

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015735.D
 Acq On : 27 Sep 2023 19:28
 Operator : SY/MD
 Sample : 04627-19
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-10

Quant Time: Sep 28 00:49:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	122283	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	215987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83815	62.295	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.580%
35) Dibromofluoromethane	7.722	113	69246	53.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.120%
50) Toluene-d8	10.185	98	253753	57.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.780%
62) 4-Bromofluorobenzene	12.483	95	85101	49.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.940%

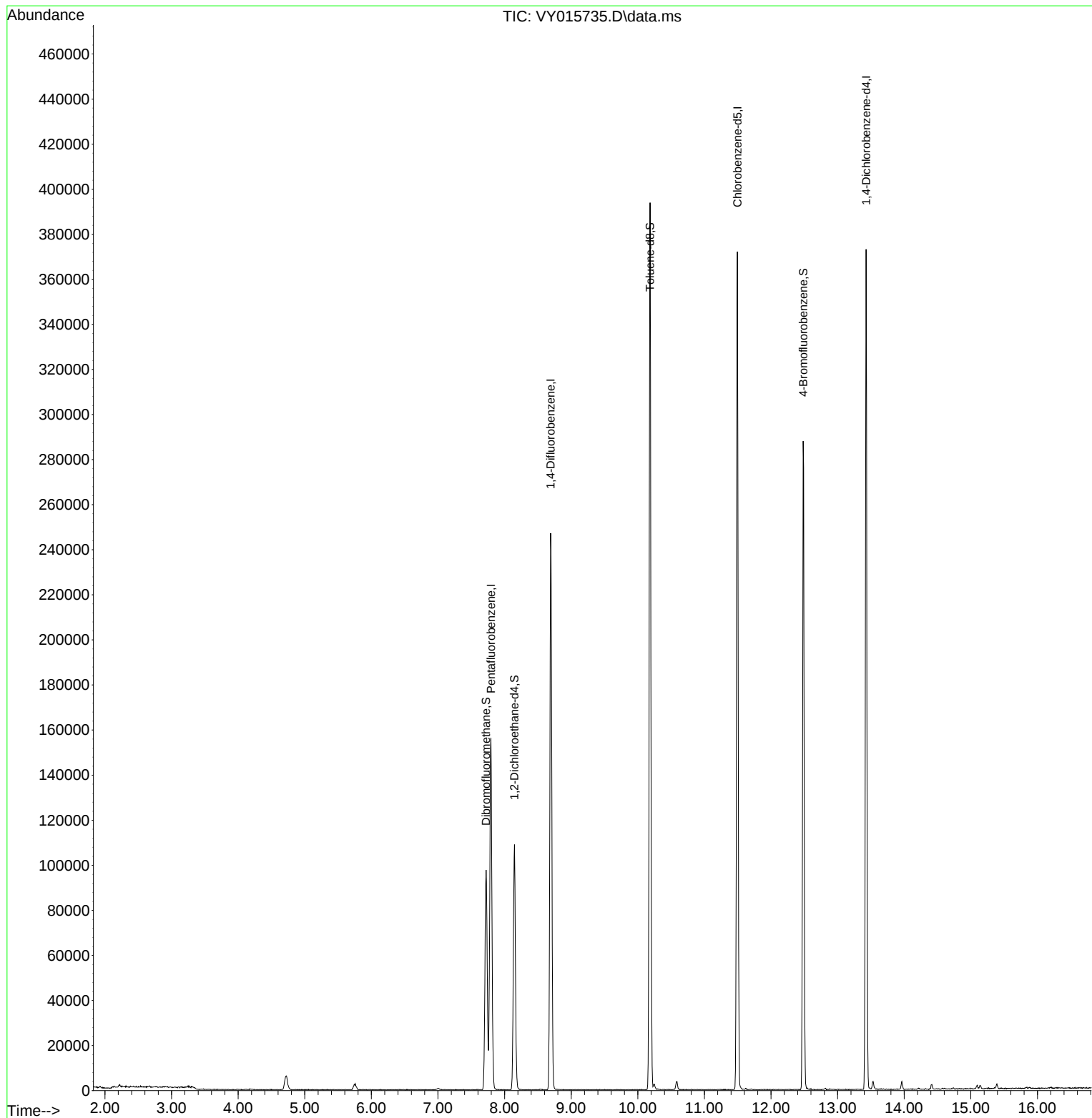
Target Compounds	Qvalue

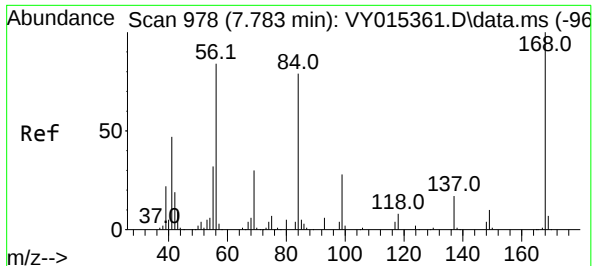
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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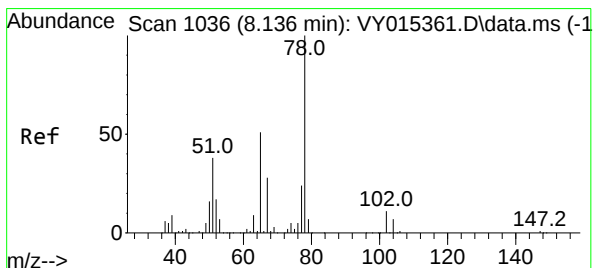
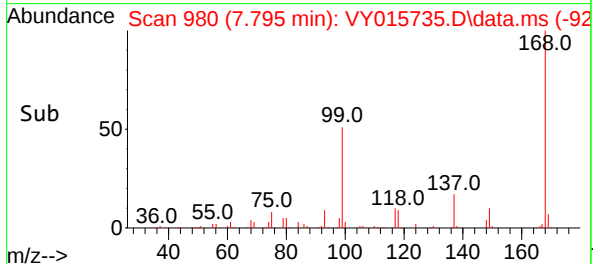
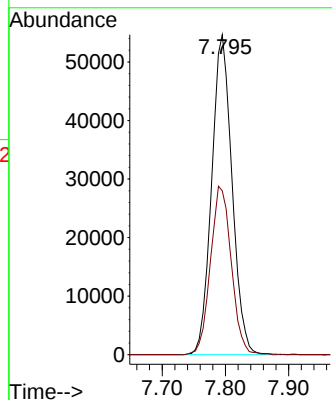
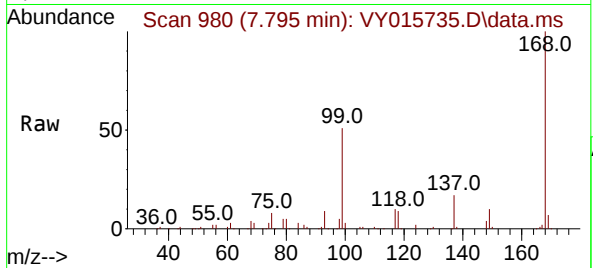




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

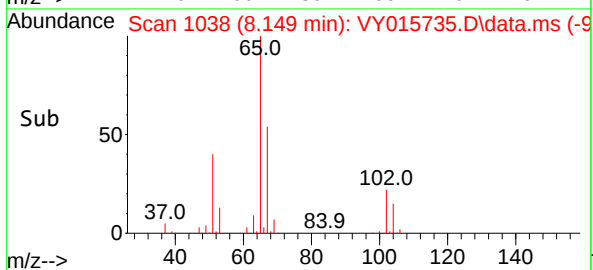
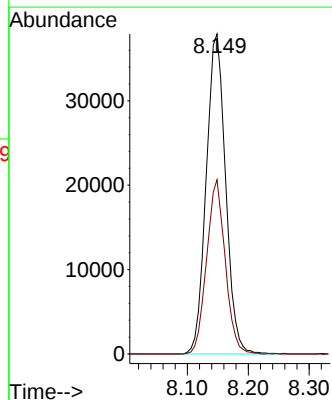
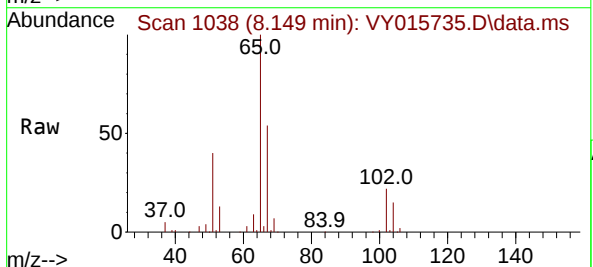
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-10

Tgt Ion:168 Resp: 122283
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.295 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Tgt Ion: 65 Resp: 83815
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-10

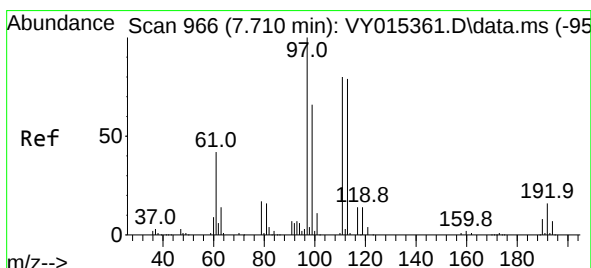
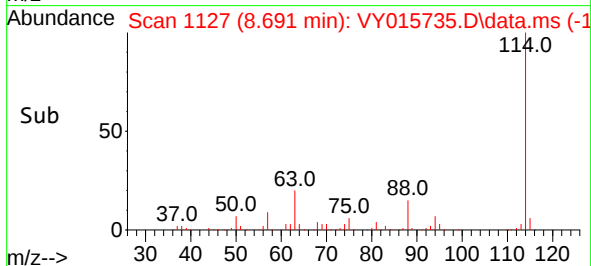
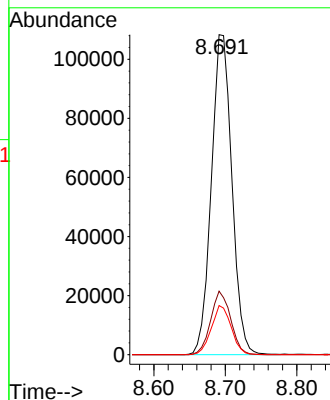
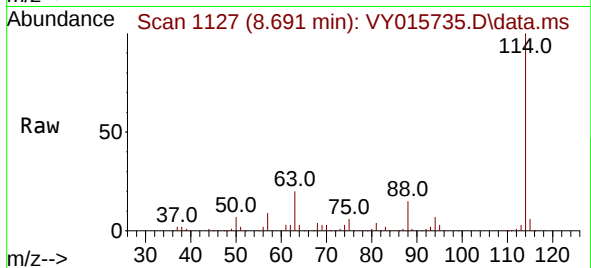
Tgt Ion:114 Resp: 215987

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.565 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

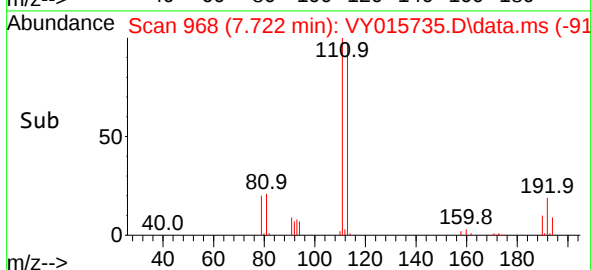
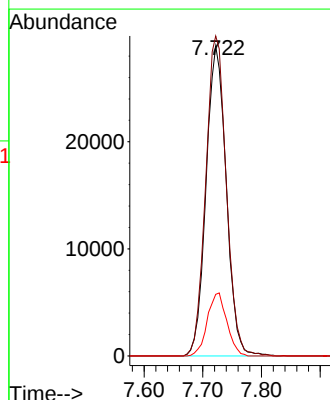
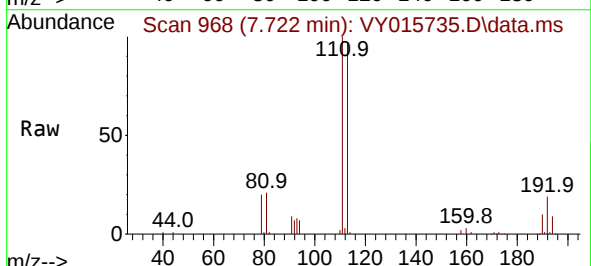
Tgt Ion:113 Resp: 69246

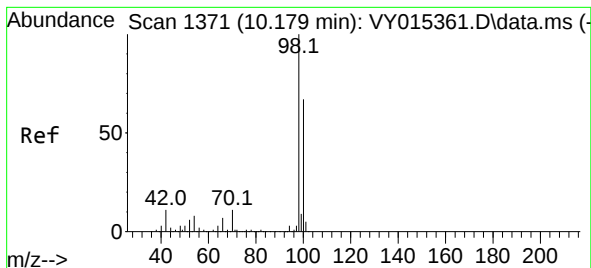
Ion Ratio Lower Upper

113 100

111 105.0 81.3 121.9

192 19.6 16.9 25.3





#50

Toluene-d8

Concen: 57.891 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

Instrument :

MSVOA_Y

ClientSampleId :

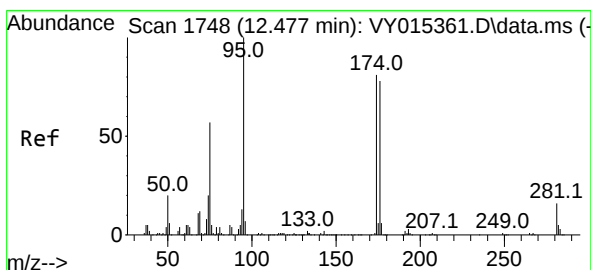
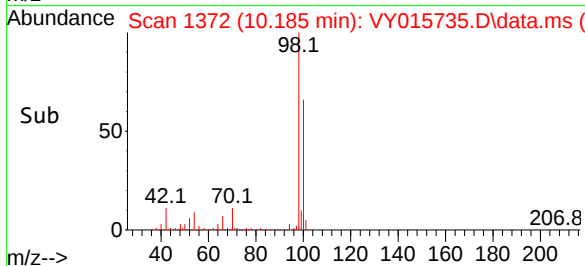
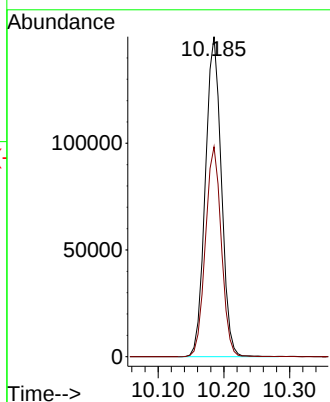
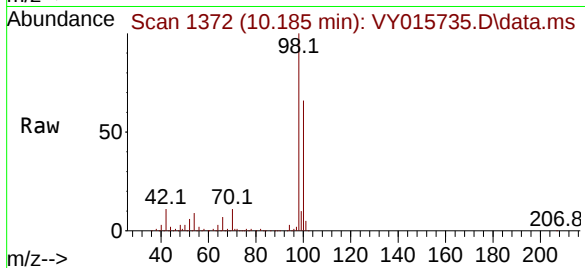
280-300FB-BACKFILL-10

Tgt Ion: 98 Resp: 253753

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.473 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

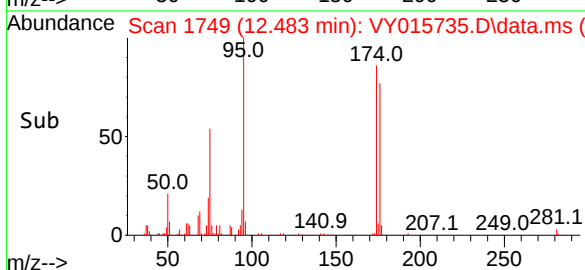
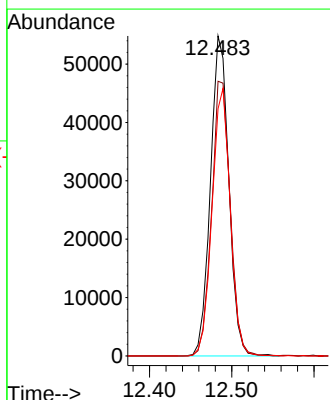
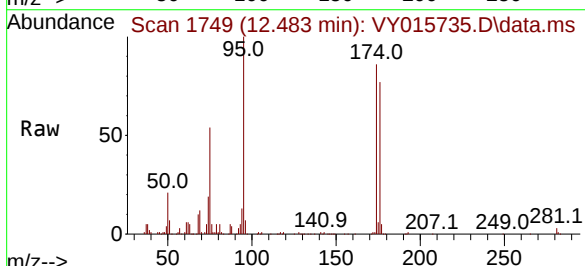
Tgt Ion: 95 Resp: 85101

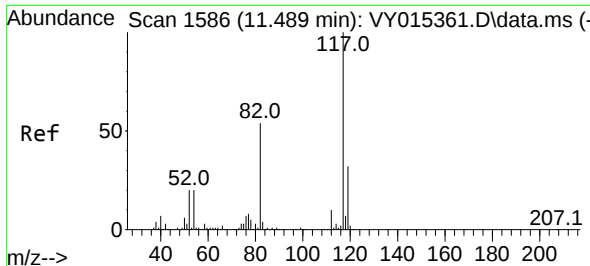
Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.2

176 83.0 0.0 173.8

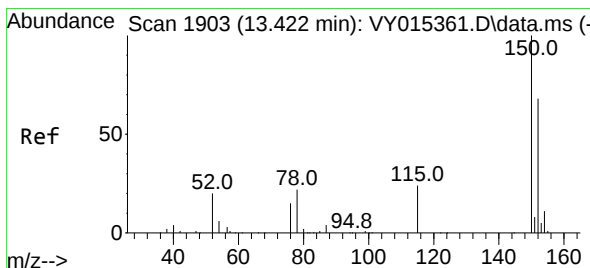
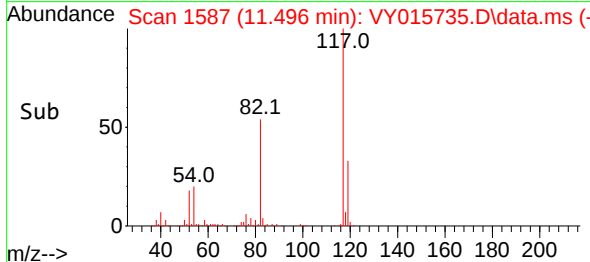
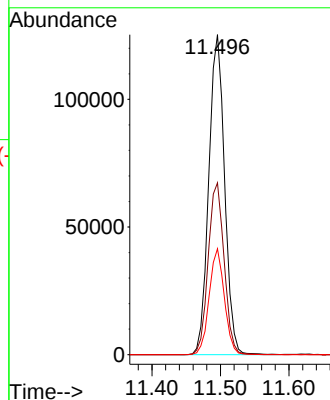
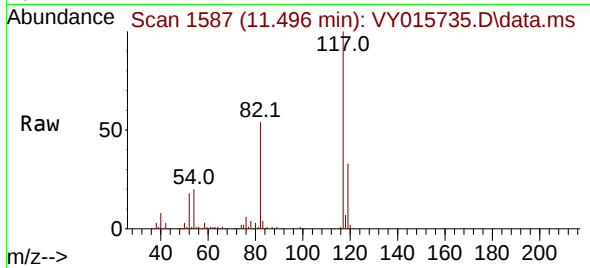




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-10

Tgt Ion:117 Resp: 201633
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Tgt Ion:152 Resp: 92700
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 157.7 0.0 348.8

