

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012991.D
 Acq On : 17 Mar 2023 16:59
 Operator : KP/MD
 Sample : 01954-03
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SV-TP2-0316

Quant Time: Mar 18 05:47:33 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	60222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	103230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	98283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43564	72.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.720%
35) Dibromofluoromethane	7.710	113	37263	59.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.620%
50) Toluene-d8	10.179	98	124202	54.534	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.477	95	40223	52.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.640%

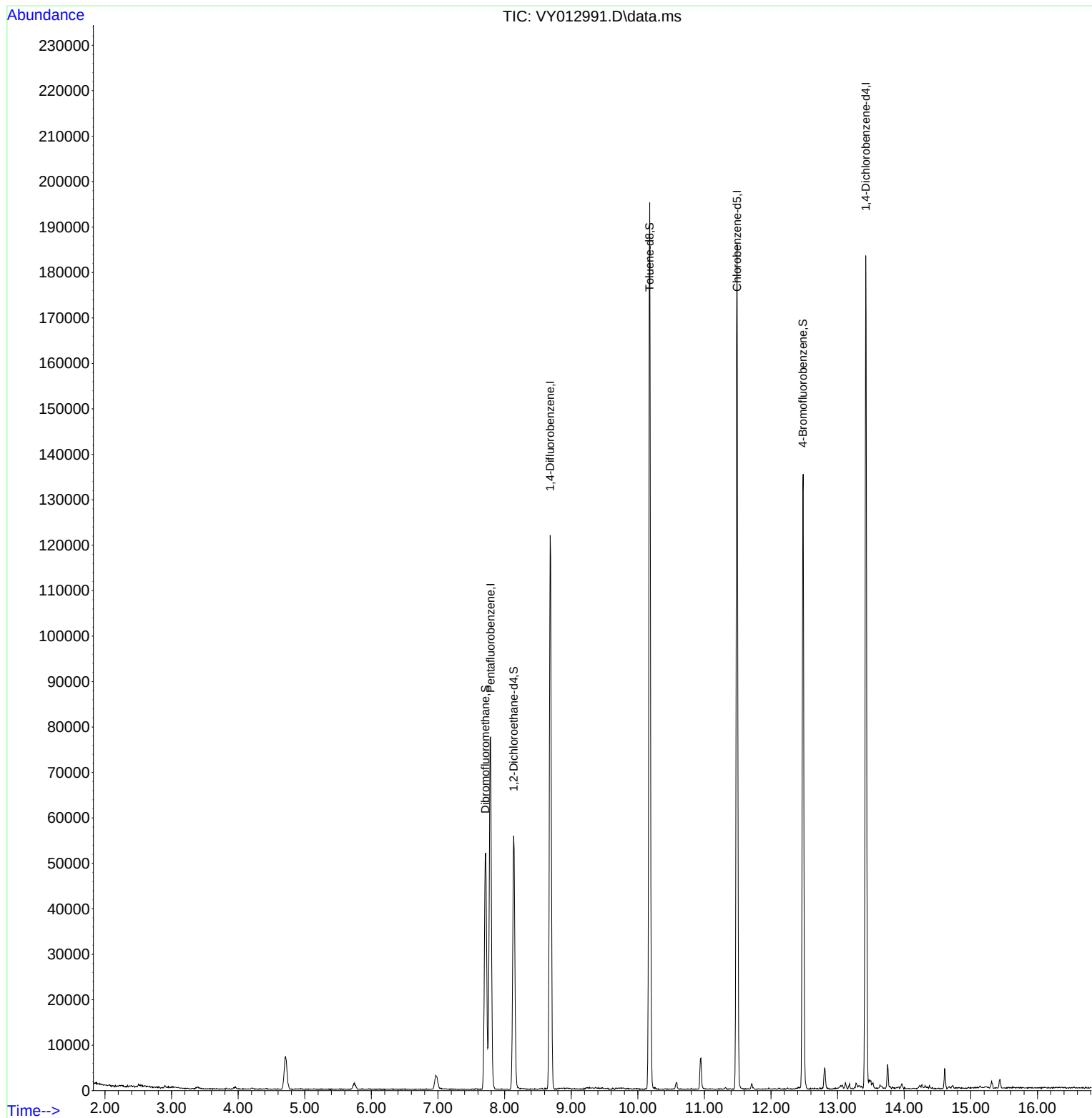
Target Compounds	Qvalue

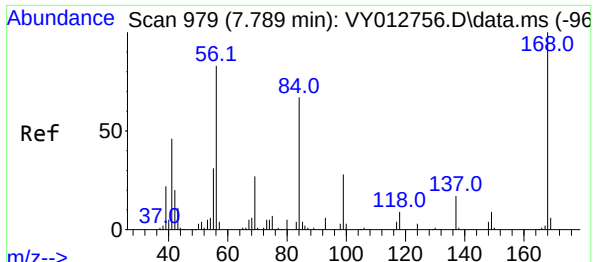
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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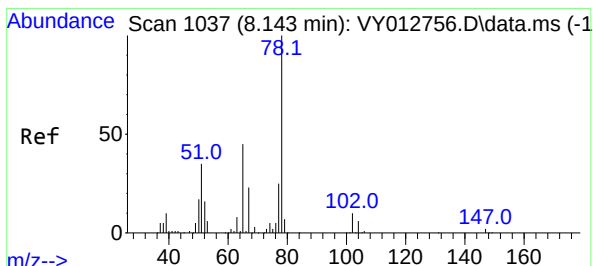
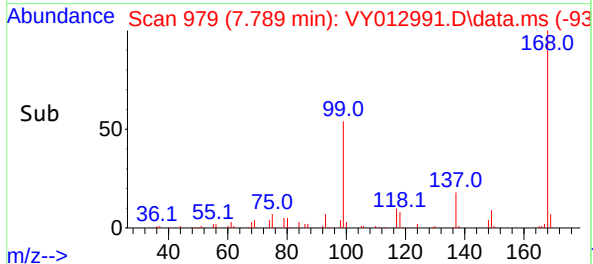
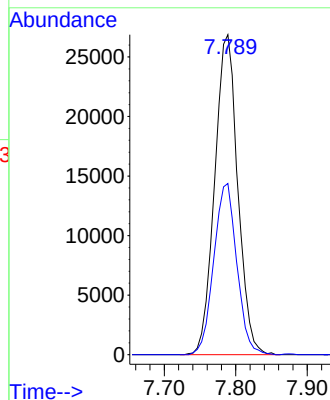
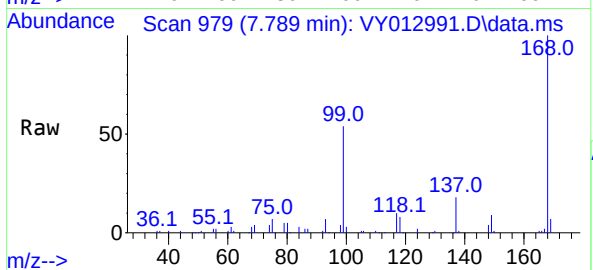




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012991.D
Acq: 17 Mar 2023 16:59

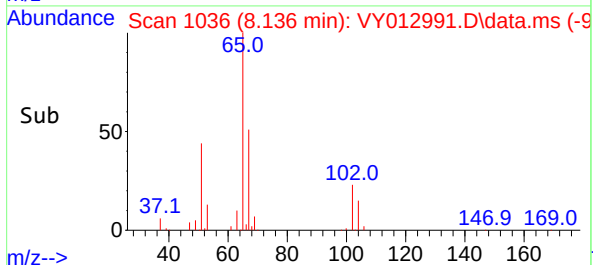
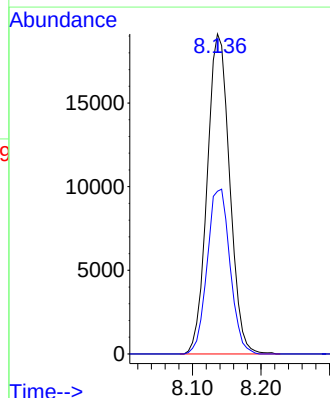
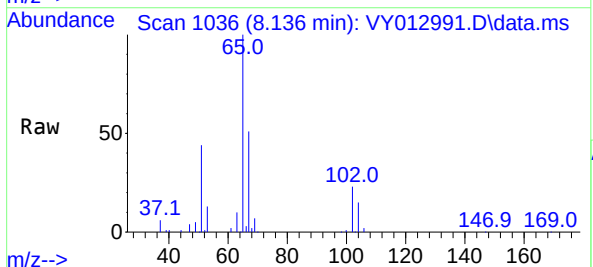
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP2-0316

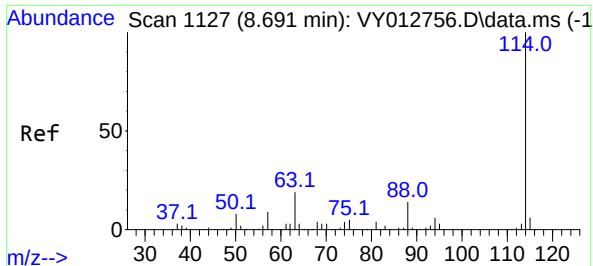
Tgt Ion:168 Resp: 60222
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 72.858 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012991.D
Acq: 17 Mar 2023 16:59

Tgt Ion: 65 Resp: 43564
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012991.D

Acq: 17 Mar 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

SV-TP2-0316

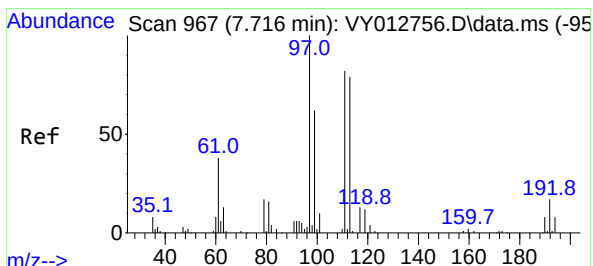
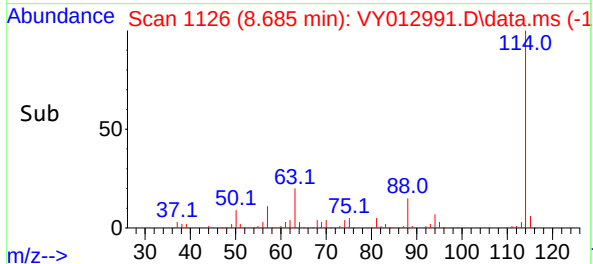
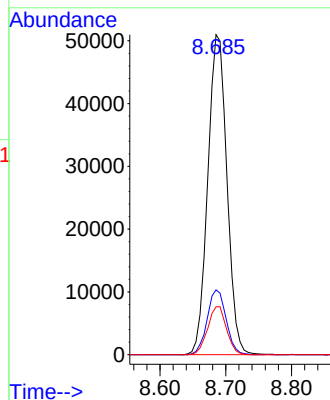
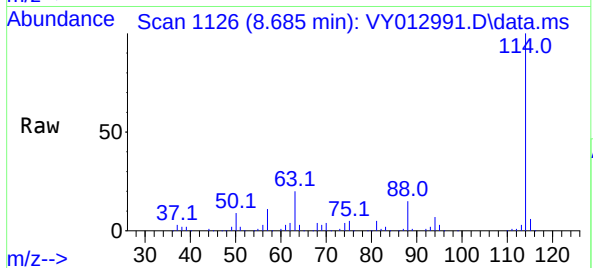
Tgt Ion:114 Resp: 103230

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.813 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012991.D

Acq: 17 Mar 2023 16:59

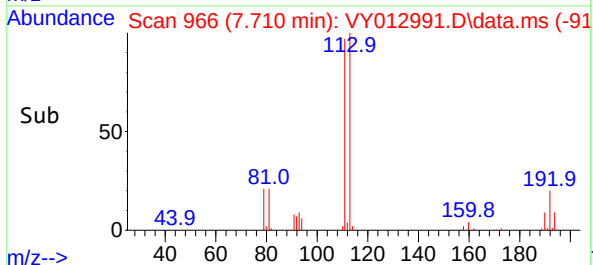
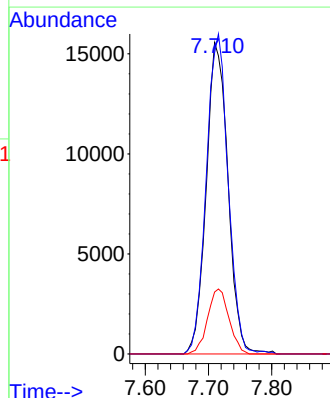
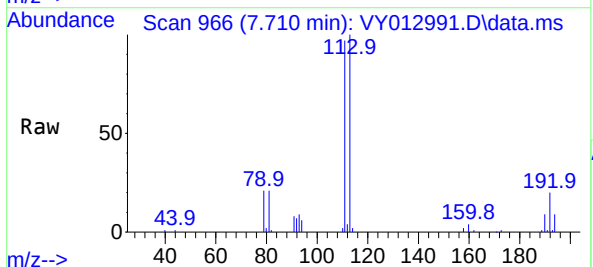
Tgt Ion:113 Resp: 37263

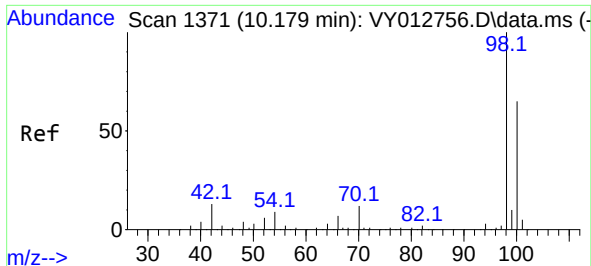
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.5 16.8 25.2

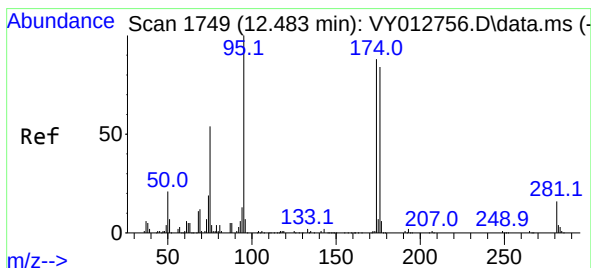
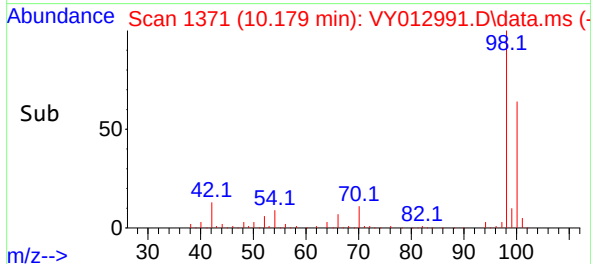
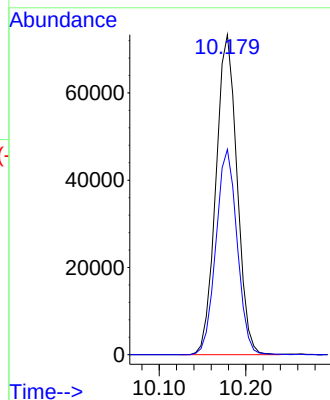
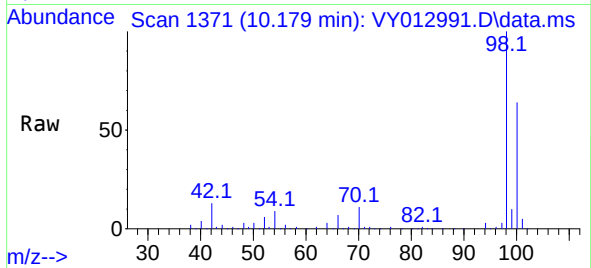




#50
Toluene-d8
Concen: 54.534 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012991.D
Acq: 17 Mar 2023 16:59

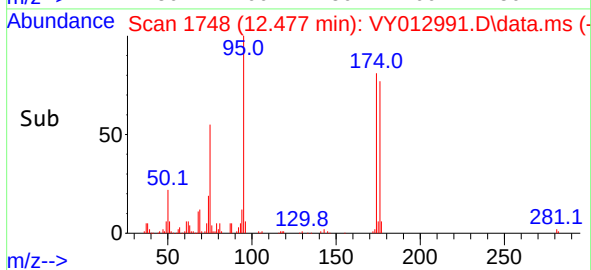
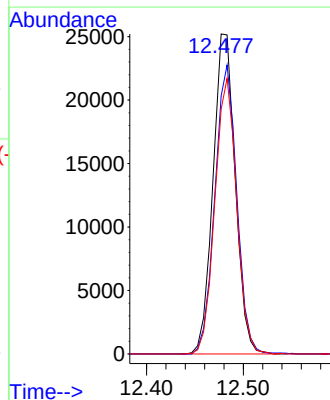
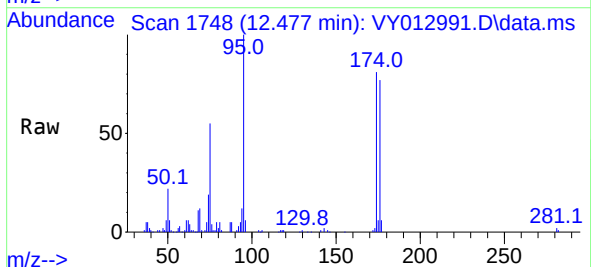
Instrument :
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SV-TP2-0316

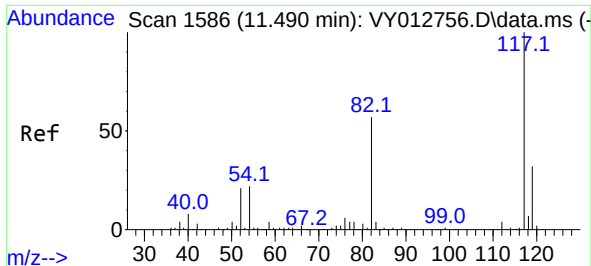
Tgt Ion: 98 Resp: 124202
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 52.324 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012991.D
Acq: 17 Mar 2023 16:59

Tgt Ion: 95 Resp: 40223
Ion Ratio Lower Upper
95 100
174 89.1 0.0 176.6
176 84.2 0.0 170.2

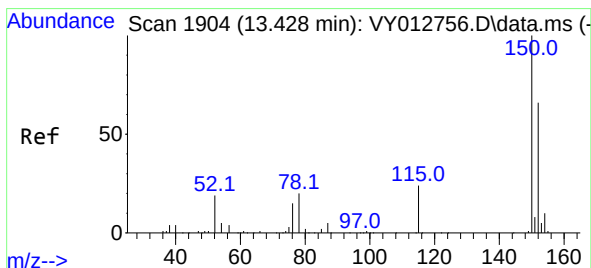
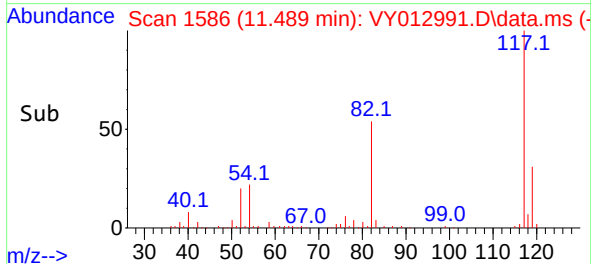
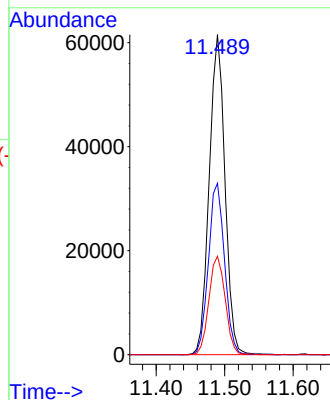
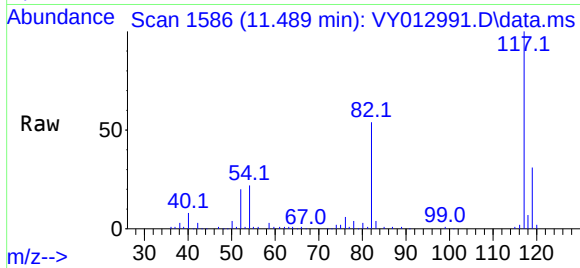




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012991.D
Acq: 17 Mar 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP2-0316

Tgt Ion:	117	Resp:	98283
Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.4	68.0
119	30.8	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012991.D
Acq: 17 Mar 2023 16:59

Tgt Ion:	152	Resp:	46750
Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.1	81.3
150	155.2	0.0	347.8

