

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007899.D
 Acq On : 18 Mar 2022 14:00
 Operator : SY/MD
 Sample : N1847-01
 Misc : 9.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B3-030722-0-1

Quant Time: Mar 19 00:12:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

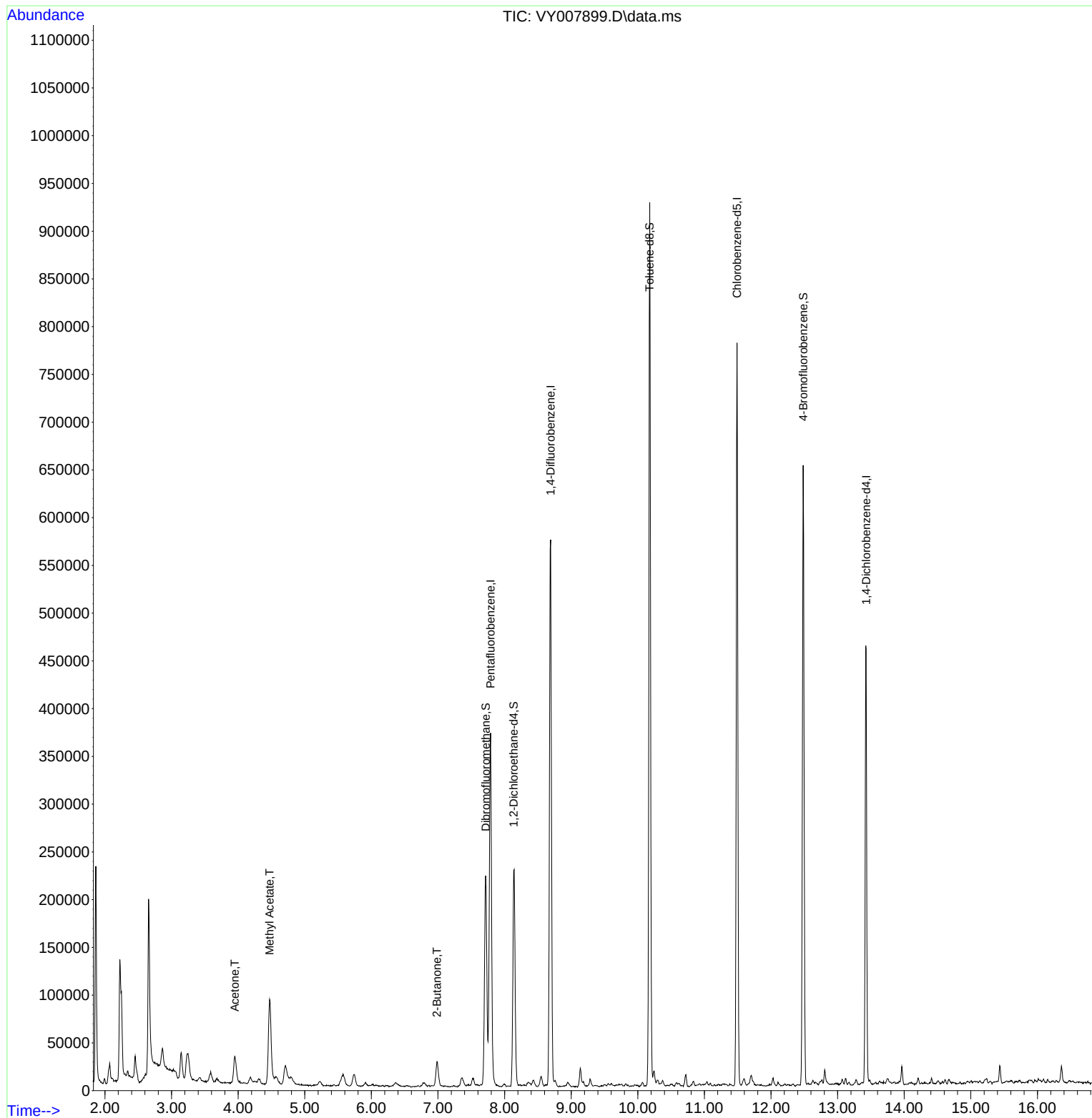
Internal Standards						
1) Pentafluorobenzene	7.789	168	289564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	522144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	424793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	171939	52.078	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 104.160%		
35) Dibromofluoromethane	7.715	113	161430	44.023	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 88.040%		
50) Toluene-d8	10.178	98	601388	54.900	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.800%		
62) 4-Bromofluorobenzene	12.483	95	166191	31.578	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 63.160%		
Target Compounds						
						Qvalue
16) Acetone	3.948	43	45696	52.173	ug/l #	86
18) Methyl Acetate	4.472	43	175460	88.635	ug/l #	91
25) 2-Butanone	6.984	43	43979	31.348	ug/l #	89

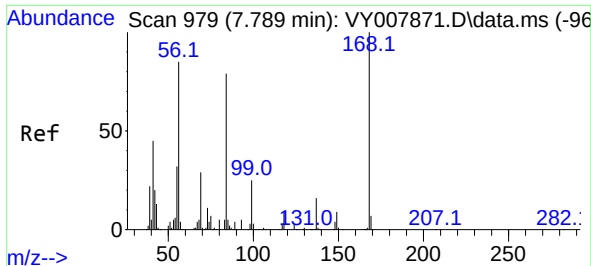
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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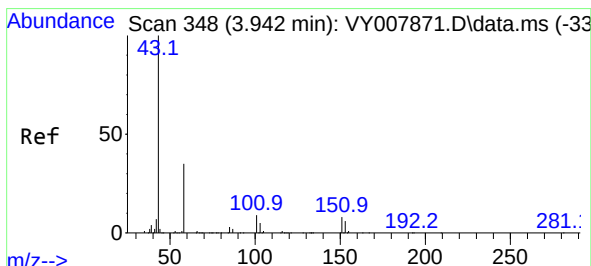
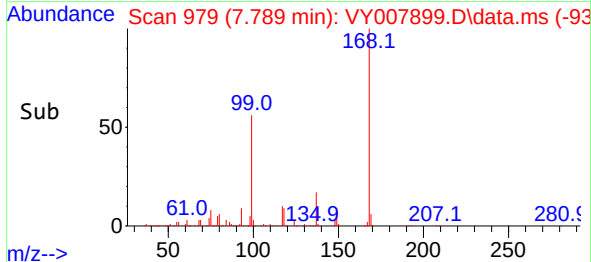
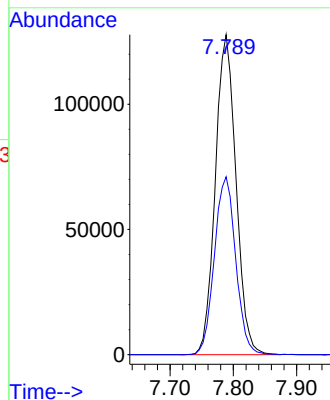
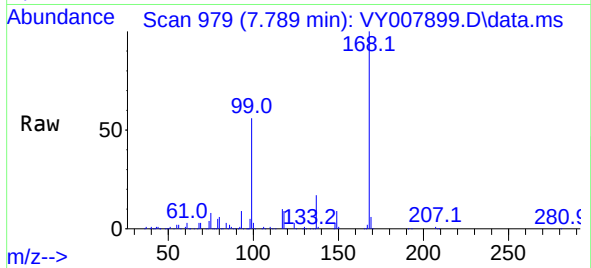




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007899.D
Acq: 18 Mar 2022 14:00

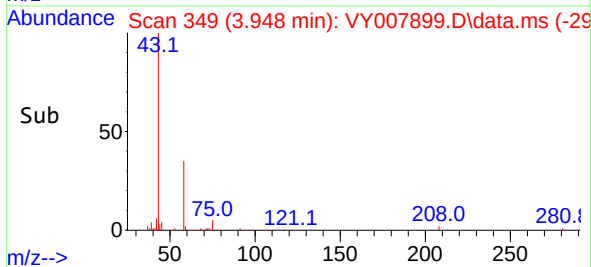
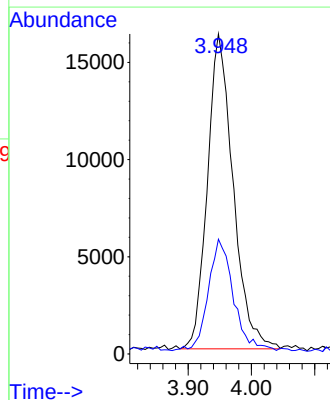
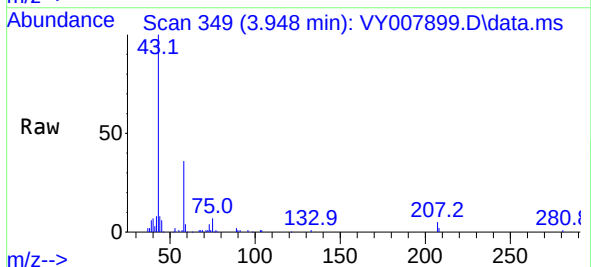
Instrument :
MSVOA_Y
ClientSampleId :
CG-B3-030722-0-1

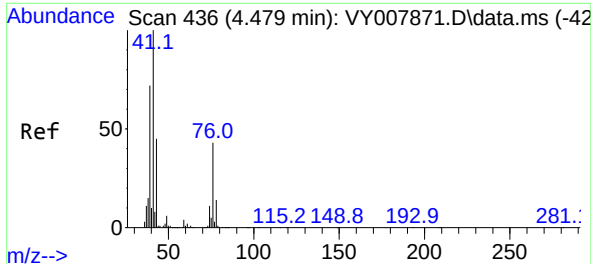
Tgt Ion:168 Resp: 289564
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 52.173 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007899.D
Acq: 18 Mar 2022 14:00

Tgt Ion: 43 Resp: 45696
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#





#18

Methyl Acetate

Concen: 88.635 ug/l

RT: 4.472 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY007899.D

Acq: 18 Mar 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

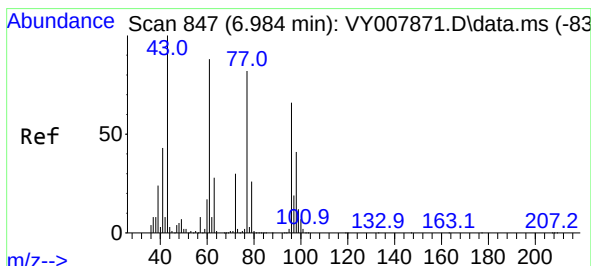
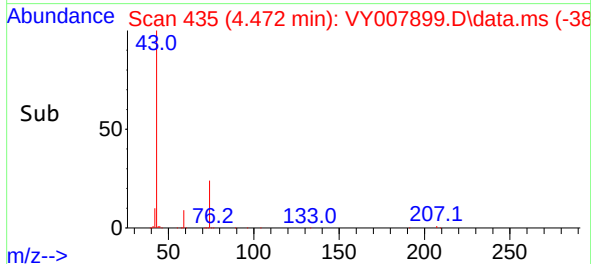
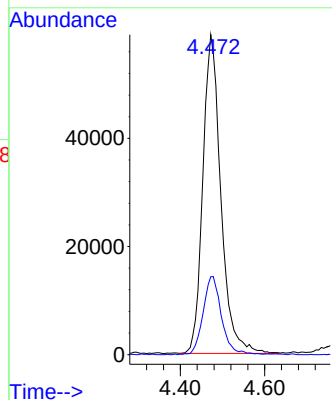
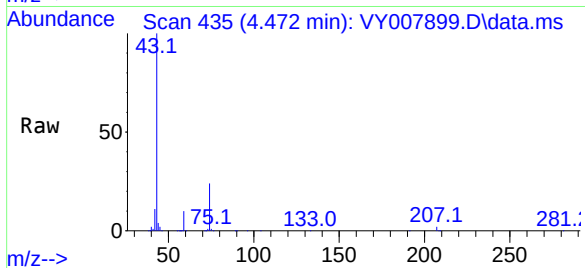
CG-B3-030722-0-1

Tgt Ion: 43 Resp: 175460

Ion Ratio Lower Upper

43 100

74 25.0 16.6 24.8#



#25

2-Butanone

Concen: 31.348 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007899.D

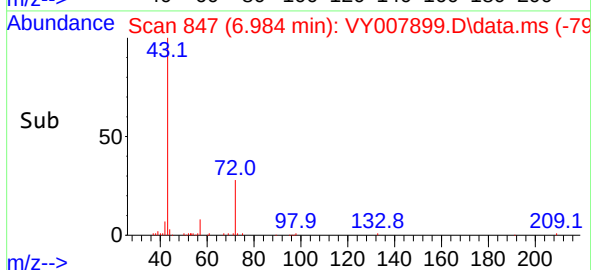
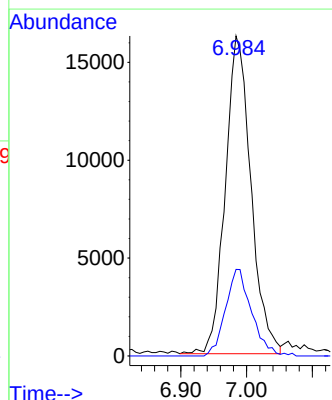
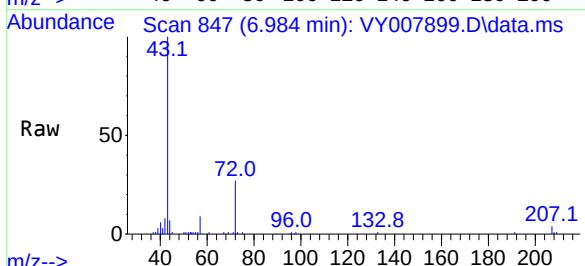
Acq: 18 Mar 2022 14:00

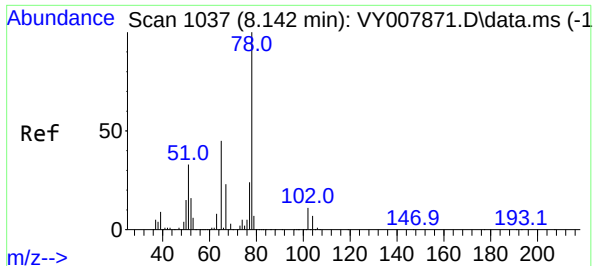
Tgt Ion: 43 Resp: 43979

Ion Ratio Lower Upper

43 100

72 27.2 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 52.078 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007899.D

Acq: 18 Mar 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

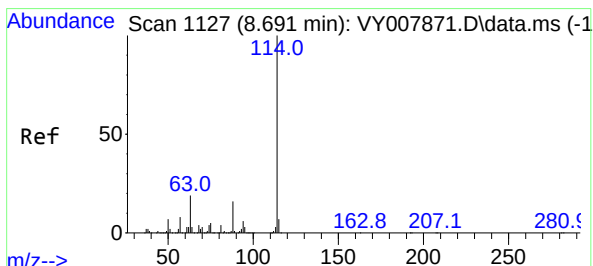
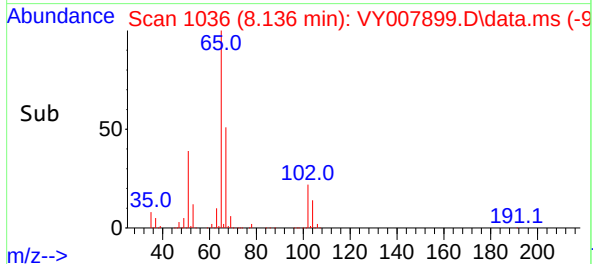
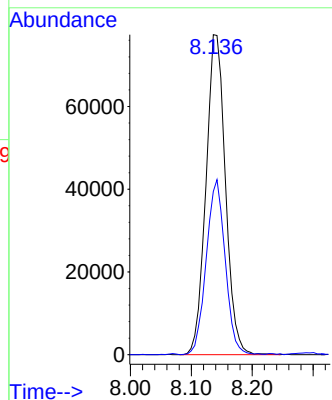
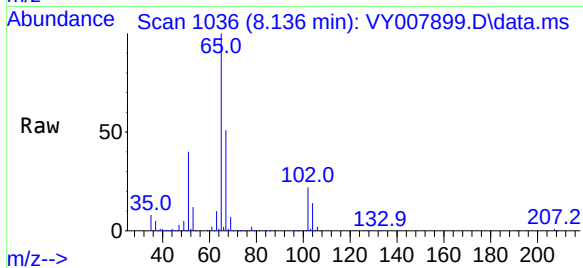
CG-B3-030722-0-1

Tgt Ion: 65 Resp: 171939

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007899.D

Acq: 18 Mar 2022 14:00

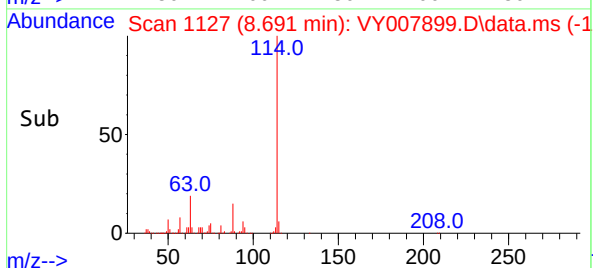
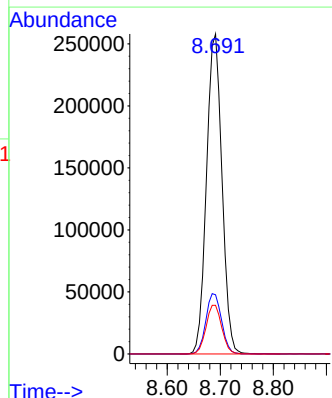
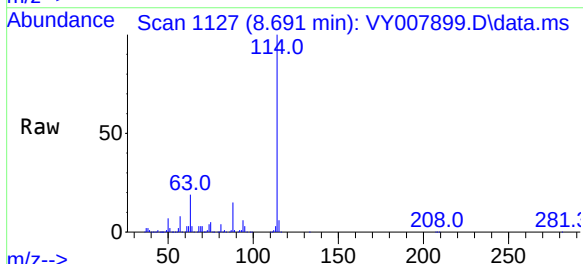
Tgt Ion:114 Resp: 522144

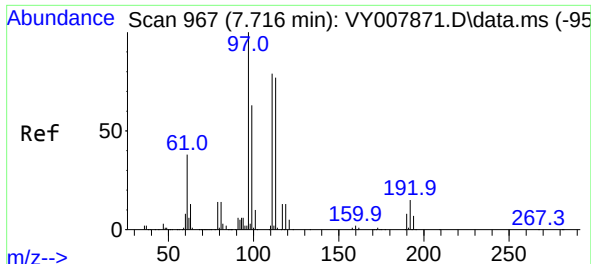
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.2 0.0 31.8

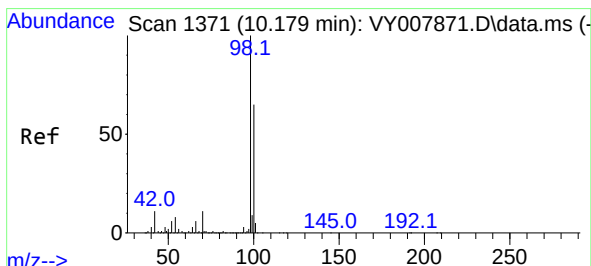
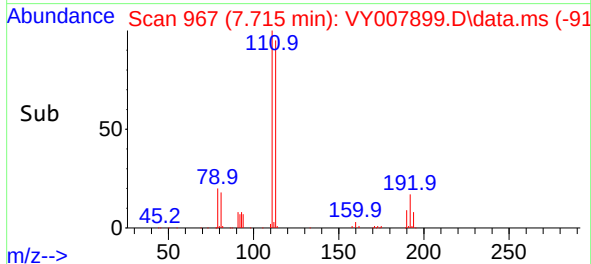
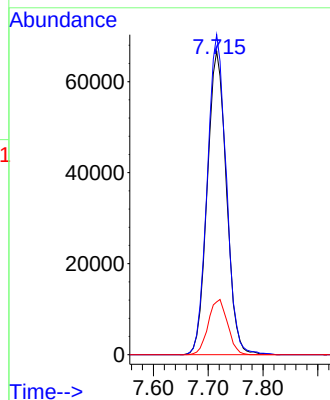
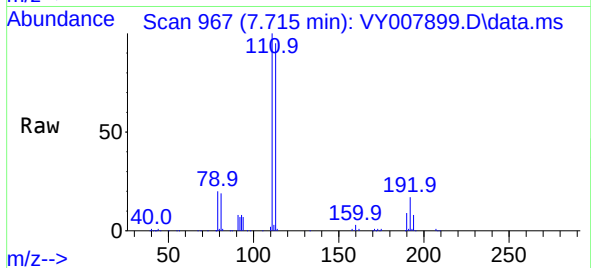




#35
Dibromofluoromethane
Concen: 44.023 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007899.D
Acq: 18 Mar 2022 14:00

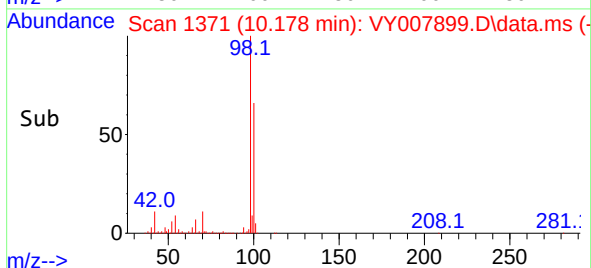
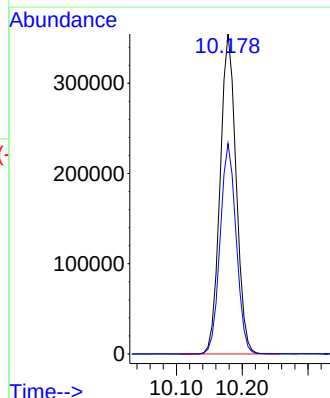
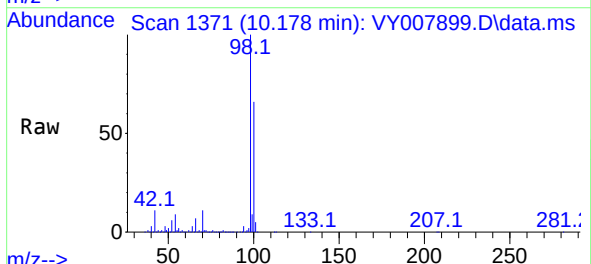
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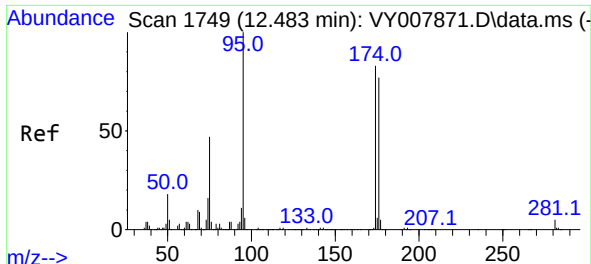
Tgt Ion:113 Resp: 161430
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 18.3 17.6 26.4



#50
Toluene-d8
Concen: 54.900 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007899.D
Acq: 18 Mar 2022 14:00

Tgt Ion: 98 Resp: 601388
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

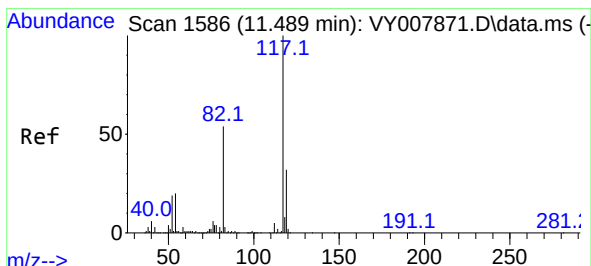
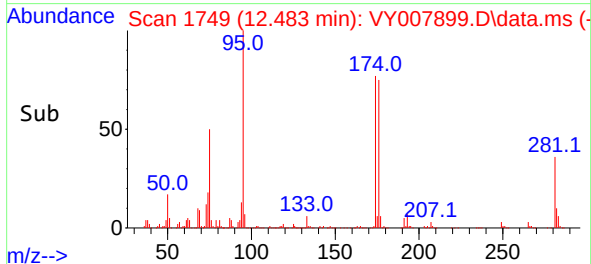
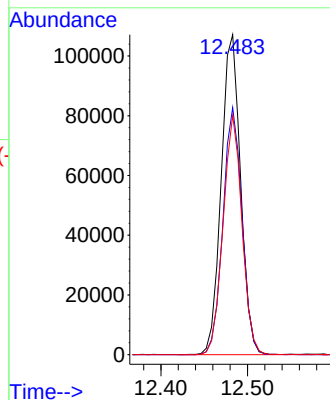
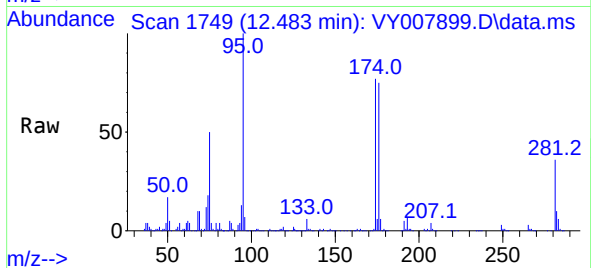




#62
4-Bromofluorobenzene
Concen: 31.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007899.D
Acq: 18 Mar 2022 14:00

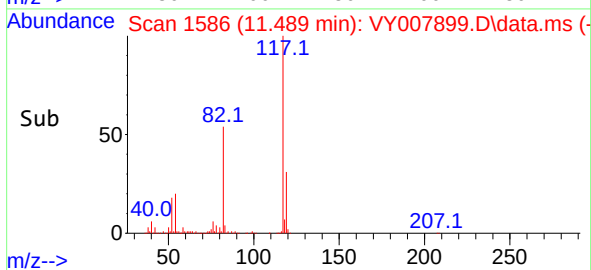
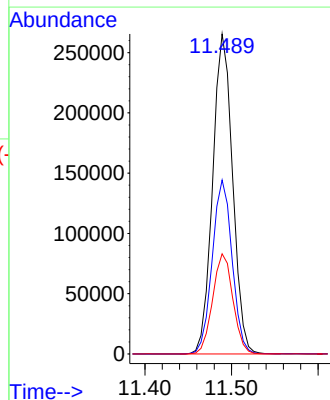
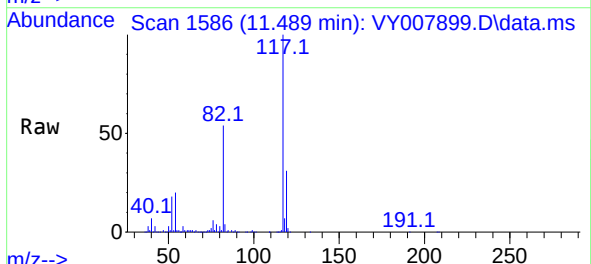
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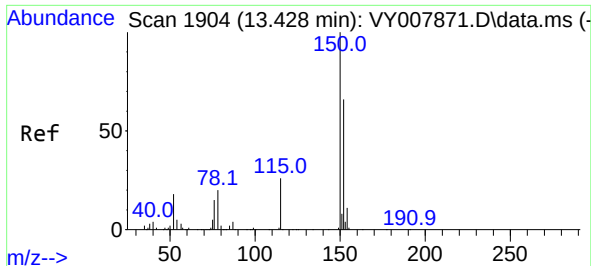
Tgt Ion: 95 Resp: 166191
Ion Ratio Lower Upper
95 100
174 76.1 0.0 177.0
176 73.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007899.D
Acq: 18 Mar 2022 14:00

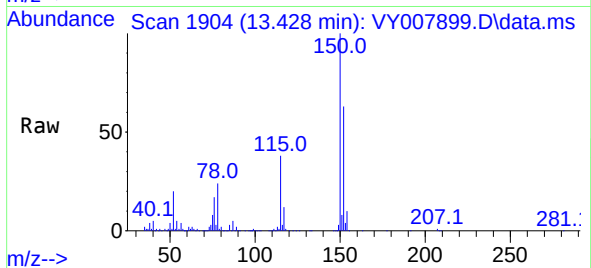
Tgt Ion: 117 Resp: 424793
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007899.D
 Acq: 18 Mar 2022 14:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 CG-B3-030722-0-1



Tgt Ion:152 Resp: 115790
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.2 84.7
 150 157.5 0.0 347.6

