

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015476.D
 Acq On : 07 Sep 2023 18:57
 Operator : SY/MD
 Sample : 04334-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 359

Quant Time: Sep 07 23:12:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	356279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	589516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	531199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	264240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	228823	59.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.820%
35) Dibromofluoromethane	7.710	113	184720	54.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.800%
50) Toluene-d8	10.173	98	682981	55.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.080%
62) 4-Bromofluorobenzene	12.477	95	243509	53.344	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.680%

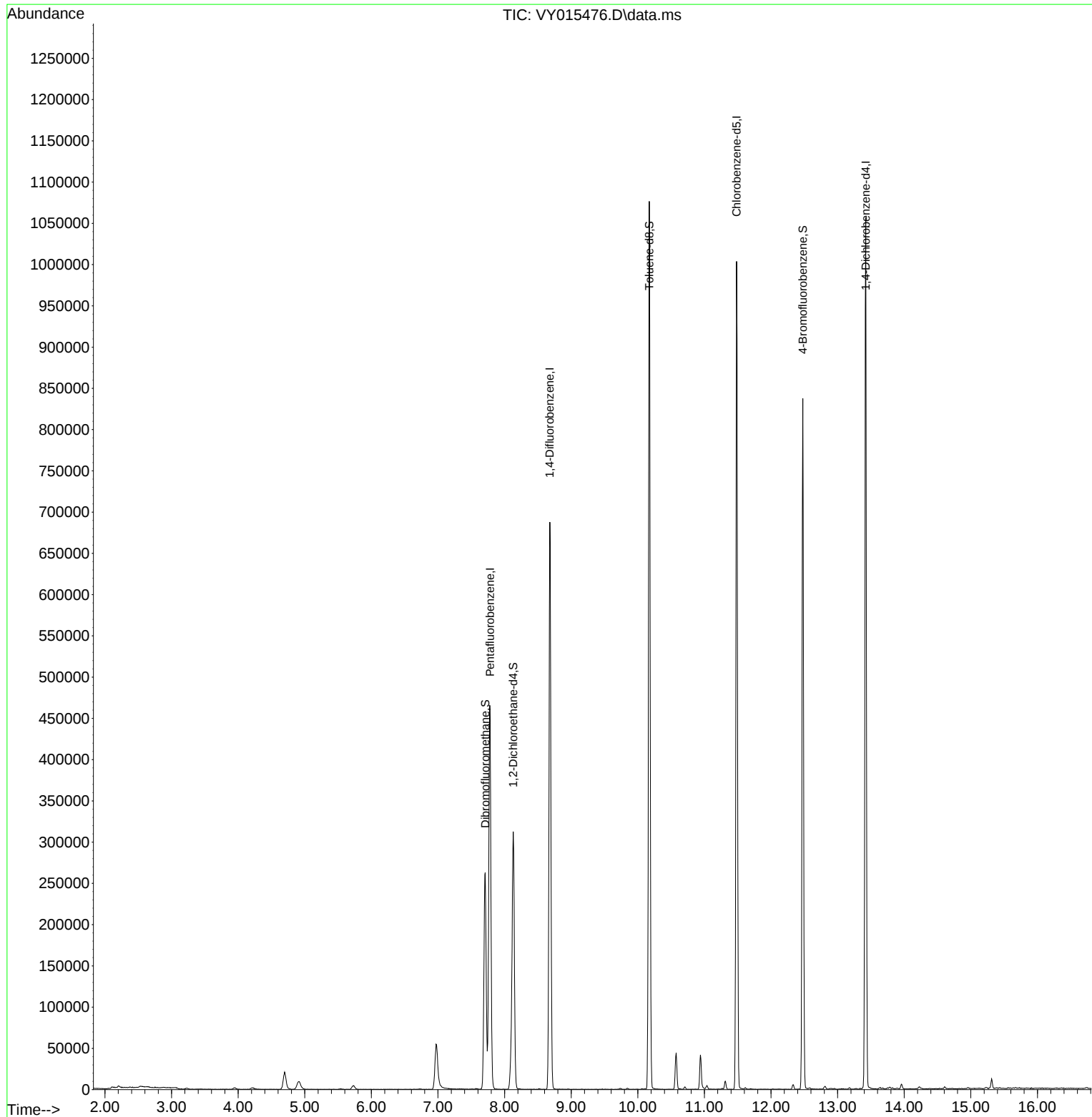
Target Compounds	Qvalue

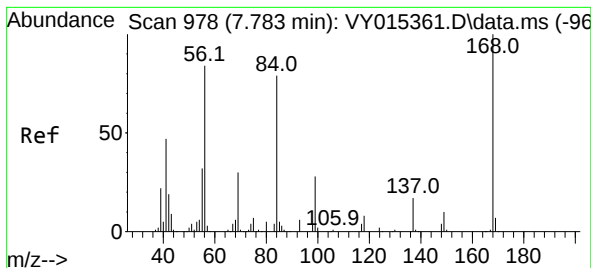
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

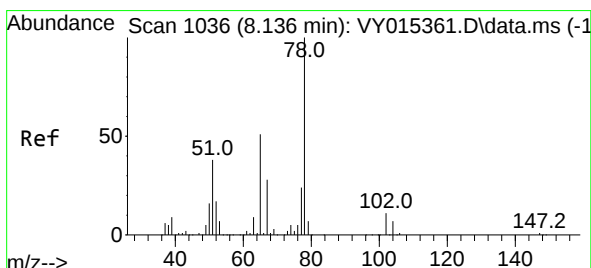
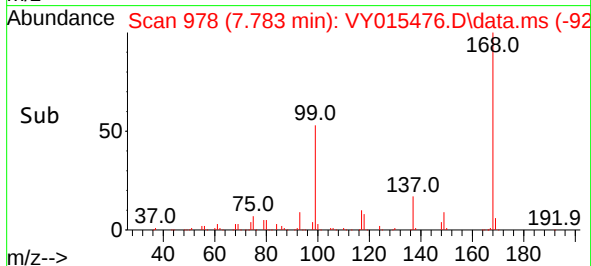
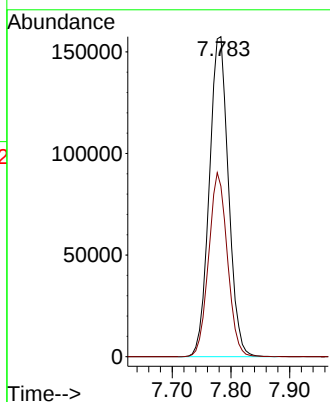
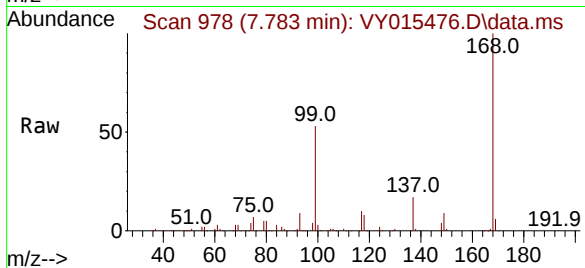
359

Tgt Ion:168 Resp: 356279

Ion Ratio Lower Upper

168 100

99 53.2 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 59.913 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY015476.D

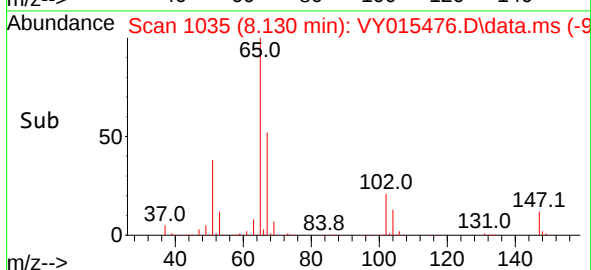
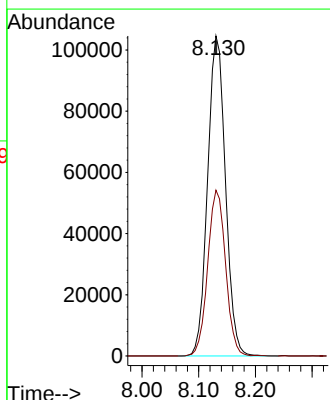
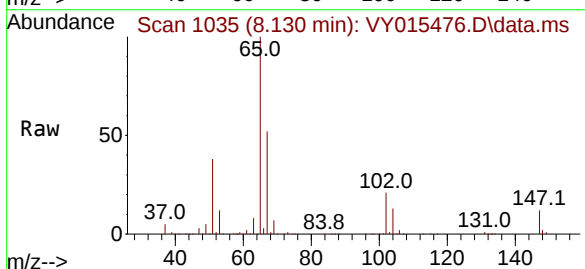
Acq: 07 Sep 2023 18:57

Tgt Ion: 65 Resp: 228823

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015476.D

Acq: 07 Sep 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

359

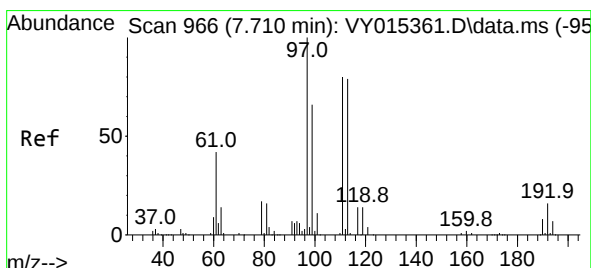
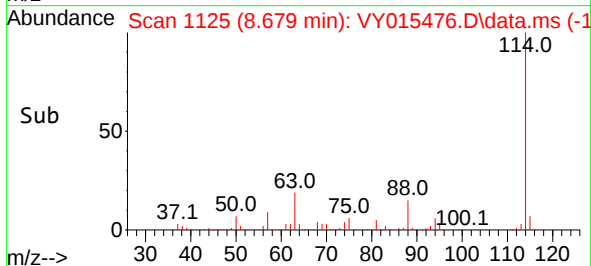
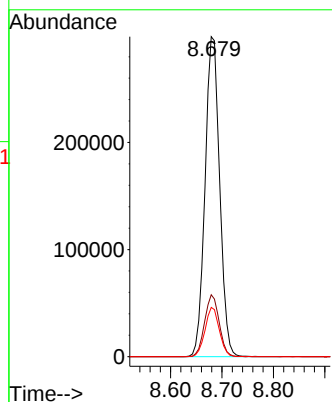
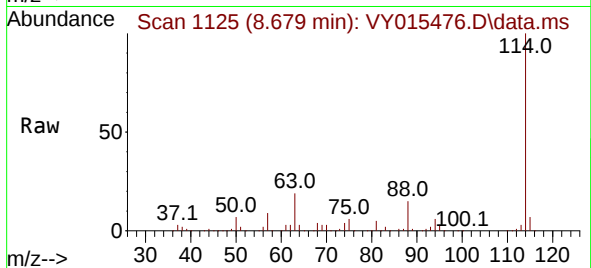
Tgt Ion:114 Resp: 589516

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.402 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015476.D

Acq: 07 Sep 2023 18:57

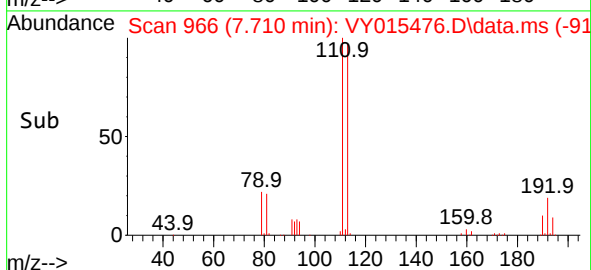
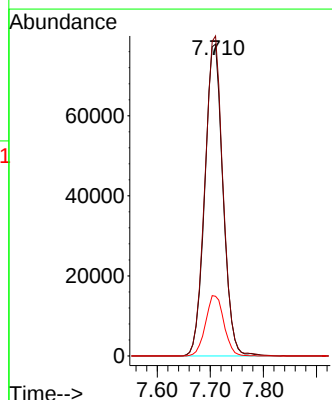
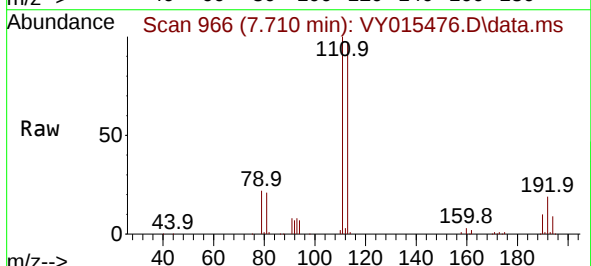
Tgt Ion:113 Resp: 184720

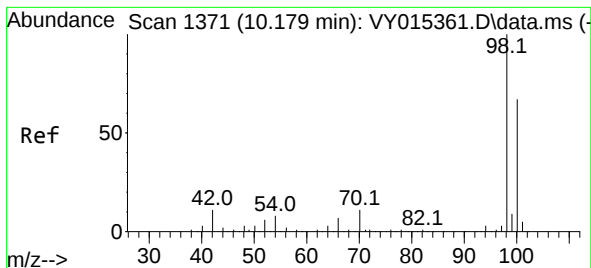
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 55.544 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015476.D

Acq: 07 Sep 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

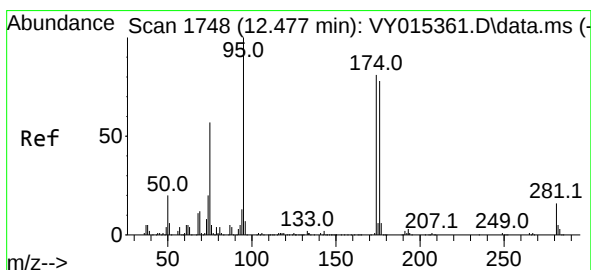
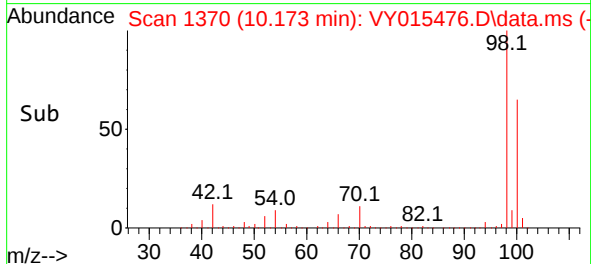
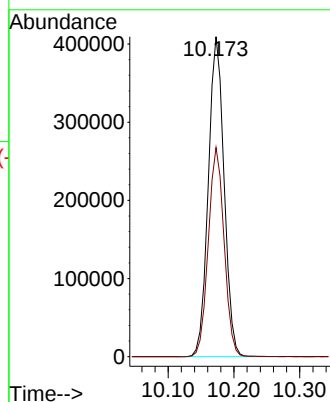
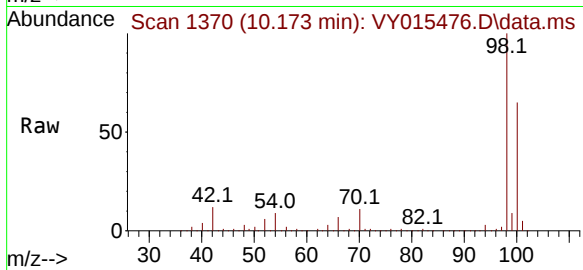
359

Tgt Ion: 98 Resp: 682981

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.344 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015476.D

Acq: 07 Sep 2023 18:57

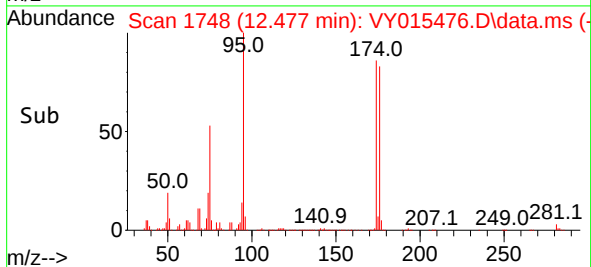
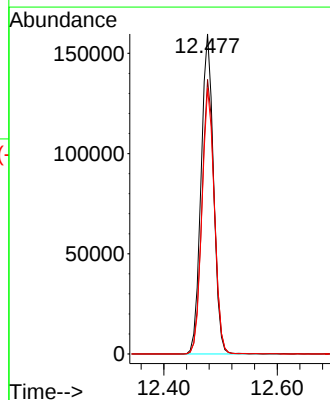
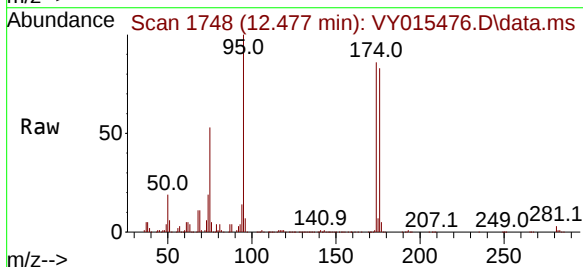
Tgt Ion: 95 Resp: 243509

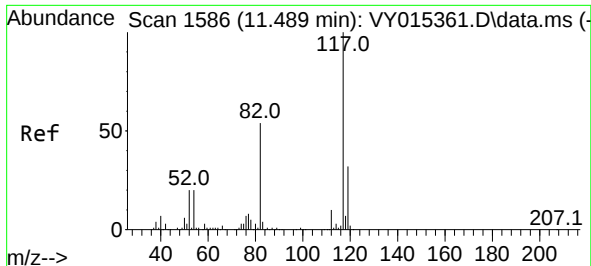
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 82.9 0.0 173.8

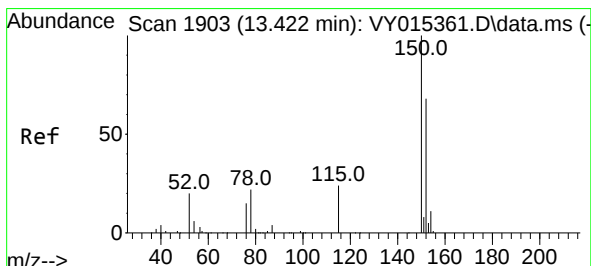
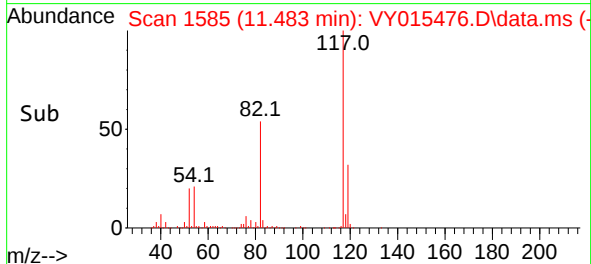
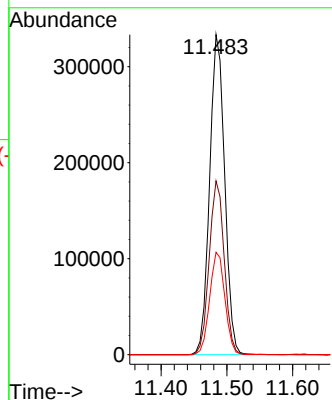
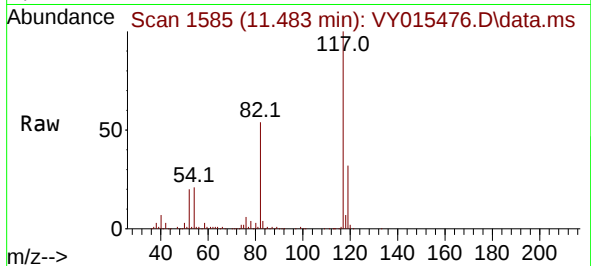




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :
359

Tgt Ion:117 Resp: 531199
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

Tgt Ion:152 Resp: 264240
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 156.1 0.0 348.8

