

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012738.D
 Acq On : 27 Feb 2023 16:51
 Operator : KP/MD
 Sample : 01726-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-022723

Quant Time: Feb 28 00:23:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

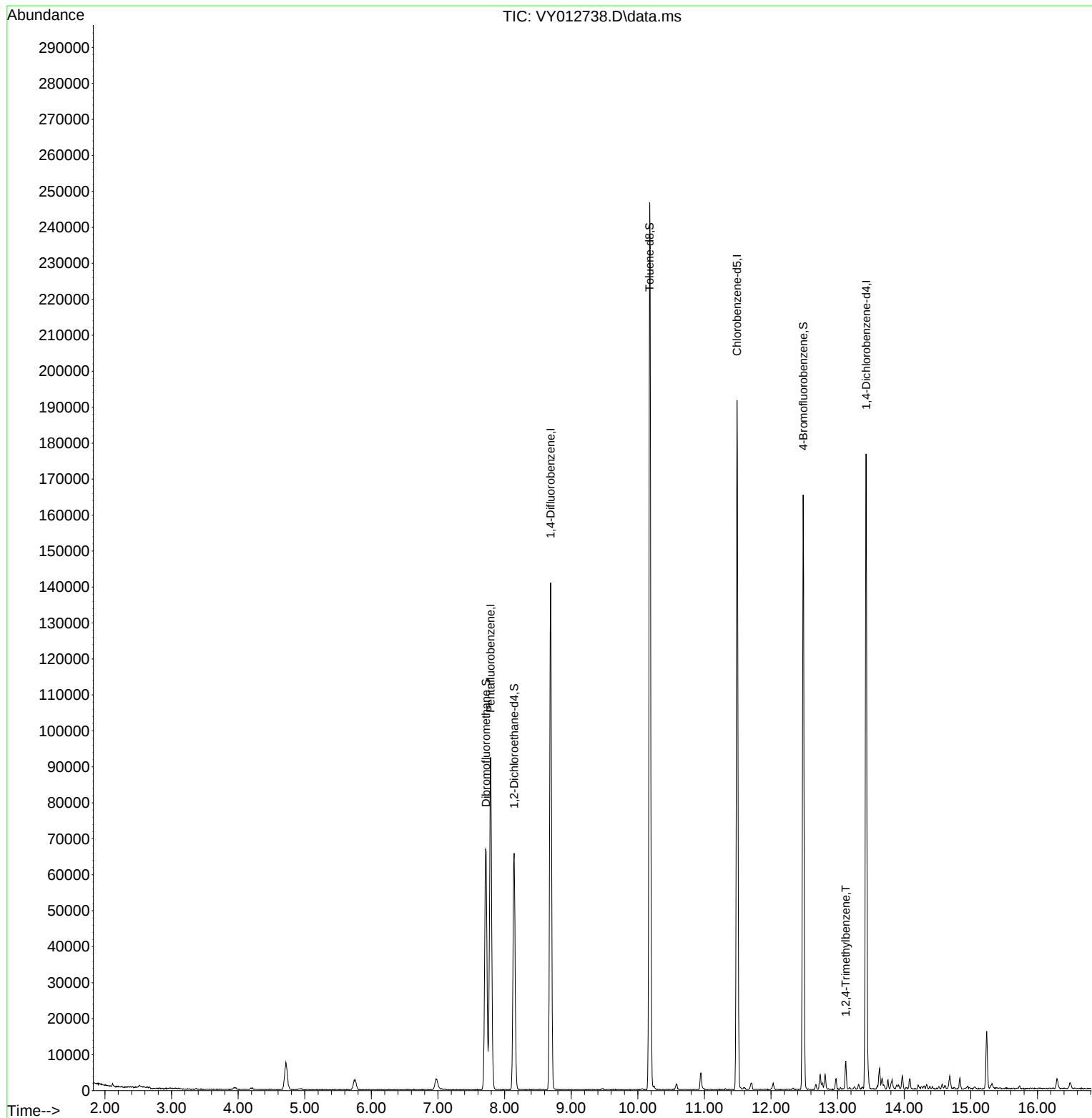
Internal Standards						
1) Pentafluorobenzene	7.789	168	70629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50699	60.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.722	113	47555	60.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.180%	
50) Toluene-d8	10.179	98	160516	54.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.483	95	47388	49.947	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.900%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	4036	1.494	ug/l	Qvalue 100

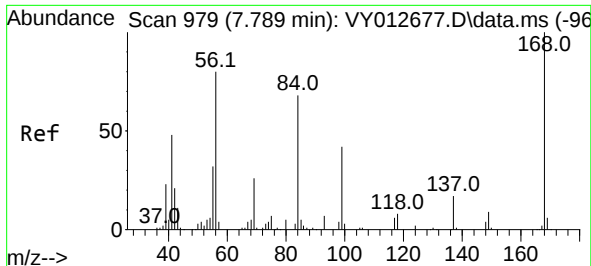
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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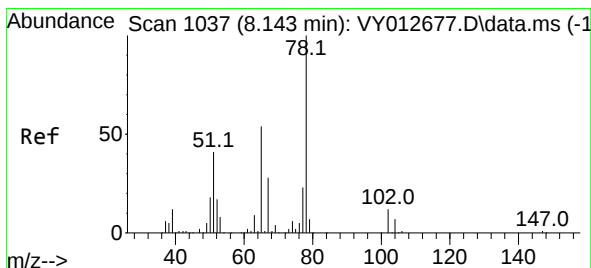
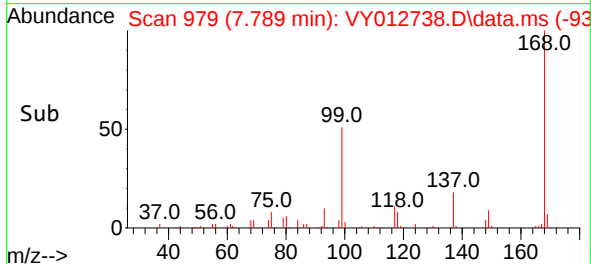
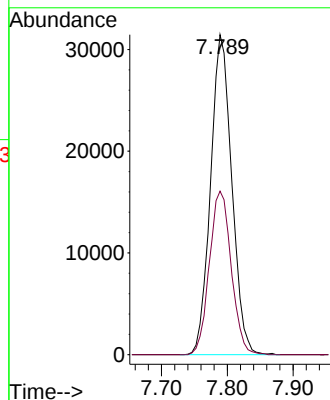
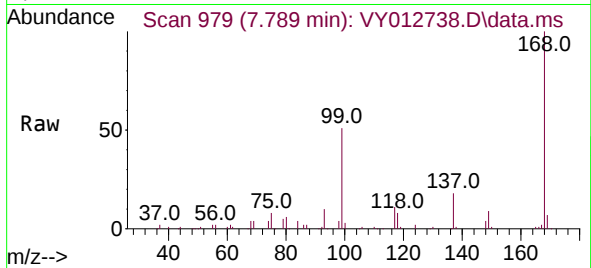




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

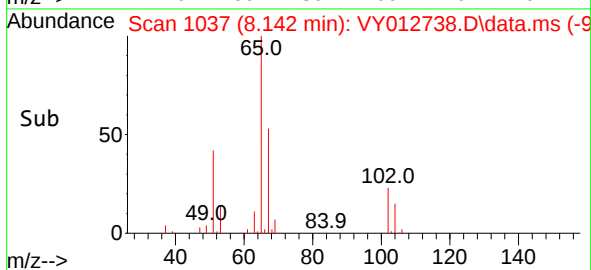
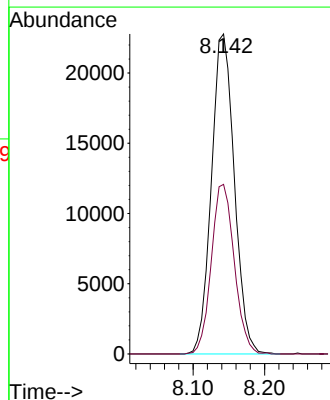
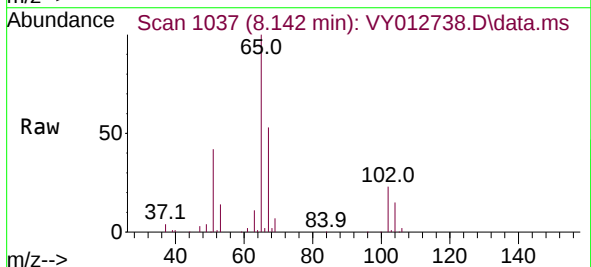
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-022723

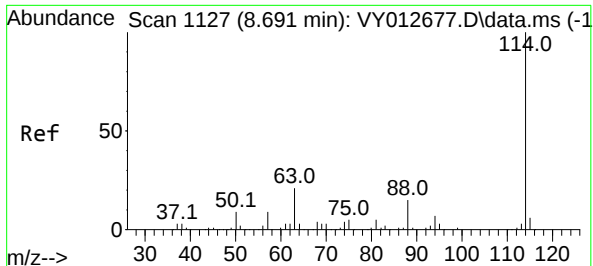
Tgt Ion:168 Resp: 70629
Ion Ratio Lower Upper
168 100
99 51.1 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 60.778 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 65 Resp: 50699
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012738.D

Acq: 27 Feb 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-022723

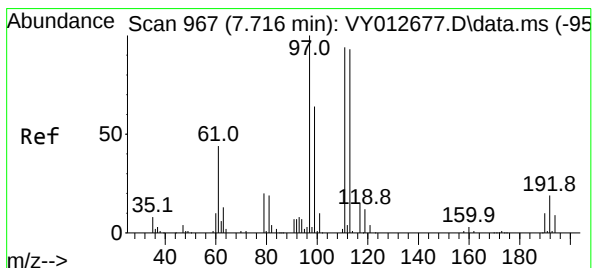
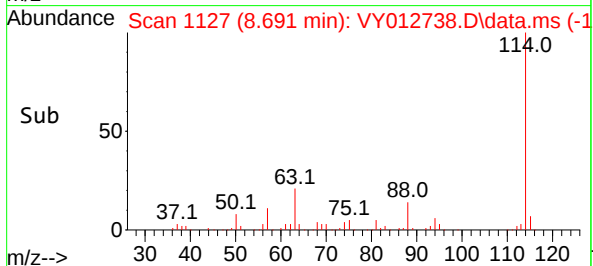
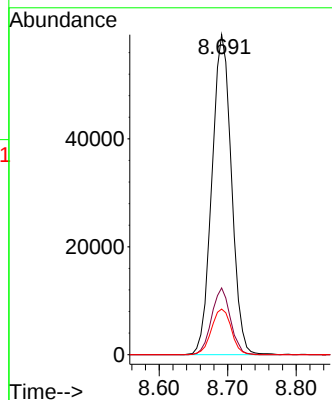
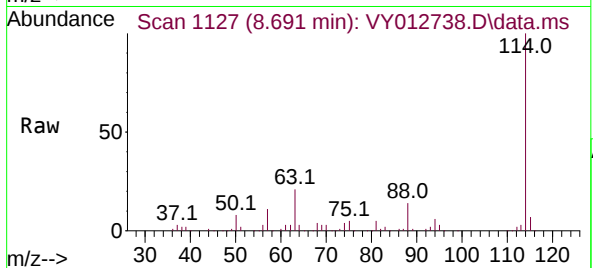
Tgt Ion:114 Resp: 117165

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 14.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 60.092 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012738.D

Acq: 27 Feb 2023 16:51

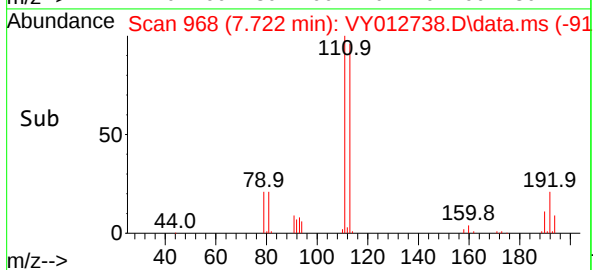
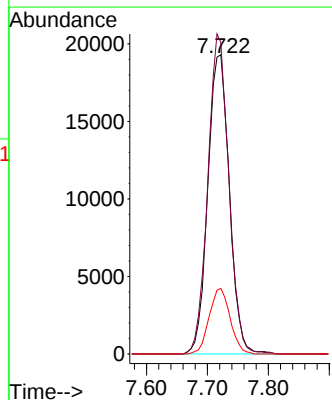
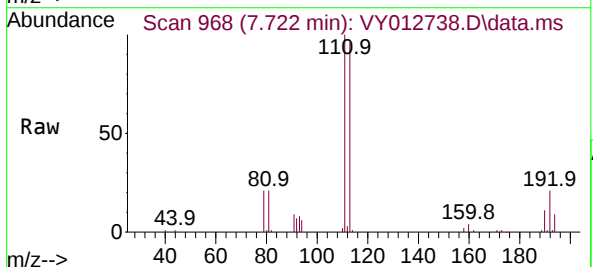
Tgt Ion:113 Resp: 47555

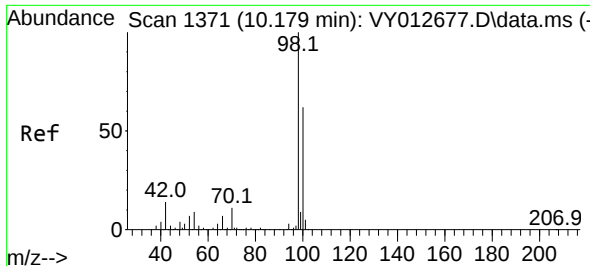
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 21.2 16.2 24.2

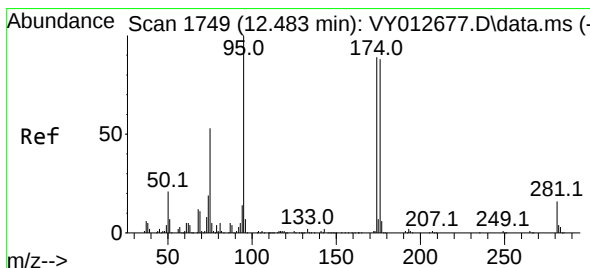
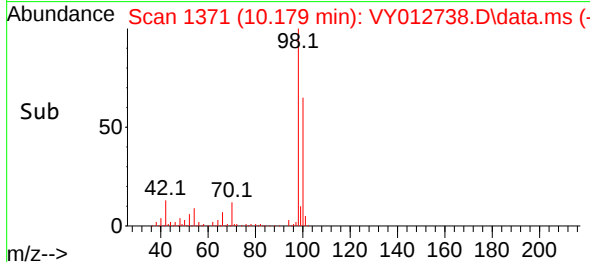
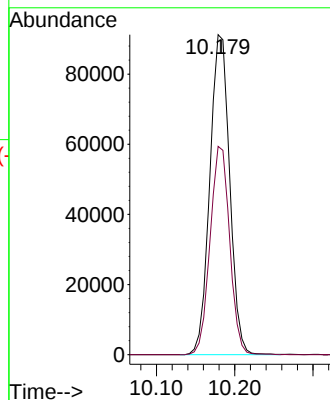
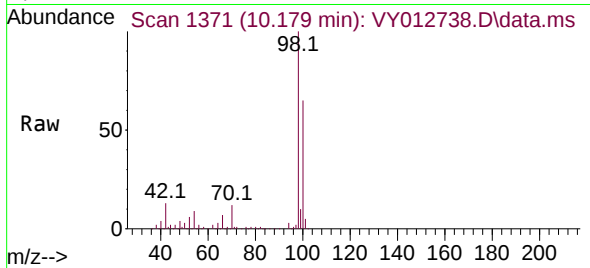




#50
Toluene-d8
Concen: 54.140 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

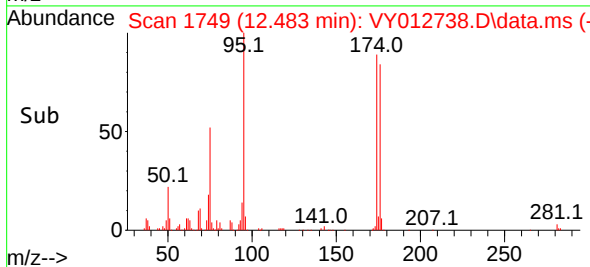
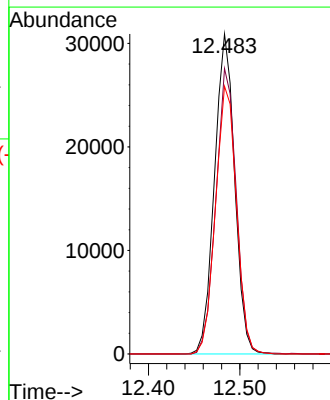
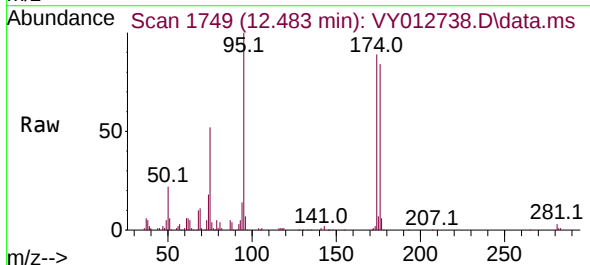
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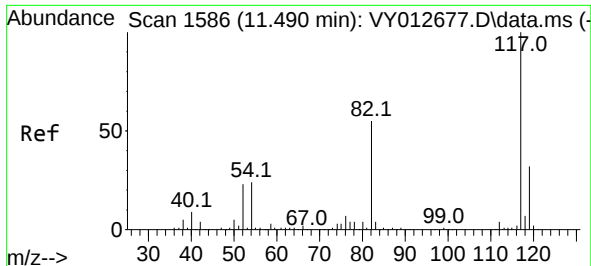
Tgt Ion: 98 Resp: 160516
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 49.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion: 95 Resp: 47388
Ion Ratio Lower Upper
95 100
174 90.1 0.0 172.8
176 87.0 0.0 169.4

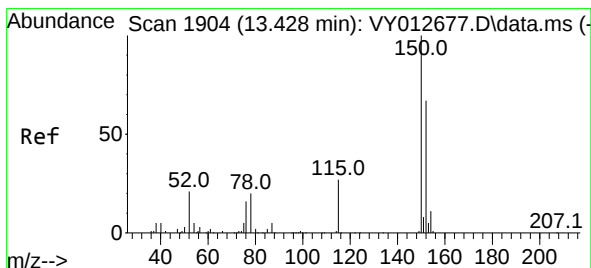
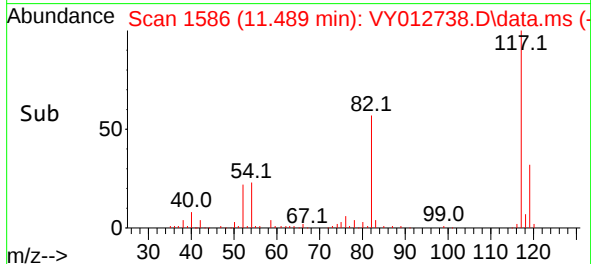
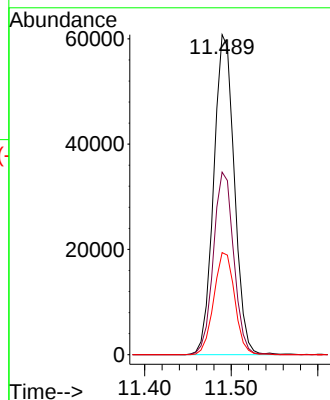
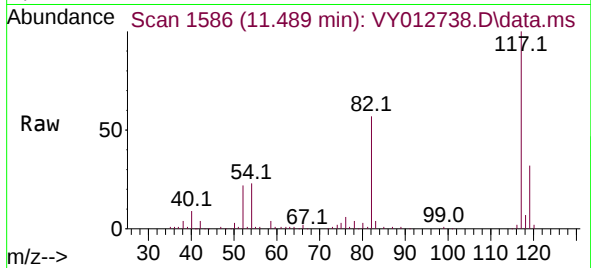




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

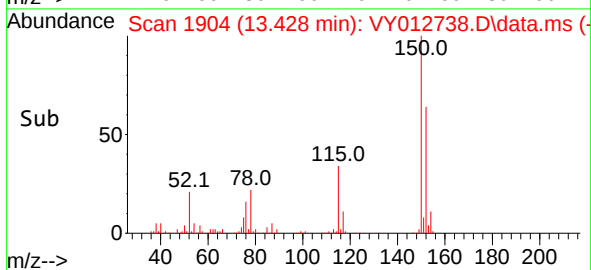
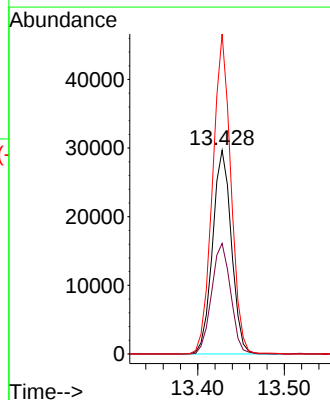
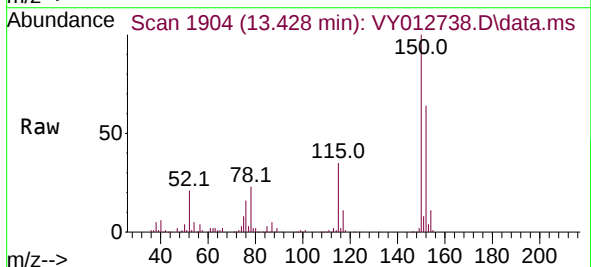
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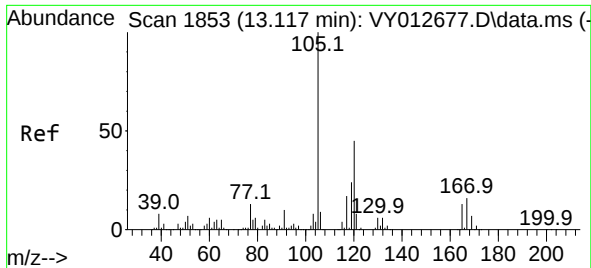
Tgt Ion:117 Resp: 100607
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012738.D
Acq: 27 Feb 2023 16:51

Tgt Ion:152 Resp: 44772
Ion Ratio Lower Upper
152 100
115 54.9 28.7 86.3
150 152.9 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.494 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY012738.D
 Acq: 27 Feb 2023 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-022723

Tgt Ion:105 Resp: 4036
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.0

