

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012003.D
 Acq On : 23 Dec 2022 17:22
 Operator : KP/MD
 Sample : N6205-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-122322

Quant Time: Dec 23 22:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

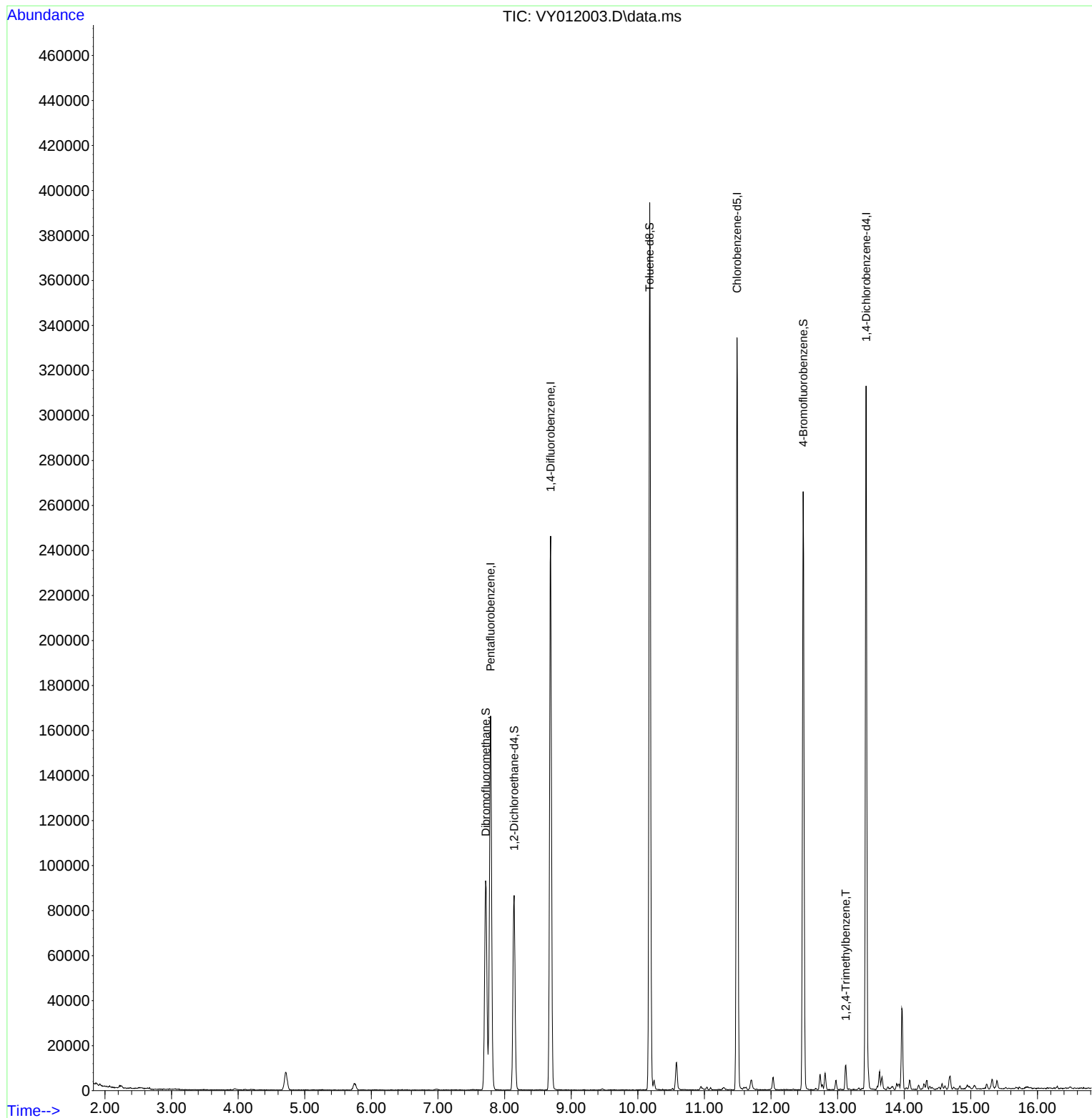
Internal Standards						
1) Pentafluorobenzene	7.789	168	128408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70270	54.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.715	113	65769	51.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.178	98	255287	48.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.483	95	74530	42.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.740%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	6487	1.284	ug/l	Qvalue 99

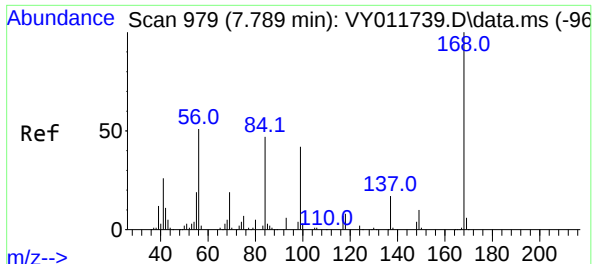
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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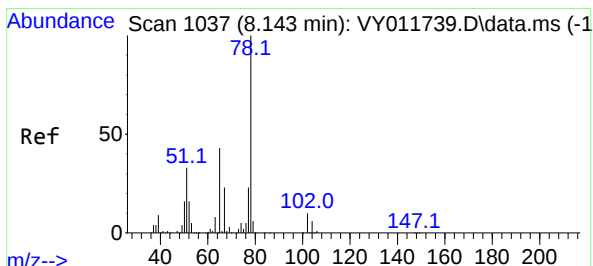
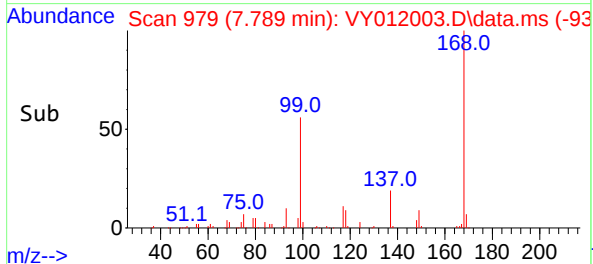
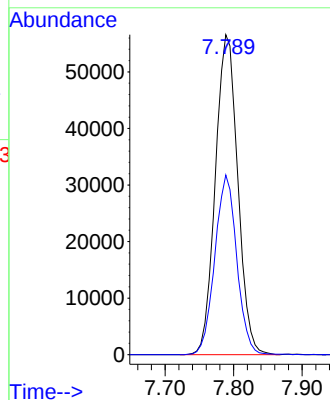
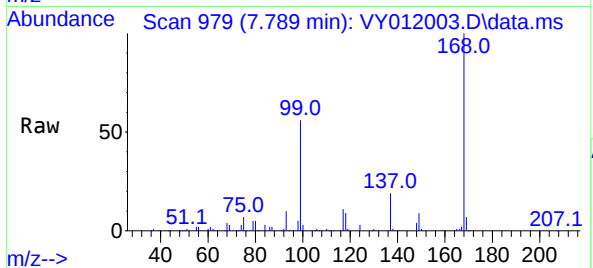




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

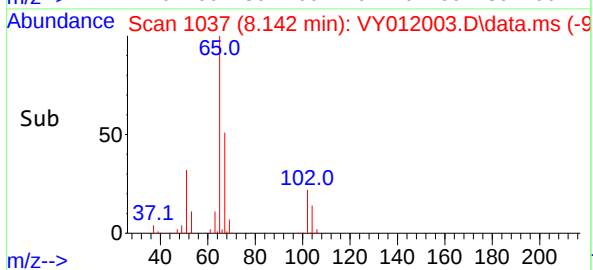
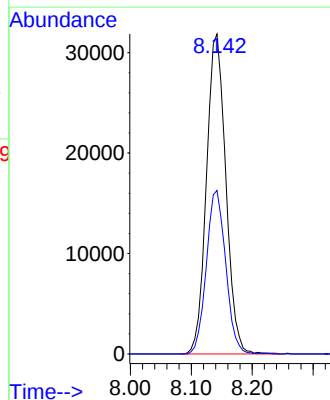
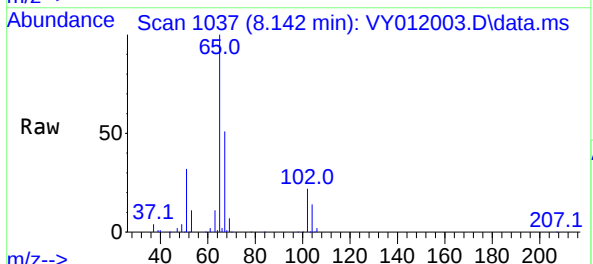
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-122322

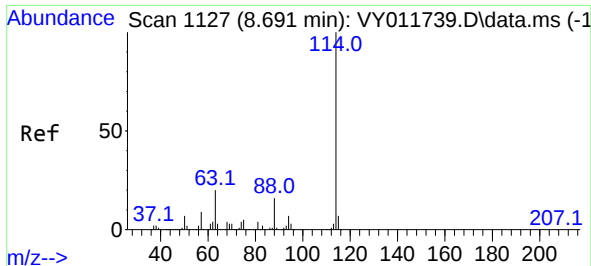
Tgt Ion:168 Resp: 128408
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 54.318 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion: 65 Resp: 70270
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012003.D

Acq: 23 Dec 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-122322

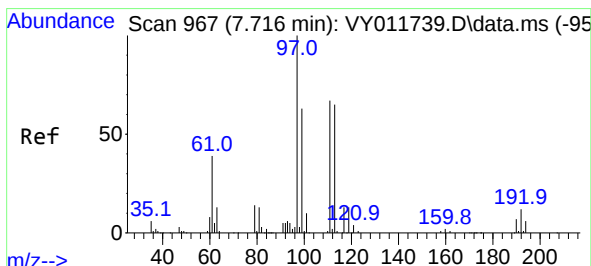
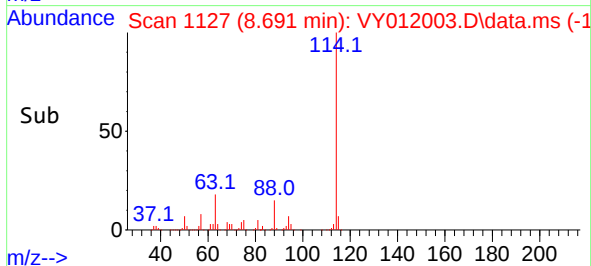
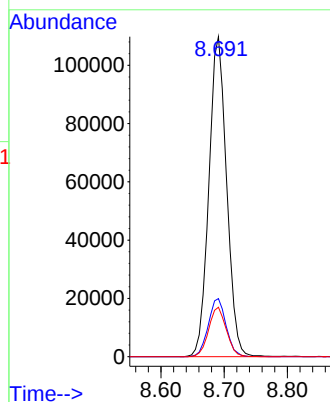
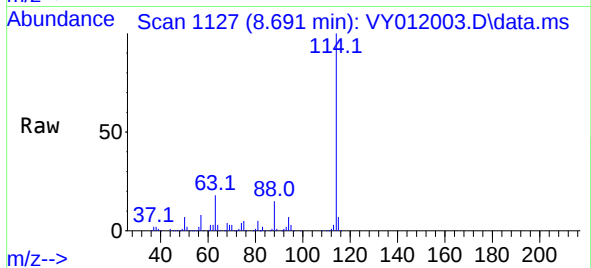
Tgt Ion:114 Resp: 214145

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.015 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012003.D

Acq: 23 Dec 2022 17:22

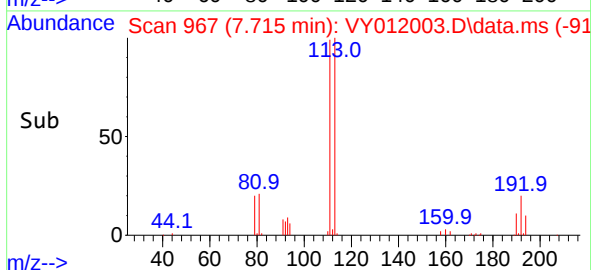
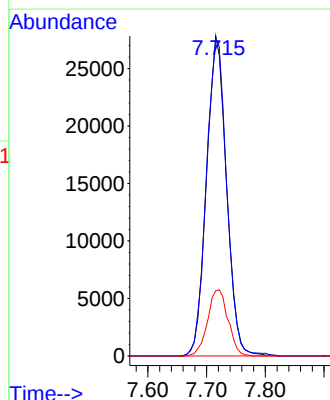
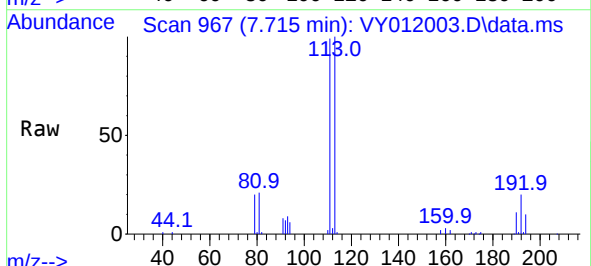
Tgt Ion:113 Resp: 65769

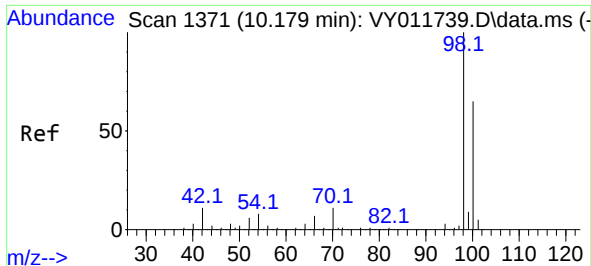
Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

192 21.1 16.0 24.0

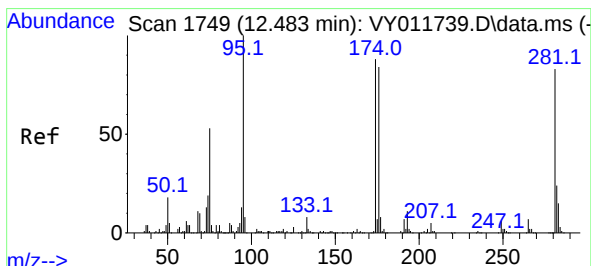
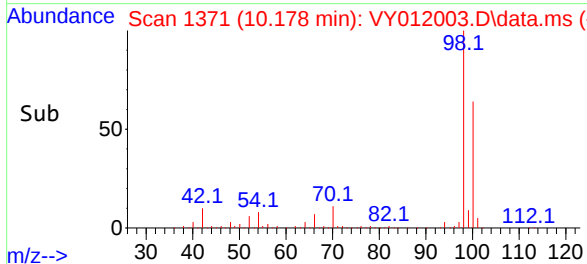
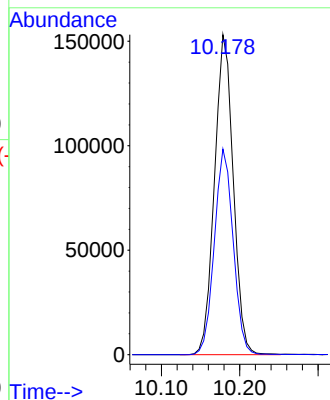
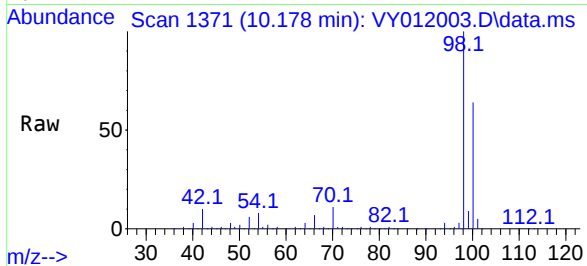




#50
Toluene-d8
Concen: 48.806 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

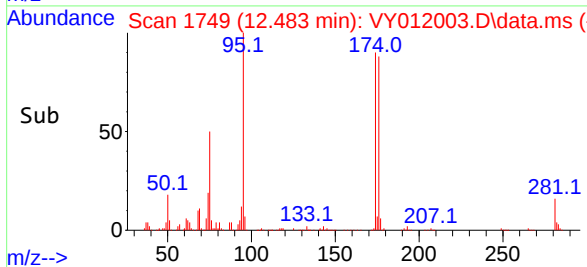
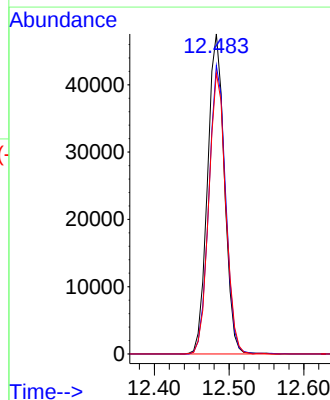
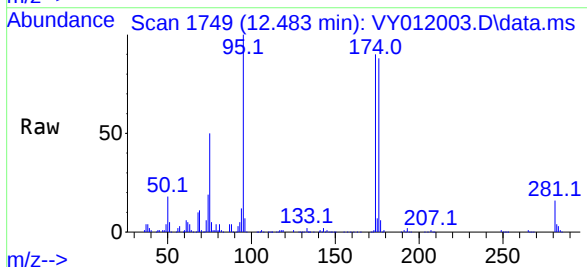
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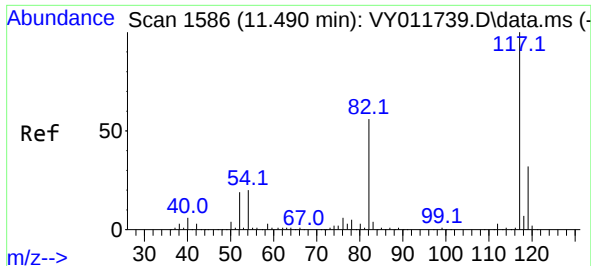
Tgt Ion: 98 Resp: 255287
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.366 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion: 95 Resp: 74530
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 87.6 0.0 167.6

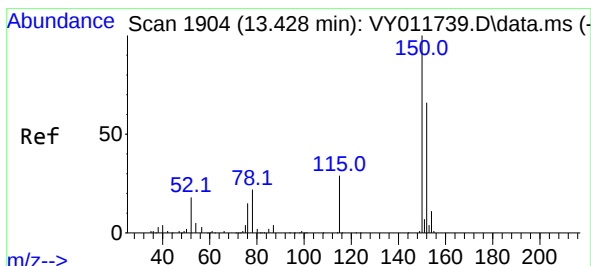
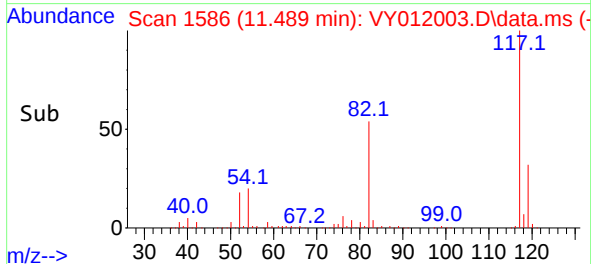
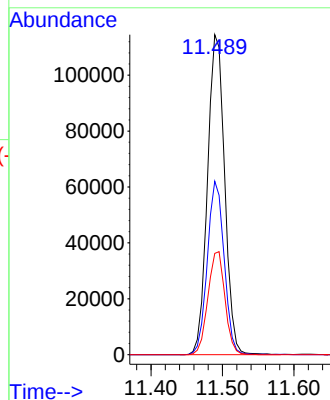
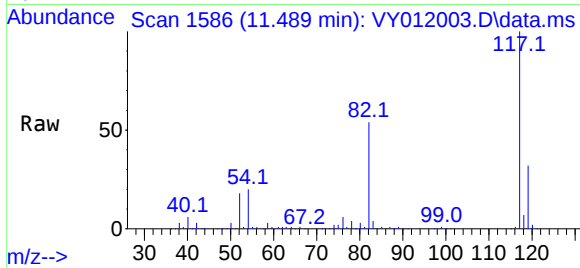




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

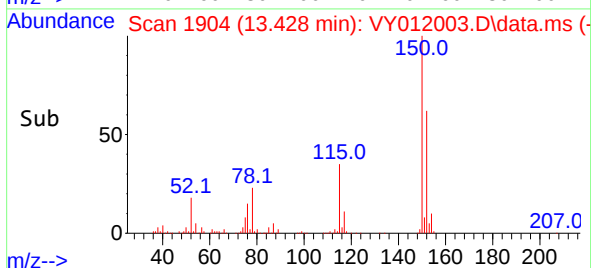
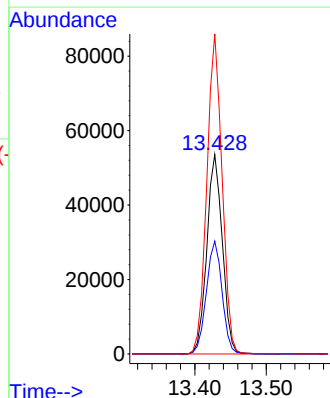
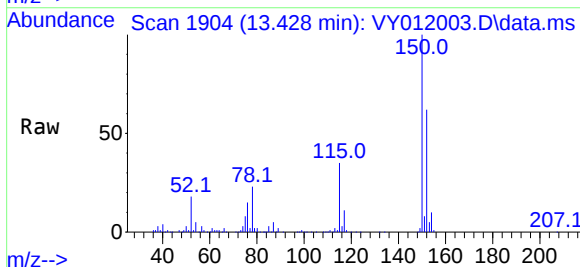
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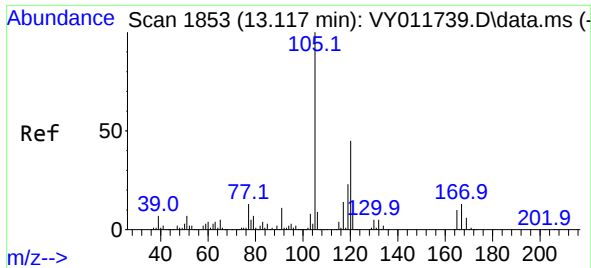
Tgt Ion:117 Resp: 190845
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion:152 Resp: 80819
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 157.5 0.0 342.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.284 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY012003.D
 Acq: 23 Dec 2022 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-122322

Tgt Ion:105 Resp: 6487
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.7

