

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008123.D
 Acq On : 30 Mar 2022 20:23
 Operator : SY/MD
 Sample : N2176-01
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-156-IDWSO-20220329-1

Quant Time: Mar 31 05:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	126521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71338	56.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.400%
35) Dibromofluoromethane	7.722	113	72221	50.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.179	98	276332	51.014	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.483	95	93113	48.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.440%

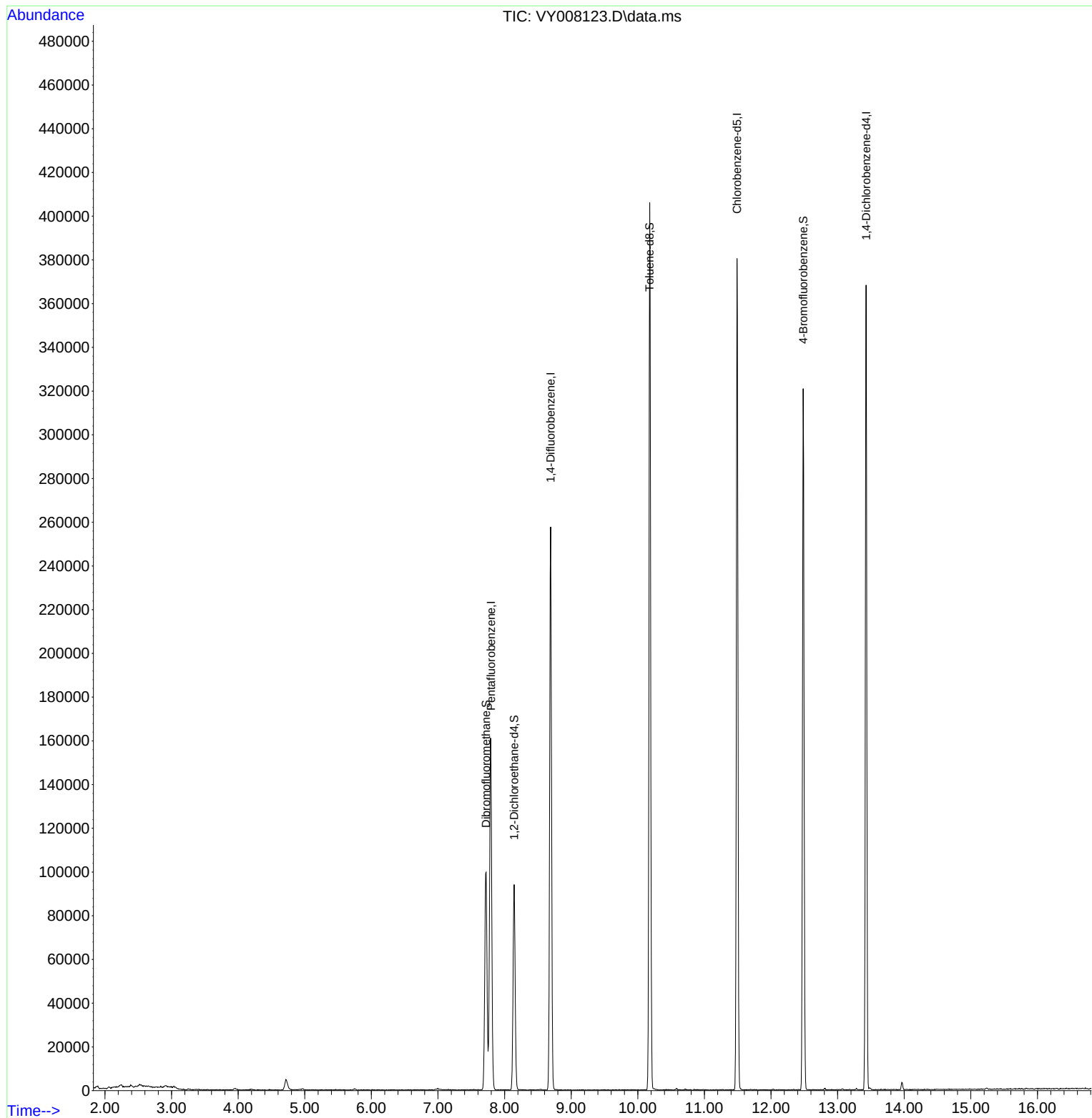
Target Compounds	Qvalue

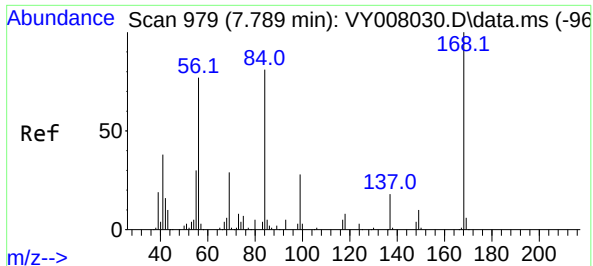
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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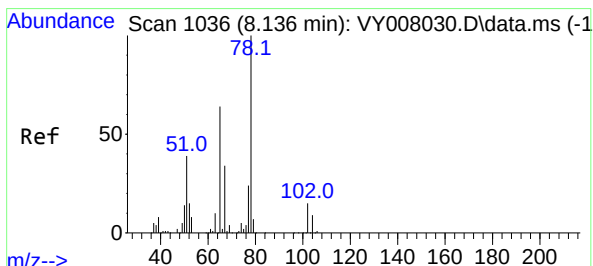
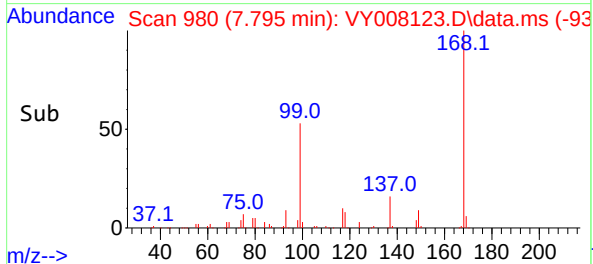
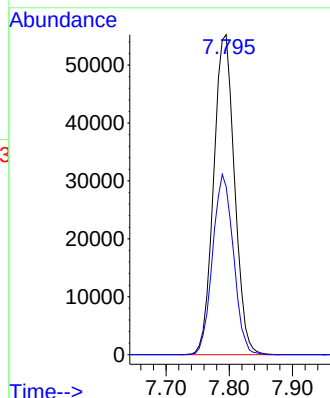
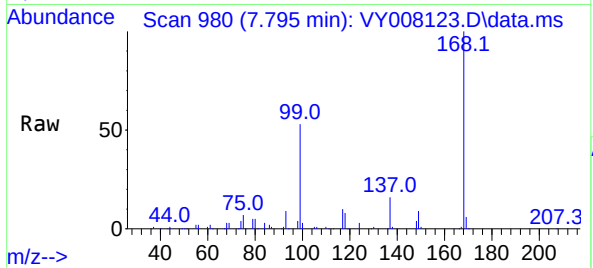




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

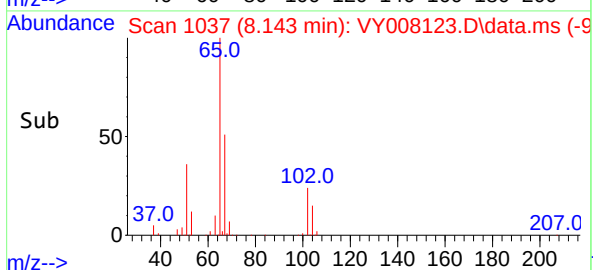
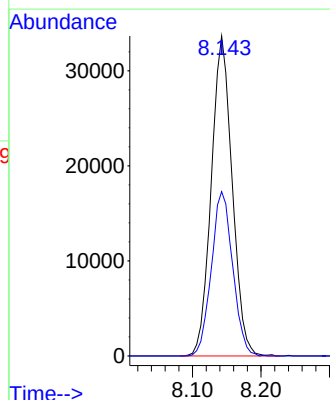
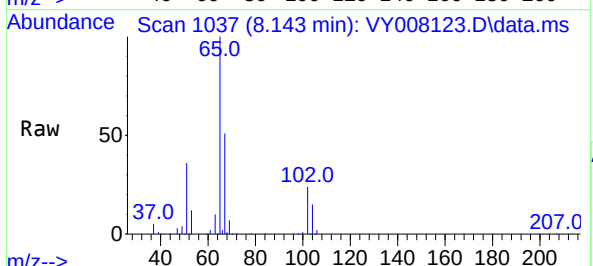
Instrument :
MSVOA_Y
ClientSampleId :
TT-156-IDWSO-20220329-1

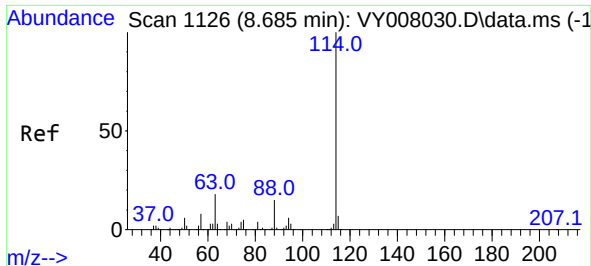
Tgt Ion:168 Resp: 126521
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.199 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 65 Resp: 71338
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008123.D

Acq: 30 Mar 2022 20:23

Instrument :

MSVOA_Y

ClientSampleId :

TT-156-IDWSO-20220329-1

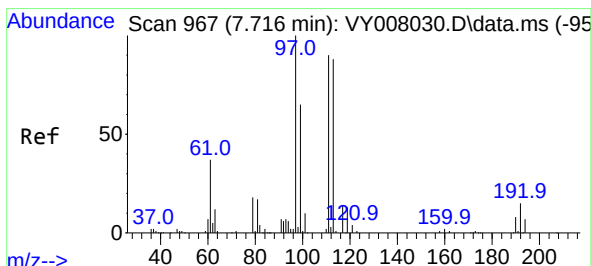
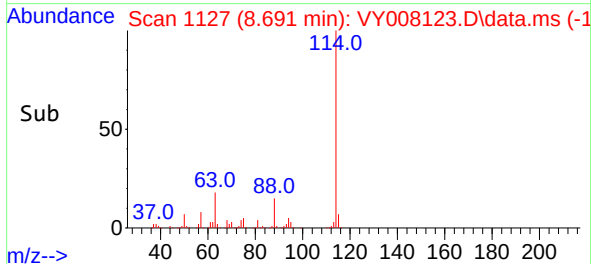
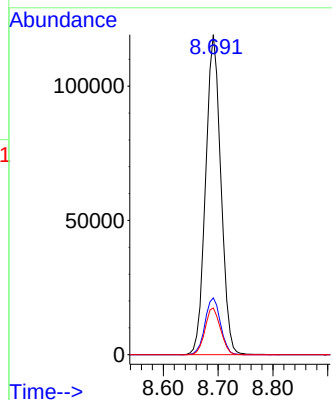
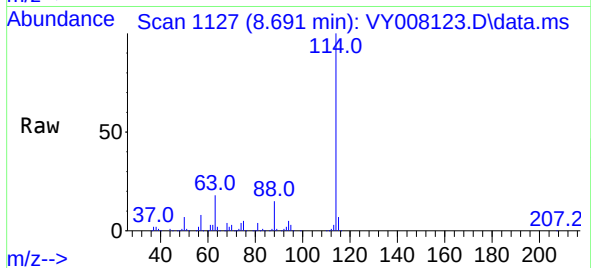
Tgt Ion:114 Resp: 229320

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008123.D

Acq: 30 Mar 2022 20:23

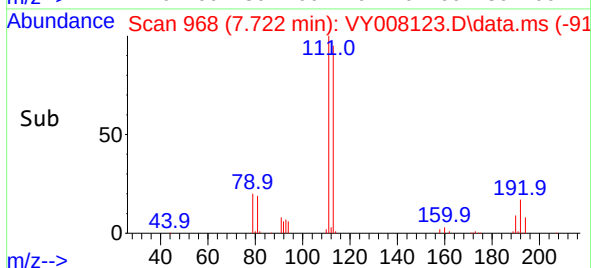
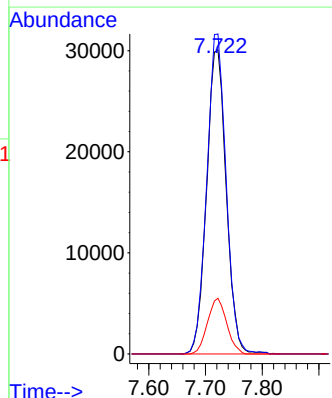
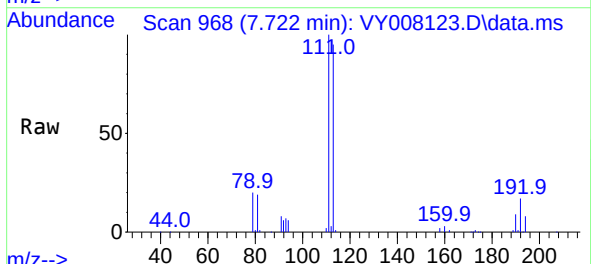
Tgt Ion:113 Resp: 72221

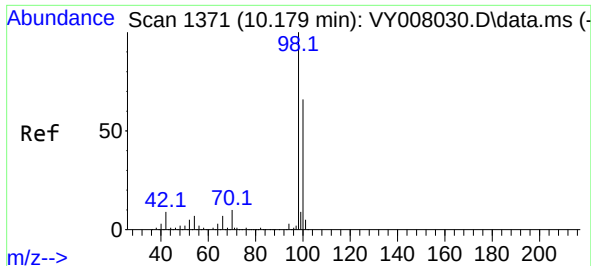
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.9 17.6 26.4

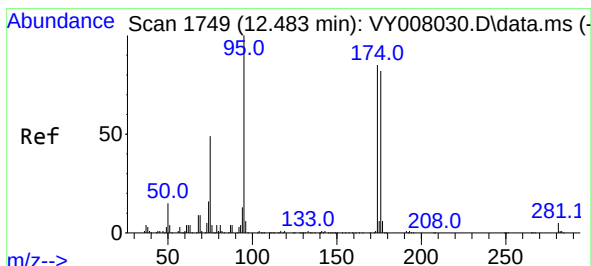
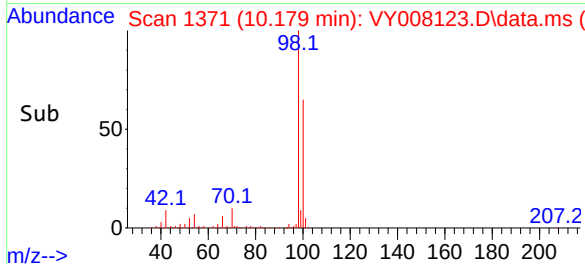
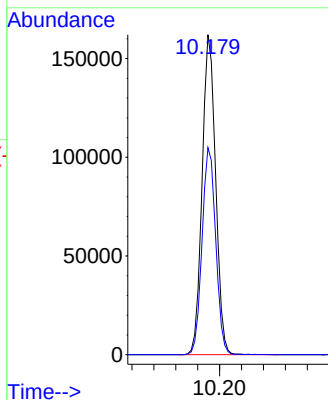
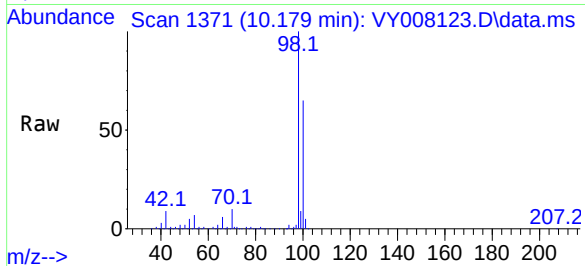




#50
Toluene-d8
Concen: 51.014 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

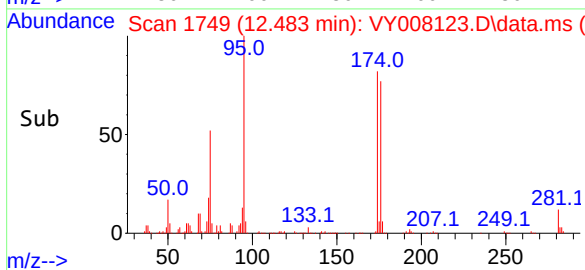
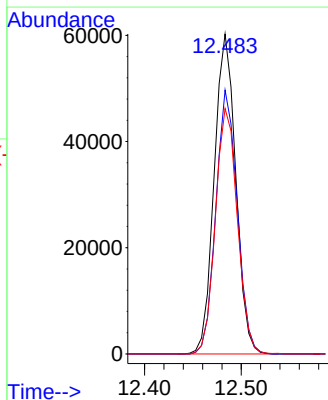
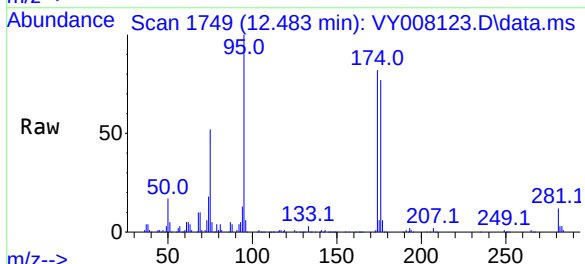
Instrument :
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ClientSampleId :
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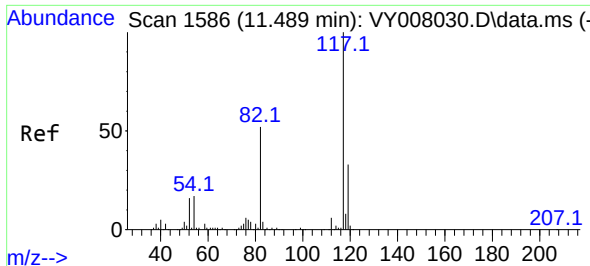
Tgt Ion: 98 Resp: 276332
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 95 Resp: 93113
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 78.1 0.0 175.8

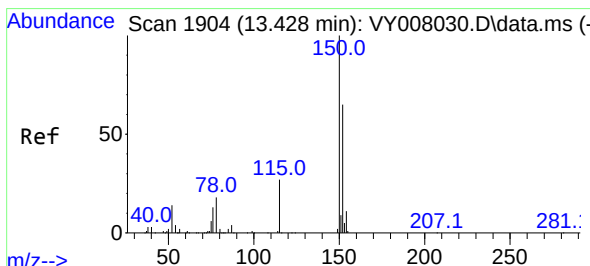
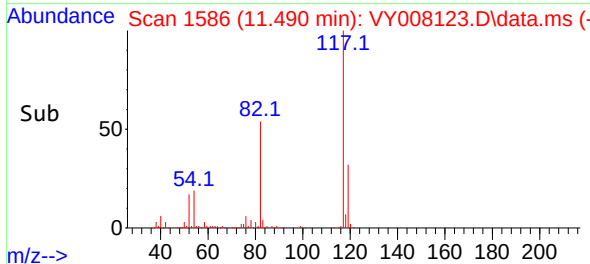
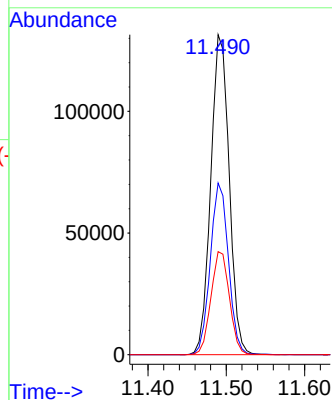
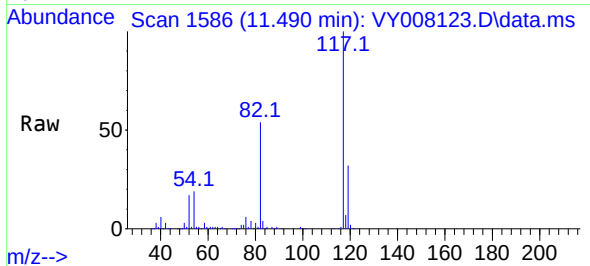




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Instrument :
MSVOA_Y
ClientSampleId :
TT-156-IDWSO-20220329-1

Tgt Ion:	117	Resp:	214591
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion:	152	Resp:	92226
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.2	84.7
150	158.5	0.0	347.6

