

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015979.D
 Acq On : 16 Oct 2023 12:26
 Operator : SY/MD
 Sample : 04878-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11995

Quant Time: Oct 17 08:28:44 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	136854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	235773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	221922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91966	58.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.760%
35) Dibromofluoromethane	7.728	113	79969	53.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.760%
50) Toluene-d8	10.191	98	282360	50.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.489	95	95773	48.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.780%

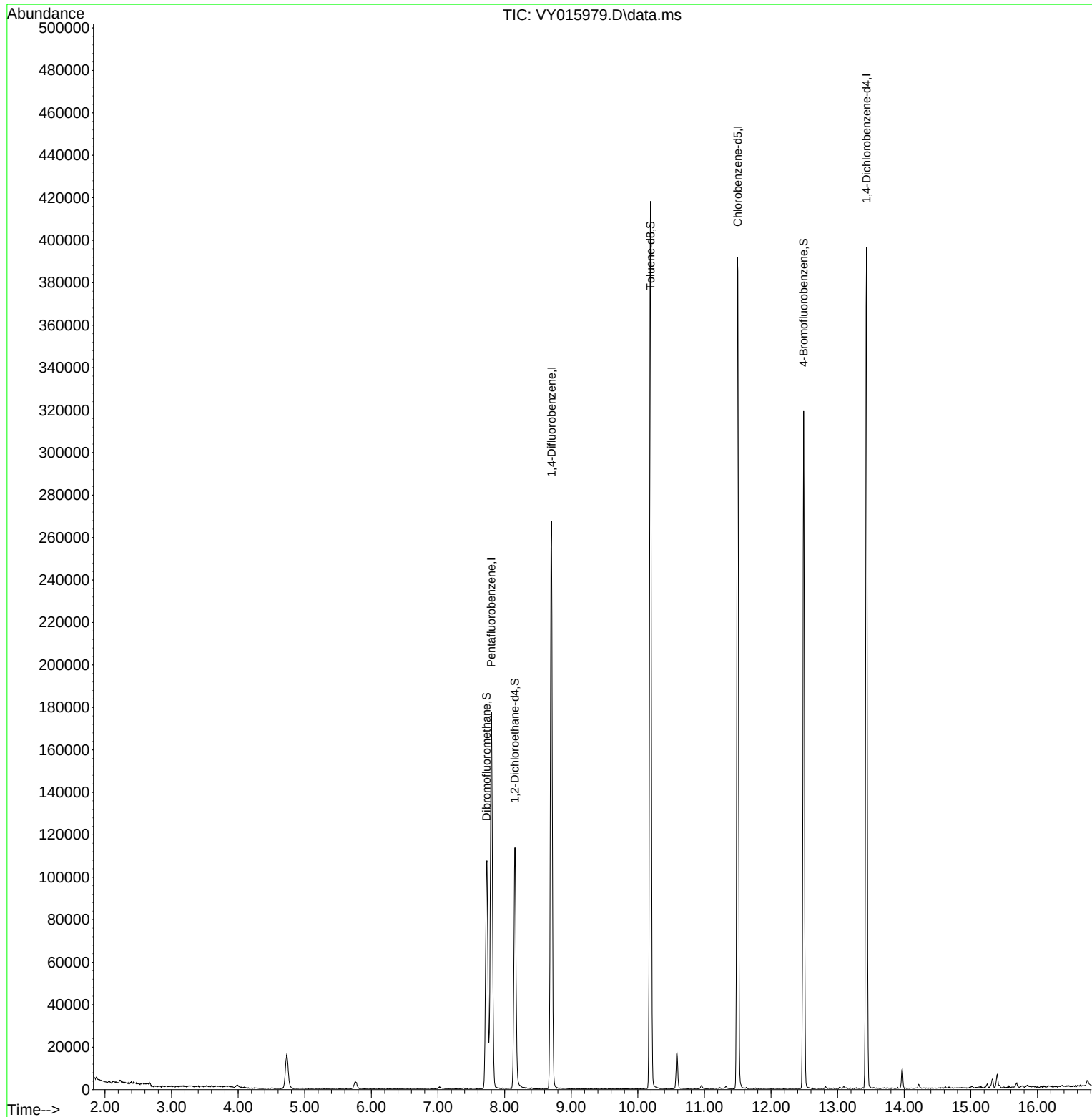
Target Compounds	Qvalue

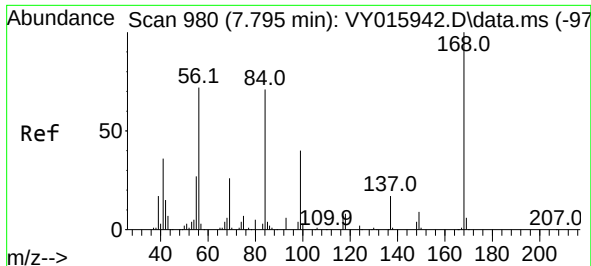
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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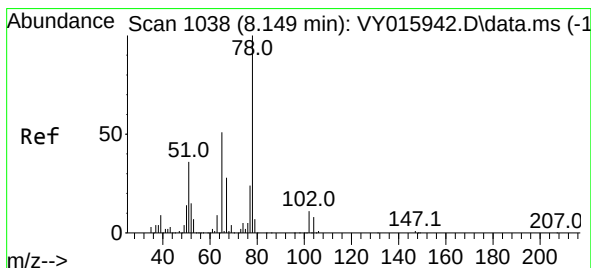
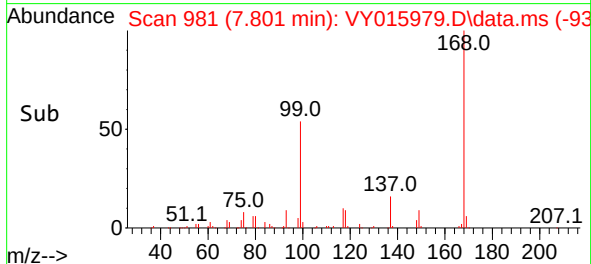
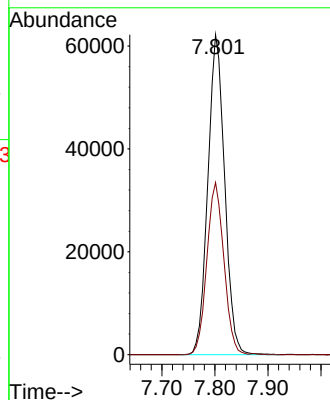
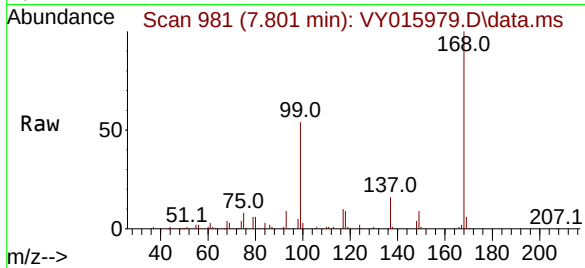




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

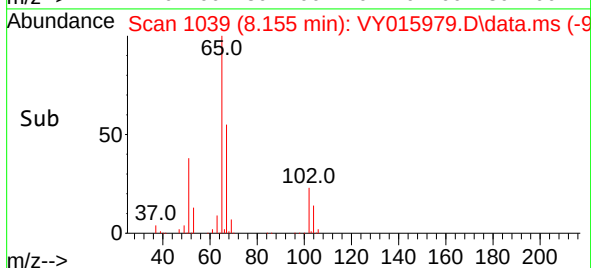
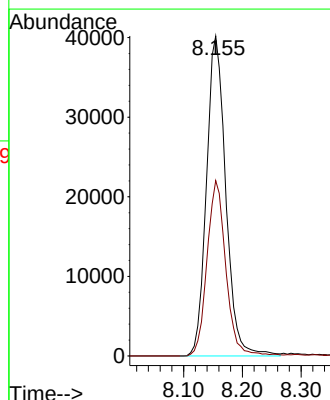
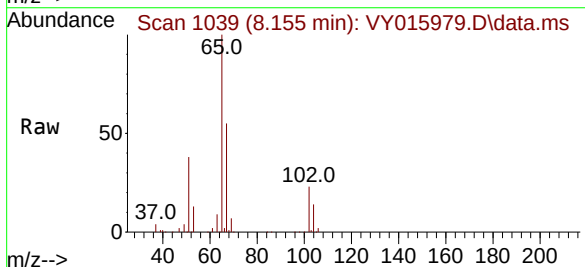
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

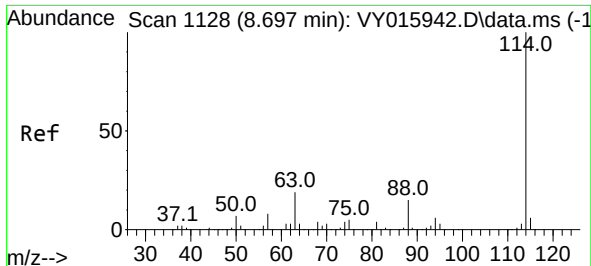
Tgt Ion:168 Resp: 136854
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.881 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Tgt Ion: 65 Resp: 91966
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

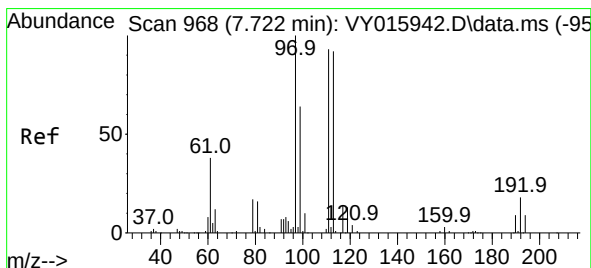
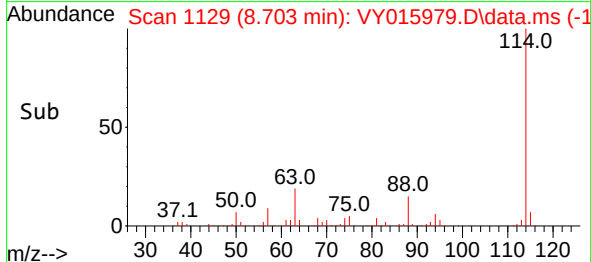
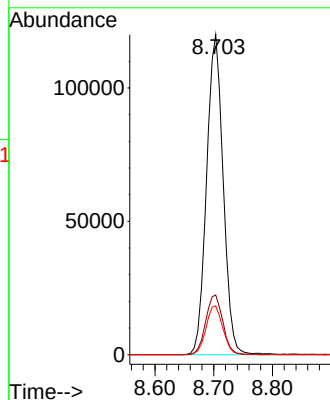
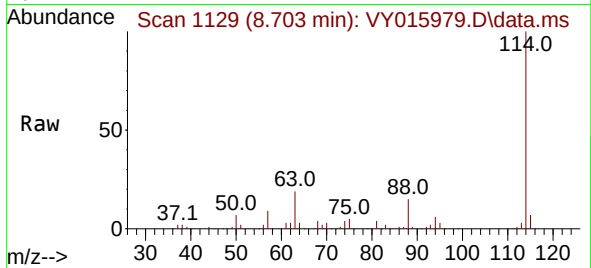




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

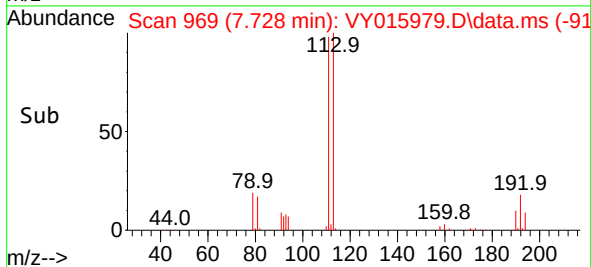
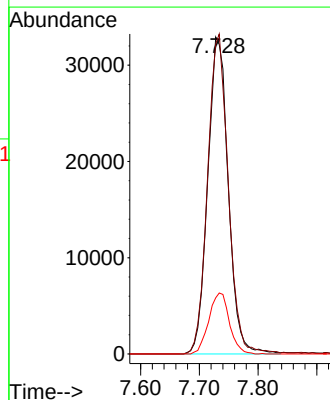
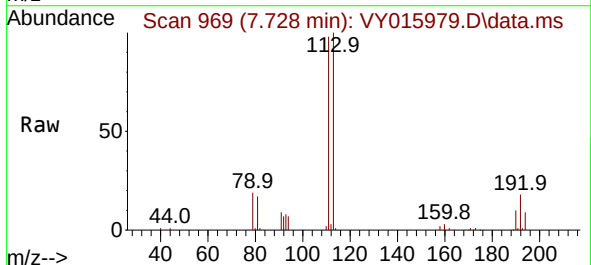
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

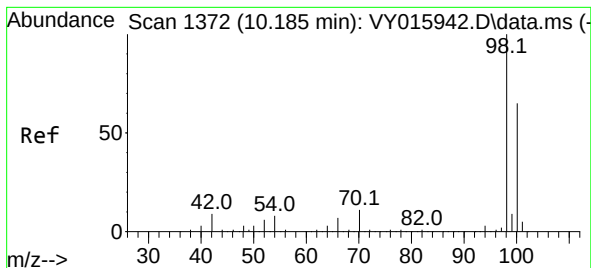
Tgt Ion:114 Resp: 235773
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.876 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Tgt Ion:113 Resp: 79969
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.3 16.9 25.3





#50

Toluene-d8

Concen: 50.796 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015979.D

Acq: 16 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

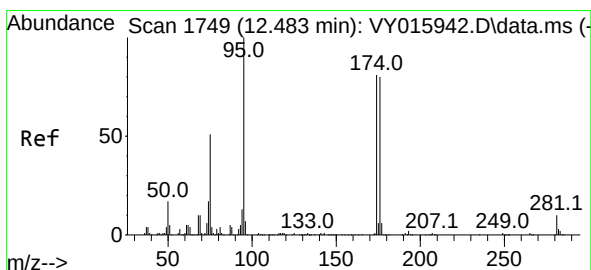
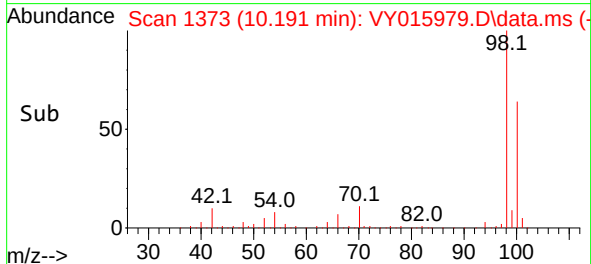
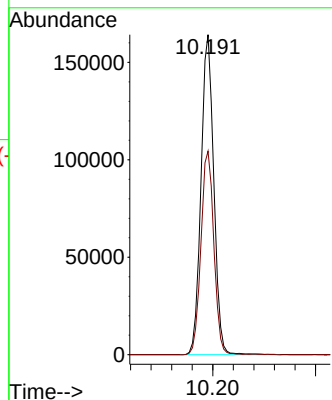
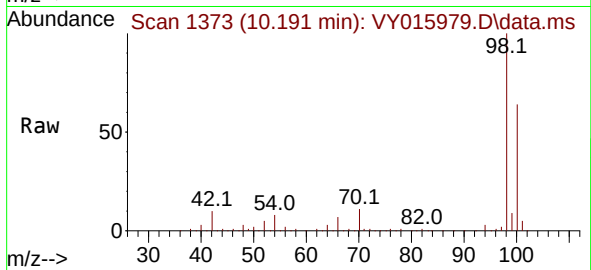
72-11995

Tgt Ion: 98 Resp: 282360

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.386 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015979.D

Acq: 16 Oct 2023 12:26

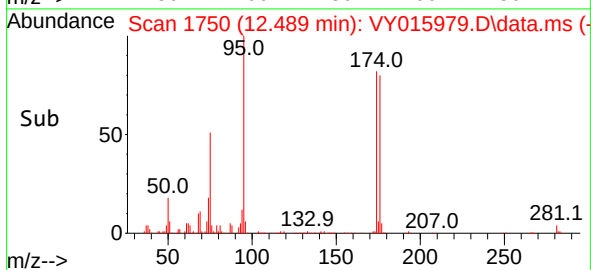
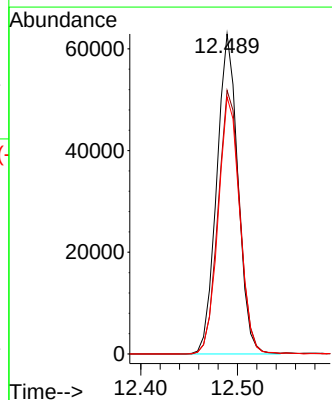
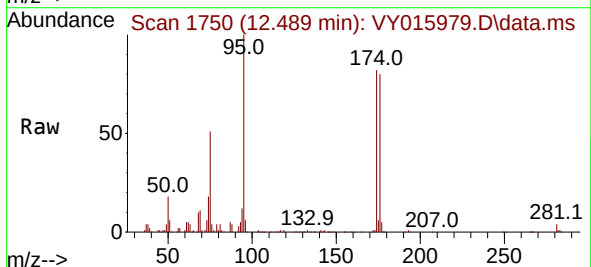
Tgt Ion: 95 Resp: 95773

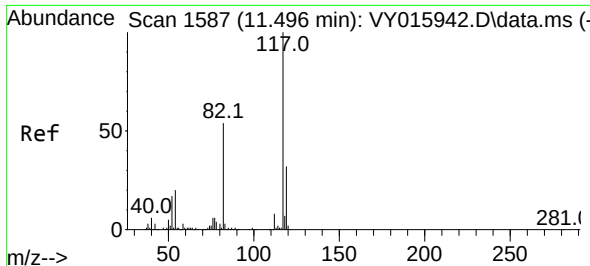
Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 81.6 0.0 173.8

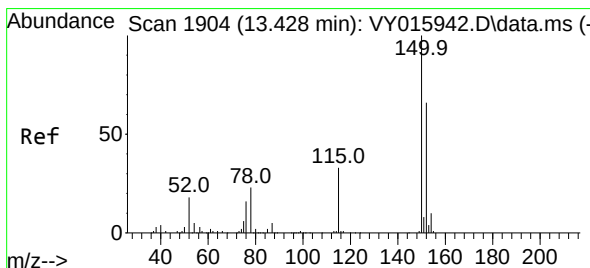
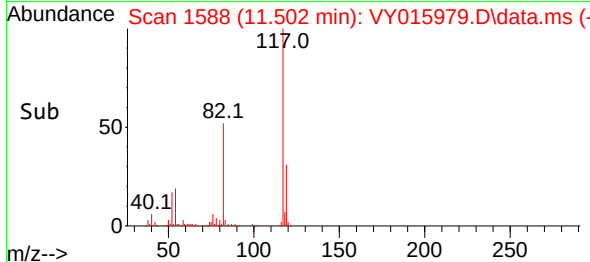
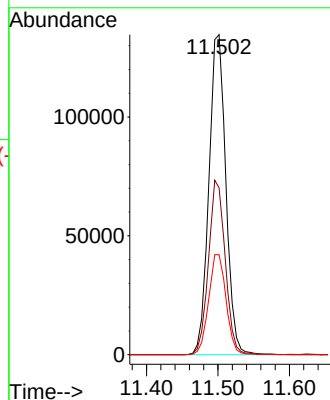
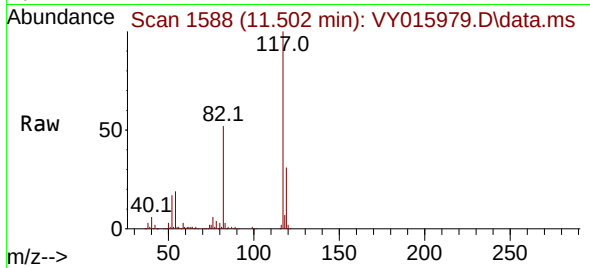




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion:117 Resp: 221922
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.2 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: VY015979.D
Acq: 16 Oct 2023 12:26

Tgt Ion:152 Resp: 104861
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 155.3 0.0 348.8

