

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013788.D
 Acq On : 17 May 2023 19:57
 Operator : KP/MD
 Sample : 02812-15
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WG-0516-B2-0-2

Quant Time: May 18 07:18:50 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	164638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	260081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114580	59.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.820%
35) Dibromofluoromethane	7.722	113	96297	53.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.185	98	342907	50.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.483	95	103715	45.701	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.400%

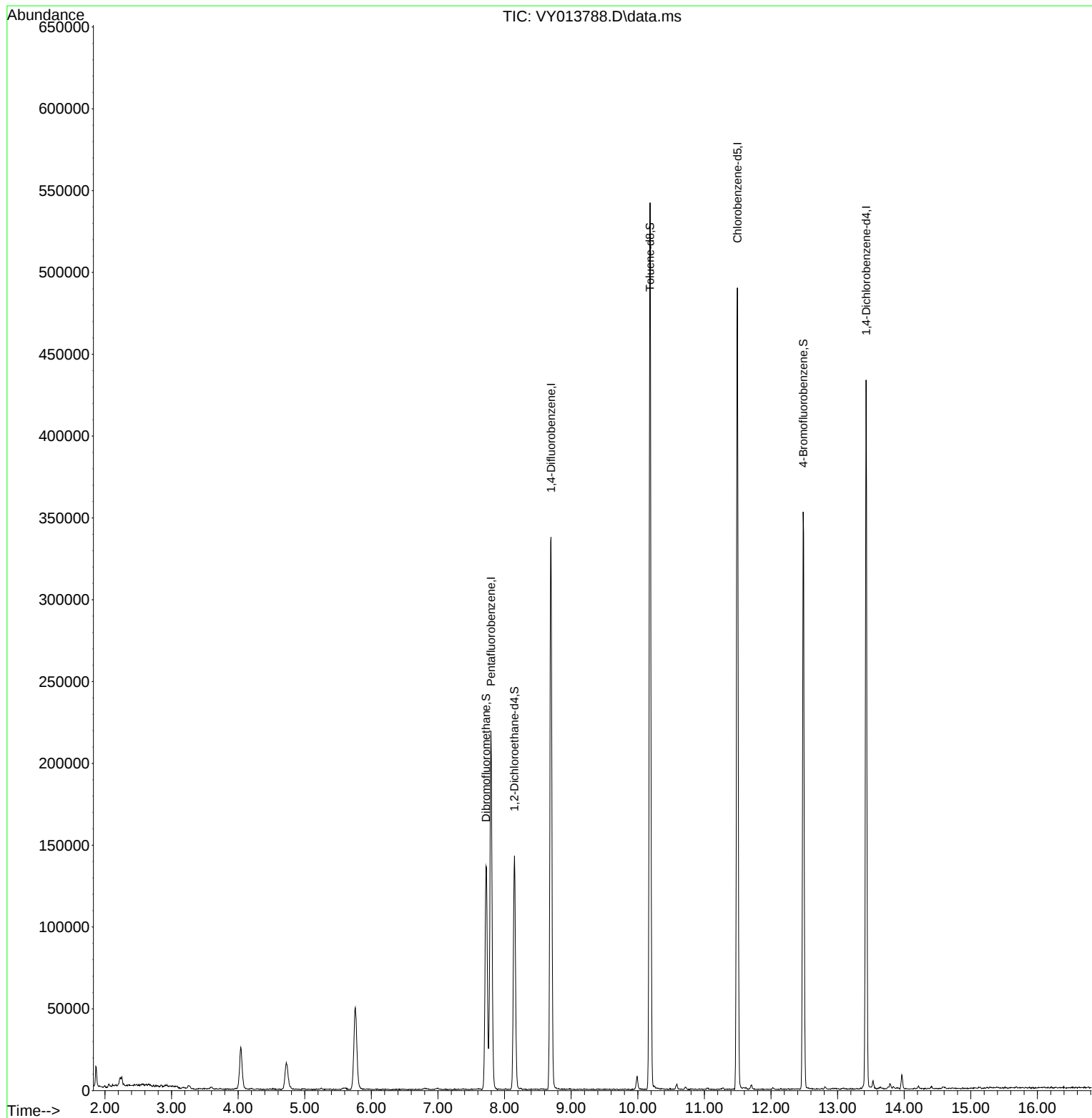
Target Compounds	Qvalue

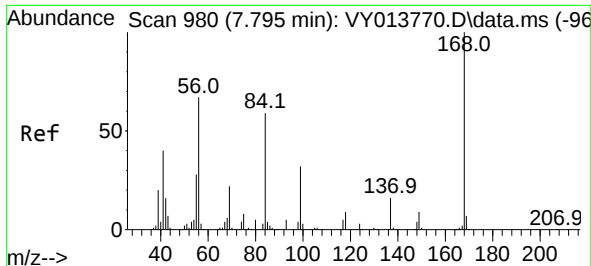
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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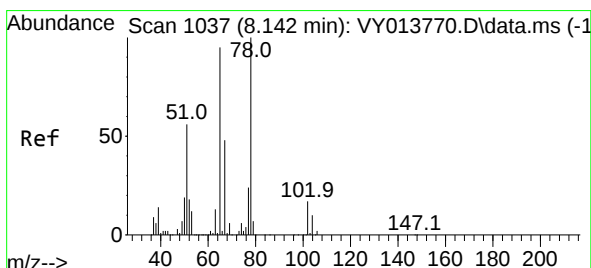
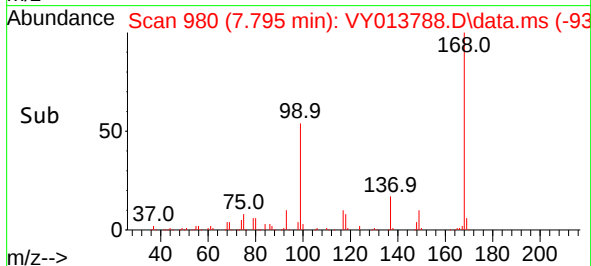
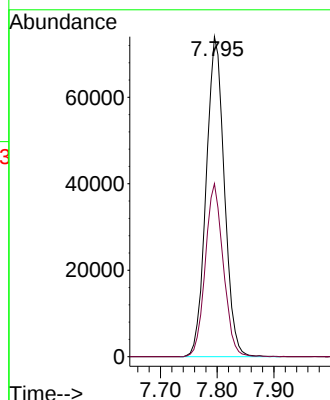
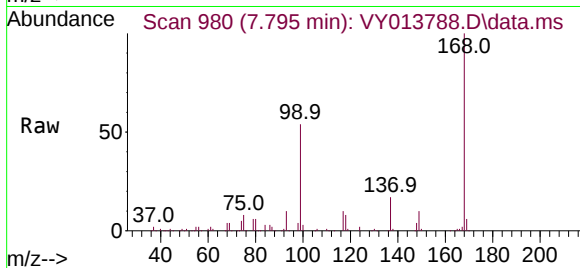




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013788.D
Acq: 17 May 2023 19:57

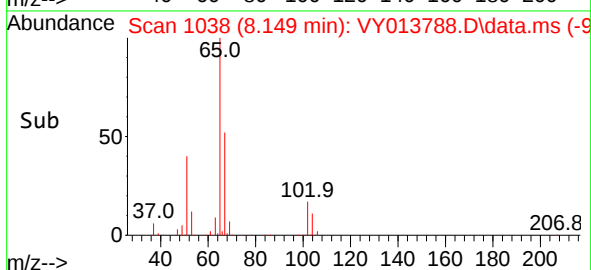
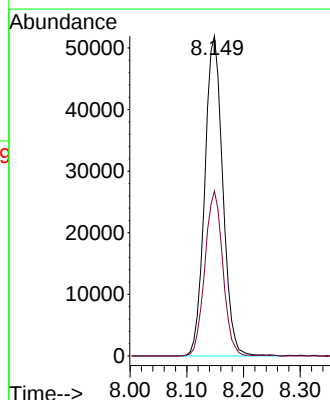
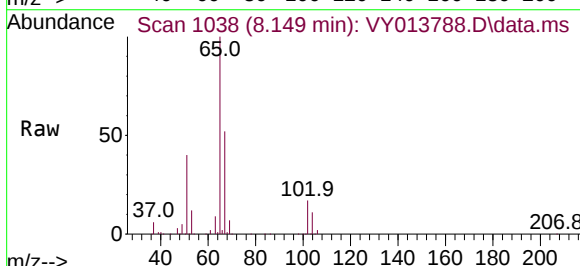
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B2-0-2

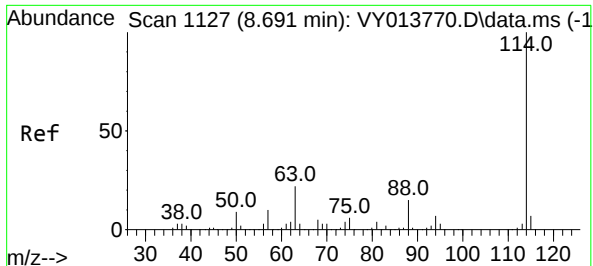
Tgt Ion:168 Resp: 164638
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.910 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY013788.D
Acq: 17 May 2023 19:57

Tgt Ion: 65 Resp: 114580
Ion Ratio Lower Upper
65 100
67 51.4 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: VY013788.D

Acq: 17 May 2023 19:57

Instrument :

MSVOA_Y

ClientSampleId :

WG-0516-B2-0-2

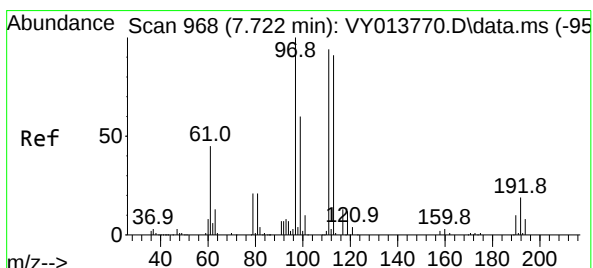
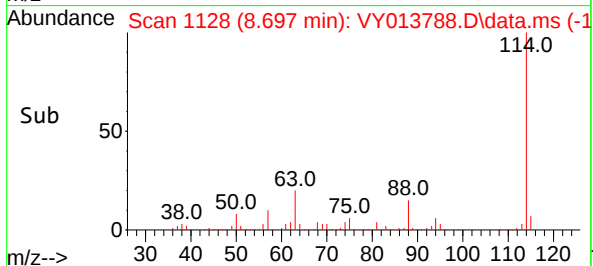
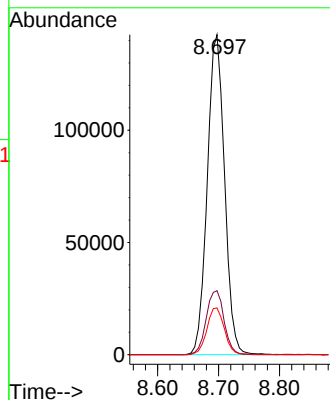
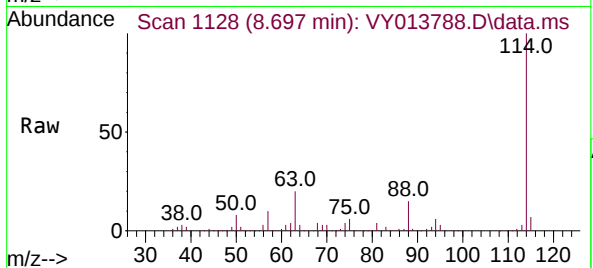
Tgt Ion:114 Resp: 281043

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.8

88 14.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.433 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013788.D

Acq: 17 May 2023 19:57

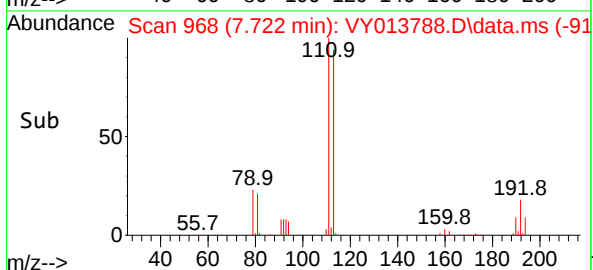
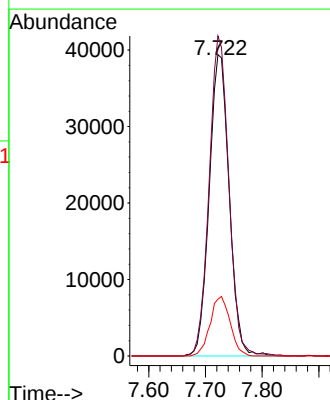
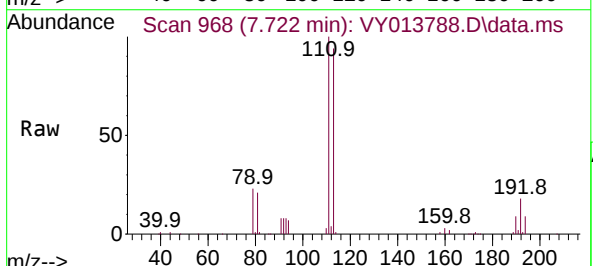
Tgt Ion:113 Resp: 96297

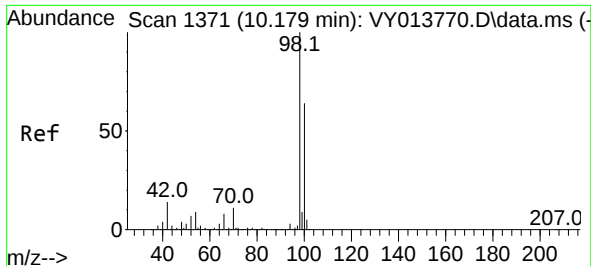
Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 19.8 16.0 24.0

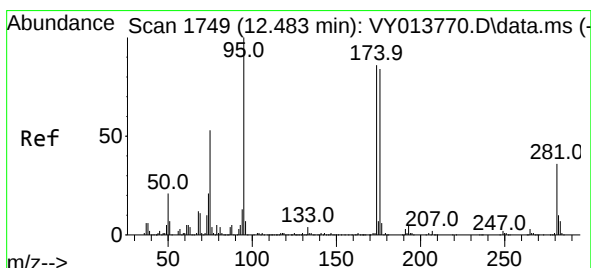
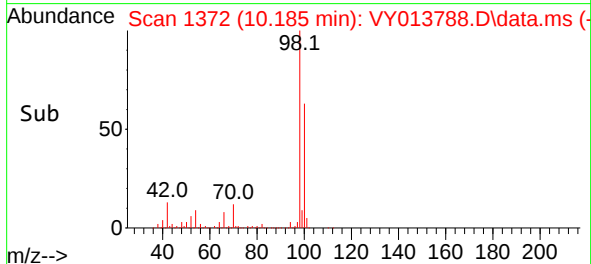
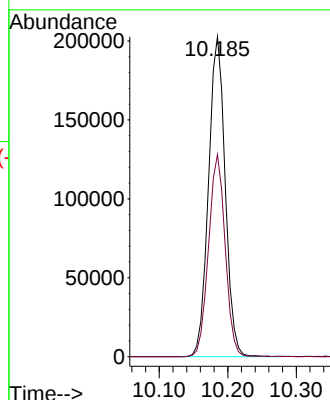
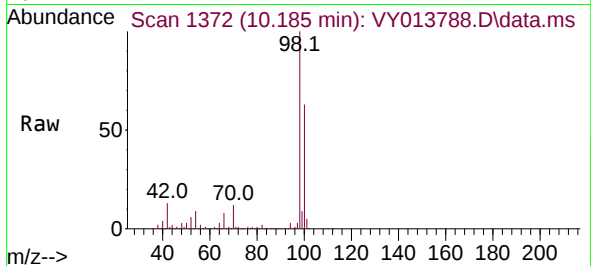




#50
Toluene-d8
Concen: 50.188 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013788.D
Acq: 17 May 2023 19:57

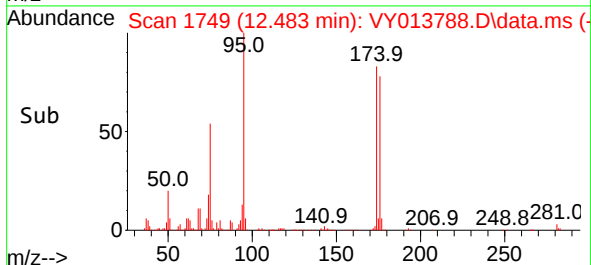
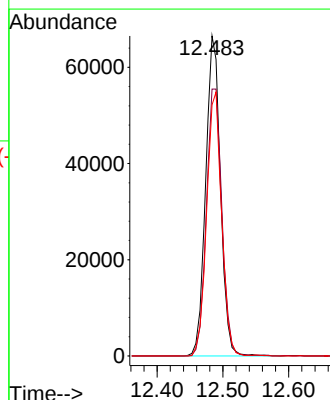
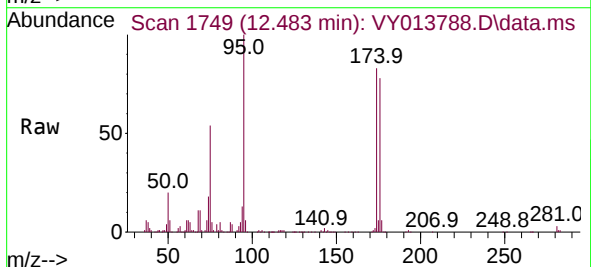
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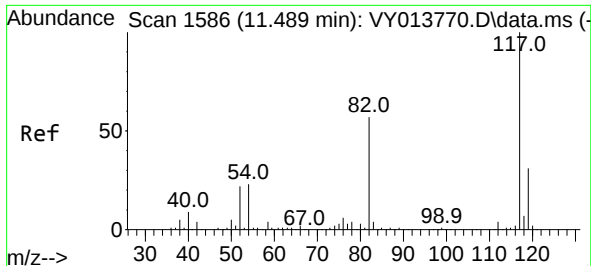
Tgt Ion: 98 Resp: 342907
Ion Ratio Lower Upper
98 100
100 62.9 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013788.D
Acq: 17 May 2023 19:57

Tgt Ion: 95 Resp: 103715
Ion Ratio Lower Upper
95 100
174 87.6 0.0 168.8
176 83.4 0.0 165.2

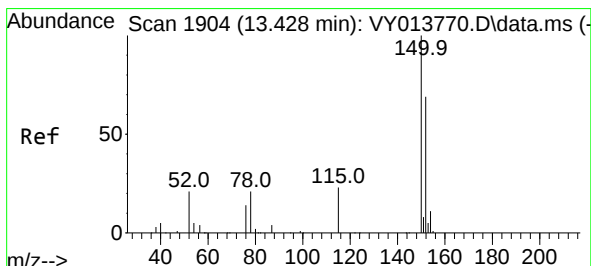
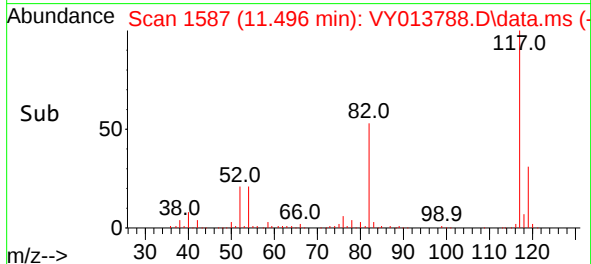
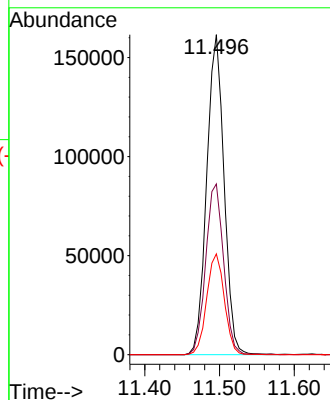
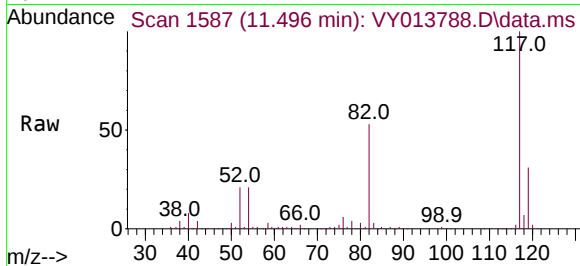




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013788.D
Acq: 17 May 2023 19:57

Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B2-0-2

Tgt Ion:117 Resp: 260081
Ion Ratio Lower Upper
117 100
82 53.4 45.5 68.3
119 31.5 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: VY013788.D
Acq: 17 May 2023 19:57

Tgt Ion:152 Resp: 106523
Ion Ratio Lower Upper
152 100
115 55.4 28.5 85.5
150 156.2 0.0 347.0

