

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013807.D
 Acq On : 18 May 2023 18:03
 Operator : KP/MD
 Sample : 02832-01
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-22-K2-SO-64-051723

Quant Time: May 19 03:23:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	170620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	265945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115108	58.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.160%
35) Dibromofluoromethane	7.722	113	92599	51.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.185	98	342984	50.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.483	95	106103	46.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.740%

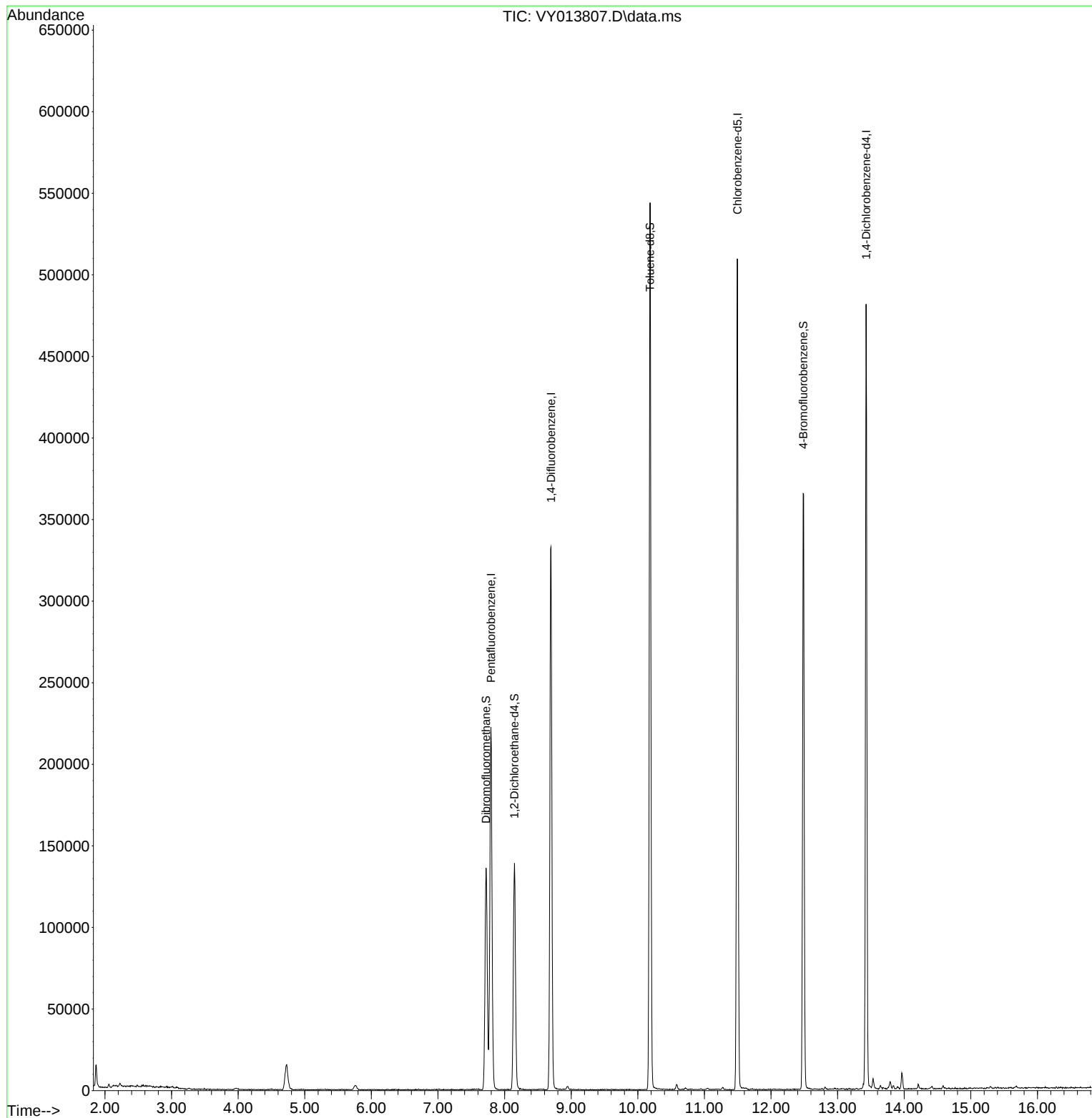
Target Compounds	Qvalue

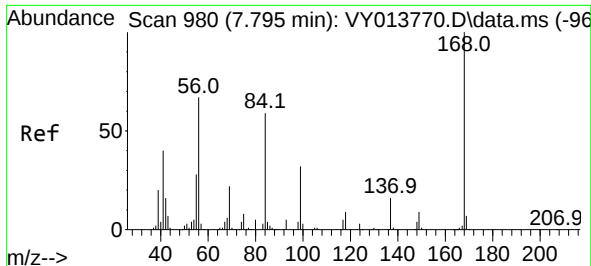
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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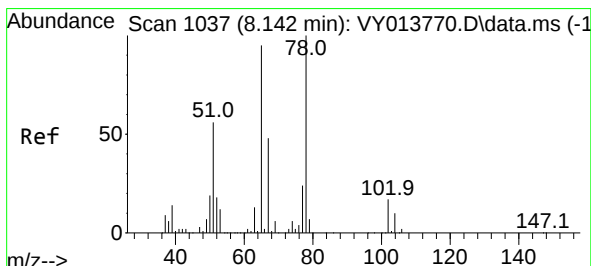
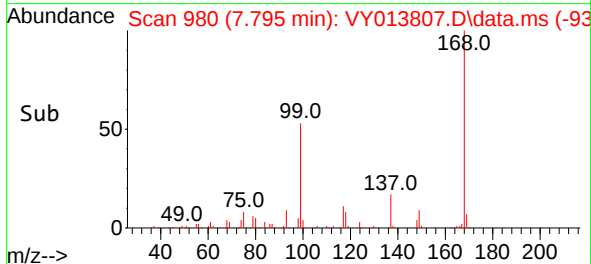
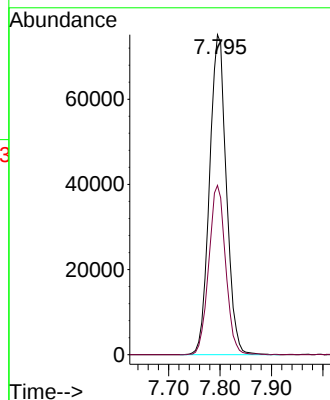
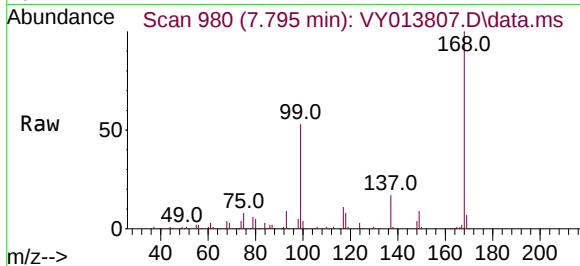




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

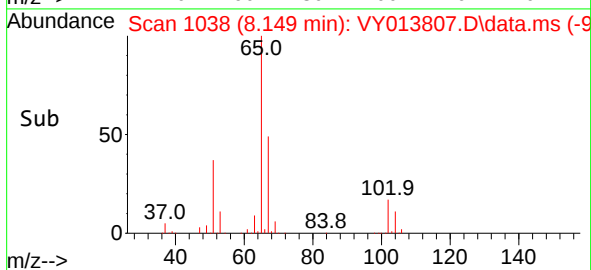
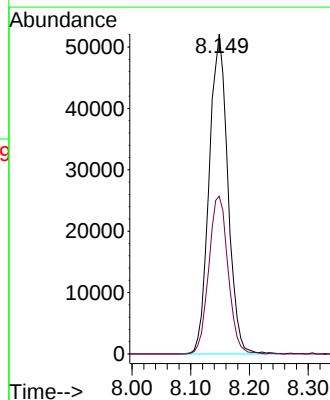
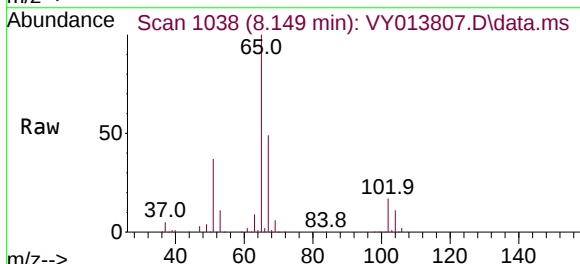
Instrument :
MSVOA_Y
ClientSampleId :
CB-22-K2-SO-64-051723

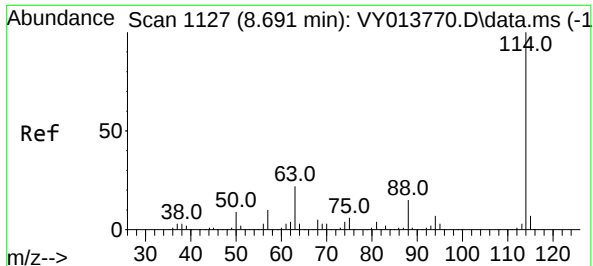
Tgt Ion:168 Resp: 170620
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.076 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

Tgt Ion: 65 Resp: 115108
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013807.D

Acq: 18 May 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

CB-22-K2-SO-64-051723

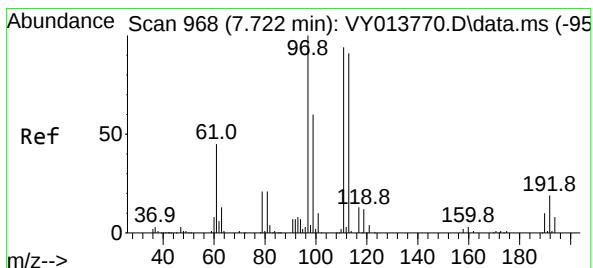
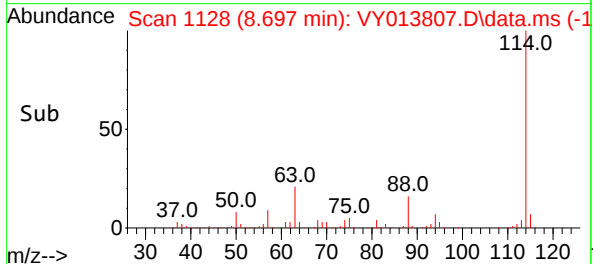
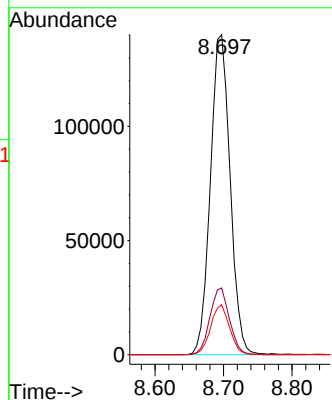
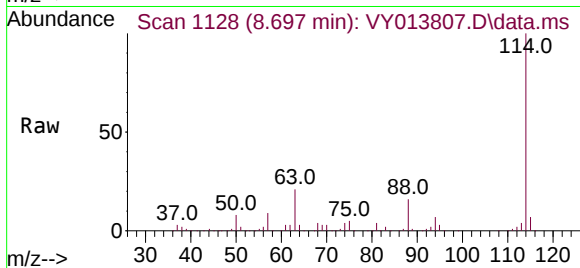
Tgt Ion:114 Resp: 280338

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.510 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013807.D

Acq: 18 May 2023 18:03

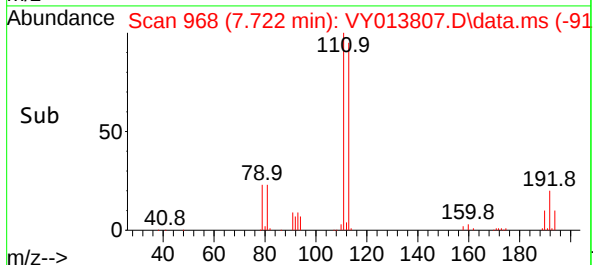
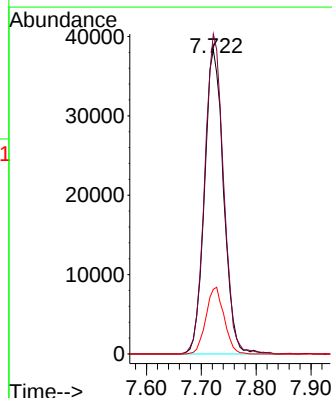
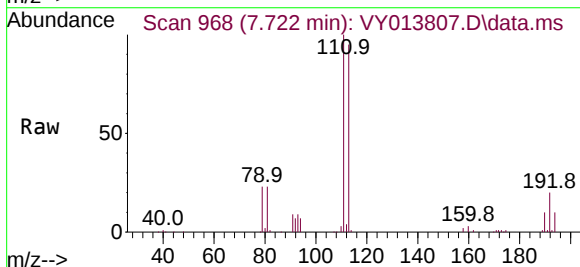
Tgt Ion:113 Resp: 92599

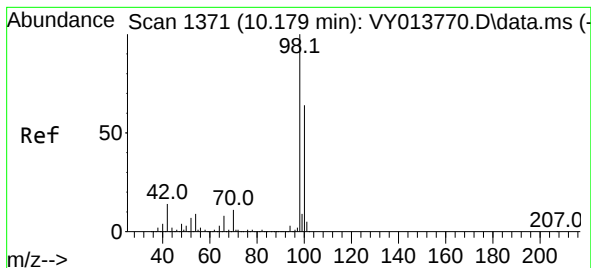
Ion Ratio Lower Upper

113 100

111 104.2 82.3 123.5

192 20.8 16.0 24.0





#50

Toluene-d8

Concen: 50.326 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013807.D

Acq: 18 May 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

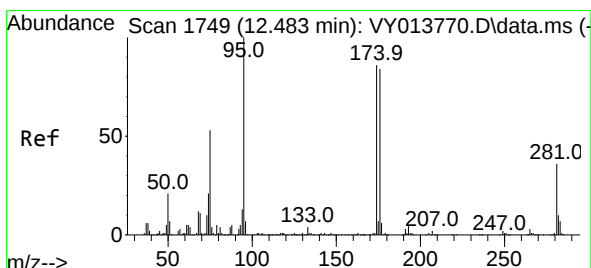
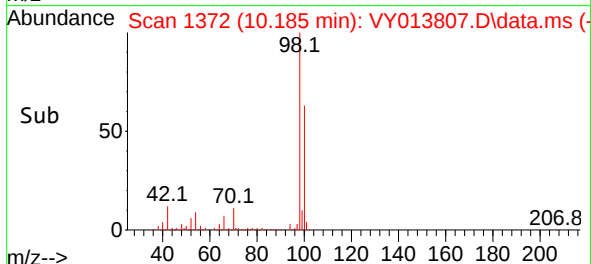
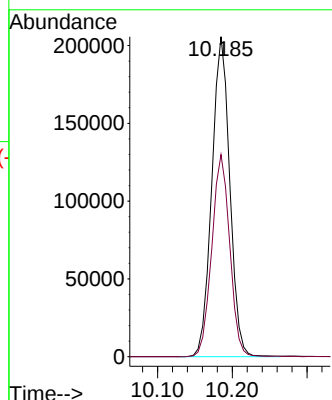
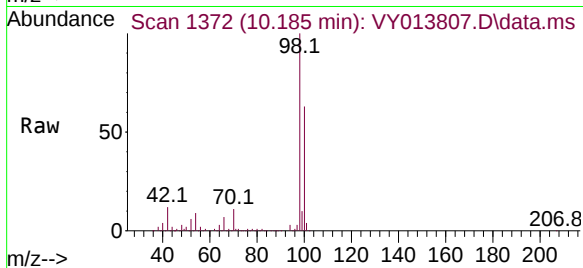
CB-22-K2-SO-64-051723

Tgt Ion: 98 Resp: 342984

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 46.871 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013807.D

Acq: 18 May 2023 18:03

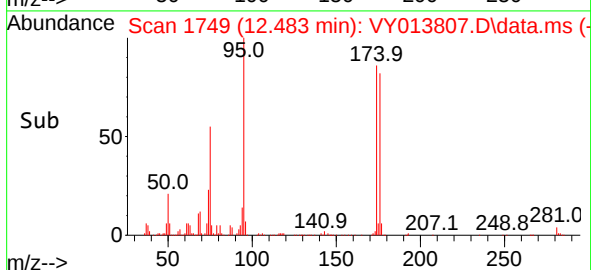
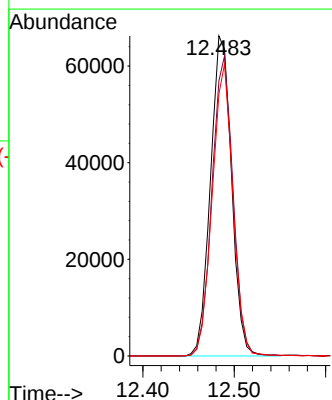
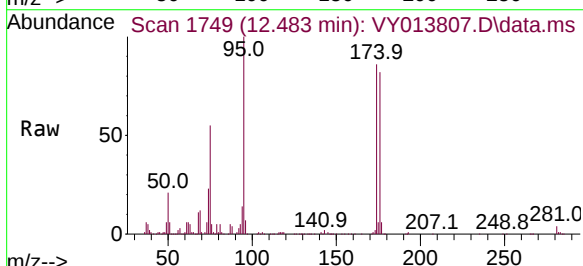
Tgt Ion: 95 Resp: 106103

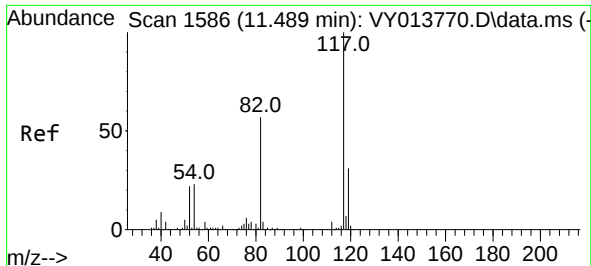
Ion Ratio Lower Upper

95 100

174 93.2 0.0 168.8

176 89.4 0.0 165.2

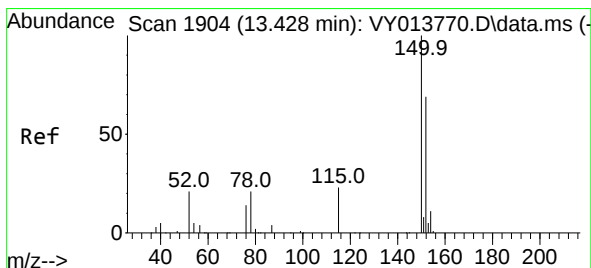
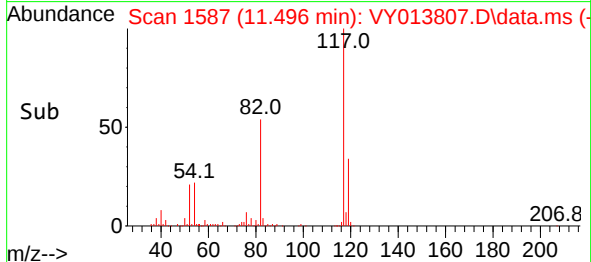
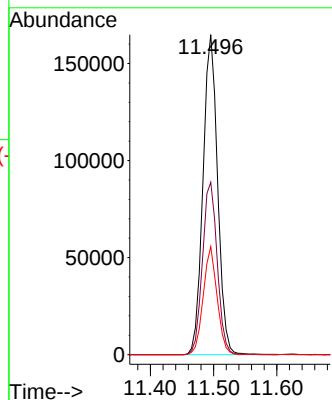
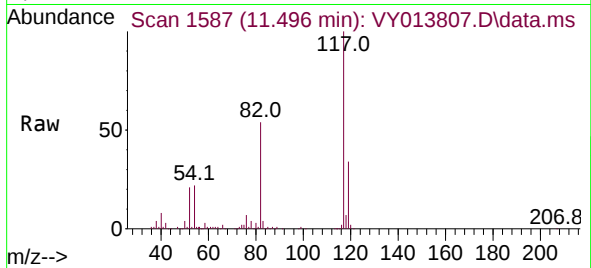




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

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MSVOA_Y
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CB-22-K2-SO-64-051723

Tgt Ion:117 Resp: 265945
Ion Ratio Lower Upper
117 100
82 53.9 45.5 68.3
119 33.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

Tgt Ion:152 Resp: 119211
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 156.4 0.0 347.0

