

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015996.D
 Acq On : 17 Oct 2023 11:03
 Operator : SY/MD
 Sample : VY1017SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBL01

Quant Time: Oct 18 06:04:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	126604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75051	51.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.880%
35) Dibromofluoromethane	7.728	113	68376	50.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.185	98	247914	49.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.489	95	83080	46.308	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.620%

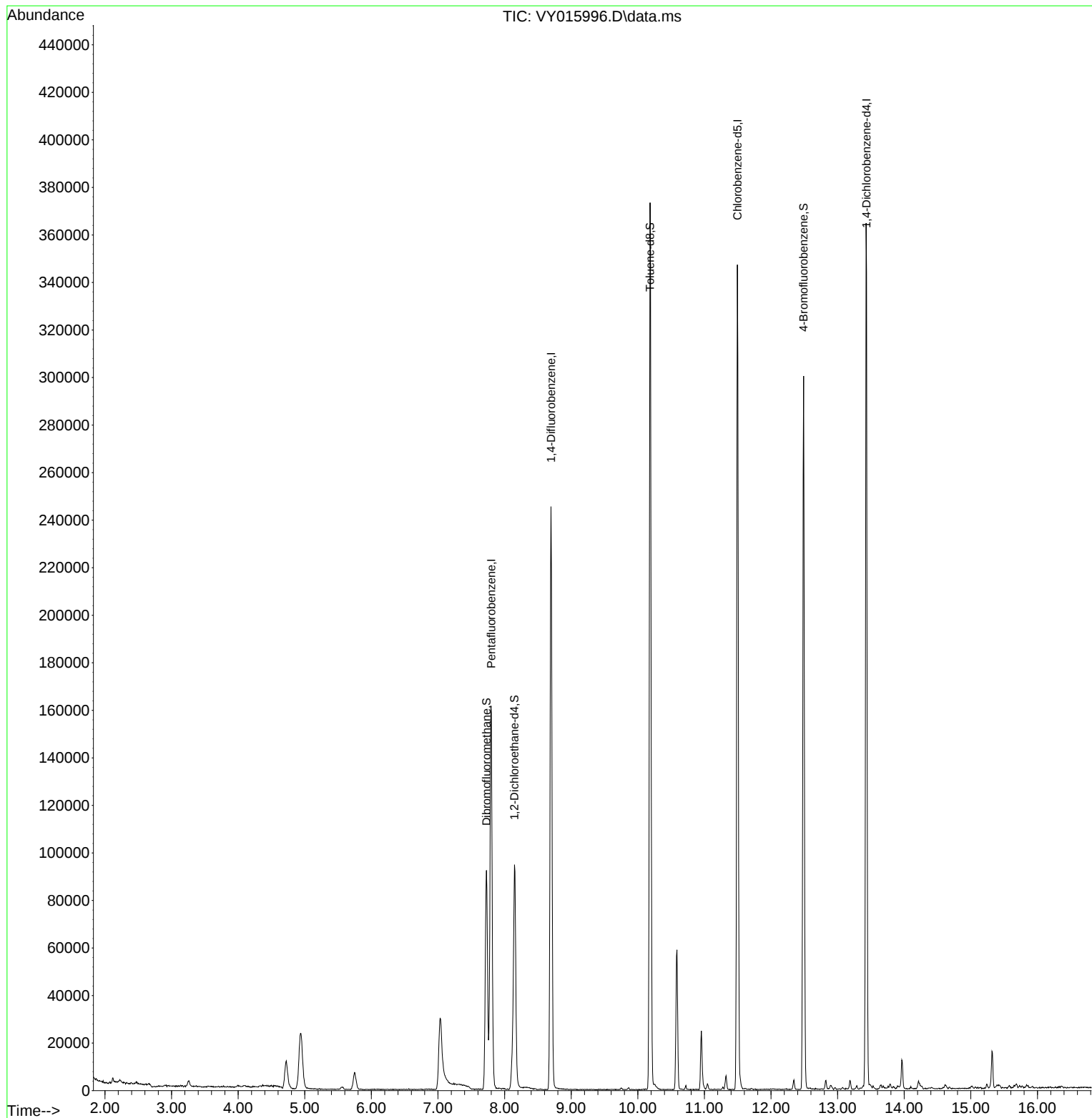
Target Compounds	Qvalue

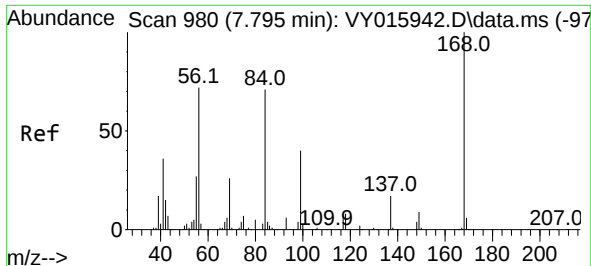
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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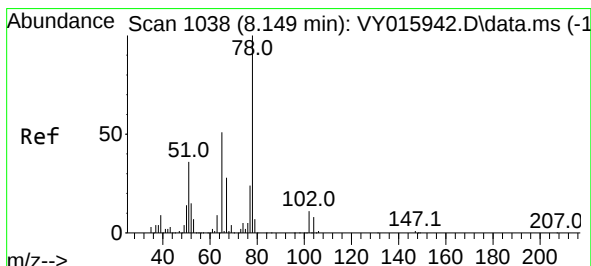
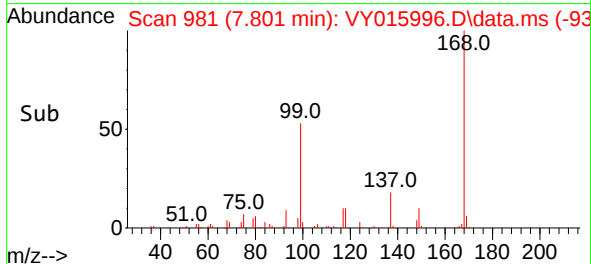
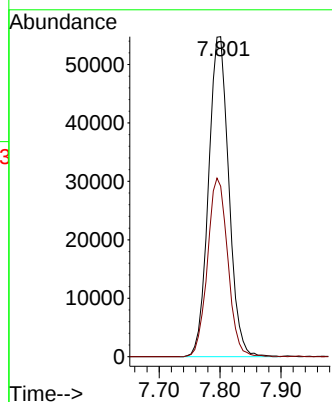
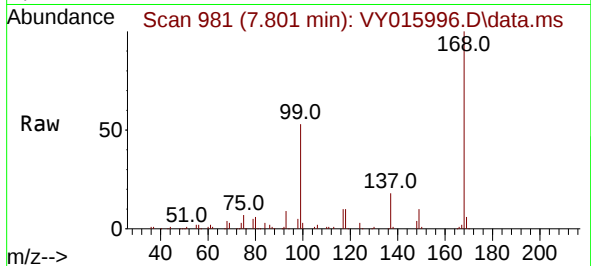




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

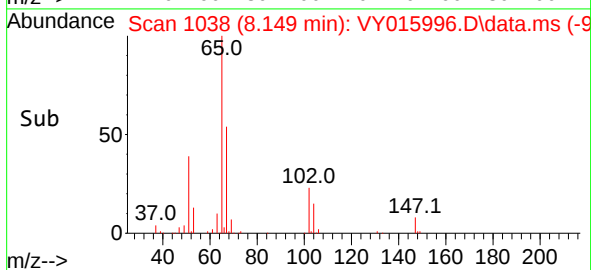
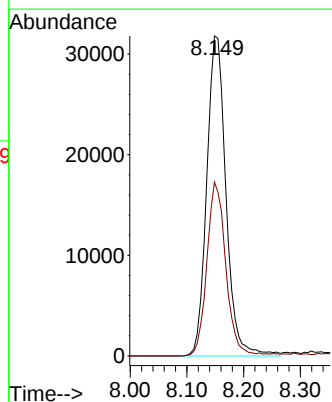
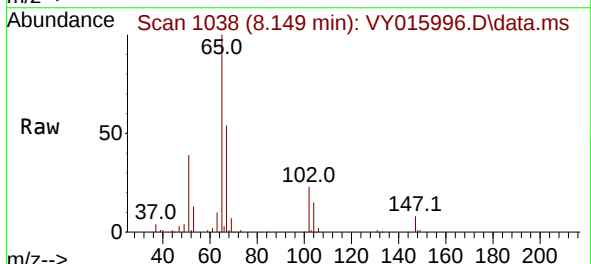
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

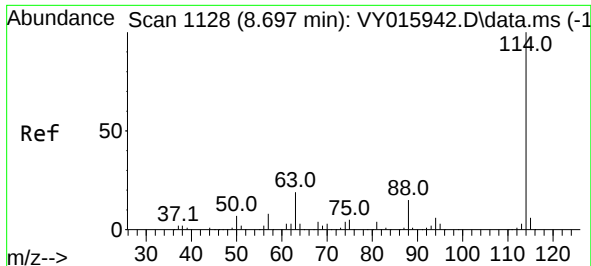
Tgt Ion:168 Resp: 126604
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.942 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

Tgt Ion: 65 Resp: 75051
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBL01

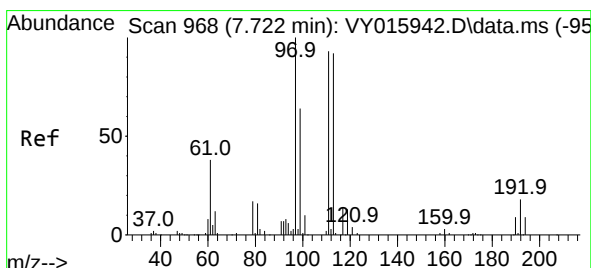
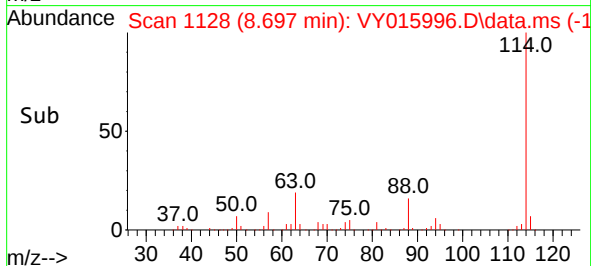
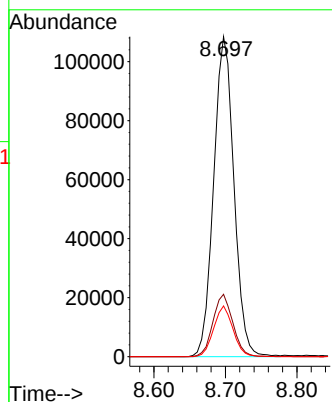
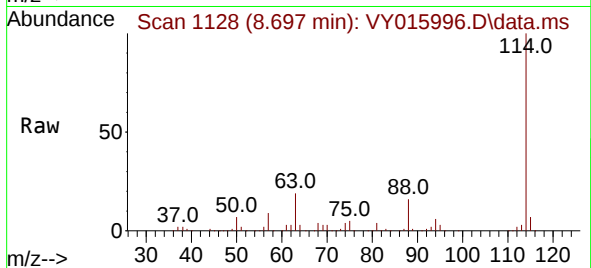
Tgt Ion:114 Resp: 213704

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.823 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015996.D

Acq: 17 Oct 2023 11:03

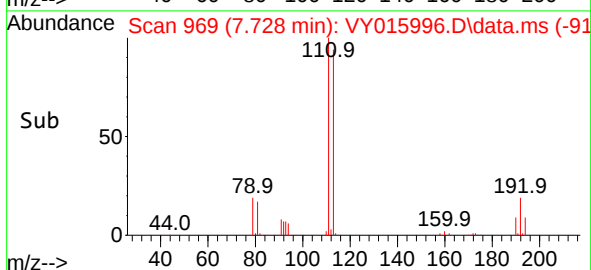
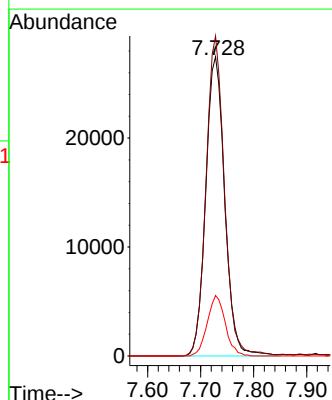
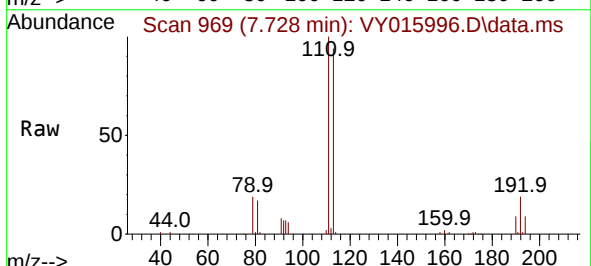
Tgt Ion:113 Resp: 68376

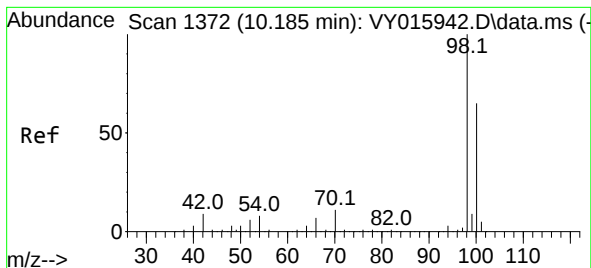
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.2 16.9 25.3

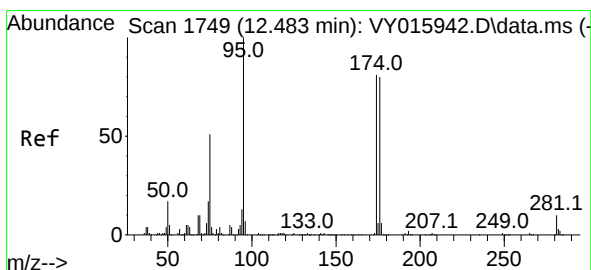
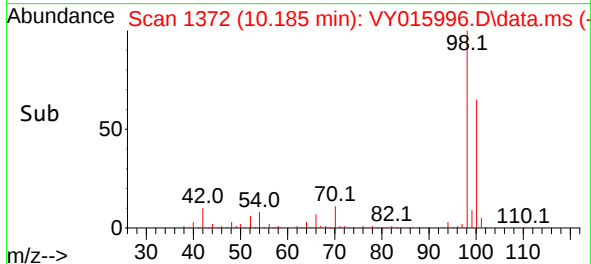
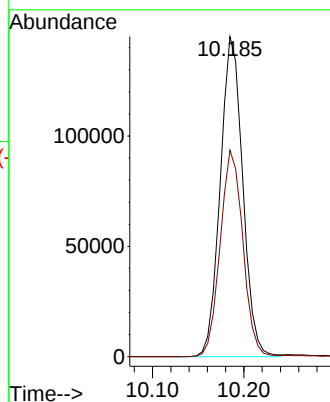
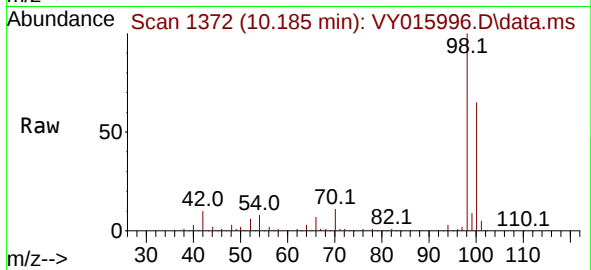




#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

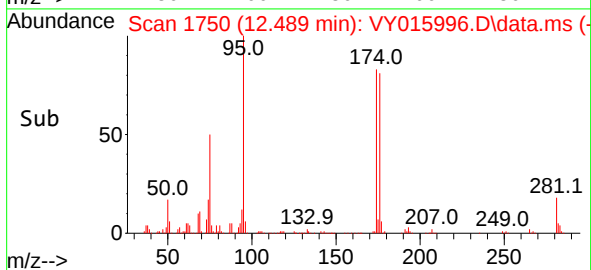
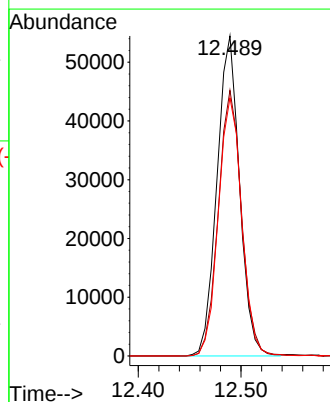
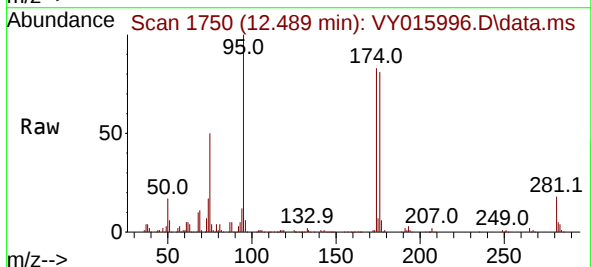
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

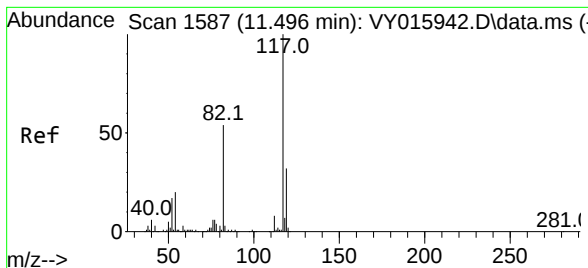
Tgt Ion: 98 Resp: 247914
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

Tgt Ion: 95 Resp: 83080
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.3 0.0 173.8

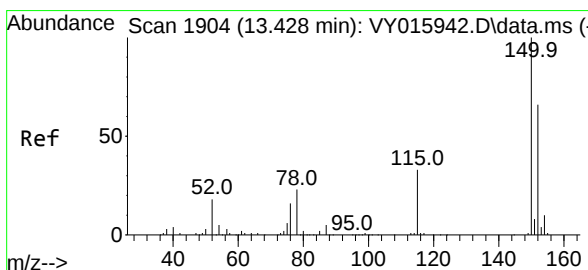
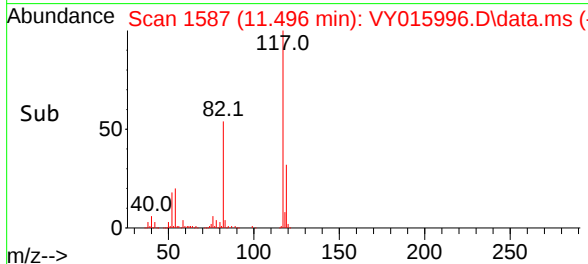
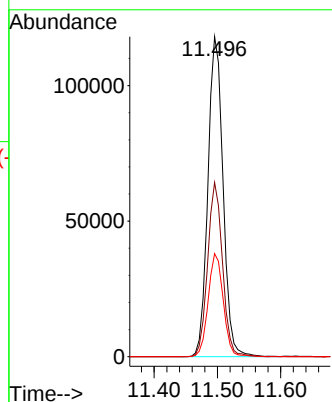
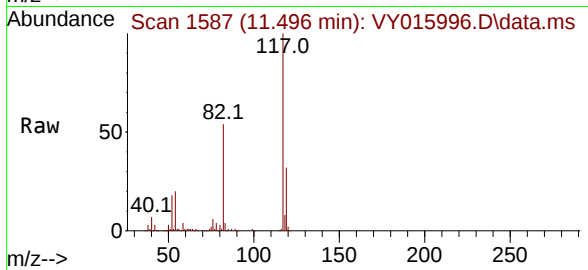




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBL01

Tgt Ion:117 Resp: 196675
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015996.D
Acq: 17 Oct 2023 11:03

Tgt Ion:152 Resp: 94076
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 159.2 0.0 348.8

