

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015133.D
 Acq On : 16 Aug 2023 03:40
 Operator : SY/MD
 Sample : 03973-13RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-9.5-10.0RE

Quant Time: Aug 16 04:27:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	19058	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	31630	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	28948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11329	49.521	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.722	113	10109	49.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.185	98	35696	47.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.483	95	12483	45.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.240%

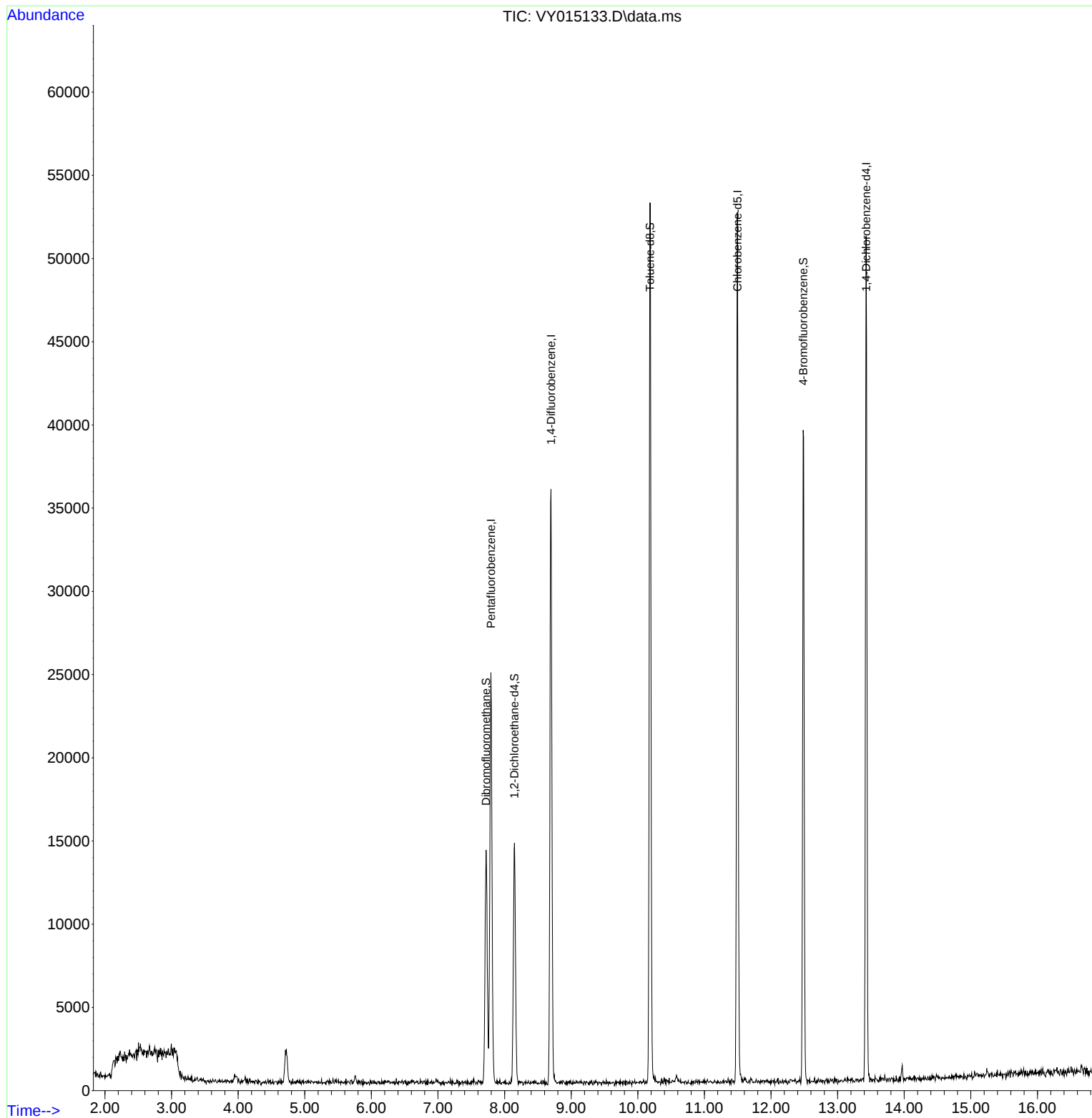
Target Compounds	Qvalue

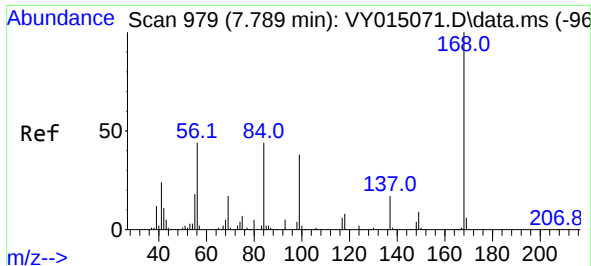
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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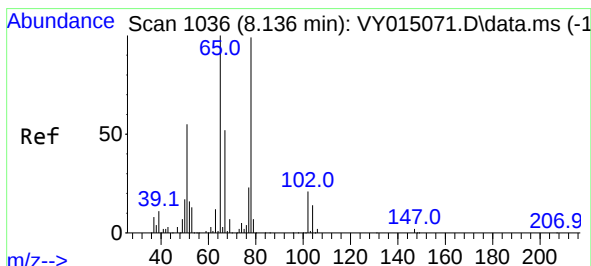
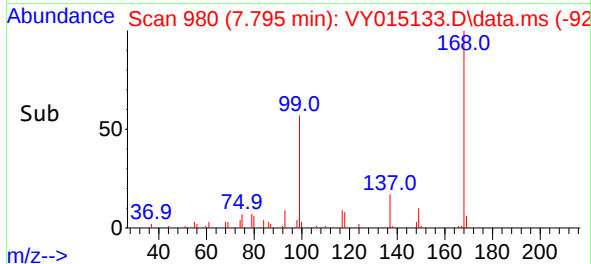
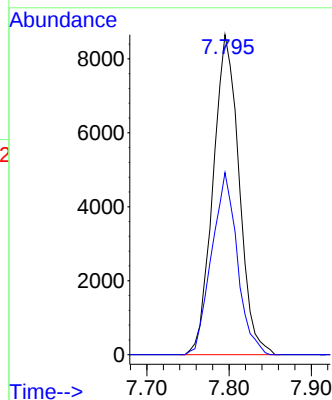
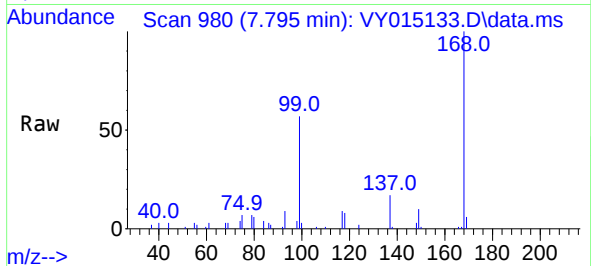




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

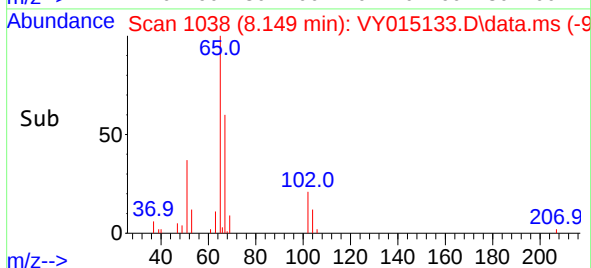
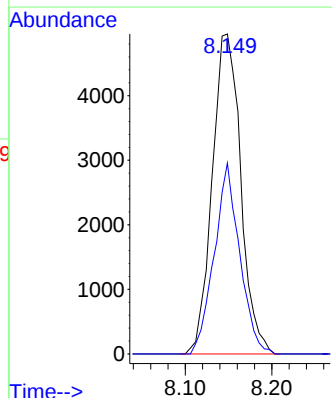
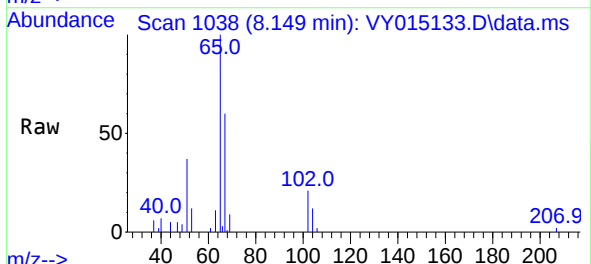
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-9.5-10.0RE

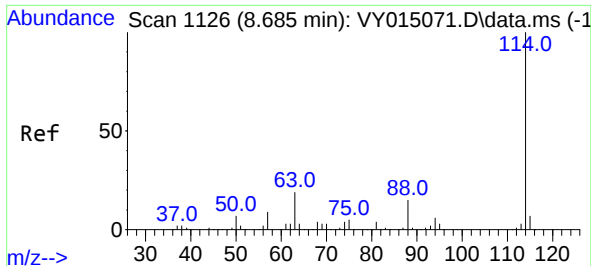
Tgt Ion:168 Resp: 19058
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.521 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Tgt Ion: 65 Resp: 11329
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: VY015133.D

Acq: 16 Aug 2023 03:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-9.5-10.0RE

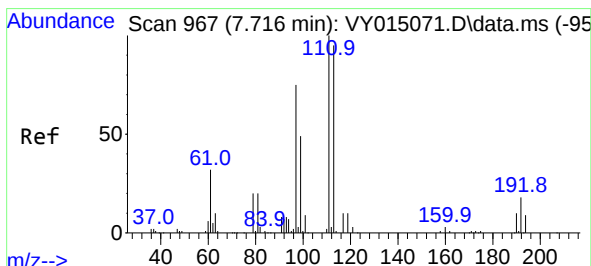
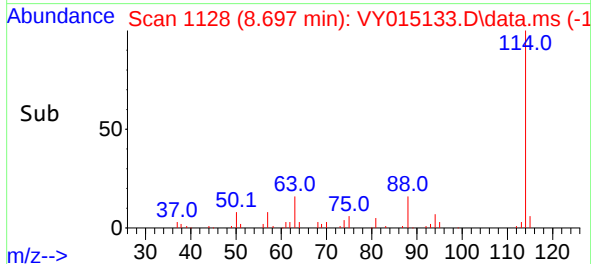
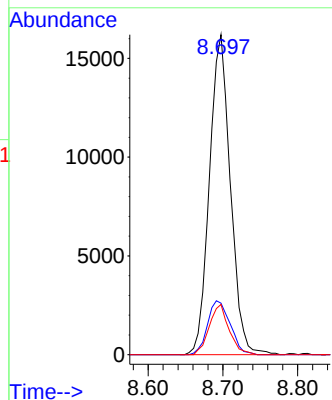
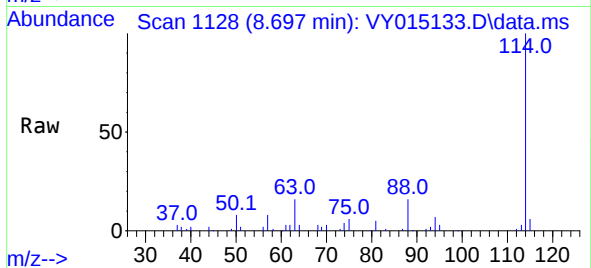
Tgt Ion:114 Resp: 31630

Ion Ratio Lower Upper

114 100

63 16.1 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015133.D

Acq: 16 Aug 2023 03:40

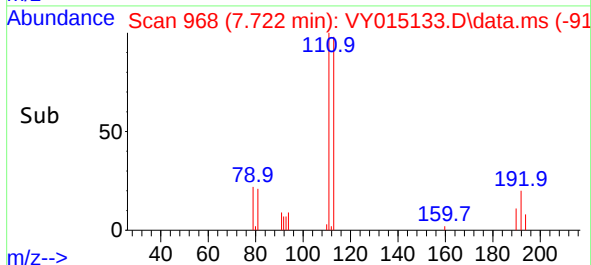
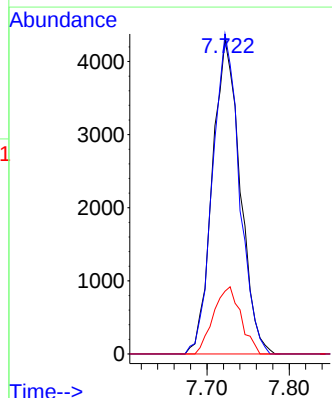
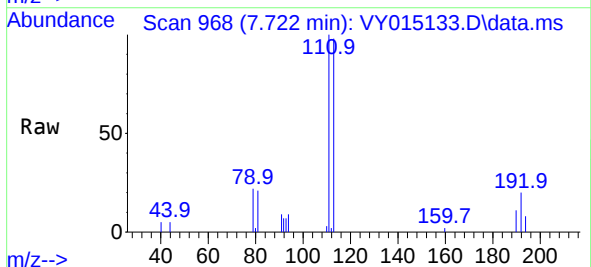
Tgt Ion:113 Resp: 10109

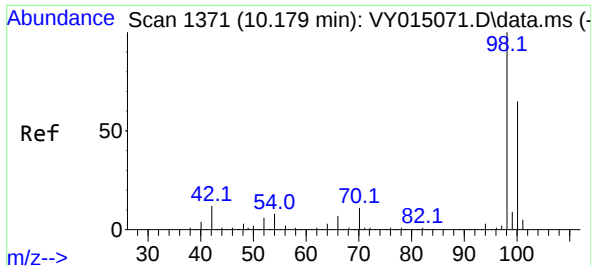
Ion Ratio Lower Upper

113 100

111 98.1 81.3 121.9

192 21.0 16.9 25.3

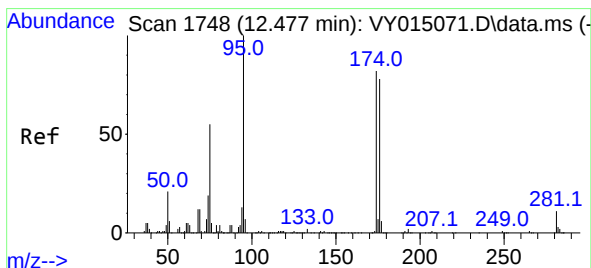
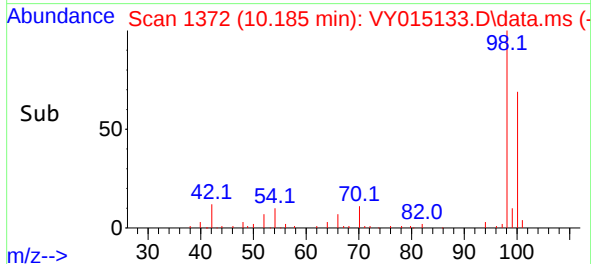
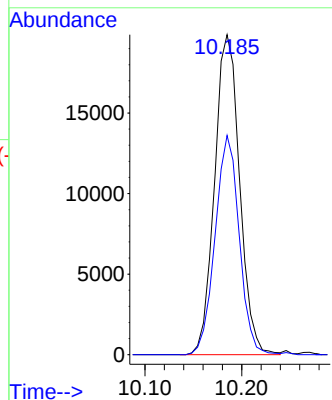
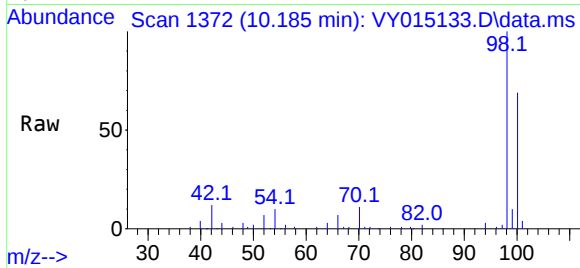




#50
Toluene-d8
Concen: 47.124 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

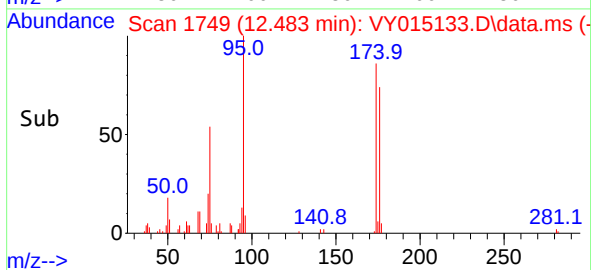
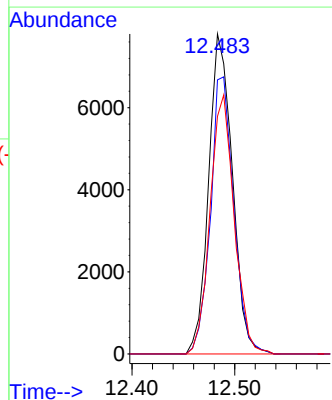
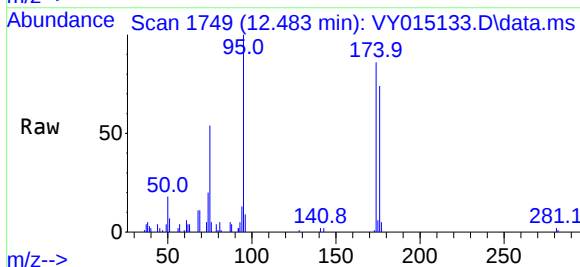
Instrument :
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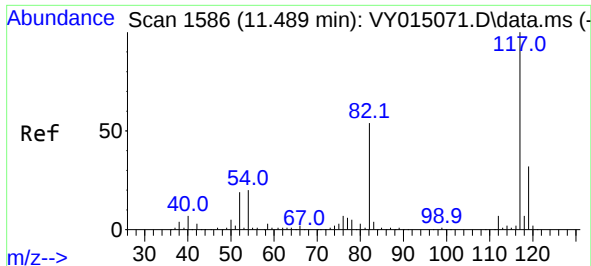
Tgt Ion: 98 Resp: 35696
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Tgt Ion: 95 Resp: 12483
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.3 0.0 173.8

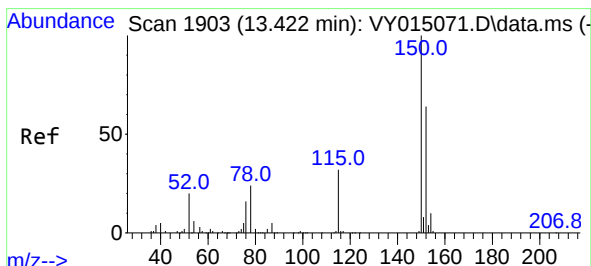
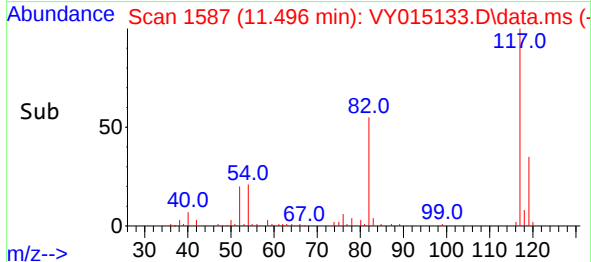
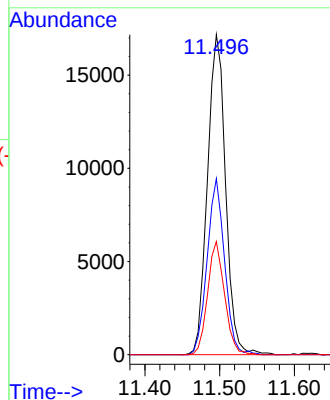
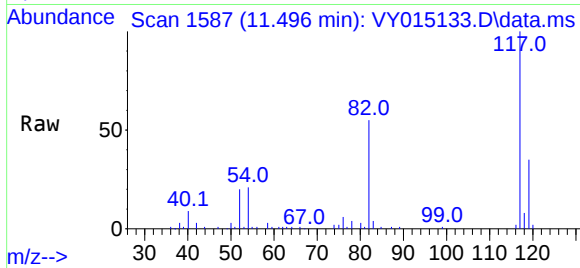




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015133.D
Acq: 16 Aug 2023 03:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-9.5-10.0RE

Tgt Ion:117 Resp: 28948
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 35.4 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: VY015133.D
Acq: 16 Aug 2023 03:40

Tgt Ion:152 Resp: 13577
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 152.9 0.0 348.8

