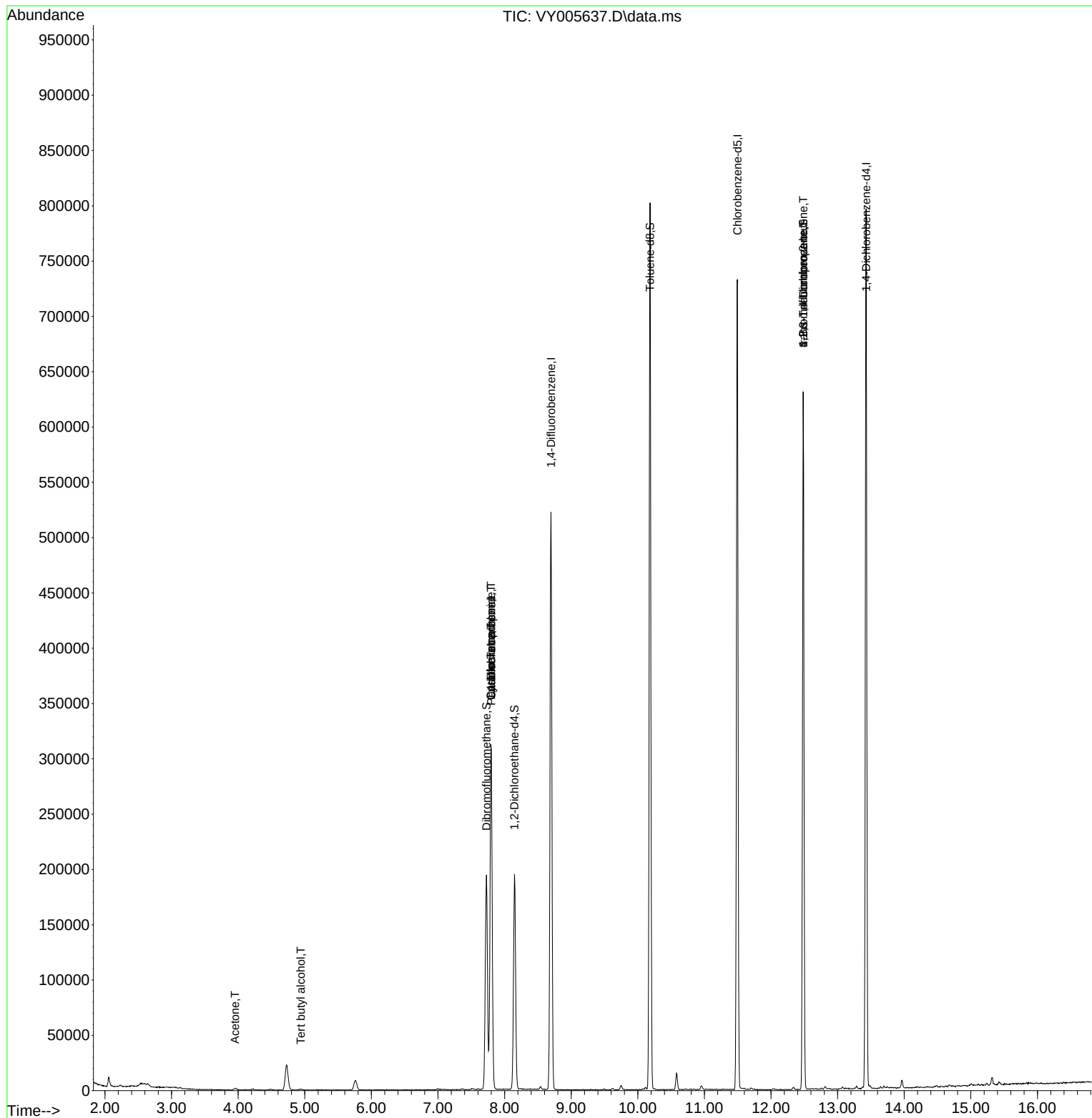
Internal Standards						
1) Pentafluorobenzene	7.801	168	255416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	441319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	396738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	202409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	153740	59.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.920%	
35) Dibromofluoromethane	7.728	113	133558	54.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.185	98	509419	49.160	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.483	95	177933	51.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	671	2.625	ug/l #	73
16) Acetone	3.954	43	2980	4.572	ug/l	93
31) Cyclohexane	7.795	56	4894	1.104	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	18417	4.449	ug/l #	49
38) Carbon Tetrachloride	7.795	117	22912	5.093	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	97880	46.664	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	97880	94.069	ug/l #	11

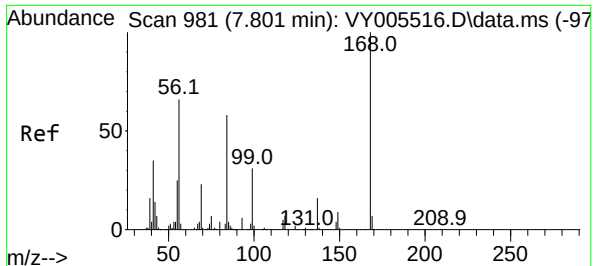
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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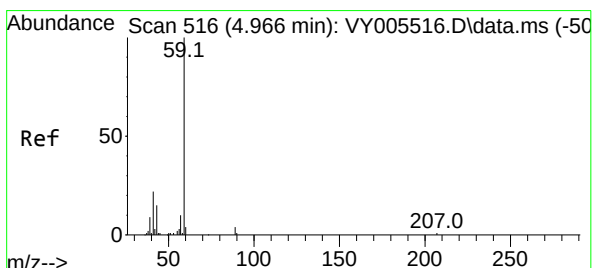
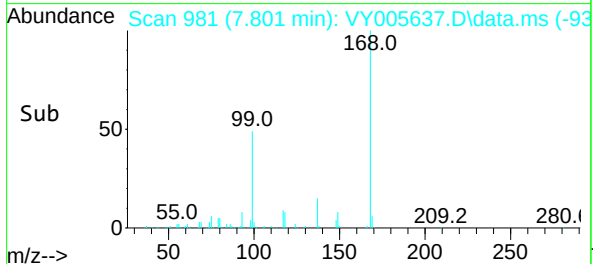
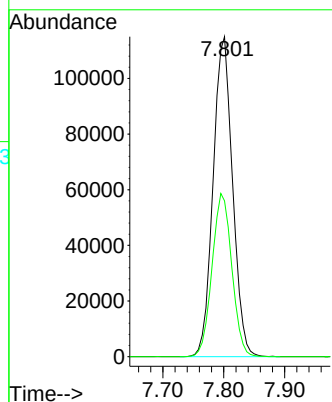
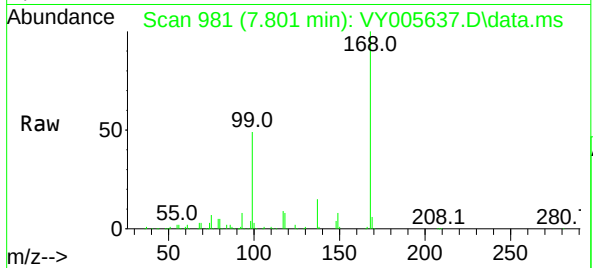




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

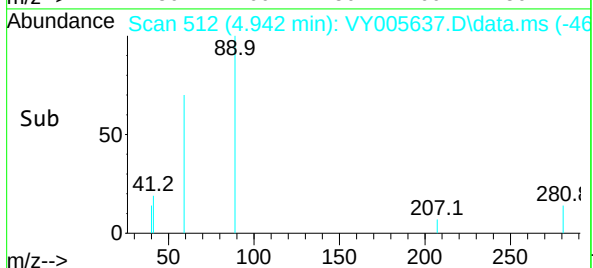
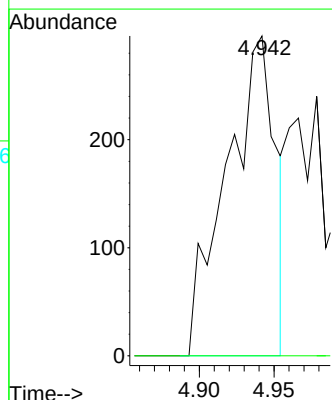
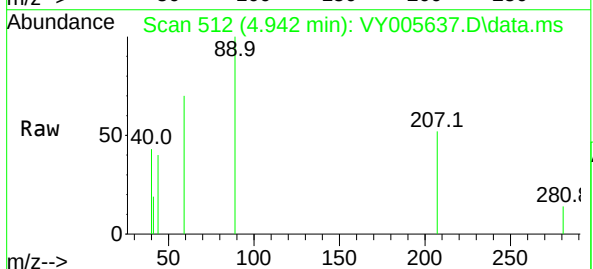
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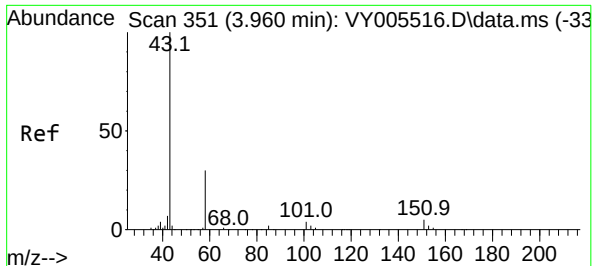
Tgt Ion:168 Resp: 255416
Ion Ratio Lower Upper
168 100
99 48.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.625 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion: 59 Resp: 671
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

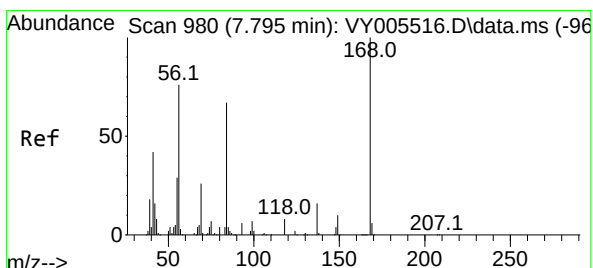
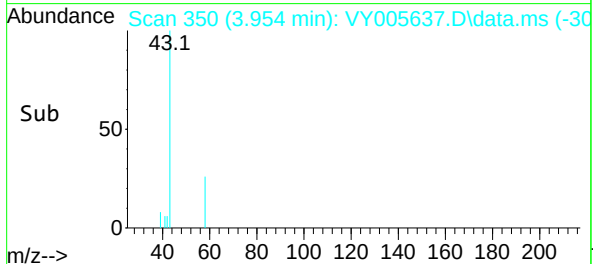
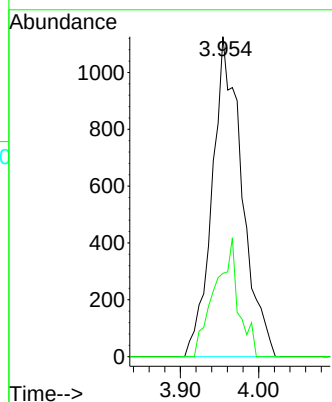
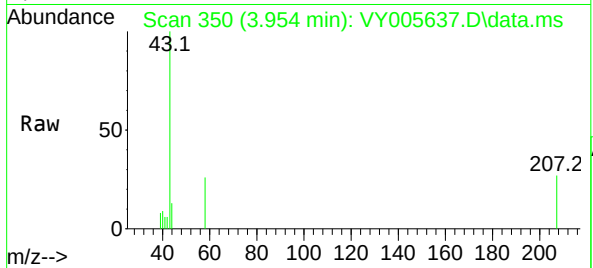




#16
Acetone
Concen: 4.572 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

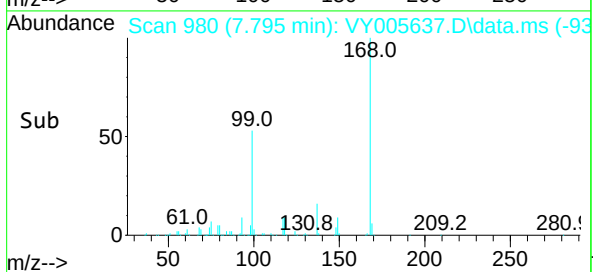
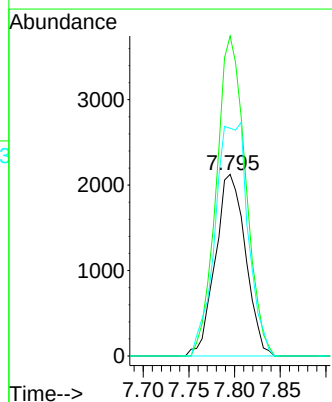
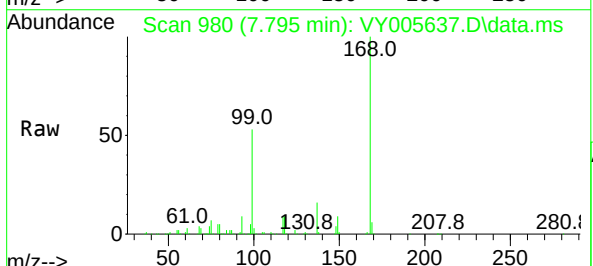
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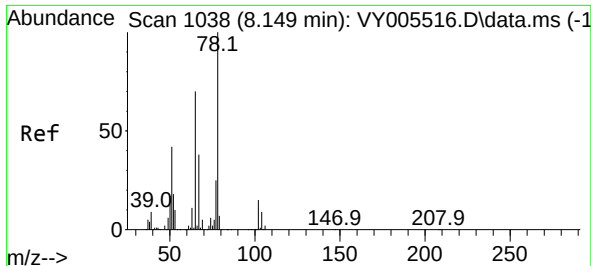
Tgt Ion: 43 Resp: 2980
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.6



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion: 56 Resp: 4894
Ion Ratio Lower Upper
56 100
69 176.2 27.7 41.5#
84 125.4 70.9 106.3#

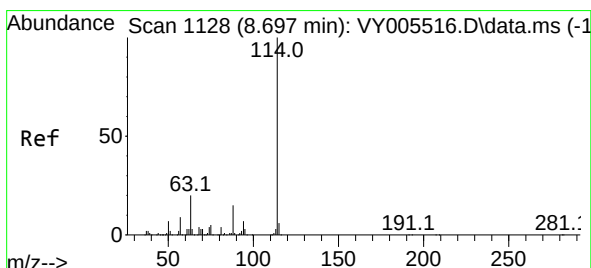
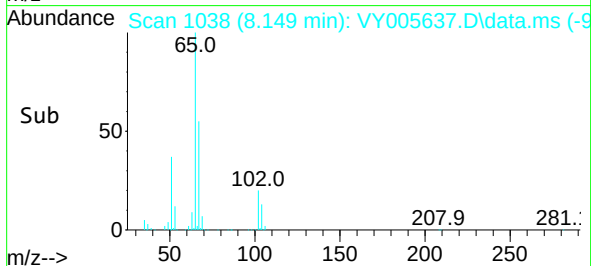
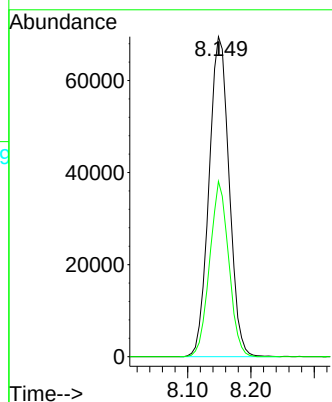
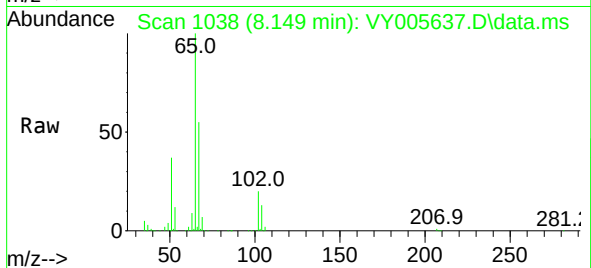




#33
 1,2-Dichloroethane-d4
 Concen: 59.464 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005637.D
 Acq: 13 Aug 2021 16:29

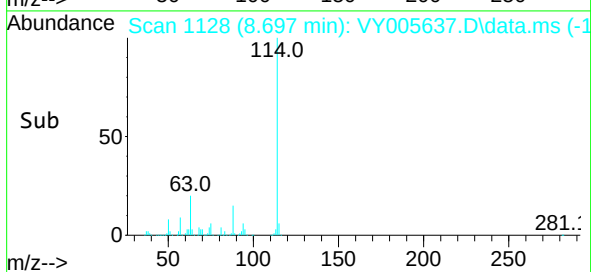
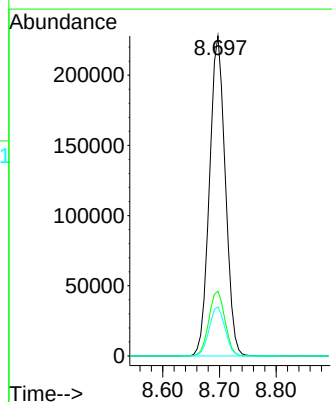
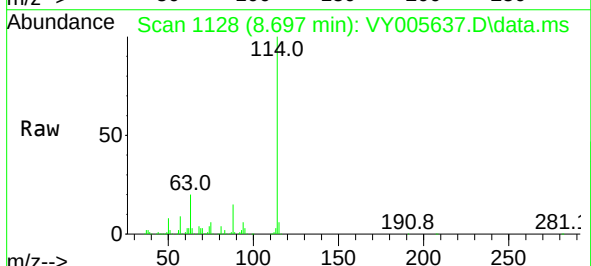
Instrument :
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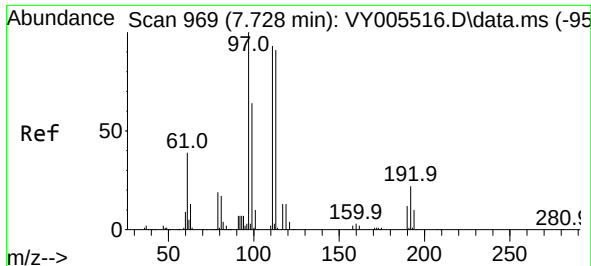
Tgt Ion: 65 Resp: 153740
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005637.D
 Acq: 13 Aug 2021 16:29

Tgt Ion: 114 Resp: 441319
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 15.3 0.0 30.8

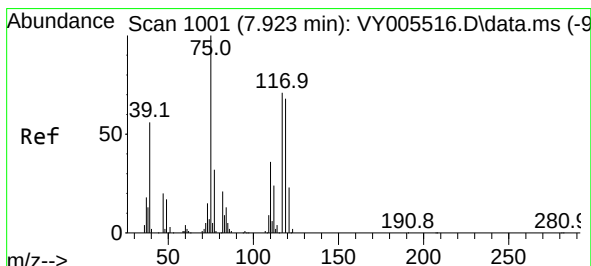
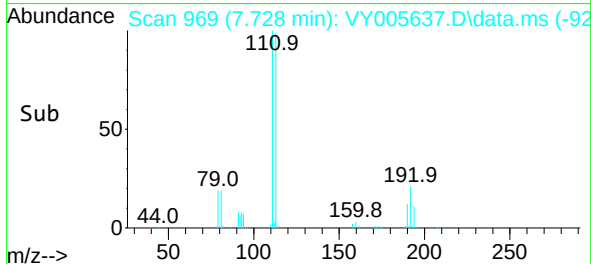
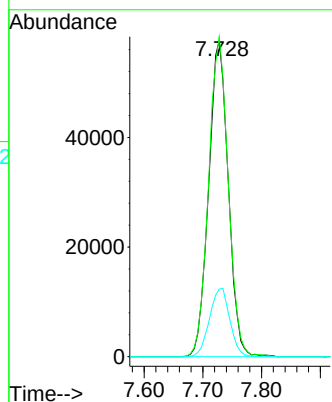
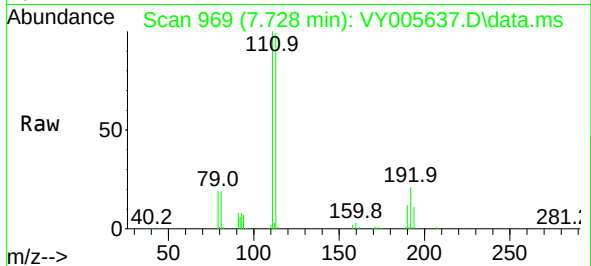




#35
Dibromofluoromethane
Concen: 54.054 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

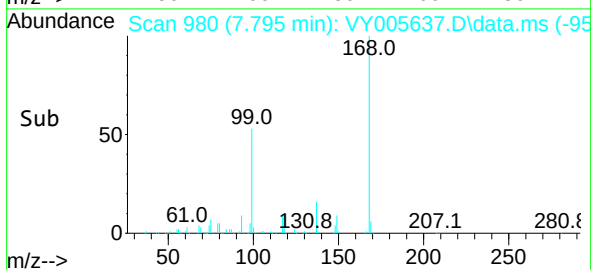
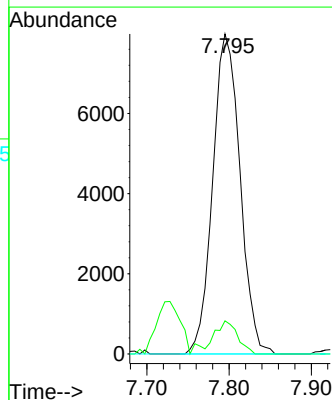
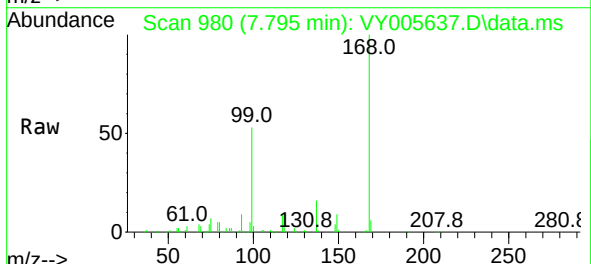
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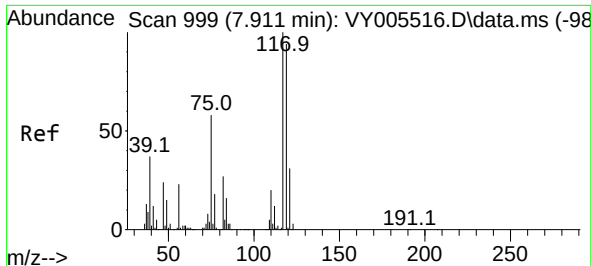
Tgt Ion:113 Resp: 133558
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 22.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion: 75 Resp: 18417
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.1#
77 0.0 25.1 37.7#

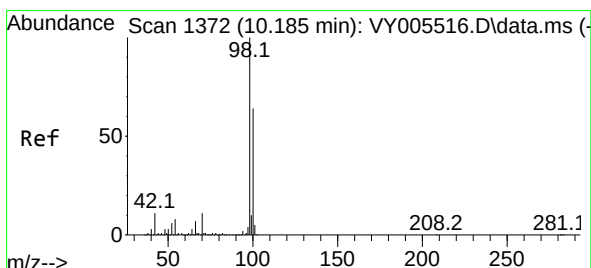
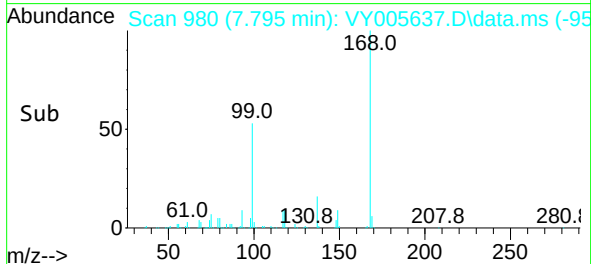
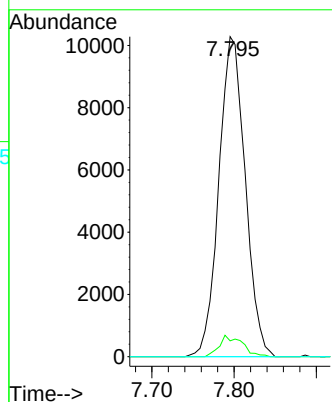
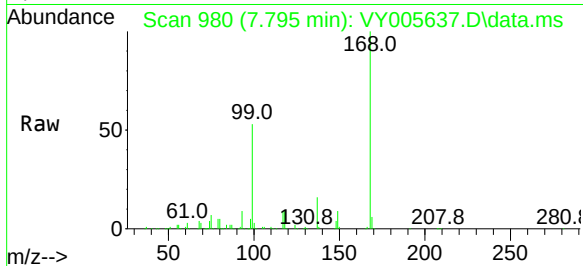




#38
Carbon Tetrachloride
Concen: 5.093 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

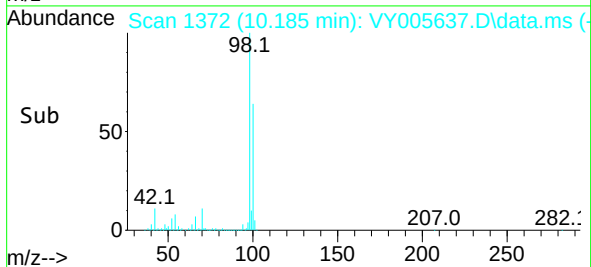
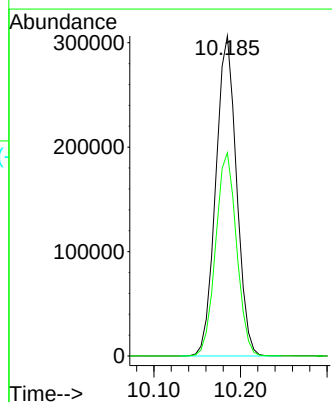
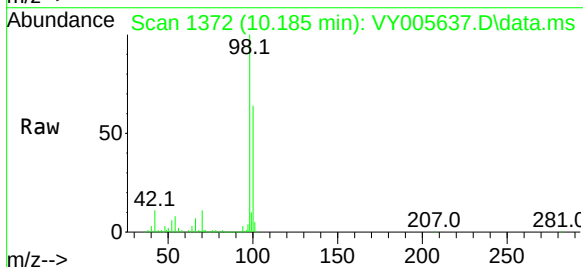
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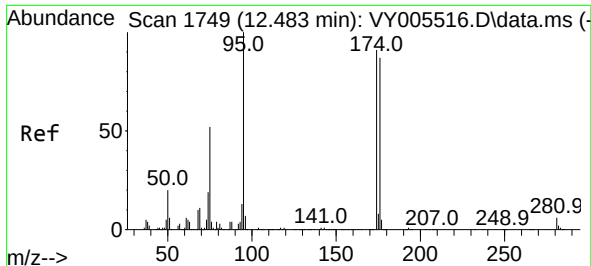
Tgt Ion:117 Resp: 22912
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 49.160 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion: 98 Resp: 509419
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9

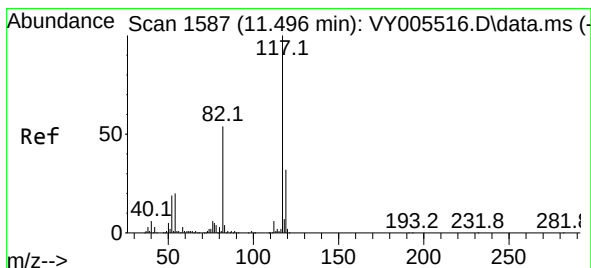
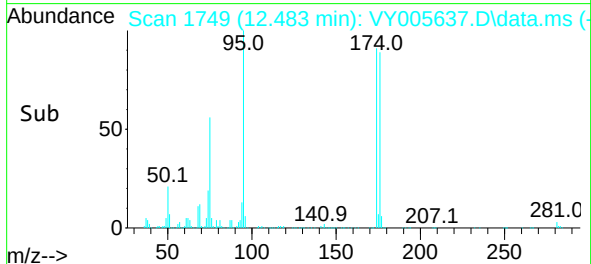
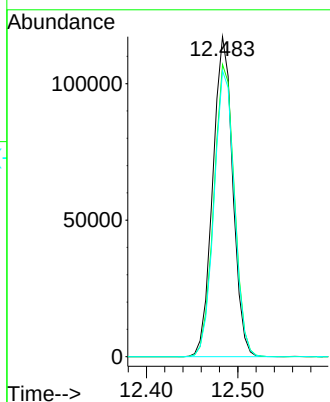
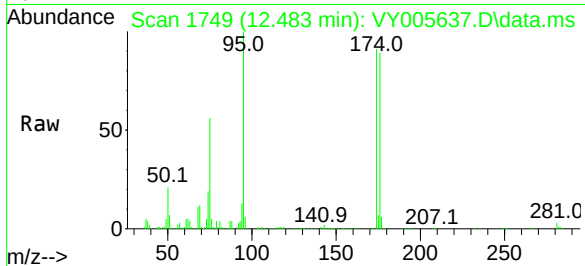




#62
4-Bromofluorobenzene
Concen: 51.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

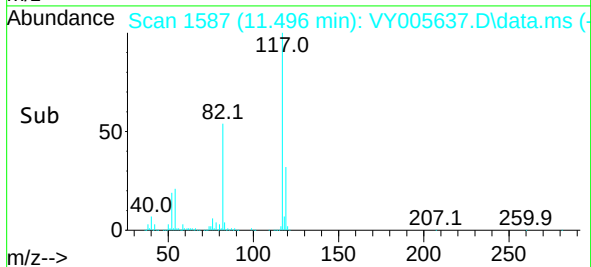
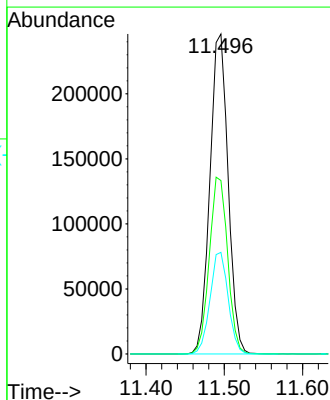
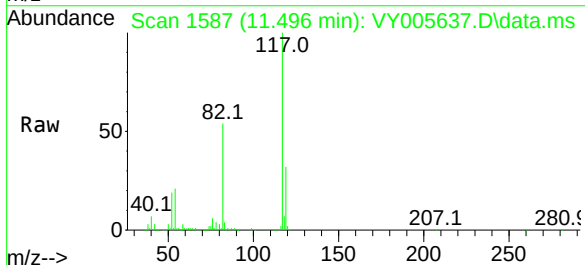
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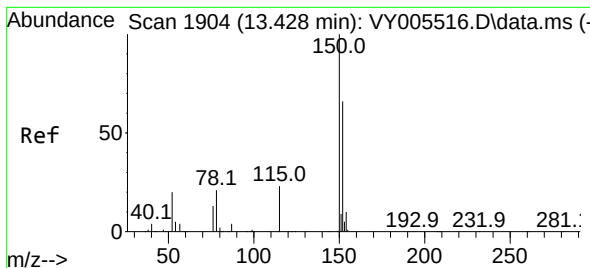
Tgt Ion: 95 Resp: 177933
Ion Ratio Lower Upper
95 100
174 93.7 0.0 191.4
176 90.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion: 117 Resp: 396738
Ion Ratio Lower Upper
117 100
82 54.2 43.5 65.3
119 31.7 25.5 38.3

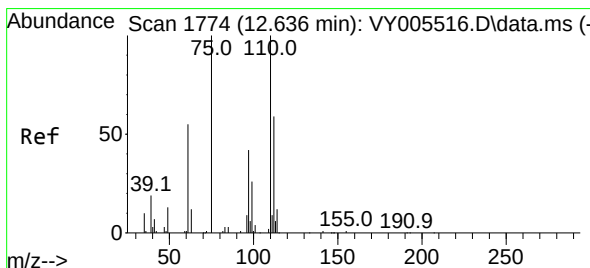
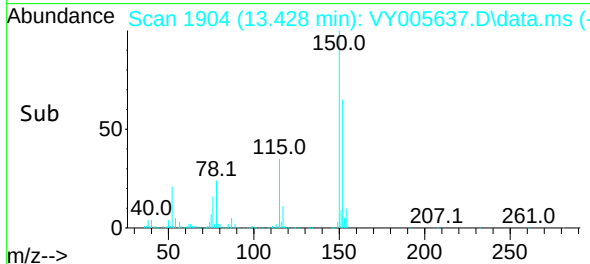
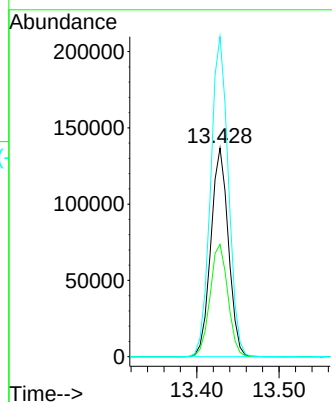
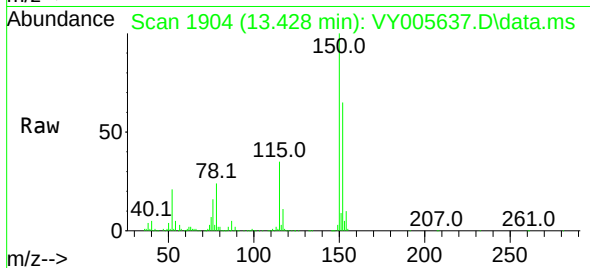




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005637.D
 Acq: 13 Aug 2021 16:29

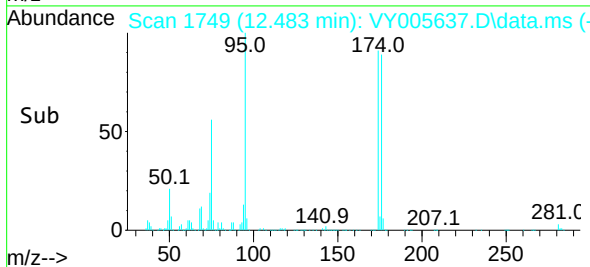
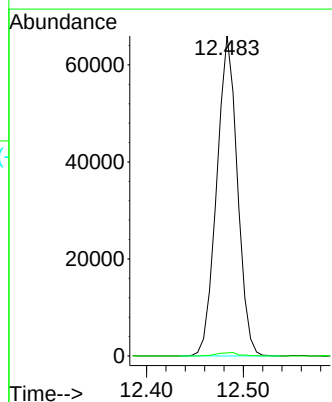
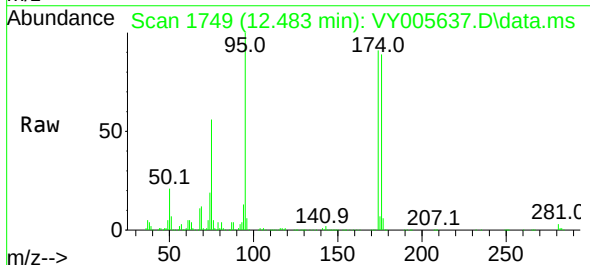
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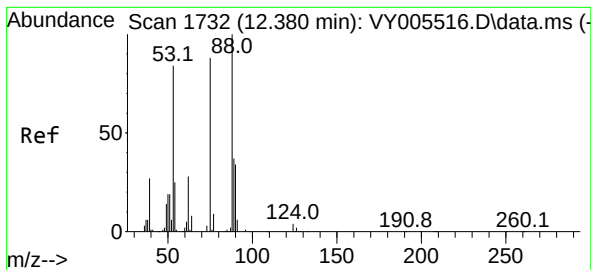
Tgt Ion:152 Resp: 202409
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.3 81.9
 150 155.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.664 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005637.D
 Acq: 13 Aug 2021 16:29

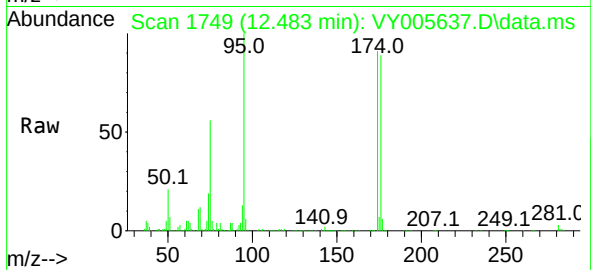
Tgt Ion: 75 Resp: 97880
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.069 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005637.D
 Acq: 13 Aug 2021 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-081221



Tgt Ion: 75 Resp: 97880
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.4 57.6#

