

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013867.D
 Acq On : 25 May 2023 12:52
 Operator : KP/MD
 Sample : 02891-01RE
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 290-328RE

Quant Time: May 25 15:20:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	101933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	162726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	159240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67928	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65278	55.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.700%
35) Dibromofluoromethane	7.722	113	58245	55.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.185	98	197833	49.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.483	95	57679	43.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.880%

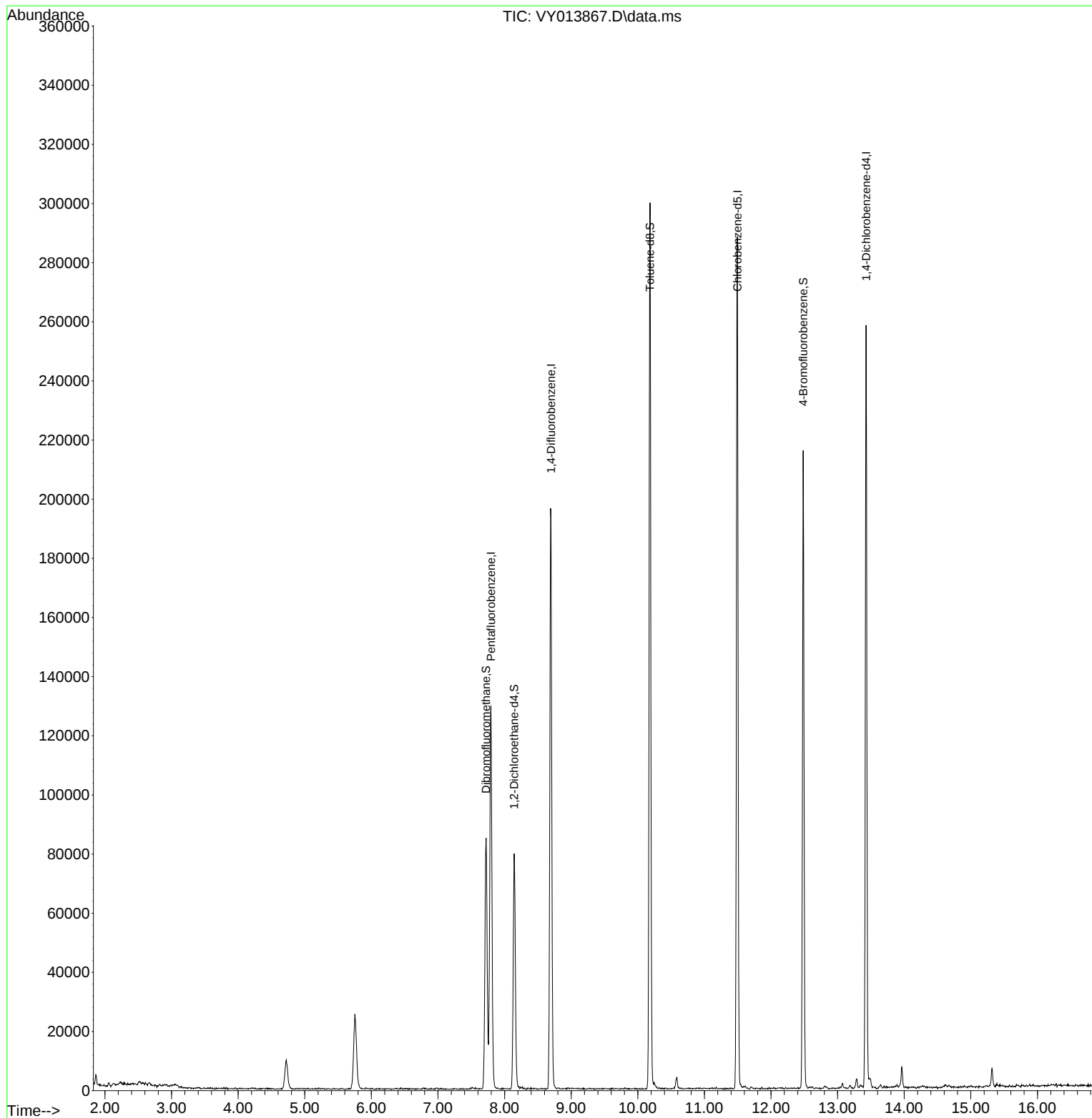
Target Compounds	Qvalue

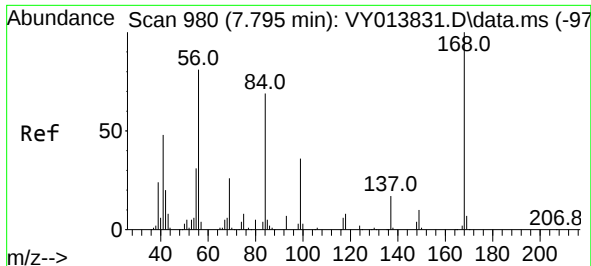
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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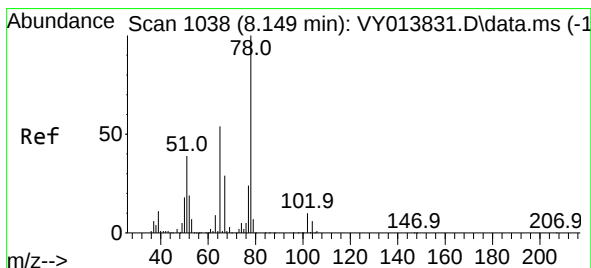
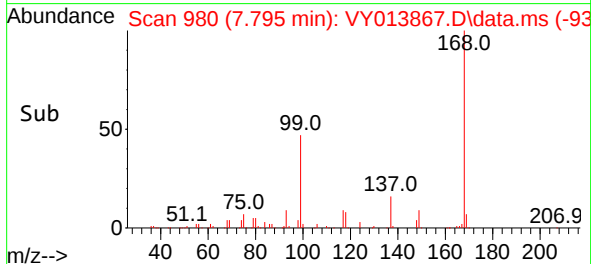
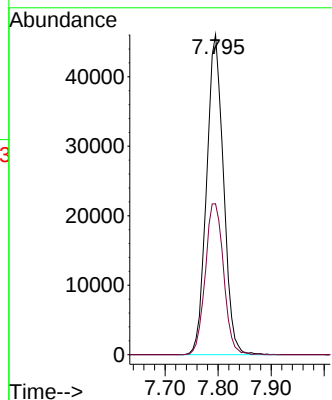
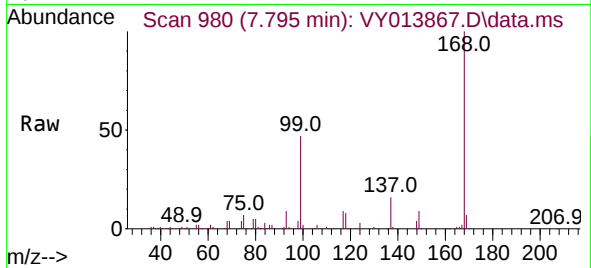




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013867.D
Acq: 25 May 2023 12:52

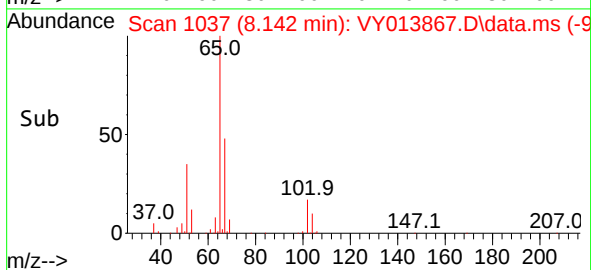
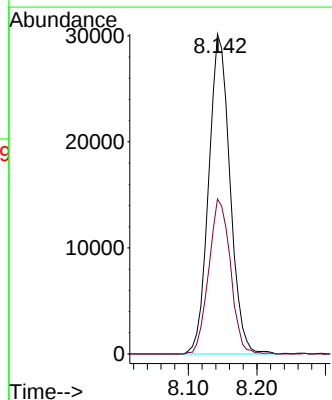
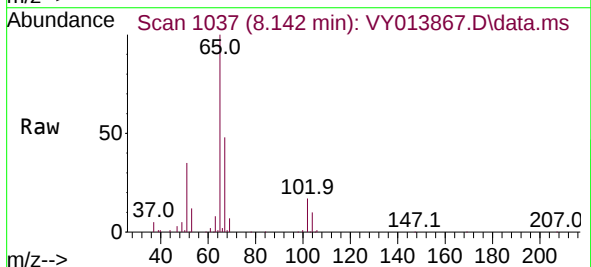
Instrument :
MSVOA_Y
ClientSampleId :
290-328RE

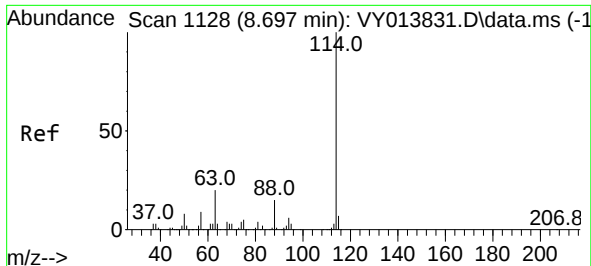
Tgt Ion:168 Resp: 101933
Ion Ratio Lower Upper
168 100
99 47.2 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 55.355 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013867.D
Acq: 25 May 2023 12:52

Tgt Ion: 65 Resp: 65278
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.4

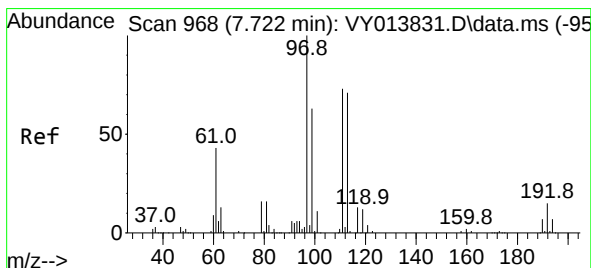
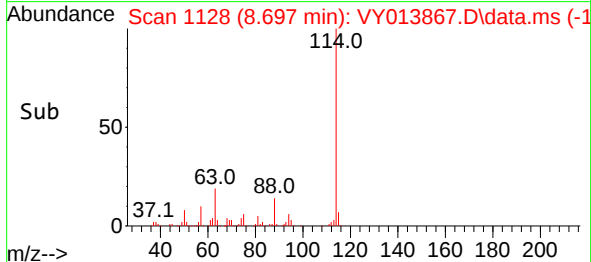
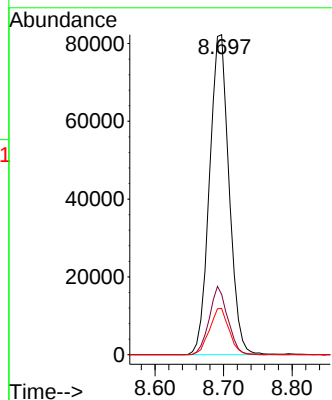
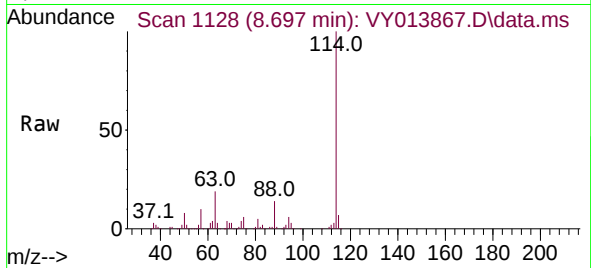




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY013867.D
Acq: 25 May 2023 12:52

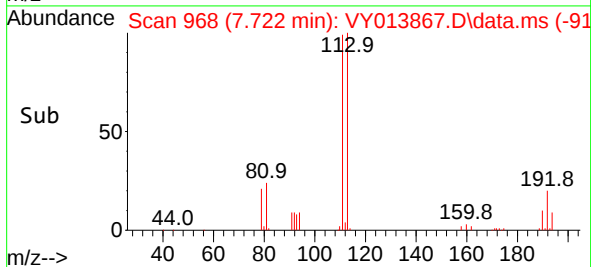
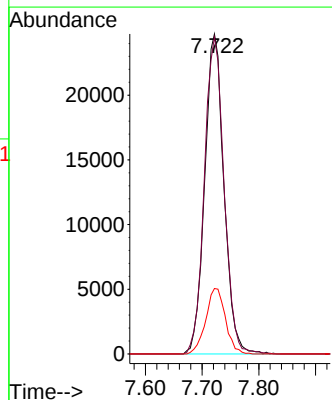
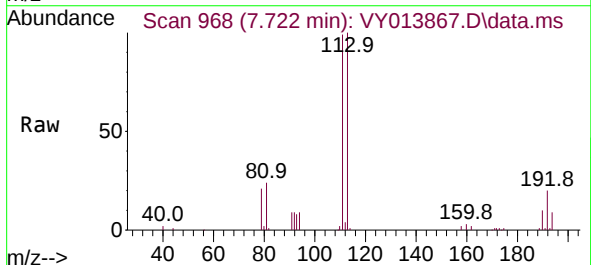
Instrument :
MSVOA_Y
ClientSampleId :
290-328RE

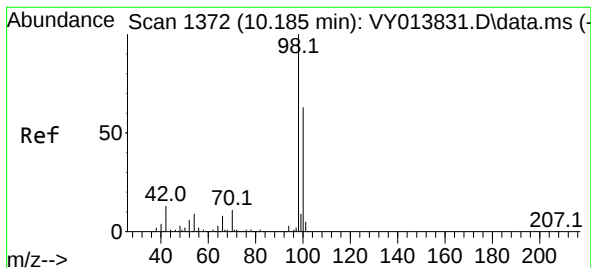
Tgt Ion:114 Resp: 162726
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.2
88 14.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 55.424 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY013867.D
Acq: 25 May 2023 12:52

Tgt Ion:113 Resp: 58245
Ion Ratio Lower Upper
113 100
111 101.5 80.4 120.6
192 20.9 16.6 25.0





#50

Toluene-d8

Concen: 49.531 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013867.D

Acq: 25 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

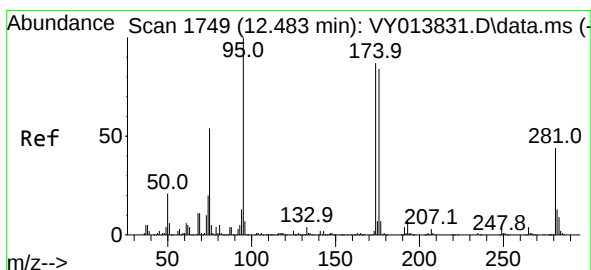
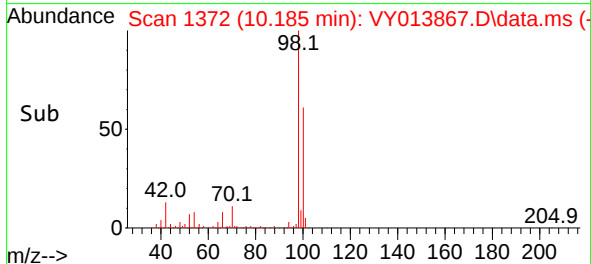
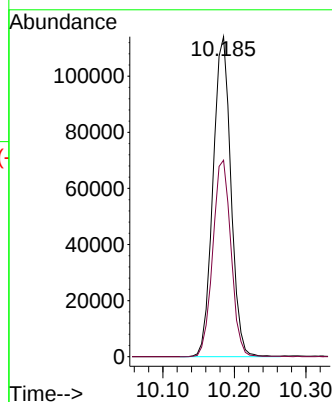
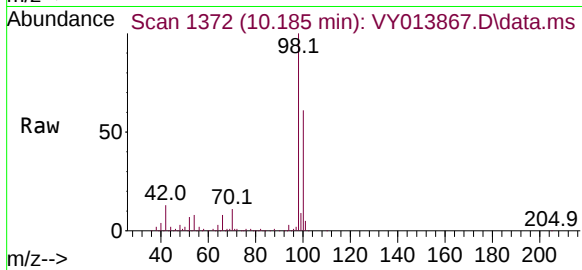
290-328RE

Tgt Ion: 98 Resp: 197833

Ion Ratio Lower Upper

98 100

100 62.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 43.445 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013867.D

Acq: 25 May 2023 12:52

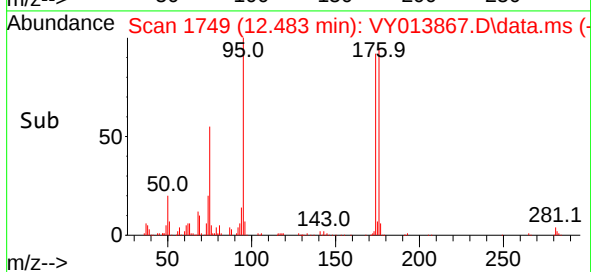
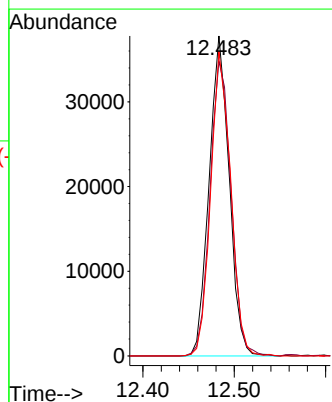
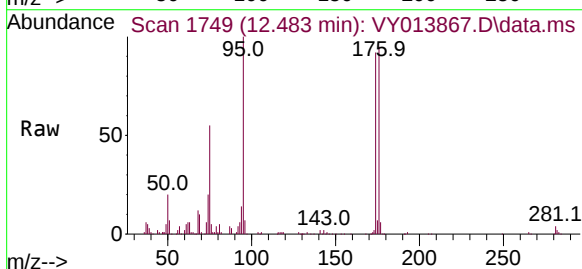
Tgt Ion: 95 Resp: 57679

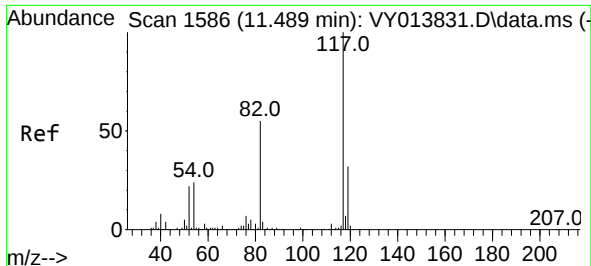
Ion Ratio Lower Upper

95 100

174 96.4 0.0 176.0

176 94.5 0.0 170.2

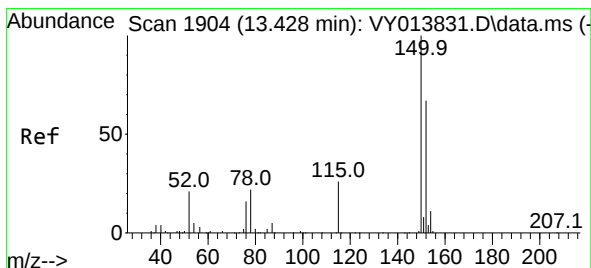
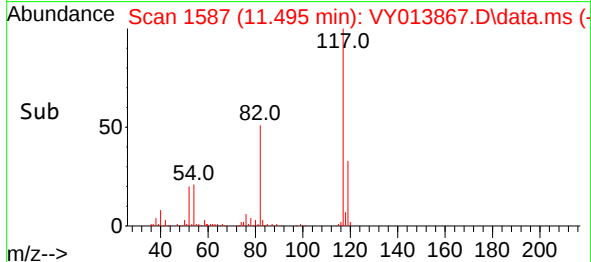
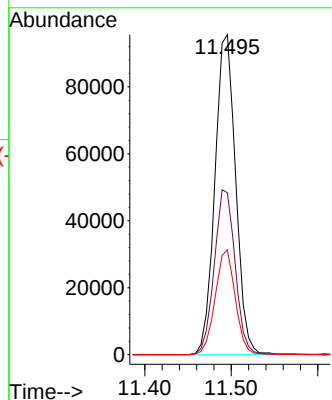
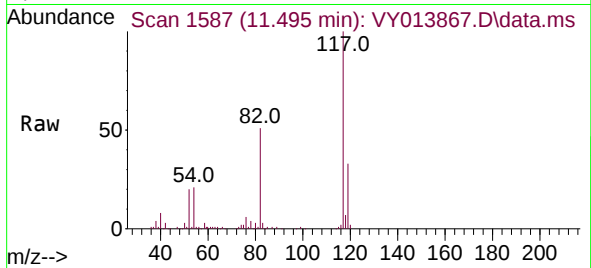




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013867.D
Acq: 25 May 2023 12:52

Instrument :
MSVOA_Y
ClientSampleId :
290-328RE

Tgt Ion:117 Resp: 159240
Ion Ratio Lower Upper
117 100
82 50.6 44.2 66.4
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013867.D
Acq: 25 May 2023 12:52

Tgt Ion:152 Resp: 67928
Ion Ratio Lower Upper
152 100
115 55.7 28.8 86.5
150 153.8 0.0 353.4

