

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016002.D
 Acq On : 17 Oct 2023 14:23
 Operator : SY/MD
 Sample : 04890-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 362RE

Quant Time: Oct 18 06:07:16 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	7.795	168	96464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	156179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	146669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	53863	48.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.860%
35) Dibromofluoromethane	7.722	113	52963	53.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.185	98	185443	50.363	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.483	95	62288	47.507	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.020%

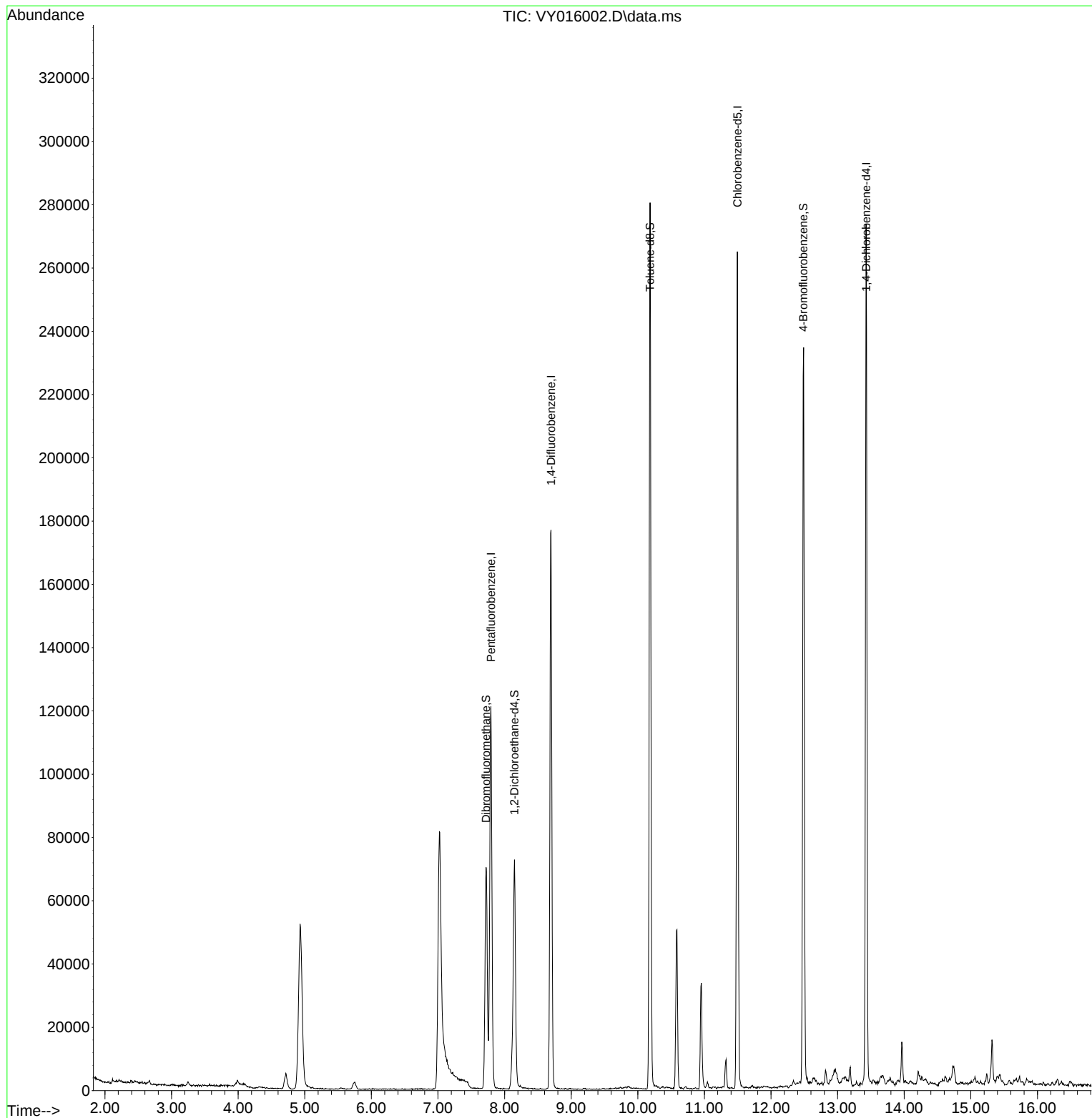
Target Compounds	Qvalue

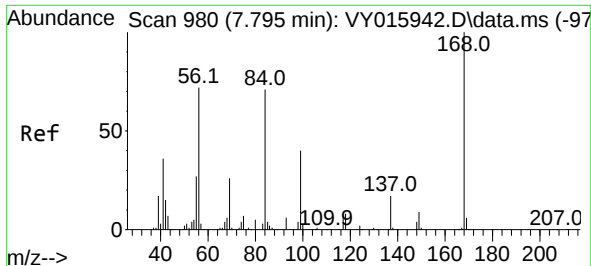
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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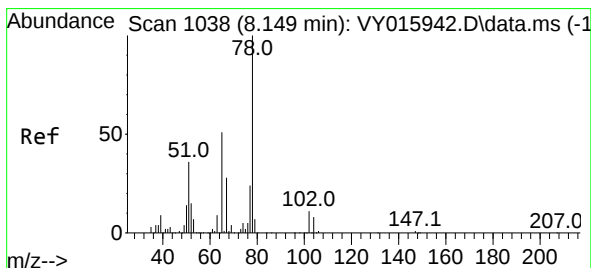
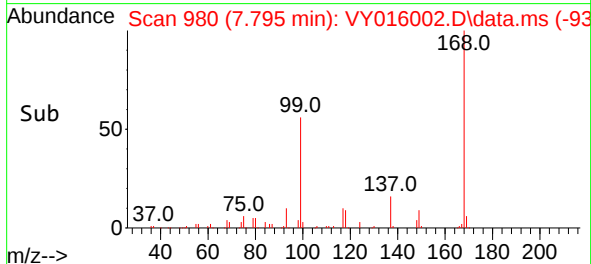
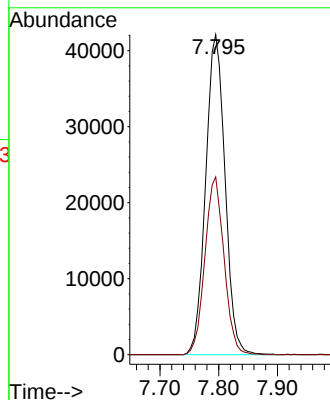
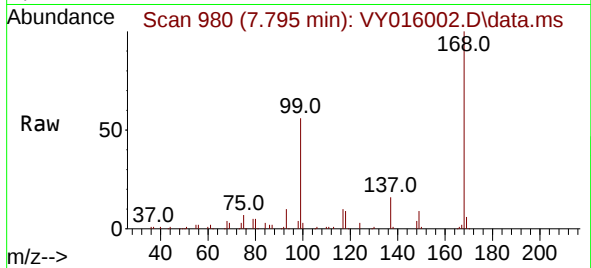




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016002.D
Acq: 17 Oct 2023 14:23

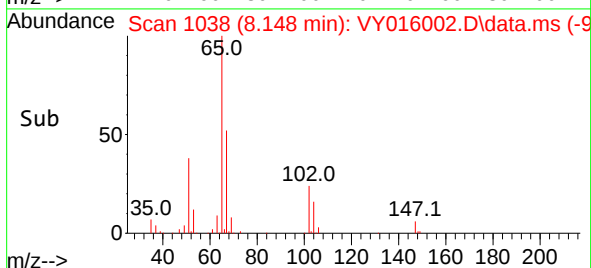
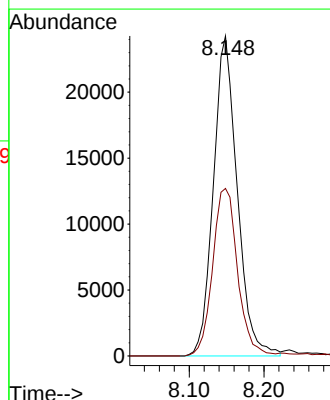
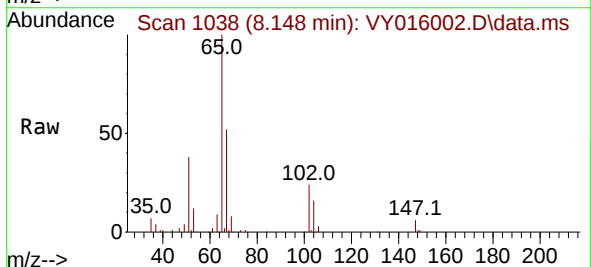
Instrument :
MSVOA_Y
ClientSampleId :
362RE

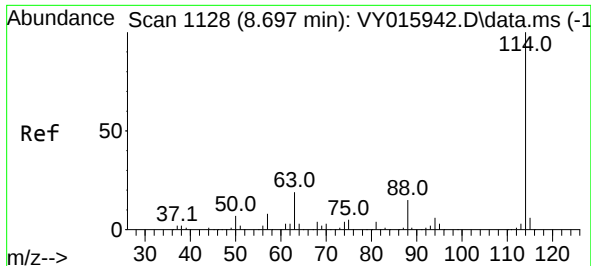
Tgt Ion:168 Resp: 96464
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.925 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016002.D
Acq: 17 Oct 2023 14:23

Tgt Ion: 65 Resp: 53863
Ion Ratio Lower Upper
65 100
67 54.7 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: VY016002.D

Acq: 17 Oct 2023 14:23

Instrument :

MSVOA_Y

ClientSampleId :

362RE

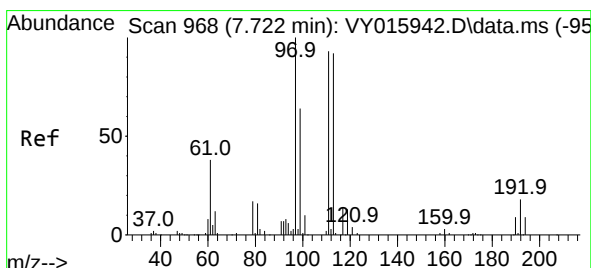
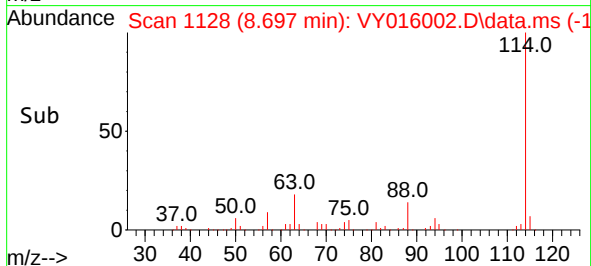
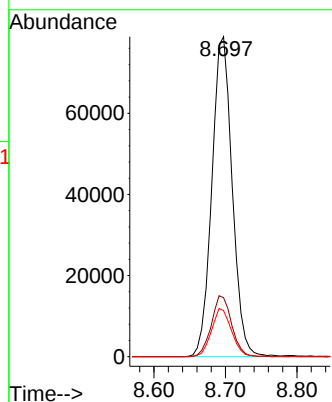
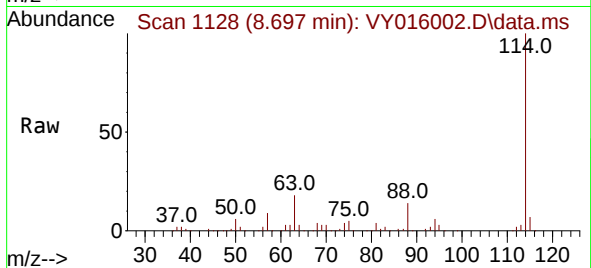
Tgt Ion:114 Resp: 156179

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.866 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY016002.D

Acq: 17 Oct 2023 14:23

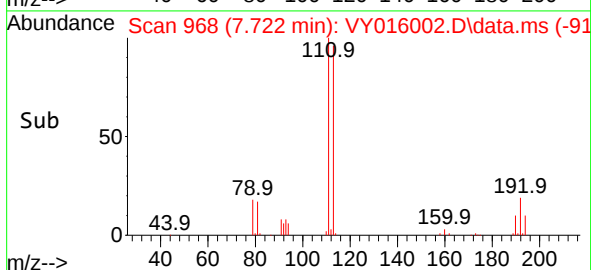
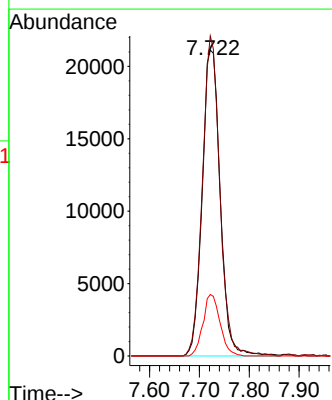
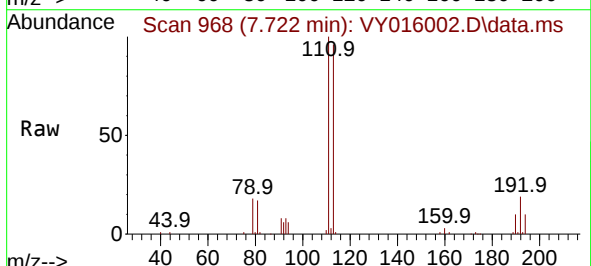
Tgt Ion:113 Resp: 52963

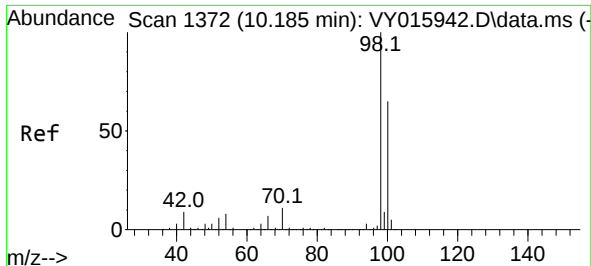
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.1 16.9 25.3

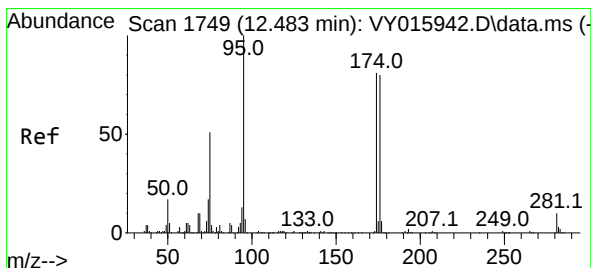
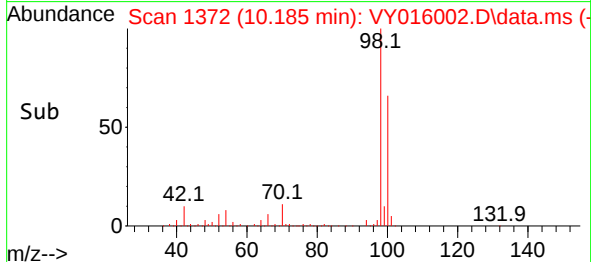
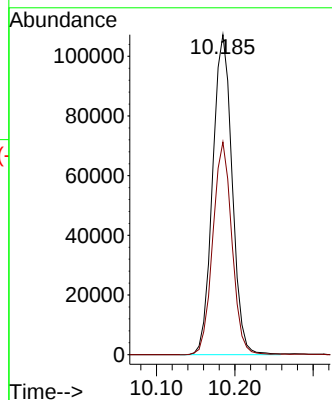
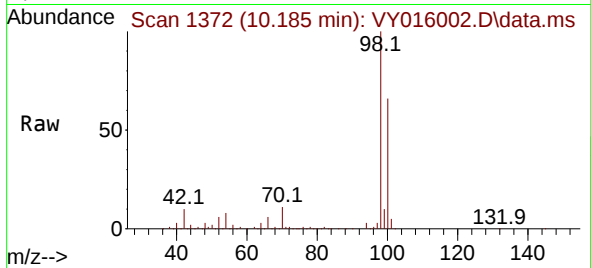




#50
Toluene-d8
Concen: 50.363 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016002.D
Acq: 17 Oct 2023 14:23

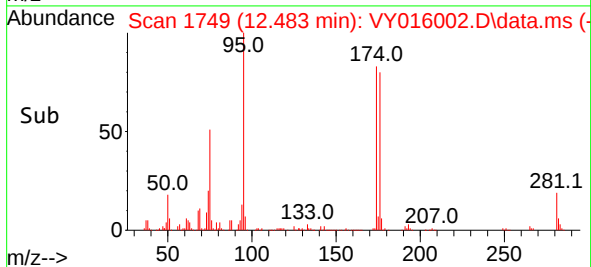
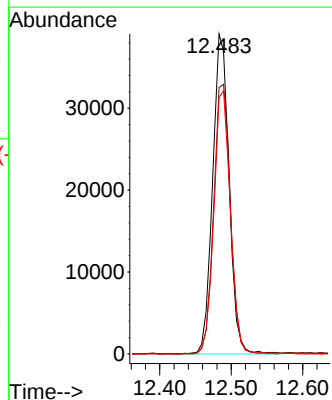
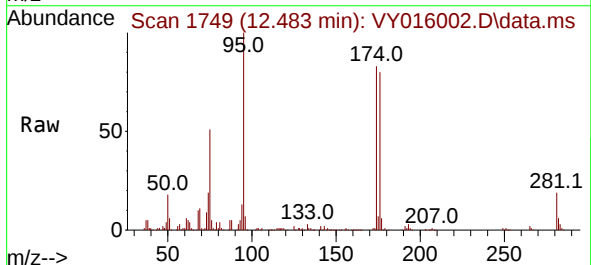
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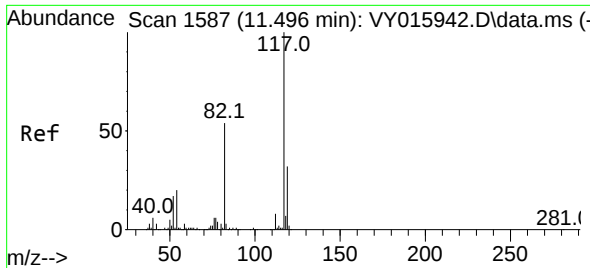
Tgt Ion: 98 Resp: 185443
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.507 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016002.D
Acq: 17 Oct 2023 14:23

Tgt Ion: 95 Resp: 62288
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.6 0.0 173.8

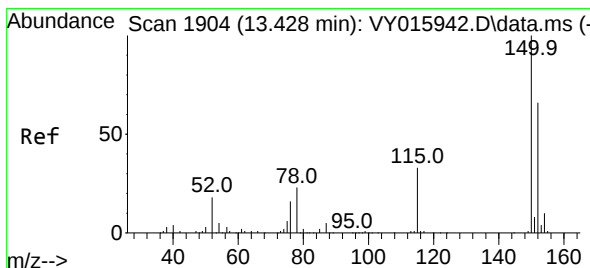
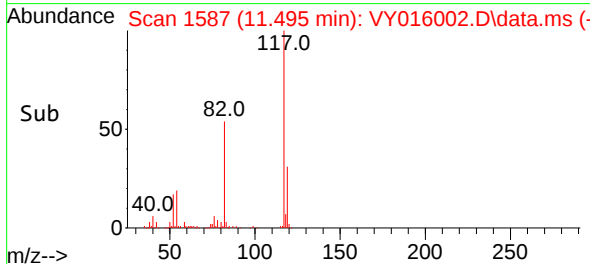
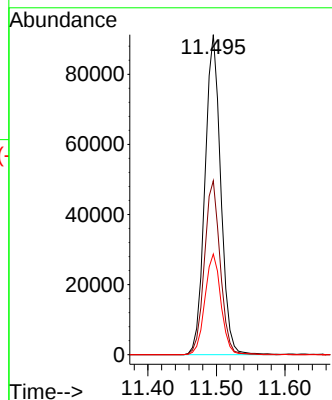
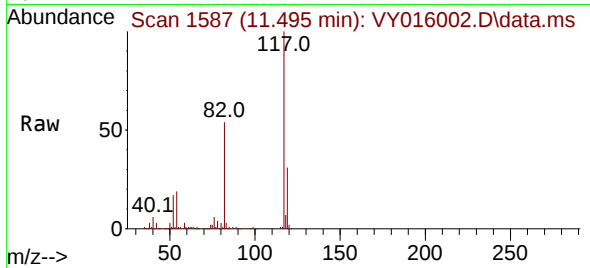




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016002.D
Acq: 17 Oct 2023 14:23

Instrument :
MSVOA_Y
ClientSampleId :
362RE

Tgt Ion:117 Resp: 146669
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016002.D
Acq: 17 Oct 2023 14:23

Tgt Ion:152 Resp: 69616
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 157.9 0.0 348.8

