

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015986.D
 Acq On : 16 Oct 2023 15:53
 Operator : SY/MD
 Sample : 04895-03
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-3

Quant Time: Oct 17 05:44:16 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	136304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86120	55.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.720%
35) Dibromofluoromethane	7.728	113	74760	52.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.020%
50) Toluene-d8	10.185	98	267343	49.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.489	95	91732	47.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.720%

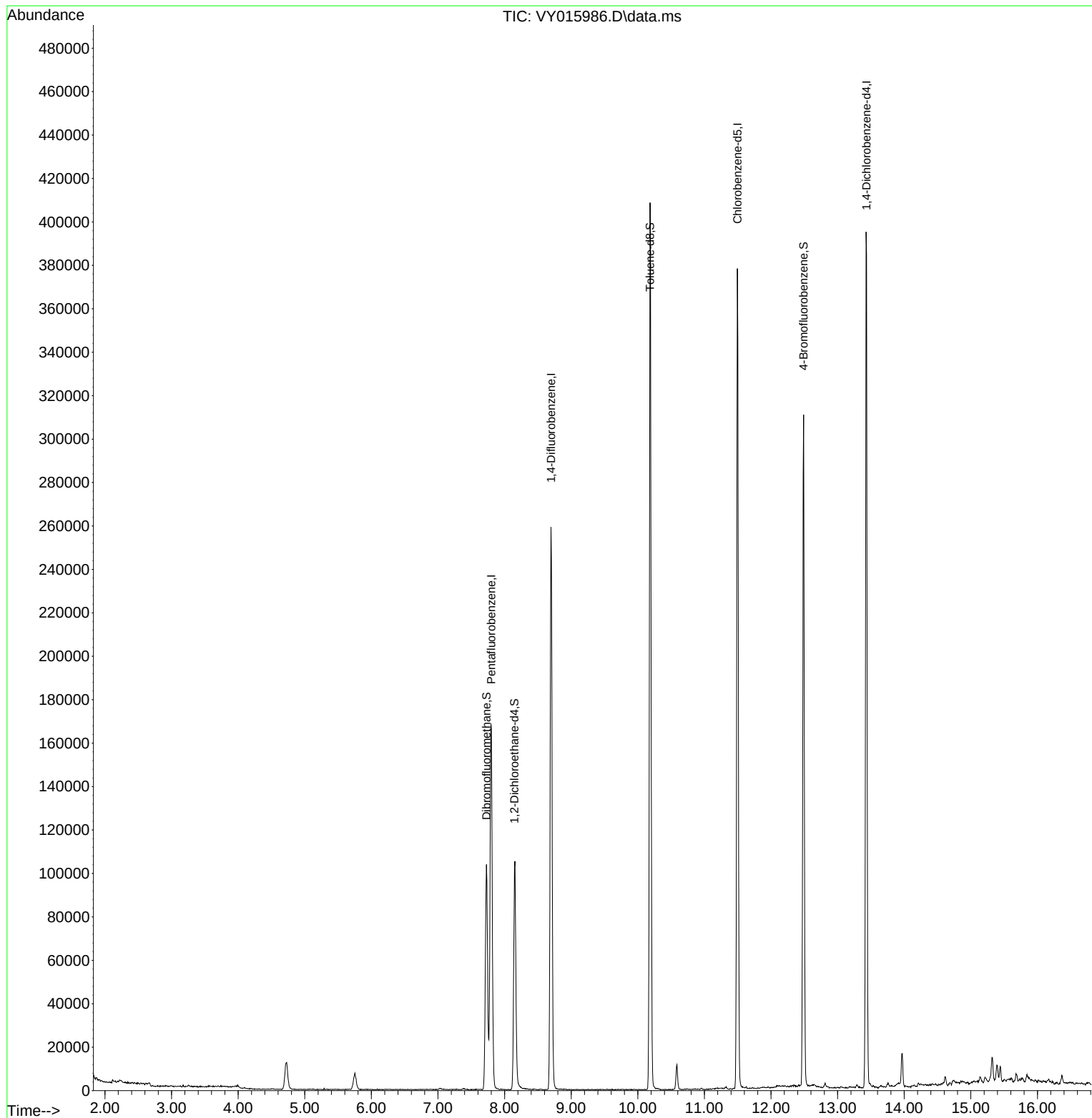
Target Compounds	Qvalue

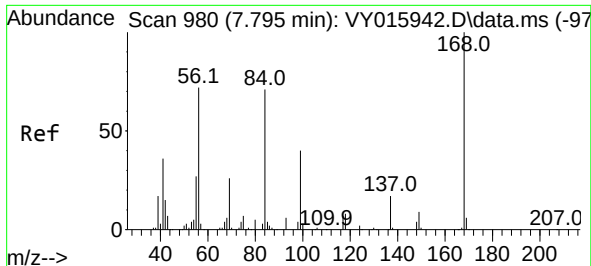
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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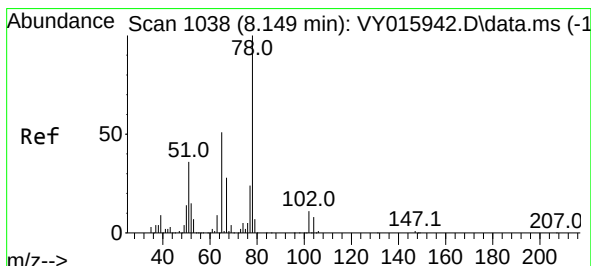
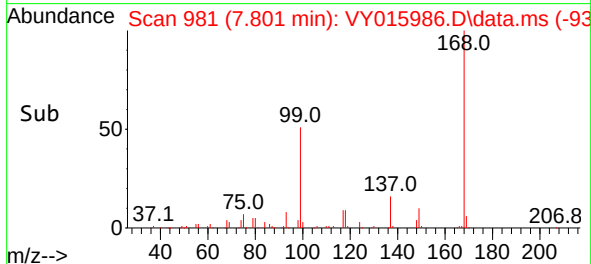
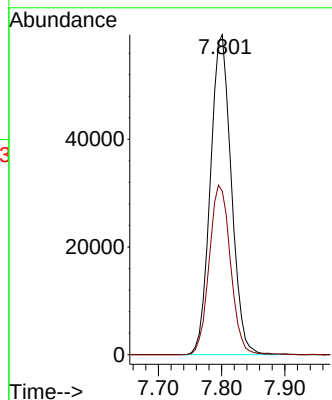
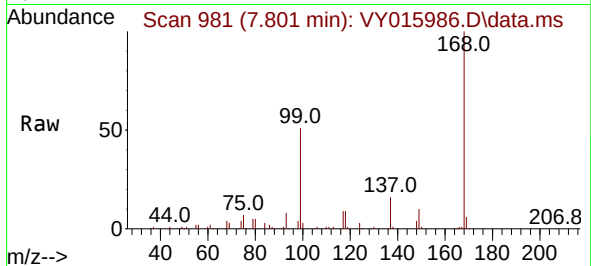




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

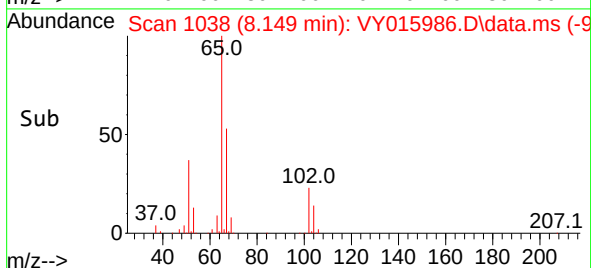
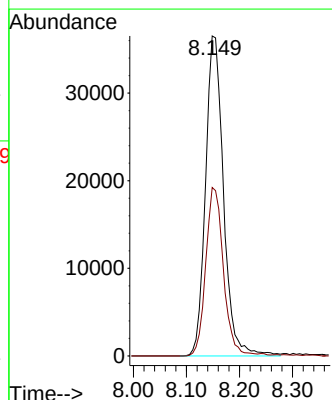
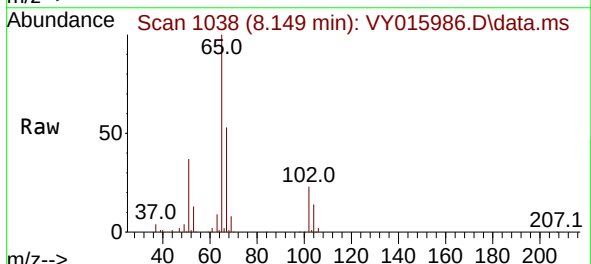
Instrument :
MSVOA_Y
ClientSampleId :
A-3

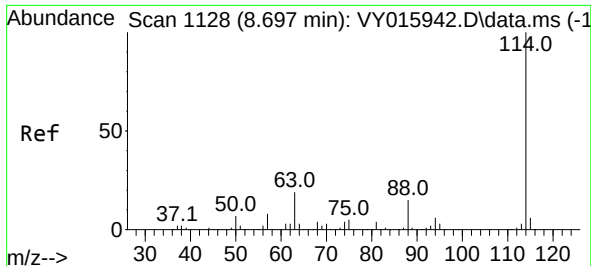
Tgt Ion:168 Resp: 136304
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.361 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Tgt Ion: 65 Resp: 86120
Ion Ratio Lower Upper
65 100
67 51.9 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: VY015986.D

Acq: 16 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

A-3

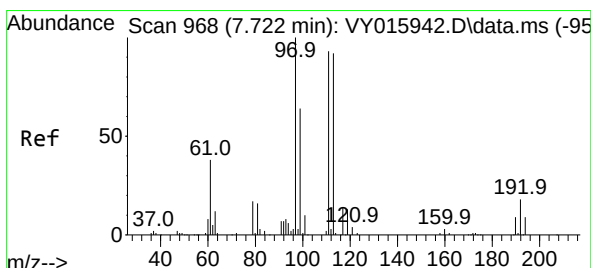
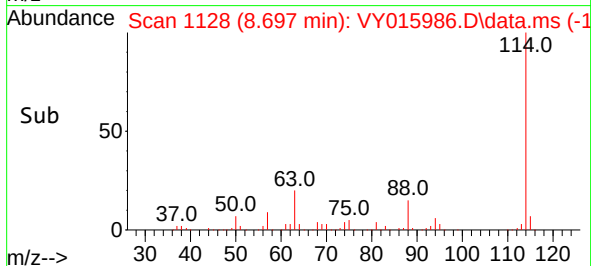
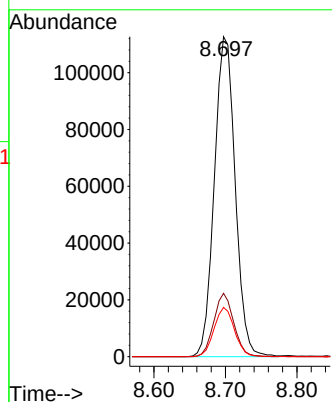
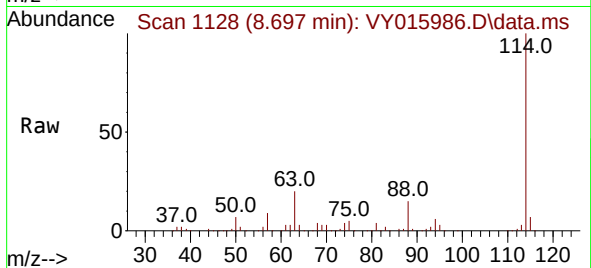
Tgt Ion:114 Resp: 228320

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.011 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015986.D

Acq: 16 Oct 2023 15:53

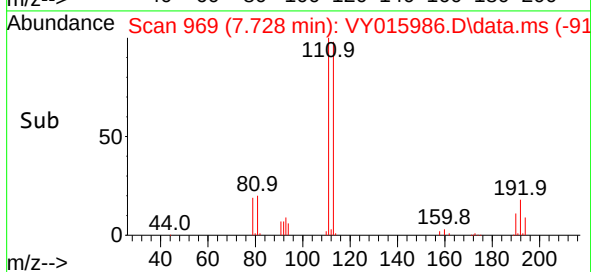
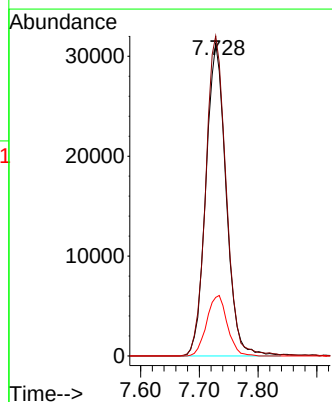
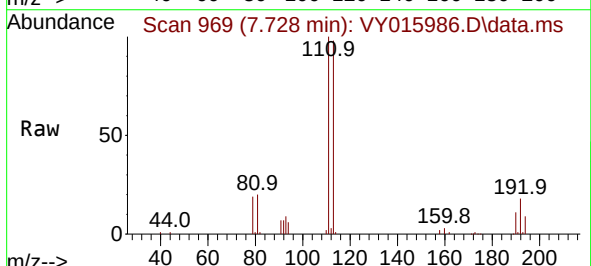
Tgt Ion:113 Resp: 74760

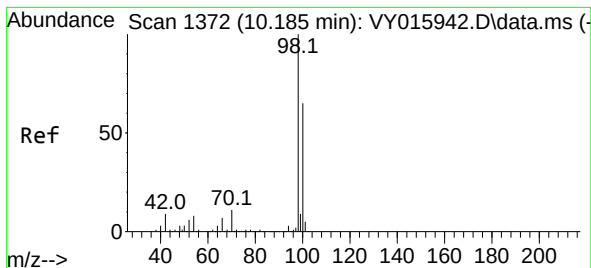
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 49.665 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015986.D

Acq: 16 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

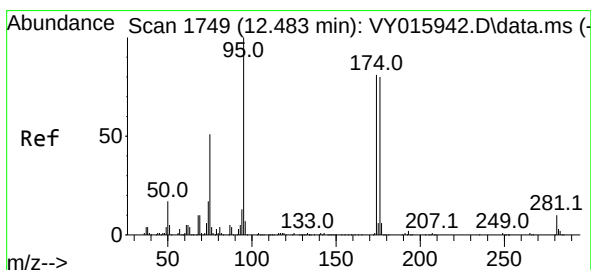
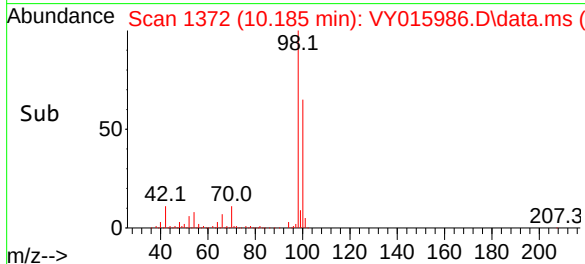
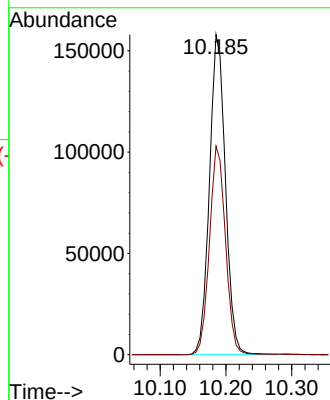
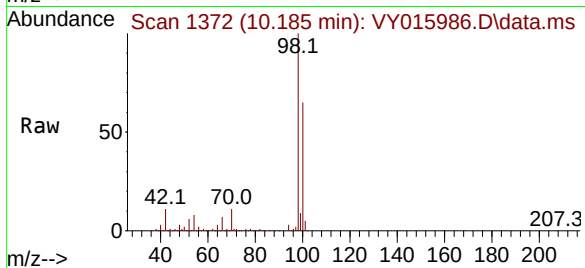
A-3

Tgt Ion: 98 Resp: 267343

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.858 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015986.D

Acq: 16 Oct 2023 15:53

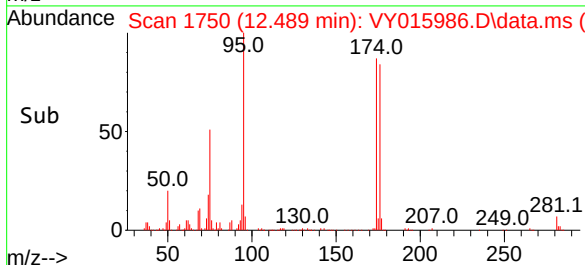
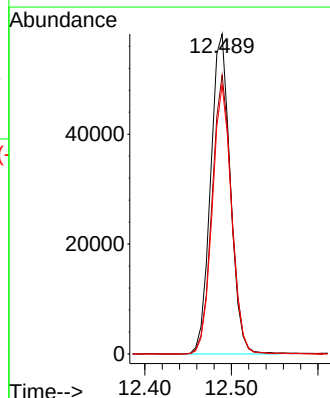
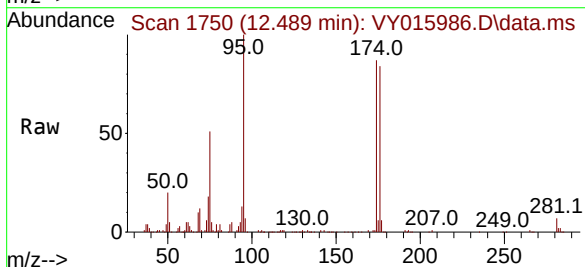
Tgt Ion: 95 Resp: 91732

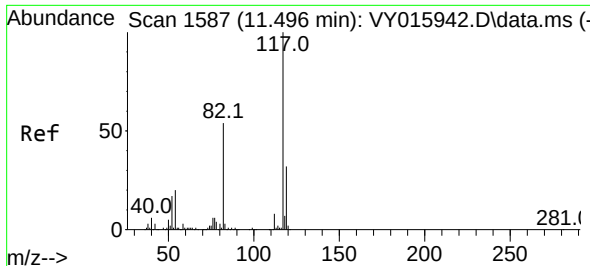
Ion Ratio Lower Upper

95 100

174 86.3 0.0 178.2

176 82.4 0.0 173.8

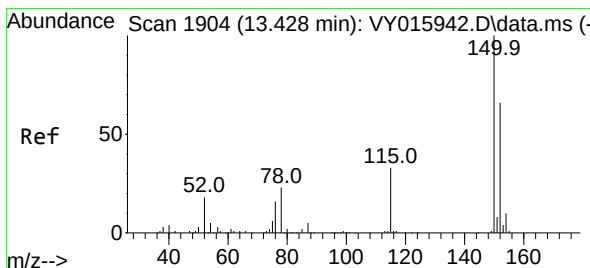
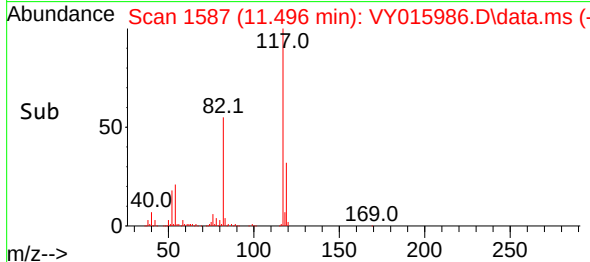
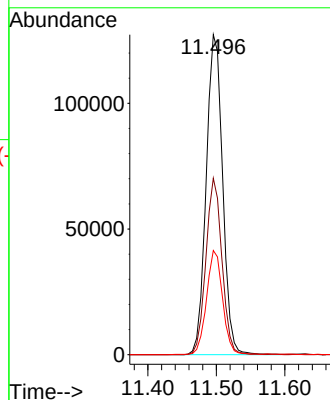
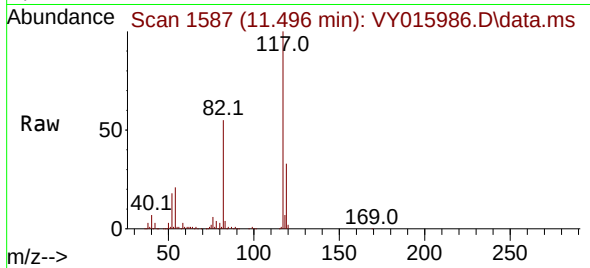




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :
A-3

Tgt Ion:117 Resp: 213038
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.5 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: VY015986.D
Acq: 16 Oct 2023 15:53

Tgt Ion:152 Resp: 104391
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 157.4 0.0 348.8

