

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015657.D
 Acq On : 20 Sep 2023 14:32
 Operator : SY/MD
 Sample : 04501-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Sep 21 03:41:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

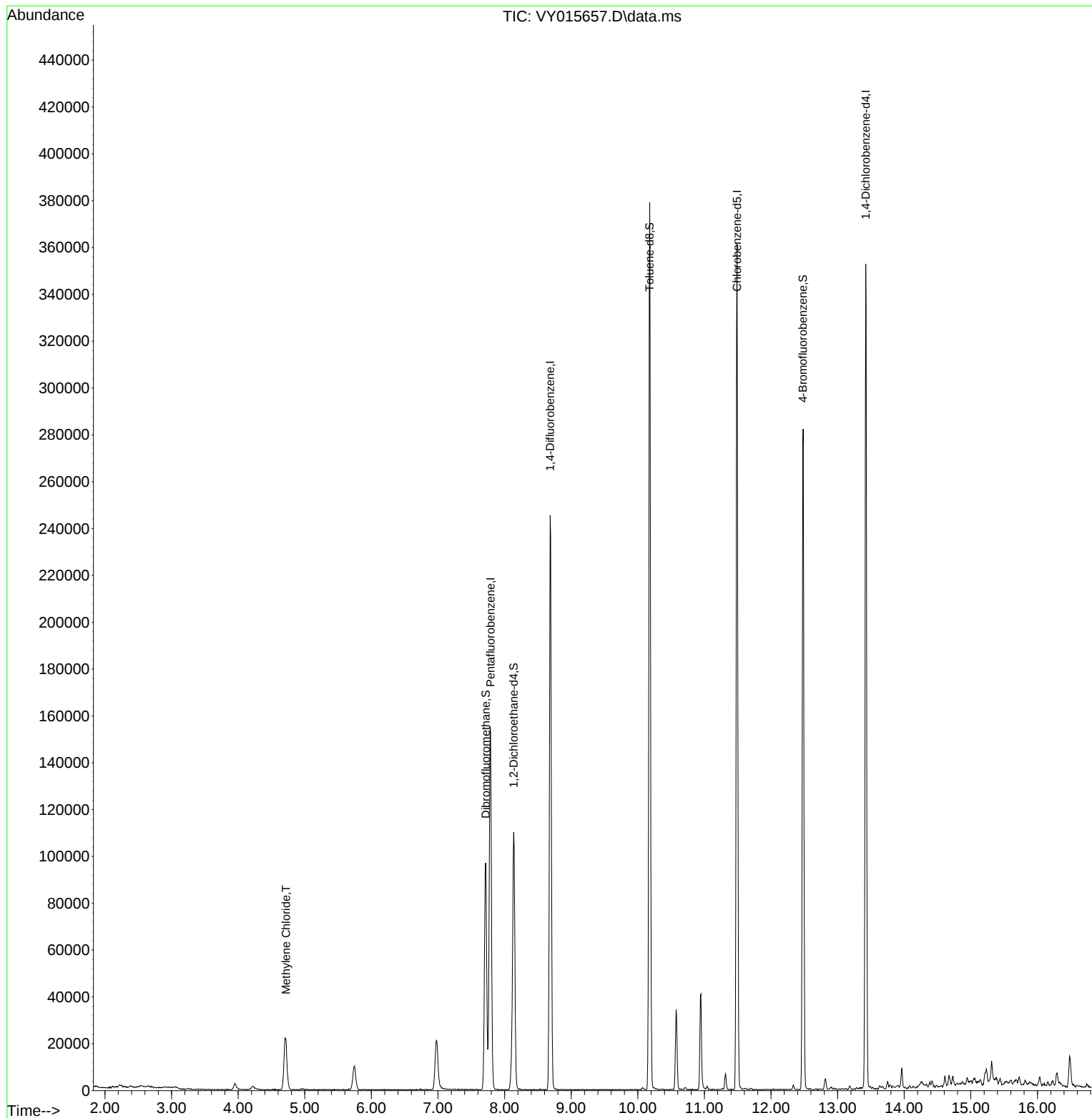
Internal Standards						
1) Pentafluorobenzene	7.789	168	122411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81971	60.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.720%	
35) Dibromofluoromethane	7.715	113	68694	54.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.680%	
50) Toluene-d8	10.178	98	247253	58.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.440%	
62) 4-Bromofluorobenzene	12.477	95	83787	50.273	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.540%	
Target Compounds						
20) Methylene Chloride	4.716	84	17362	6.819	ug/l	Qvalue 91

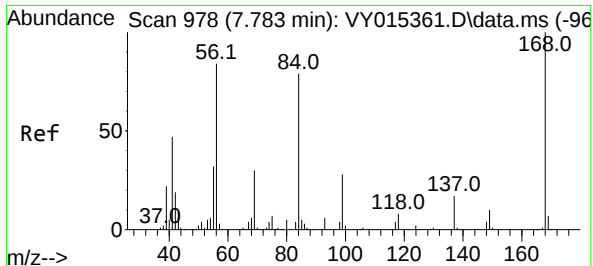
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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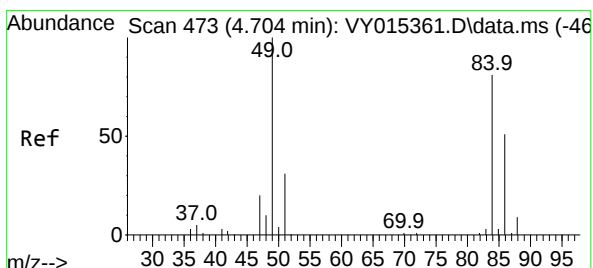
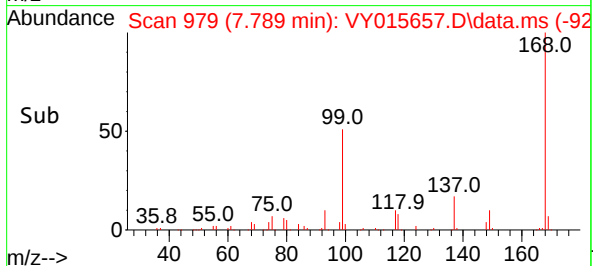
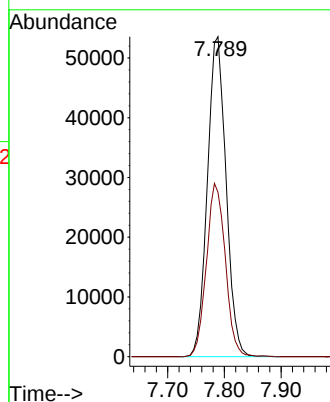
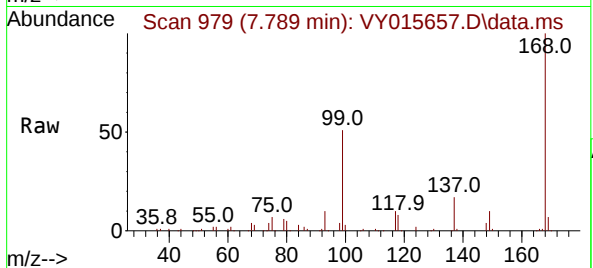




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015657.D
Acq: 20 Sep 2023 14:32

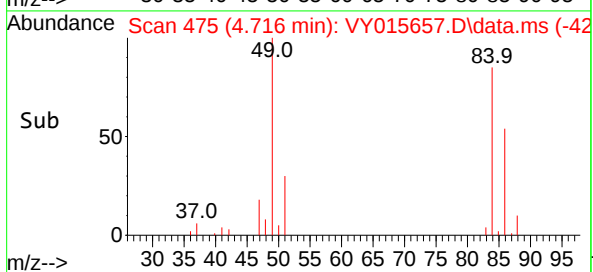
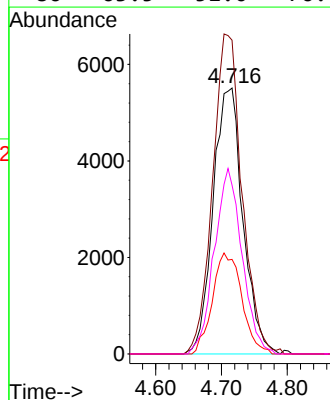
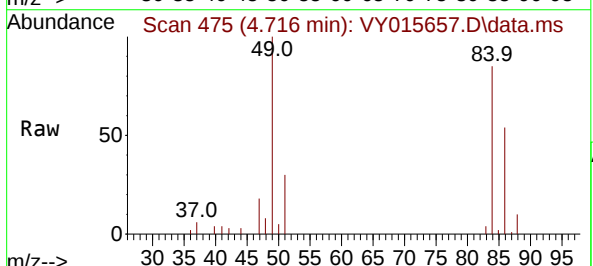
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

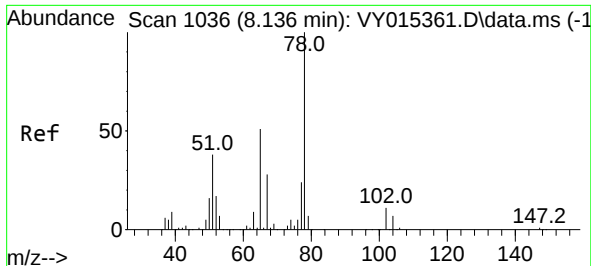
Tgt Ion:168 Resp: 122411
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#20
Methylene Chloride
Concen: 6.819 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015657.D
Acq: 20 Sep 2023 14:32

Tgt Ion: 84 Resp: 17362
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 35.6 33.2 49.8
86 63.5 51.0 76.6

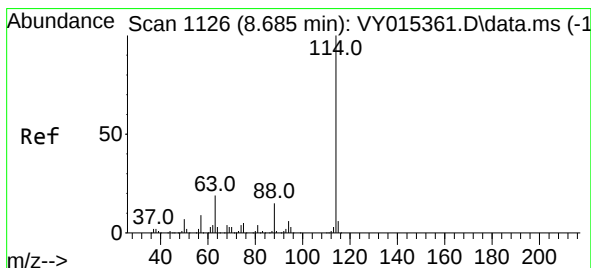
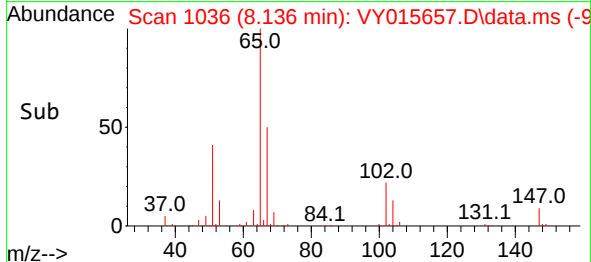
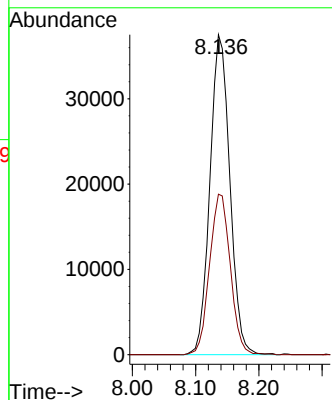
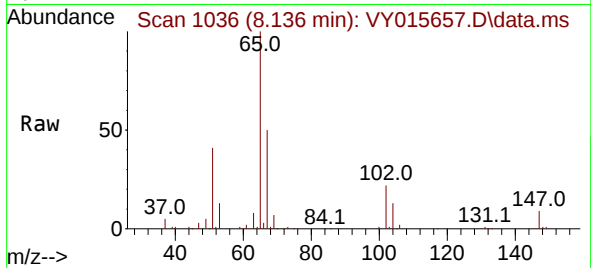




#33
 1,2-Dichloroethane-d4
 Concen: 60.861 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015657.D
 Acq: 20 Sep 2023 14:32

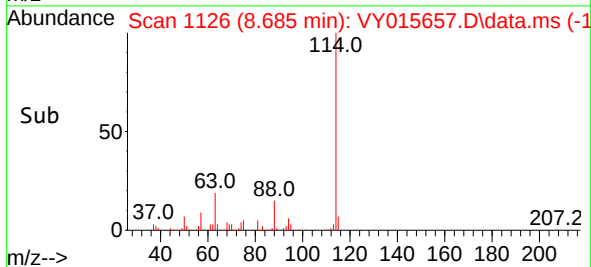
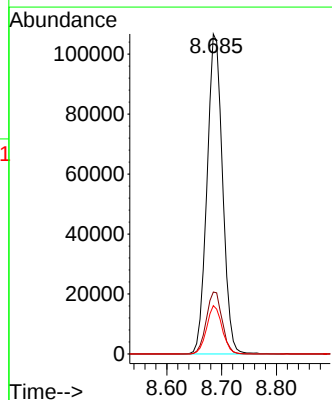
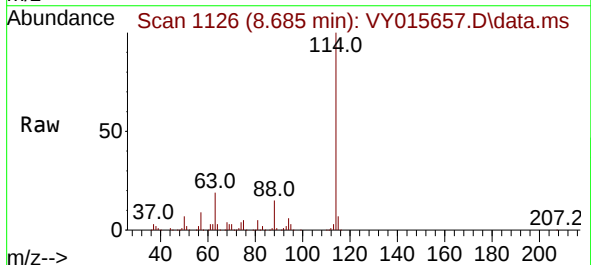
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

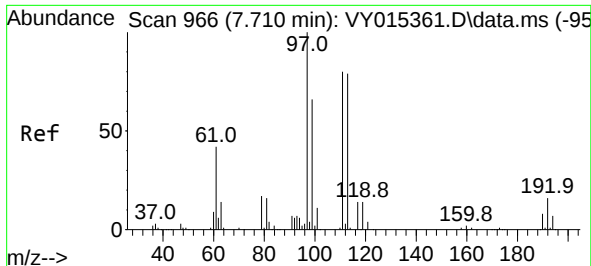
Tgt Ion: 65 Resp: 81971
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015657.D
 Acq: 20 Sep 2023 14:32

Tgt Ion: 114 Resp: 209270
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.1 0.0 30.6

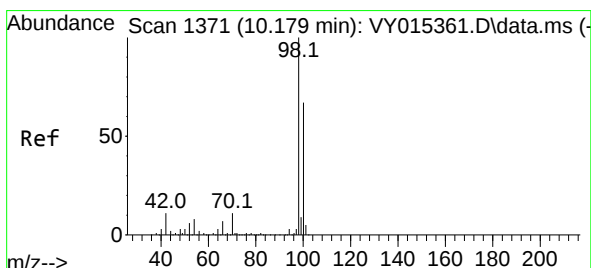
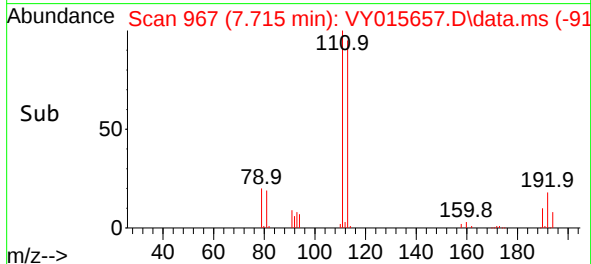
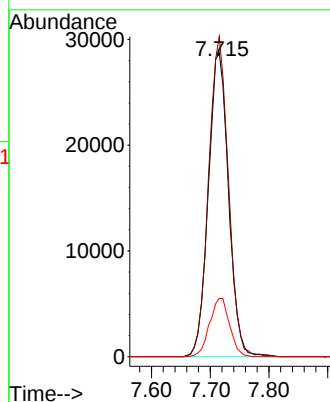
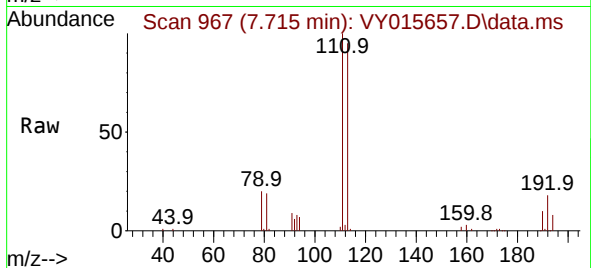




#35
Dibromofluoromethane
Concen: 54.843 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY015657.D
Acq: 20 Sep 2023 14:32

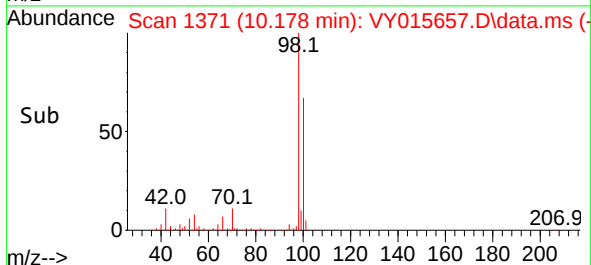
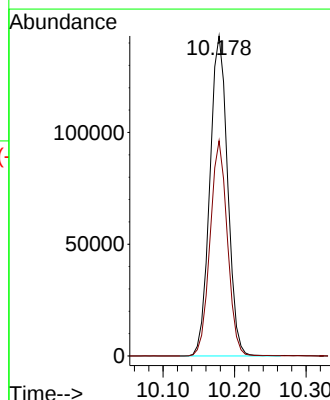
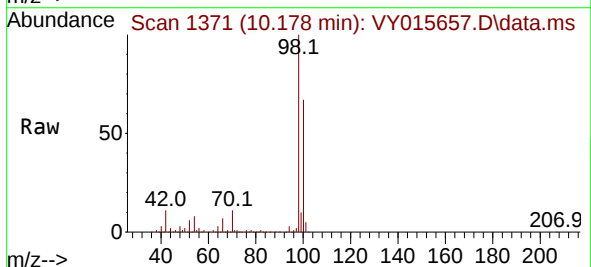
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

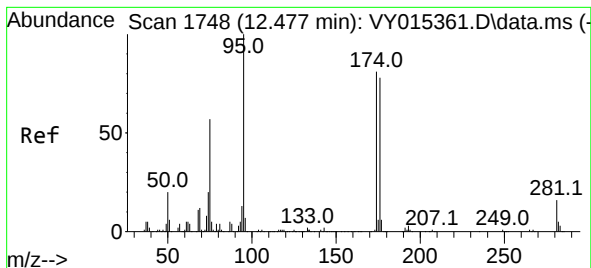
Tgt Ion:113 Resp: 68694
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 58.219 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY015657.D
Acq: 20 Sep 2023 14:32

Tgt Ion: 98 Resp: 247253
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

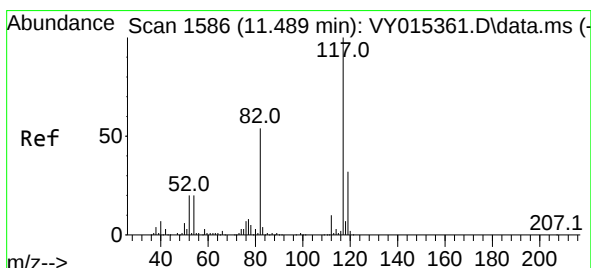
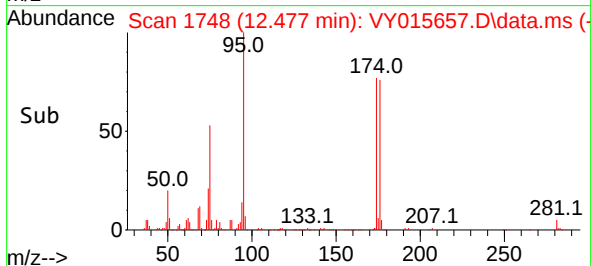
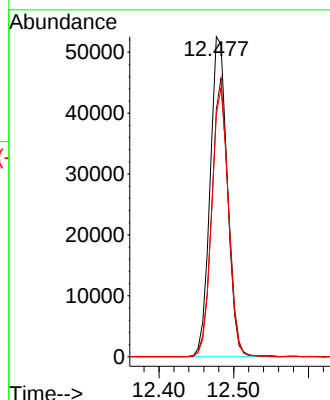
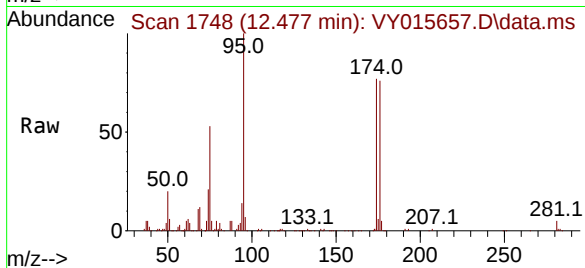




#62
4-Bromofluorobenzene
Concen: 50.273 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015657.D
Acq: 20 Sep 2023 14:32

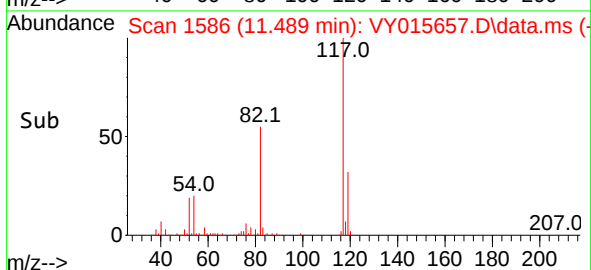
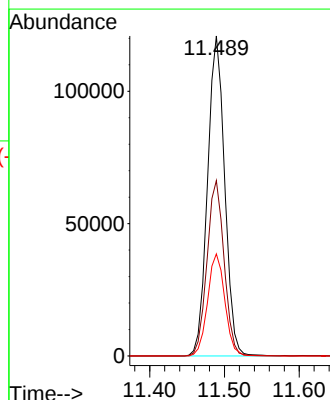
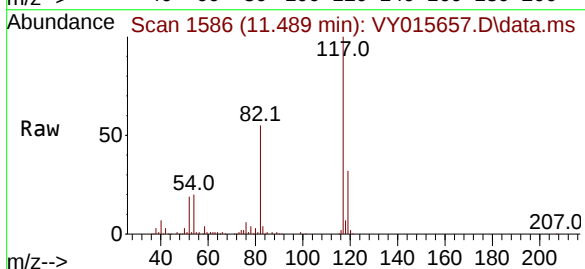
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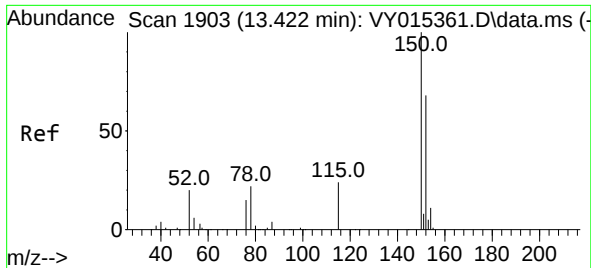
Tgt Ion: 95 Resp: 83787
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015657.D
Acq: 20 Sep 2023 14:32

Tgt Ion: 117 Resp: 192683
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015657.D

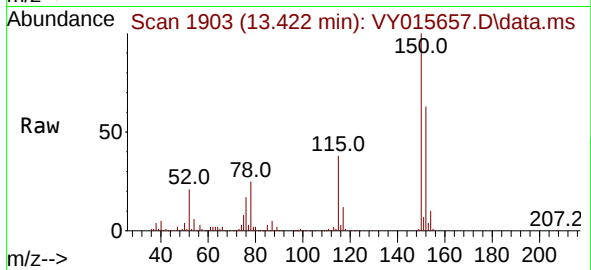
Acq: 20 Sep 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-1



Tgt Ion:152 Resp: 91720

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.8 0.0 348.8

