

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
 Data File : VY015696.D
 Acq On : 25 Sep 2023 10:51
 Operator : SY/MD
 Sample : VY0925SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0925SBL01

Quant Time: Sep 26 04:22:40 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	7.795	168	129314	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	220667	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	201589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92653	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	82372	57.894	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.722	113	72136	54.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.240%
50) Toluene-d8	10.185	98	261761	58.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.900%
62) 4-Bromofluorobenzene	12.489	95	85389	48.588	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.180%

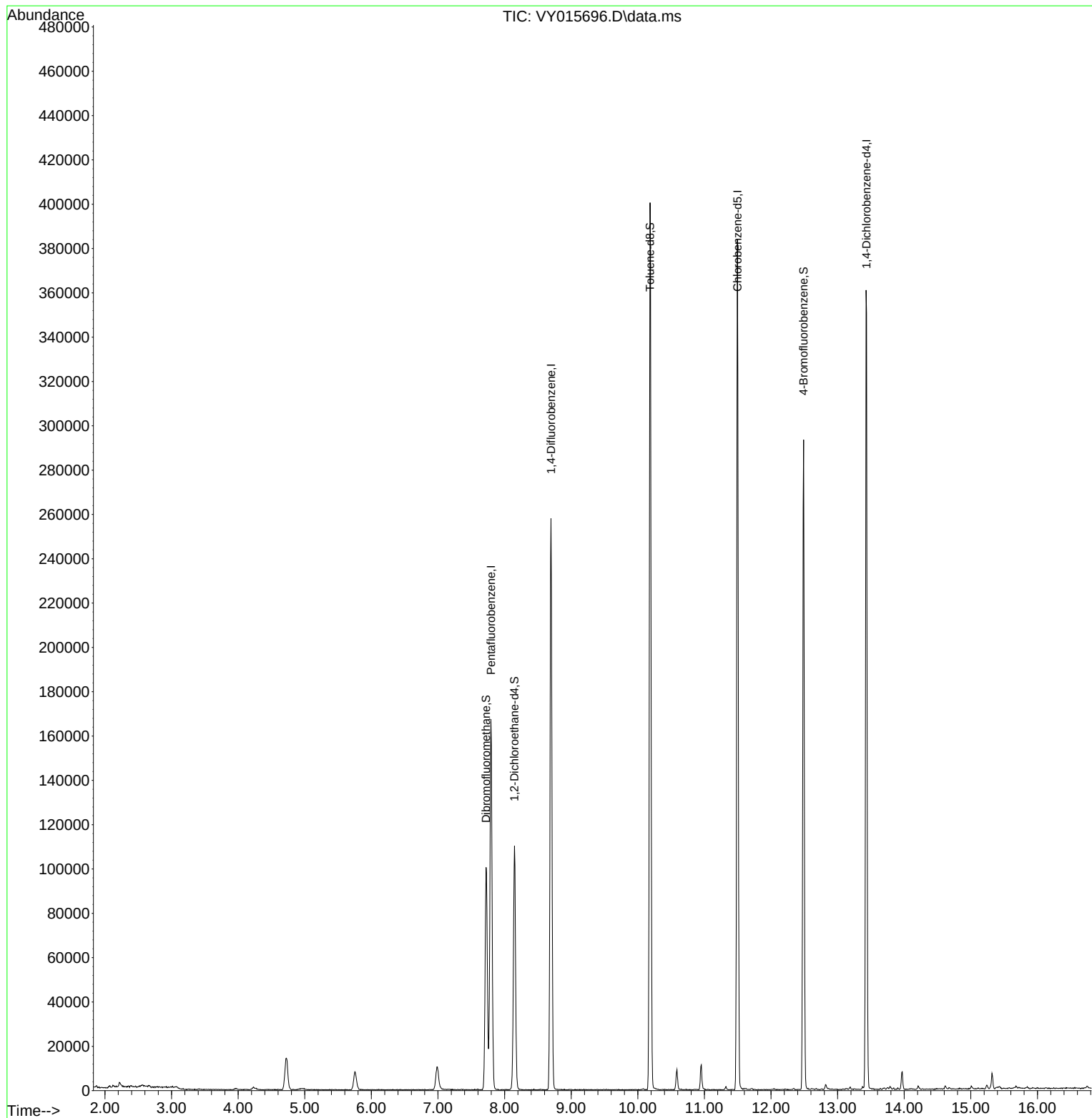
Target Compounds	Qvalue

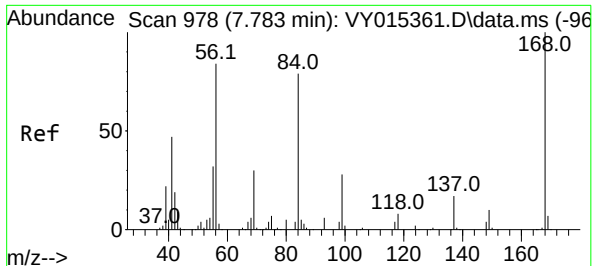
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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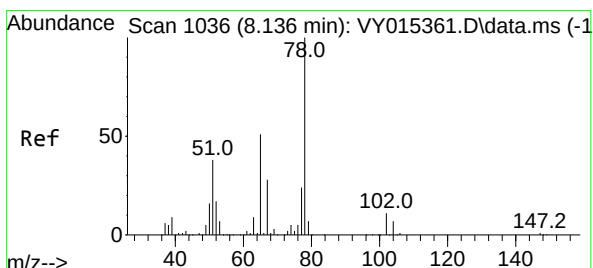
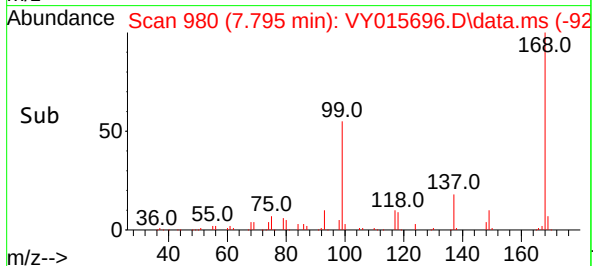
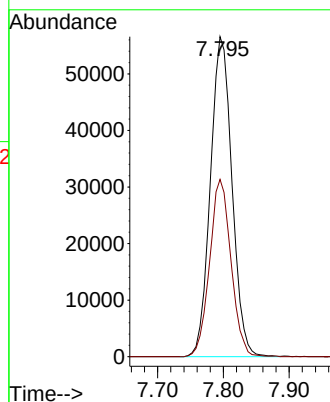
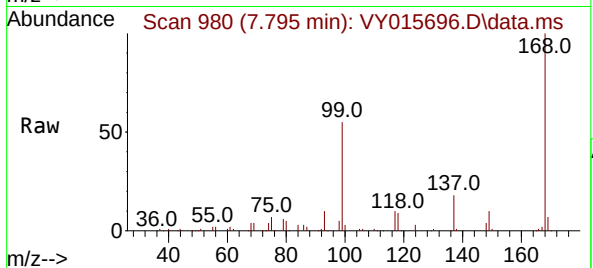




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

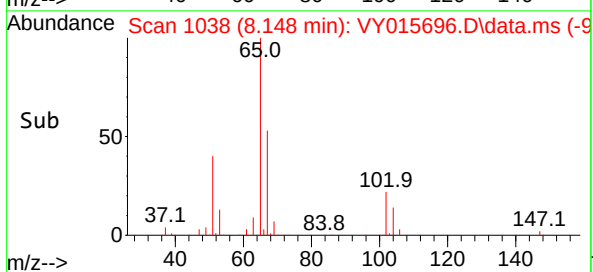
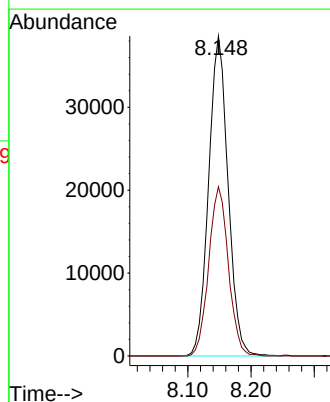
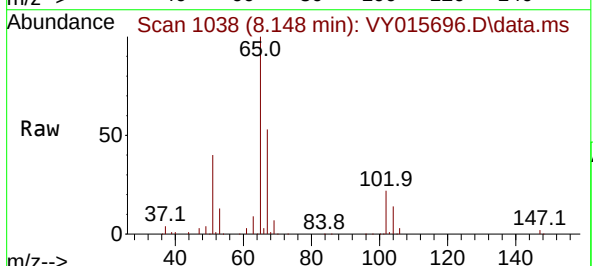
Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

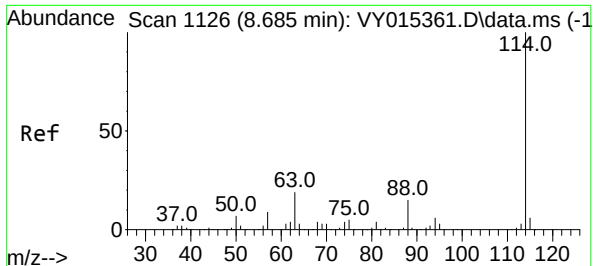
Tgt Ion:168 Resp: 129314
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.894 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Tgt Ion: 65 Resp: 82372
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015696.D

Acq: 25 Sep 2023 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0925SBL01

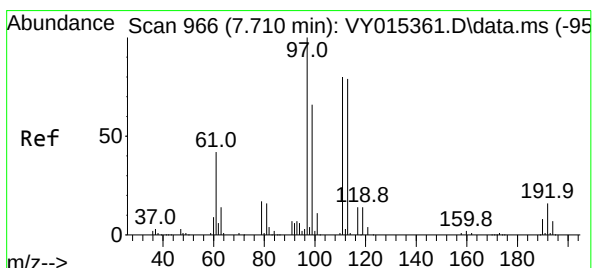
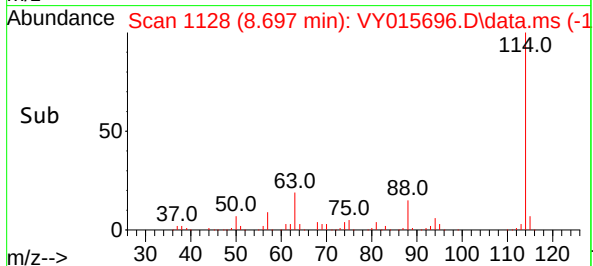
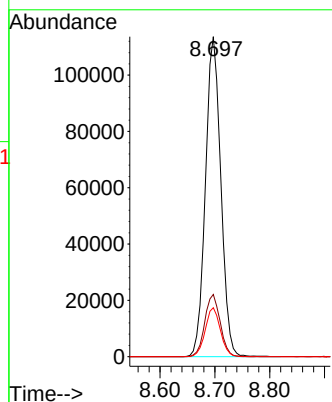
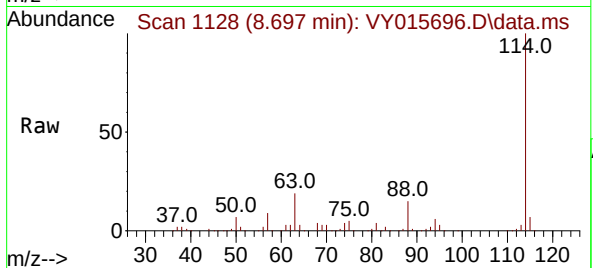
Tgt Ion:114 Resp: 220667

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.617 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015696.D

Acq: 25 Sep 2023 10:51

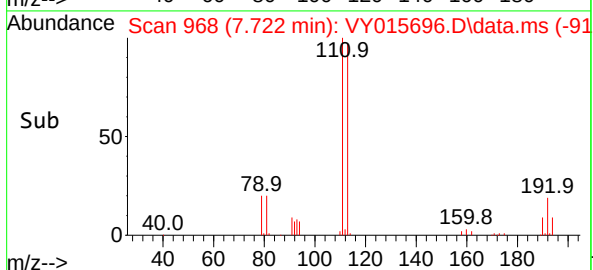
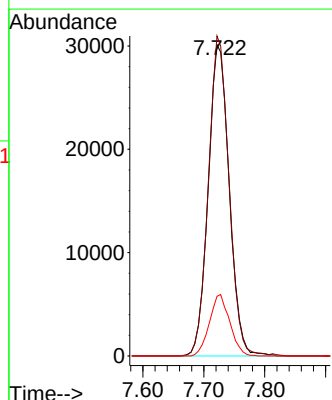
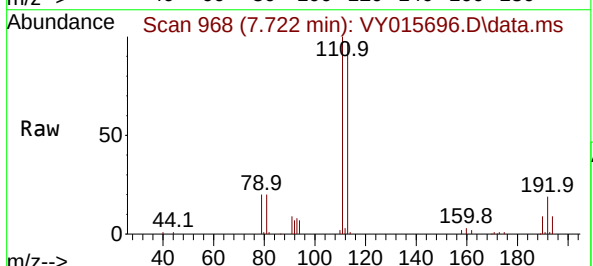
Tgt Ion:113 Resp: 72136

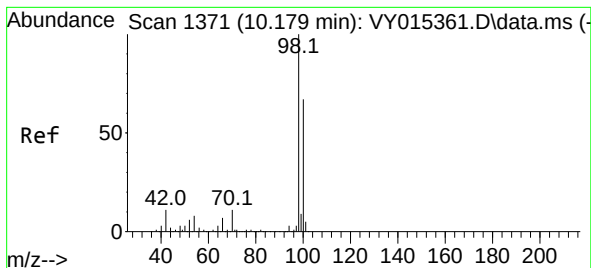
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 19.1 16.9 25.3

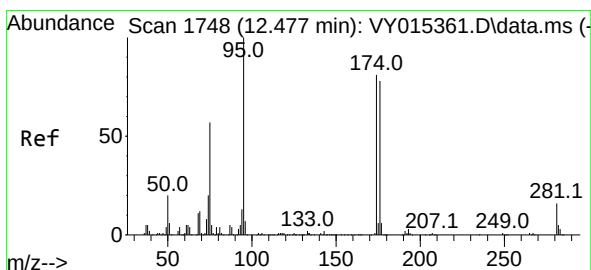
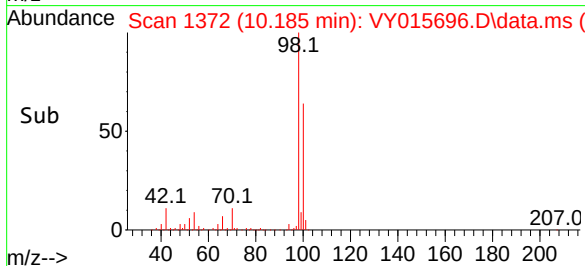
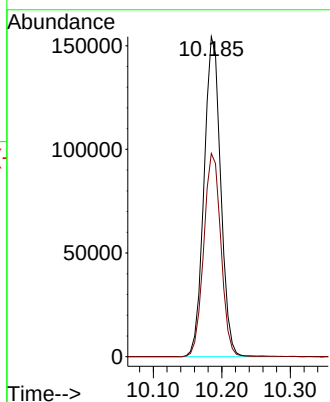
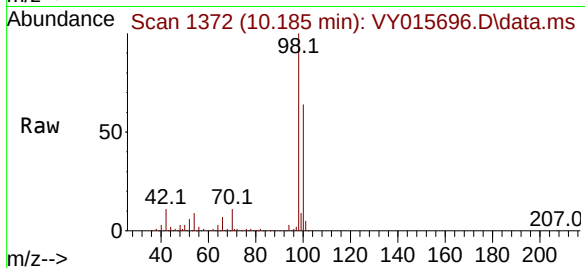




#50
Toluene-d8
Concen: 58.452 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

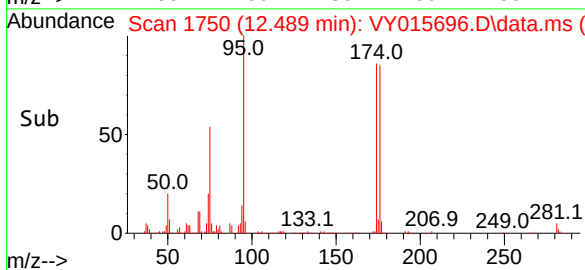
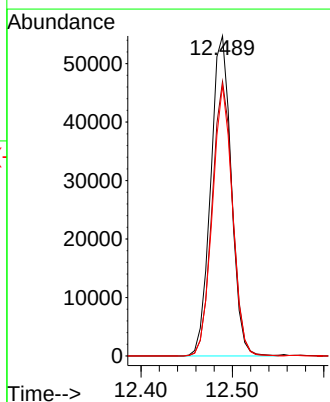
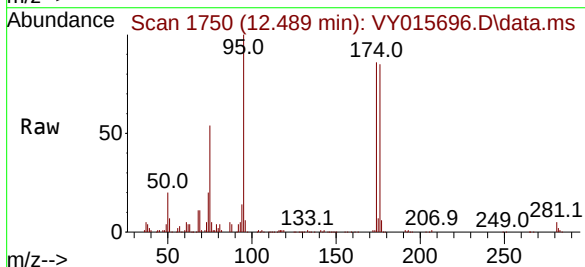
Instrument :
MSVOA_Y
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VY0925SBL01

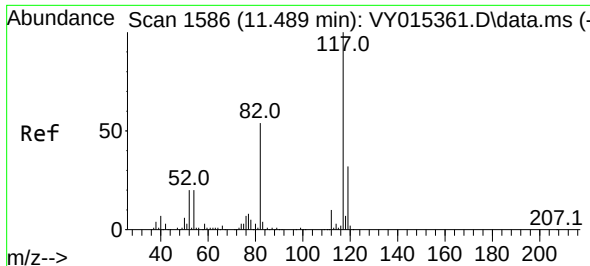
Tgt Ion: 98 Resp: 261761
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Tgt Ion: 95 Resp: 85389
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.4 0.0 173.8

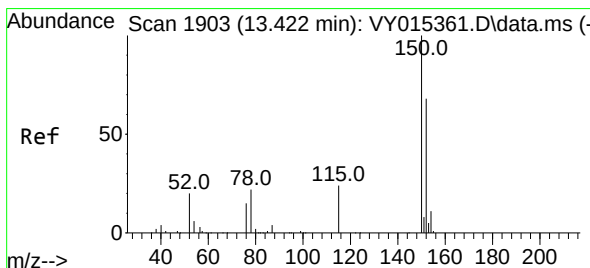
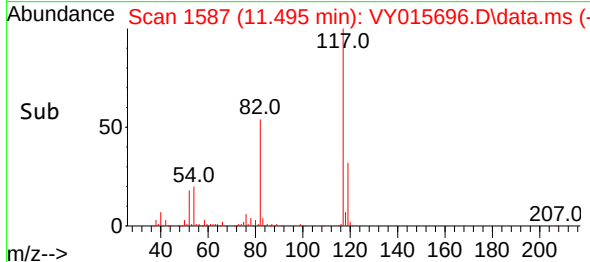
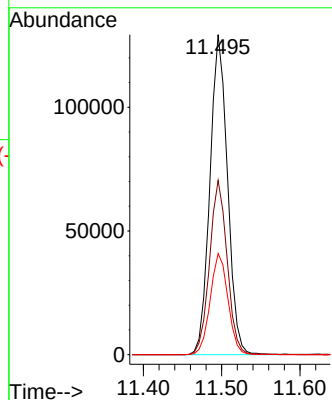
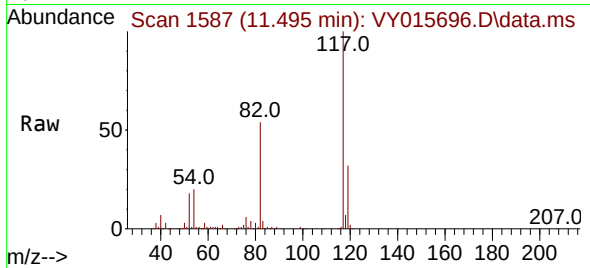




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Tgt Ion:117 Resp: 201589
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Tgt Ion:152 Resp: 92653
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 156.8 0.0 348.8

