

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015586.D
 Acq On : 15 Sep 2023 22:52
 Operator : SY/MD
 Sample : VY0915SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0915SBL02

Quant Time: Sep 15 23:22:02 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	7.795	168	280405	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	478525	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	441181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	177051	58.901	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.800%
35) Dibromofluoromethane	7.722	113	152035	55.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.320%
50) Toluene-d8	10.185	98	562964	56.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.800%
62) 4-Bromofluorobenzene	12.489	95	194821	52.578	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.160%

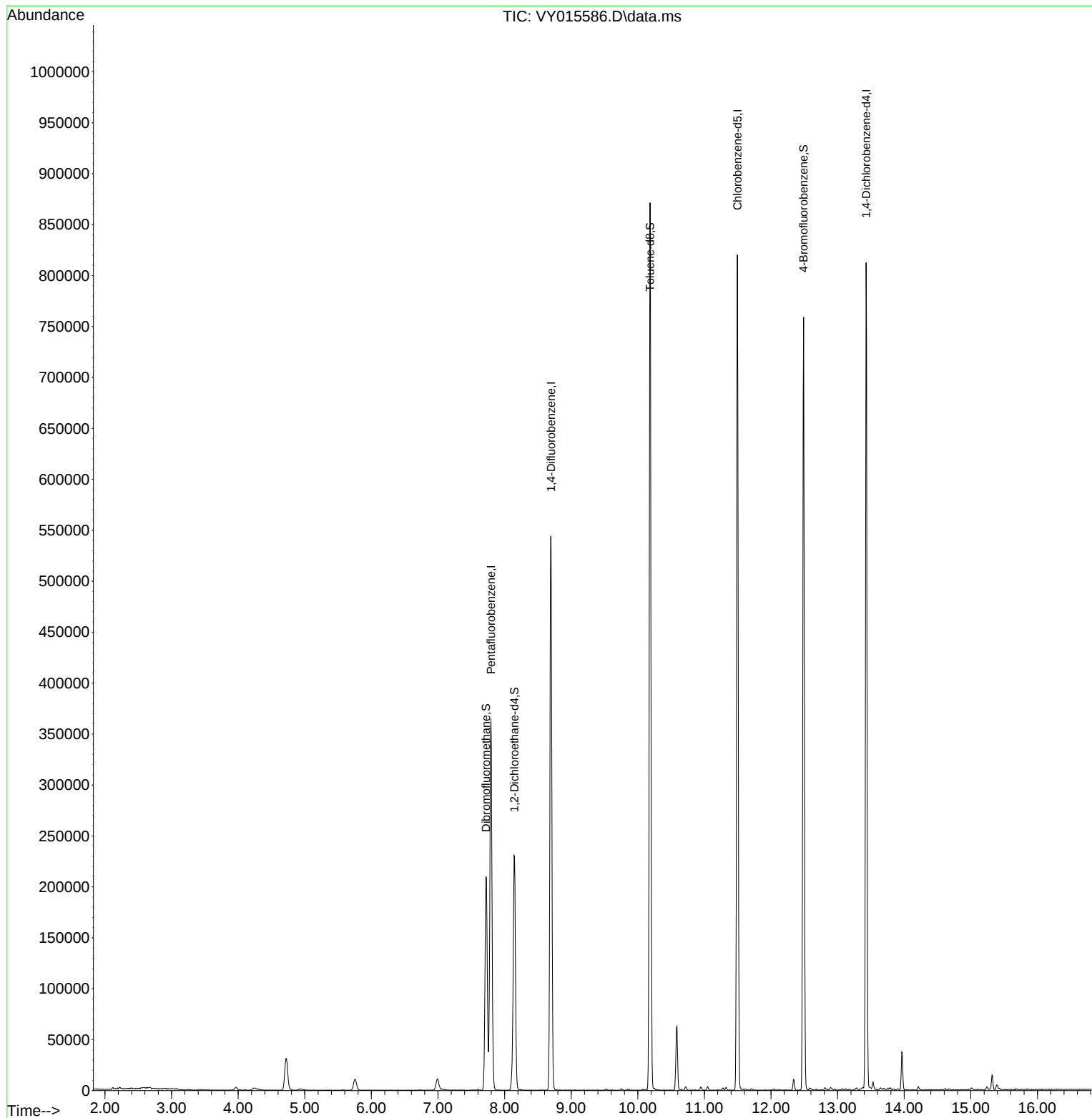
Target Compounds	Qvalue

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

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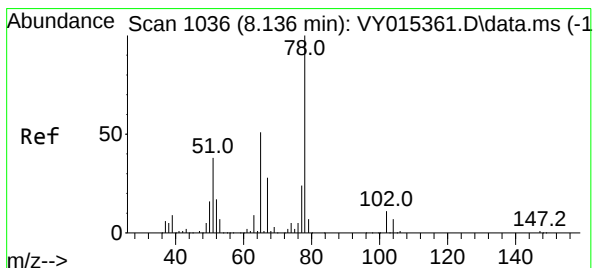
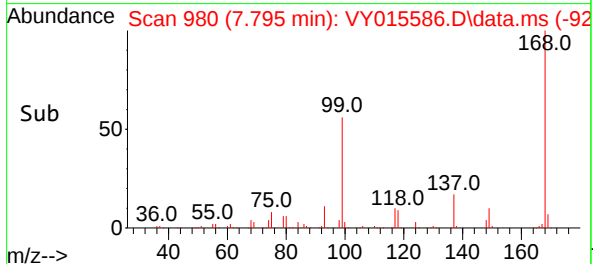
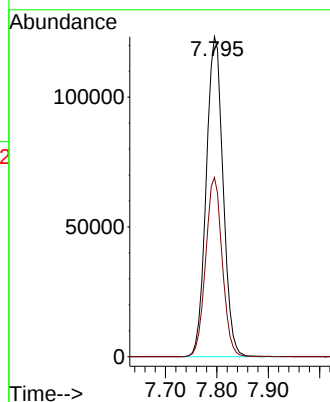
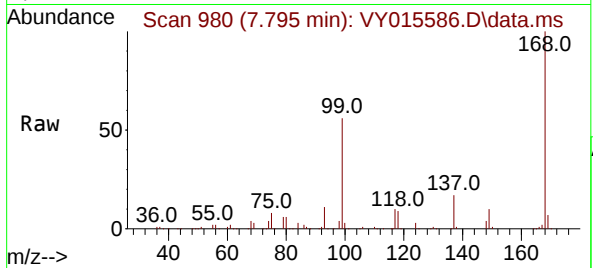




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

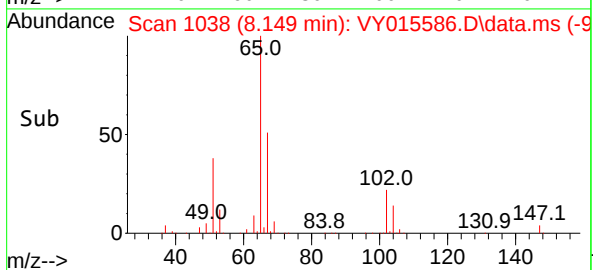
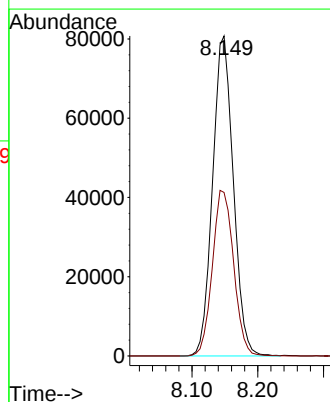
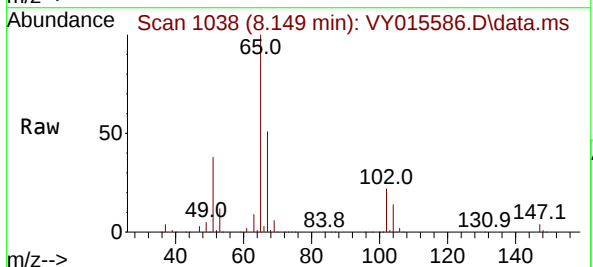
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBL02

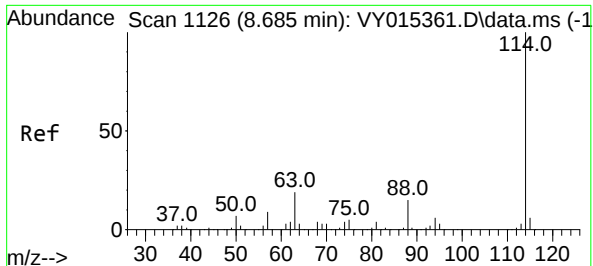
Tgt Ion:168 Resp: 280405
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.901 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

Tgt Ion: 65 Resp: 177051
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBL02

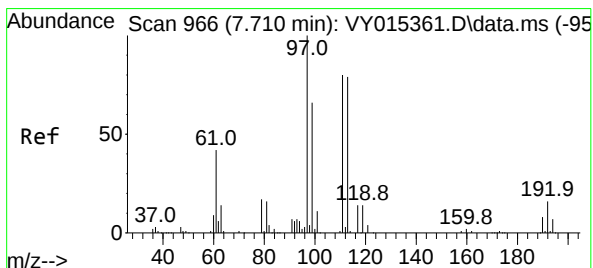
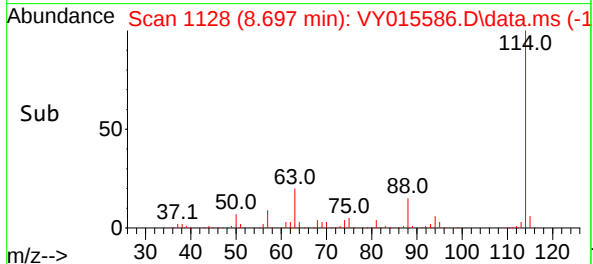
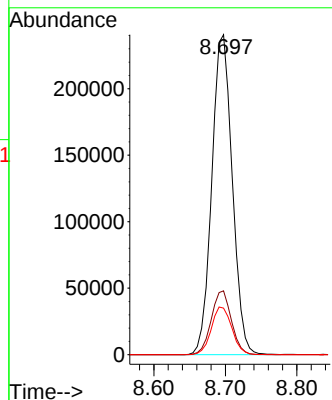
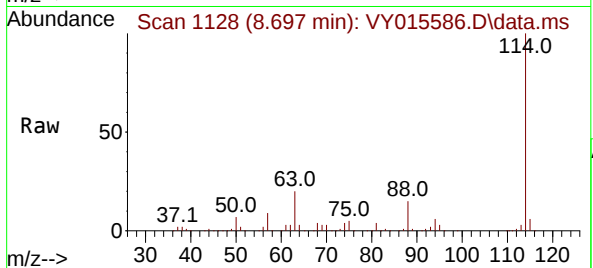
Tgt Ion:114 Resp: 478525

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.161 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

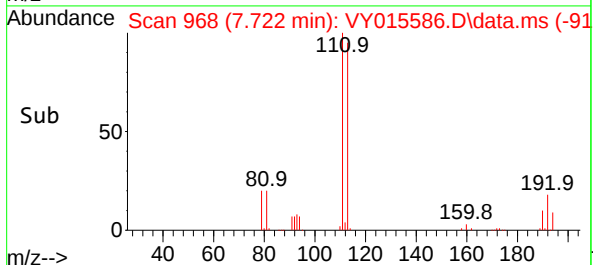
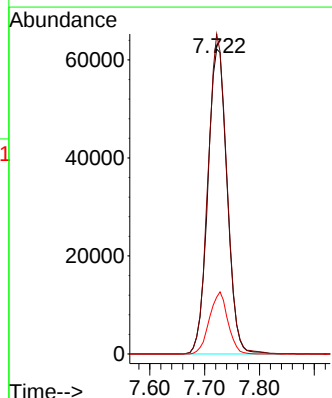
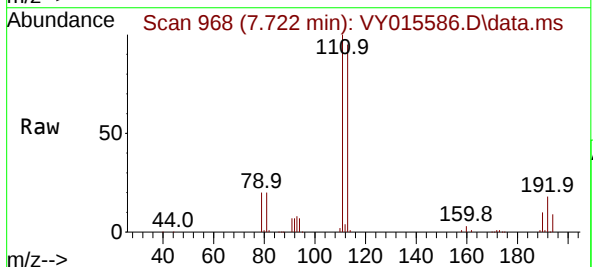
Tgt Ion:113 Resp: 152035

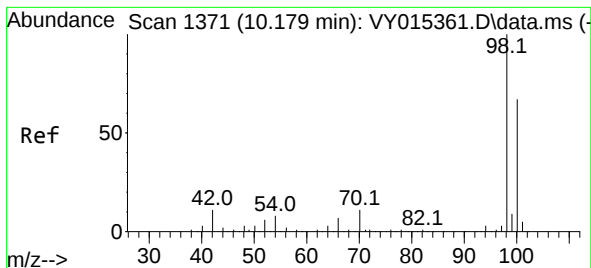
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.3 16.9 25.3





#50

Toluene-d8

Concen: 56.402 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

Instrument :

MSVOA_Y

ClientSampleId :

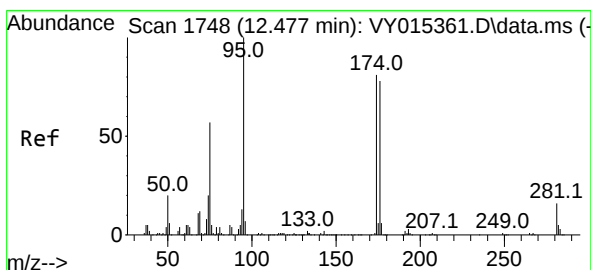
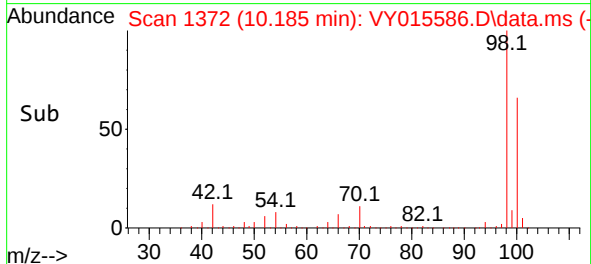
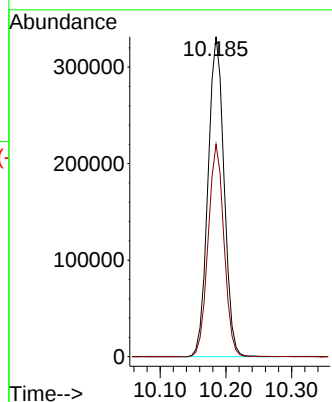
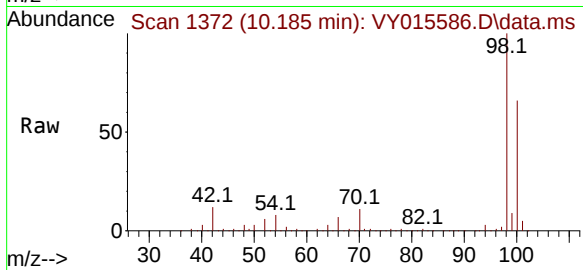
VY0915SBL02

Tgt Ion: 98 Resp: 562964

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.578 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

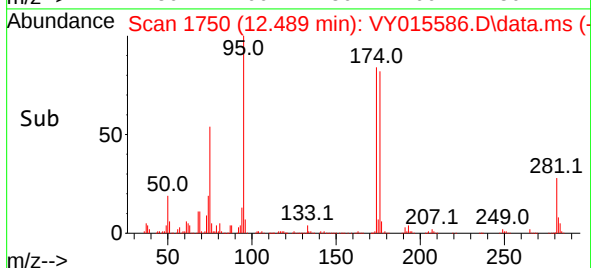
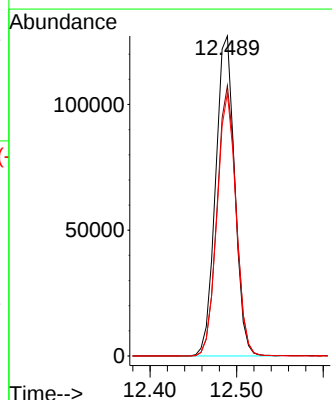
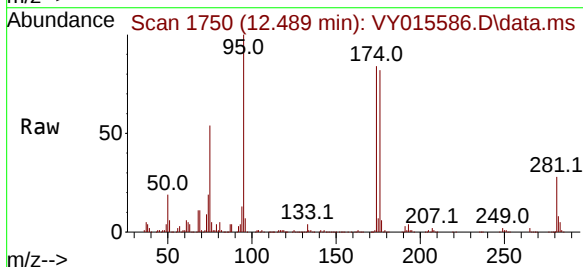
Tgt Ion: 95 Resp: 194821

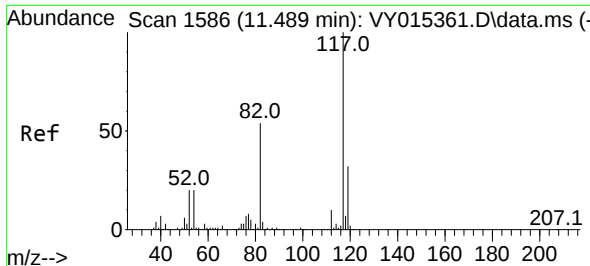
Ion Ratio Lower Upper

95 100

174 83.8 0.0 178.2

176 81.6 0.0 173.8

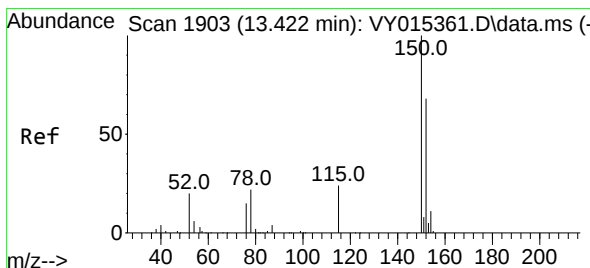
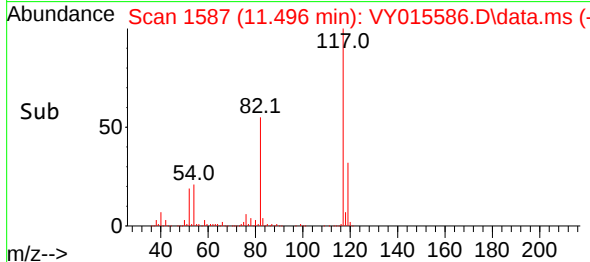
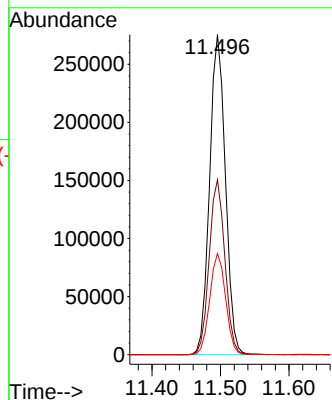
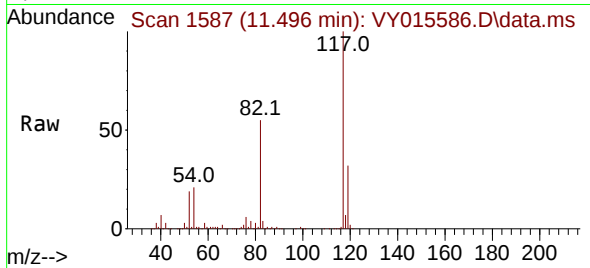




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBL02

Tgt Ion:117 Resp: 441181
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.6 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: VY015586.D
Acq: 15 Sep 2023 22:52

Tgt Ion:152 Resp: 205299
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 155.4 0.0 348.8

