

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013796.D
 Acq On : 18 May 2023 13:05
 Operator : KP/MD
 Sample : 02828-01
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: May 19 03:21:21 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	172534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	302066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123355	61.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.100%
35) Dibromofluoromethane	7.722	113	103961	53.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.340%
50) Toluene-d8	10.185	98	367389	50.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.483	95	119652	49.054	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.100%

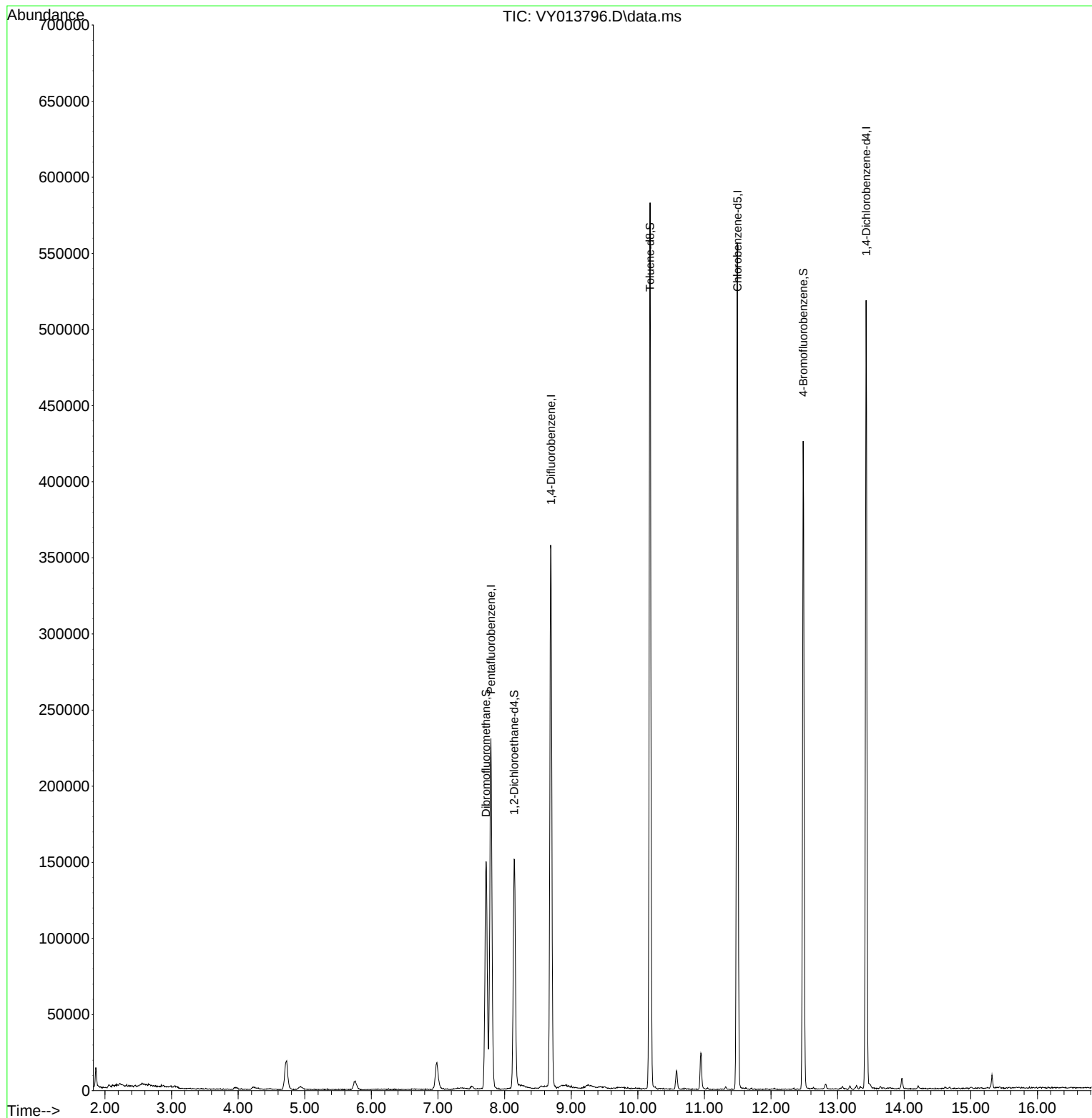
Target Compounds	Qvalue

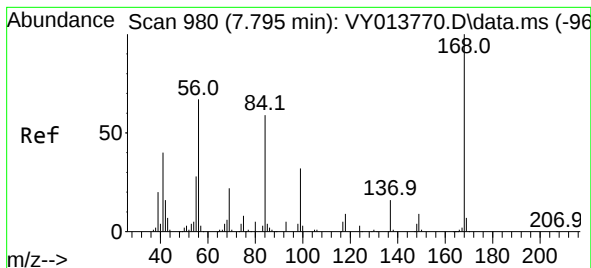
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY013796.D

Acq: 18 May 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

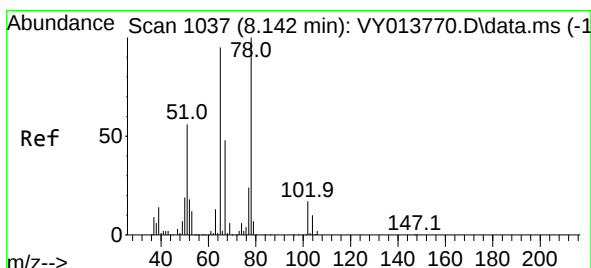
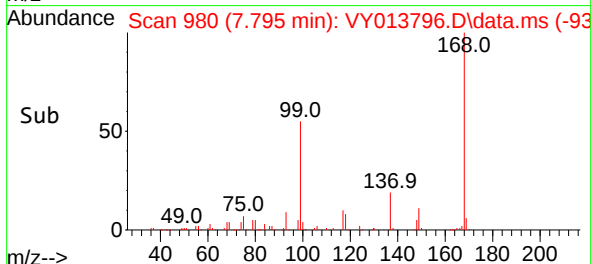
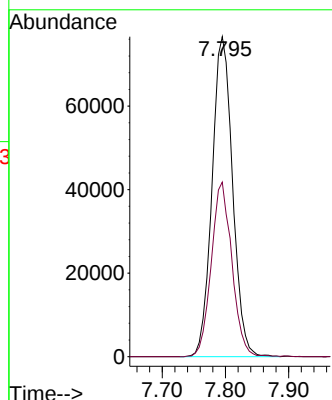
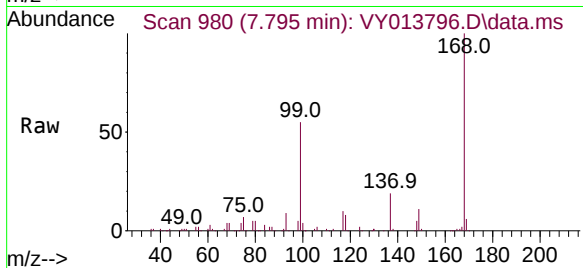
SB-1

Tgt Ion:168 Resp: 172534

Ion Ratio Lower Upper

168 100

99 54.5 44.0 66.0



#33

1,2-Dichloroethane-d4

Concen: 61.546 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013796.D

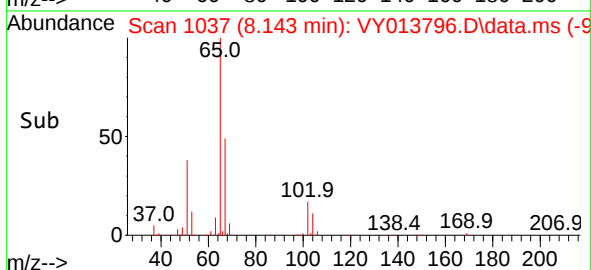
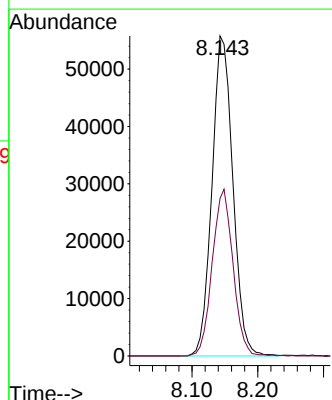
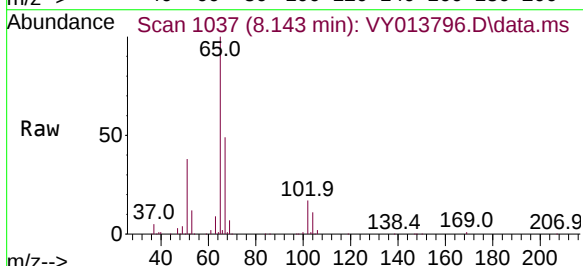
Acq: 18 May 2023 13:05

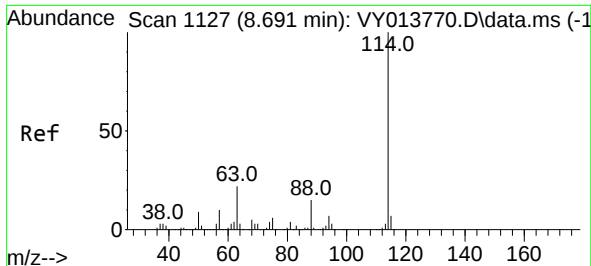
Tgt Ion: 65 Resp: 123355

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6

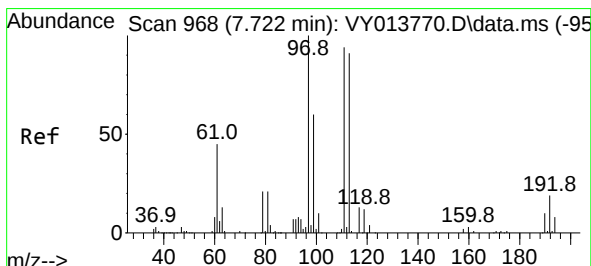
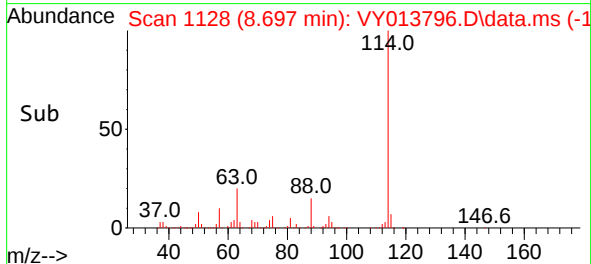
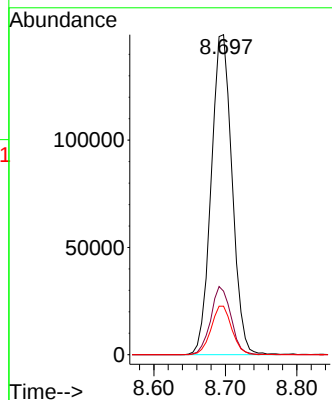
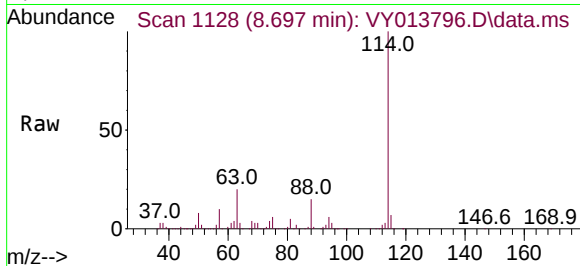




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

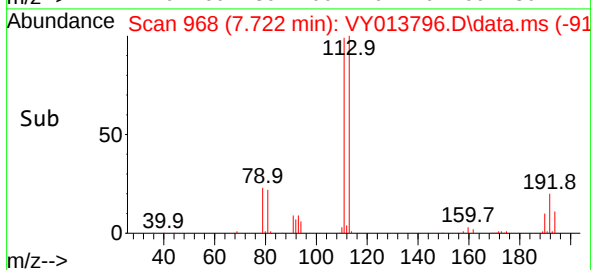
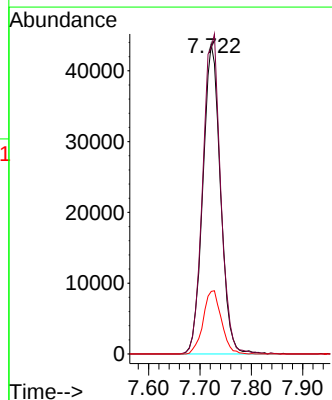
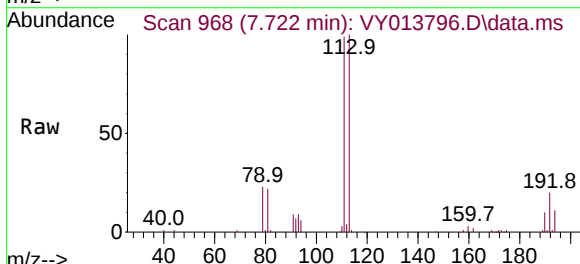
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

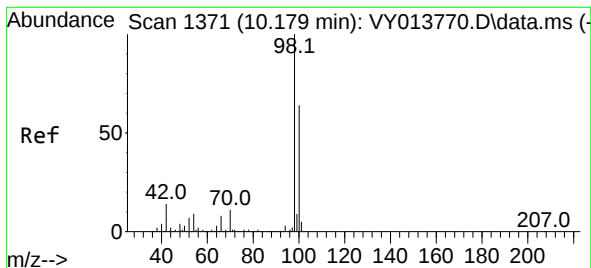
Tgt Ion:	114	Resp:	302066
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.8
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.670 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion:	113	Resp:	103961
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.3	123.5
192	21.1	16.0	24.0





#50

Toluene-d8

Concen: 50.029 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013796.D

Acq: 18 May 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

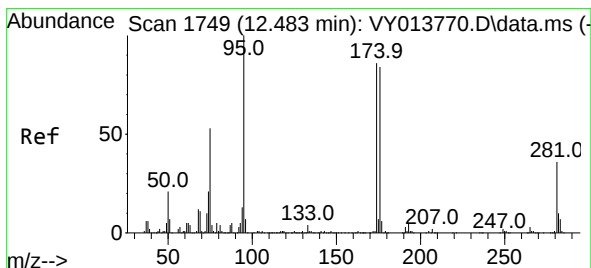
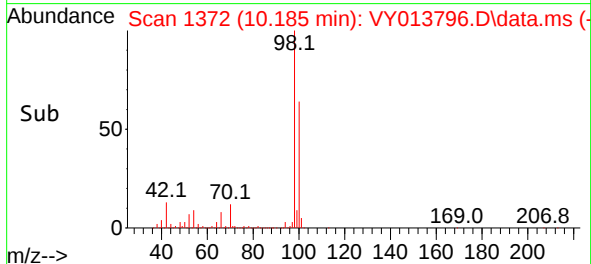
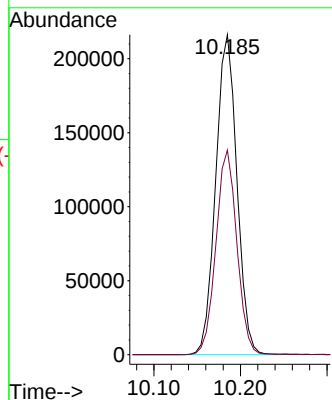
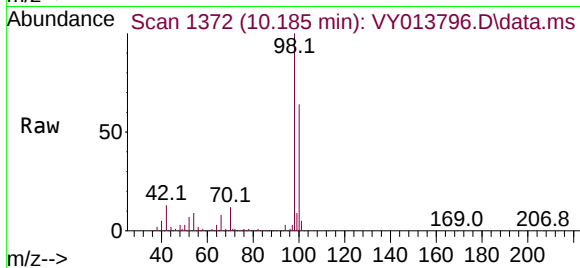
SB-1

Tgt Ion: 98 Resp: 367389

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 49.054 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013796.D

Acq: 18 May 2023 13:05

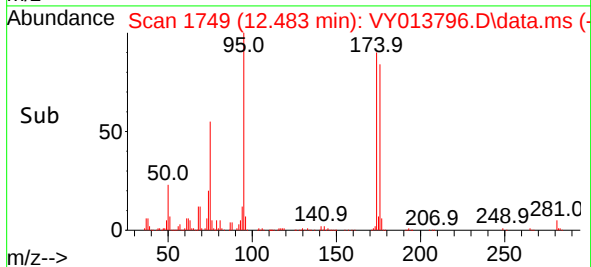
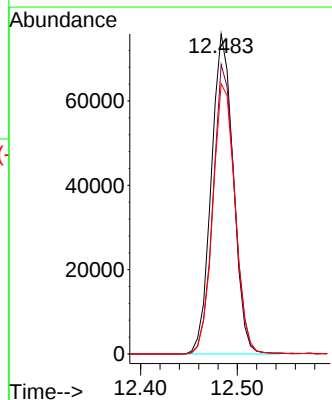
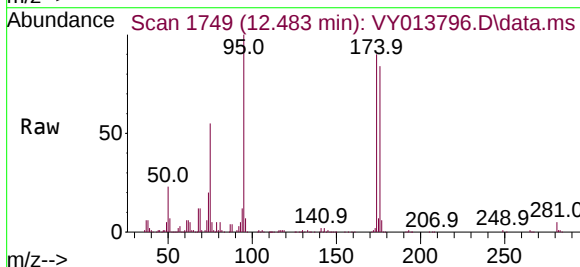
Tgt Ion: 95 Resp: 119652

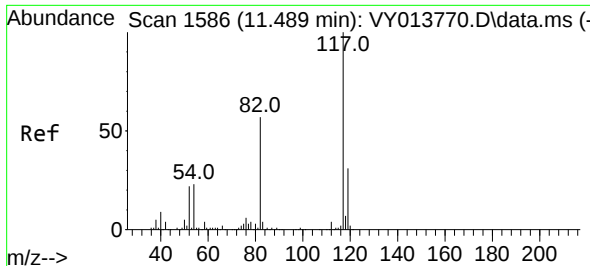
Ion Ratio Lower Upper

95 100

174 88.6 0.0 168.8

176 85.4 0.0 165.2

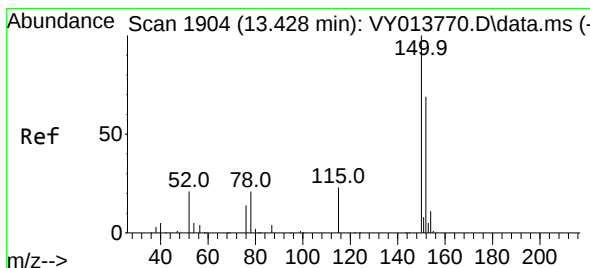
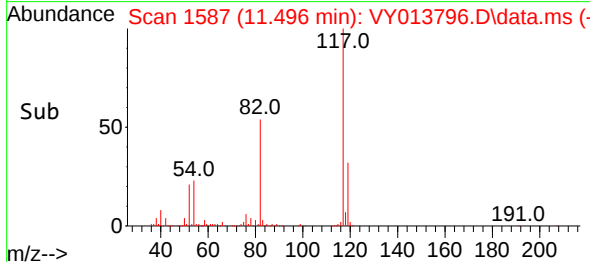
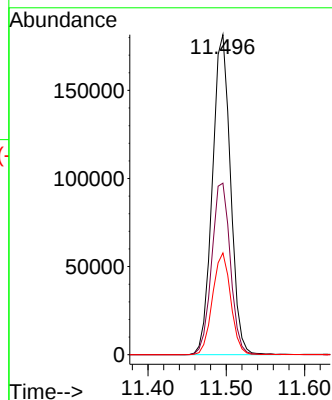
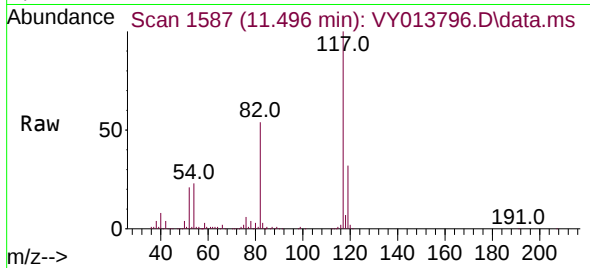




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 291988
Ion Ratio Lower Upper
117 100
82 53.6 45.5 68.3
119 31.8 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: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion:152 Resp: 128136
Ion Ratio Lower Upper
152 100
115 56.9 28.5 85.5
150 156.3 0.0 347.0

