

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012779.D
 Acq On : 02 Mar 2023 23:03
 Operator : KP/MD
 Sample : 01760-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Mar 03 02:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	170	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	737	83.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.180%#
35) Dibromofluoromethane	7.722	113	617	64.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.000%
50) Toluene-d8	10.179	98	1651	47.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.495	95	366	31.009	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.020%

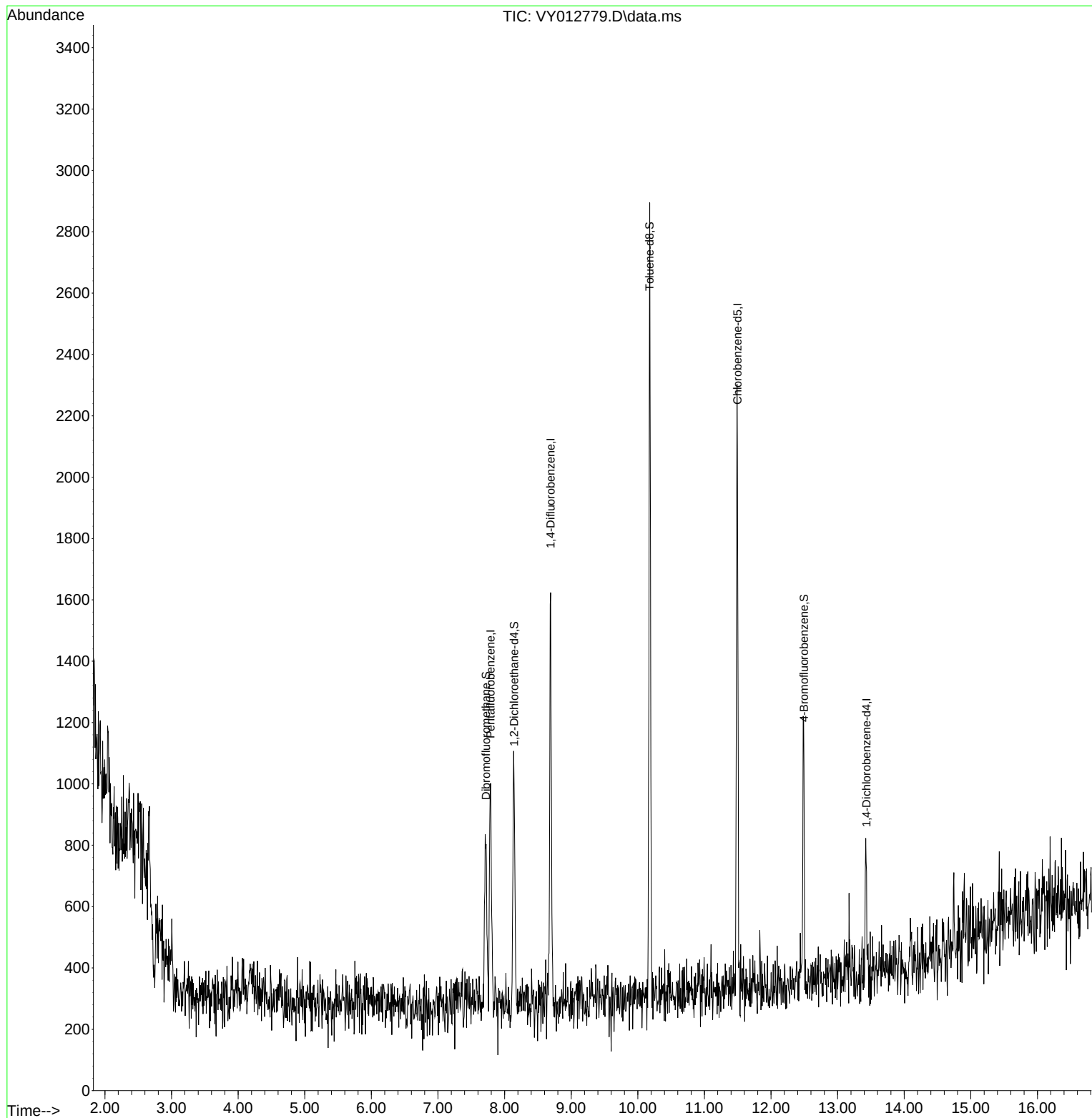
Target Compounds	Qvalue

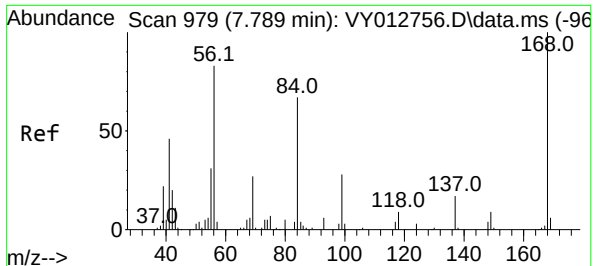
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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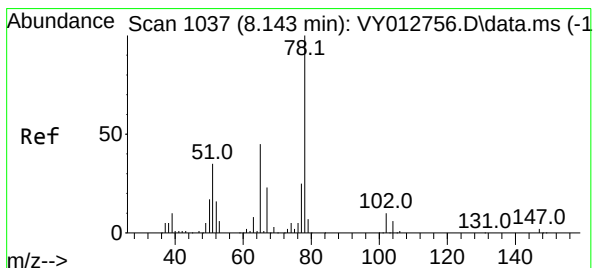
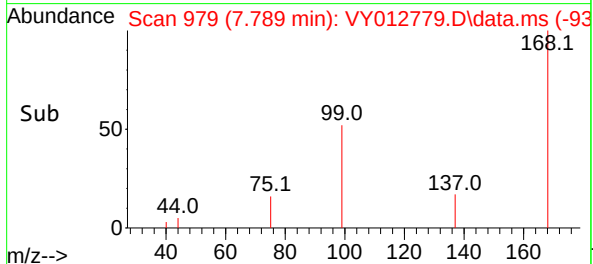
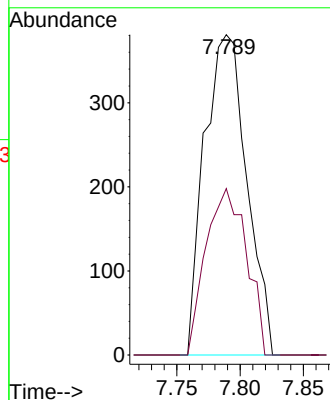
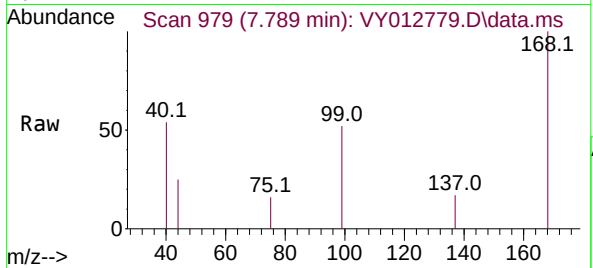




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

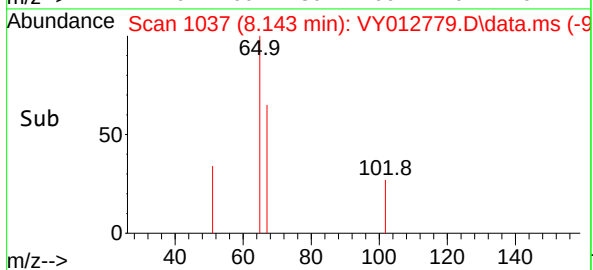
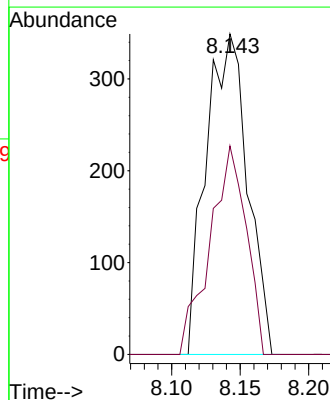
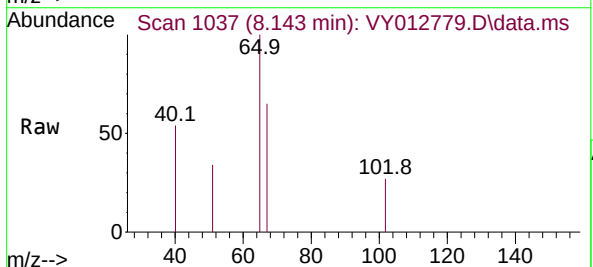
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

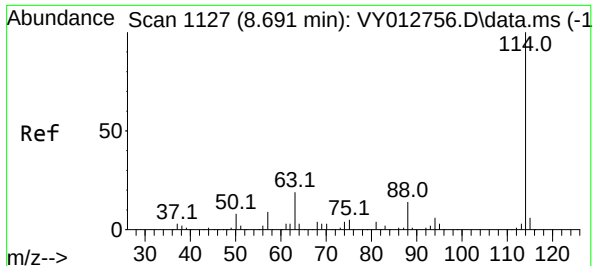
Tgt Ion:168 Resp: 888
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 83.591 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion: 65 Resp: 737
Ion Ratio Lower Upper
65 100
67 56.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012779.D

Acq: 02 Mar 2023 23:03

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

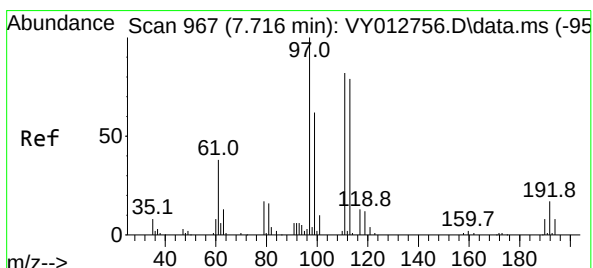
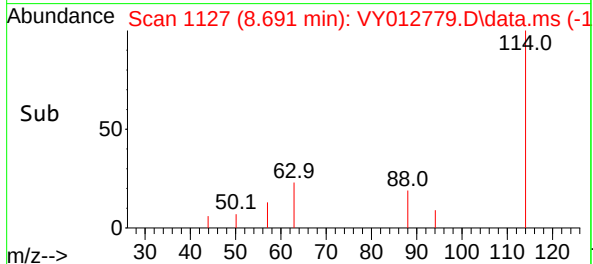
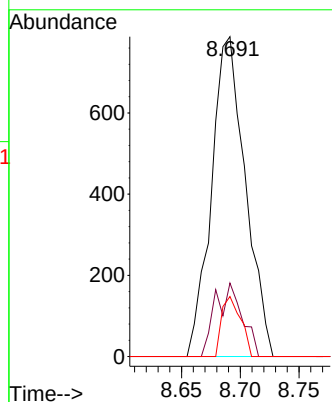
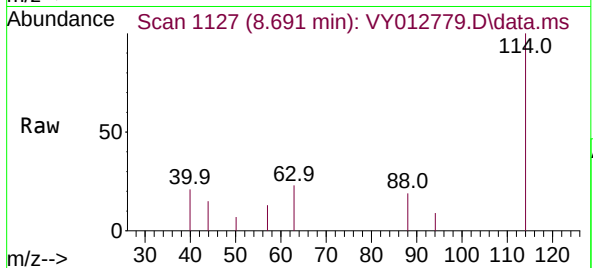
Tgt Ion:114 Resp: 1585

Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.4

88 18.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 64.503 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012779.D

Acq: 02 Mar 2023 23:03

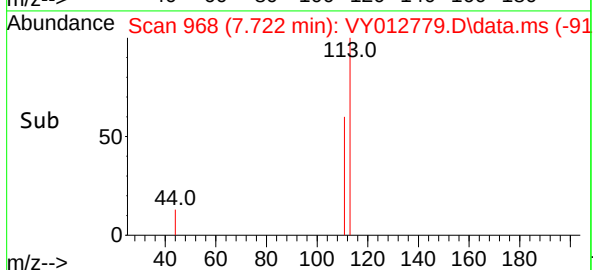
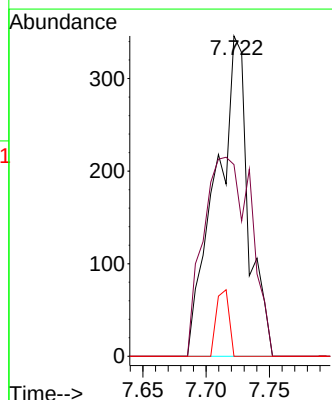
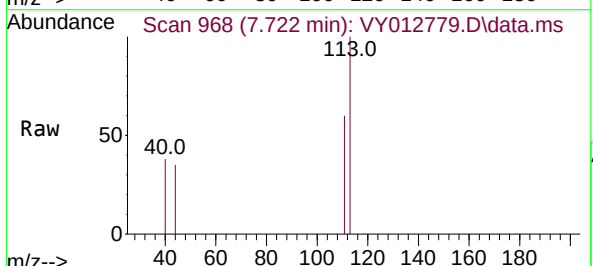
Tgt Ion:113 Resp: 617

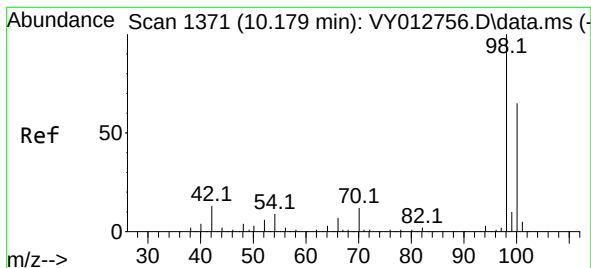
Ion Ratio Lower Upper

113 100

111 91.6 82.2 123.2

192 8.1 16.8 25.2#





#50

Toluene-d8

Concen: 47.213 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012779.D

Acq: 02 Mar 2023 23:03

Instrument :

MSVOA_Y

ClientSampleId :

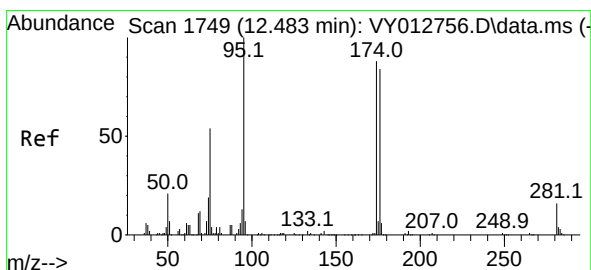
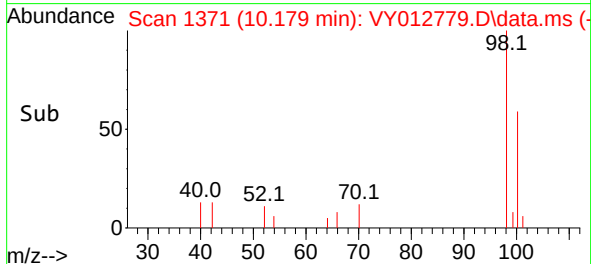
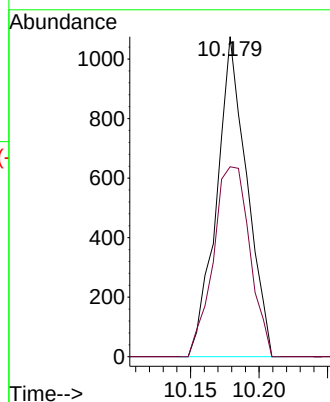
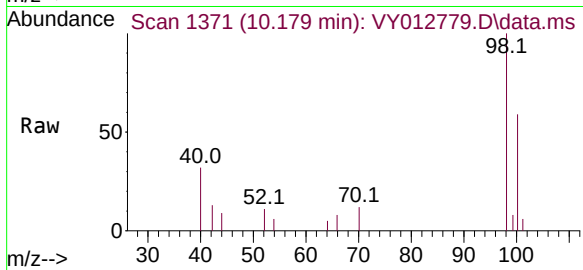
72-11998

Tgt Ion: 98 Resp: 1651

Ion Ratio Lower Upper

98 100

100 71.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 31.009 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY012779.D

Acq: 02 Mar 2023 23:03

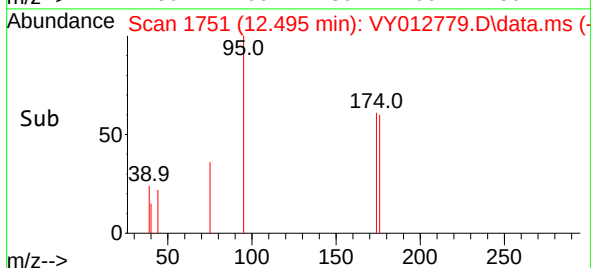
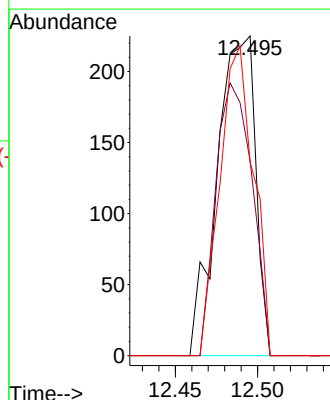
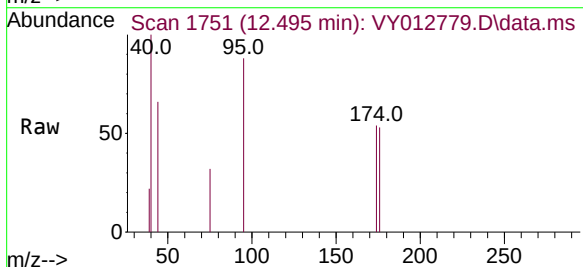
Tgt Ion: 95 Resp: 366

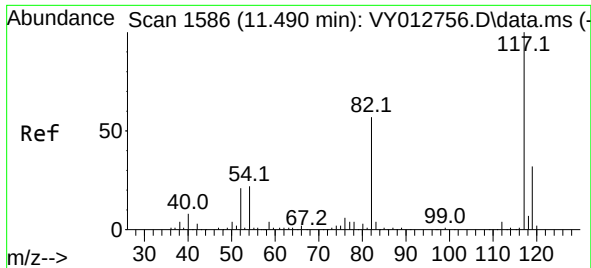
Ion Ratio Lower Upper

95 100

174 80.6 0.0 176.6

176 85.0 0.0 170.2

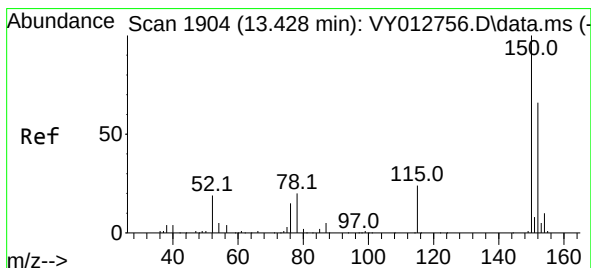
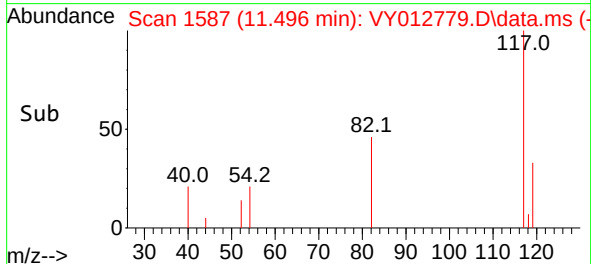
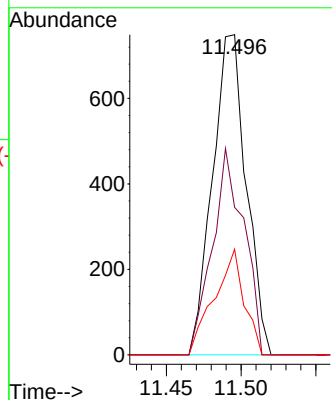
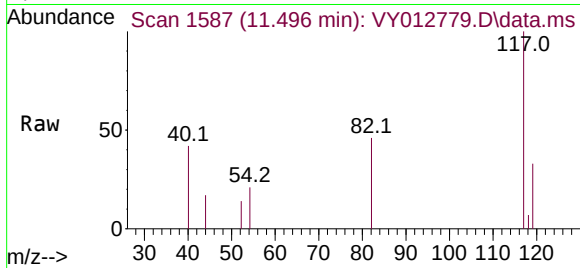




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

Tgt Ion:	117	Resp:	1176
Ion	Ratio	Lower	Upper
117	100		
82	46.1	45.4	68.0
119	33.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY012779.D
Acq: 02 Mar 2023 23:03

Tgt Ion:	152	Resp:	170
Ion	Ratio	Lower	Upper
152	100		
115	22.4	27.1	81.3#
150	157.6	0.0	347.8

