

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008171.D
 Acq On : 01 Apr 2022 19:11
 Operator : SY/MD
 Sample : N2220-14
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A06015

Quant Time: Apr 02 03:59:30 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	7.789	168	90231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	35468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19485	21.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.040%#
35) Dibromofluoromethane	7.716	113	33107	49.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.179	98	105512	42.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.300%
62) 4-Bromofluorobenzene	12.483	95	7281	8.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	16.500%#

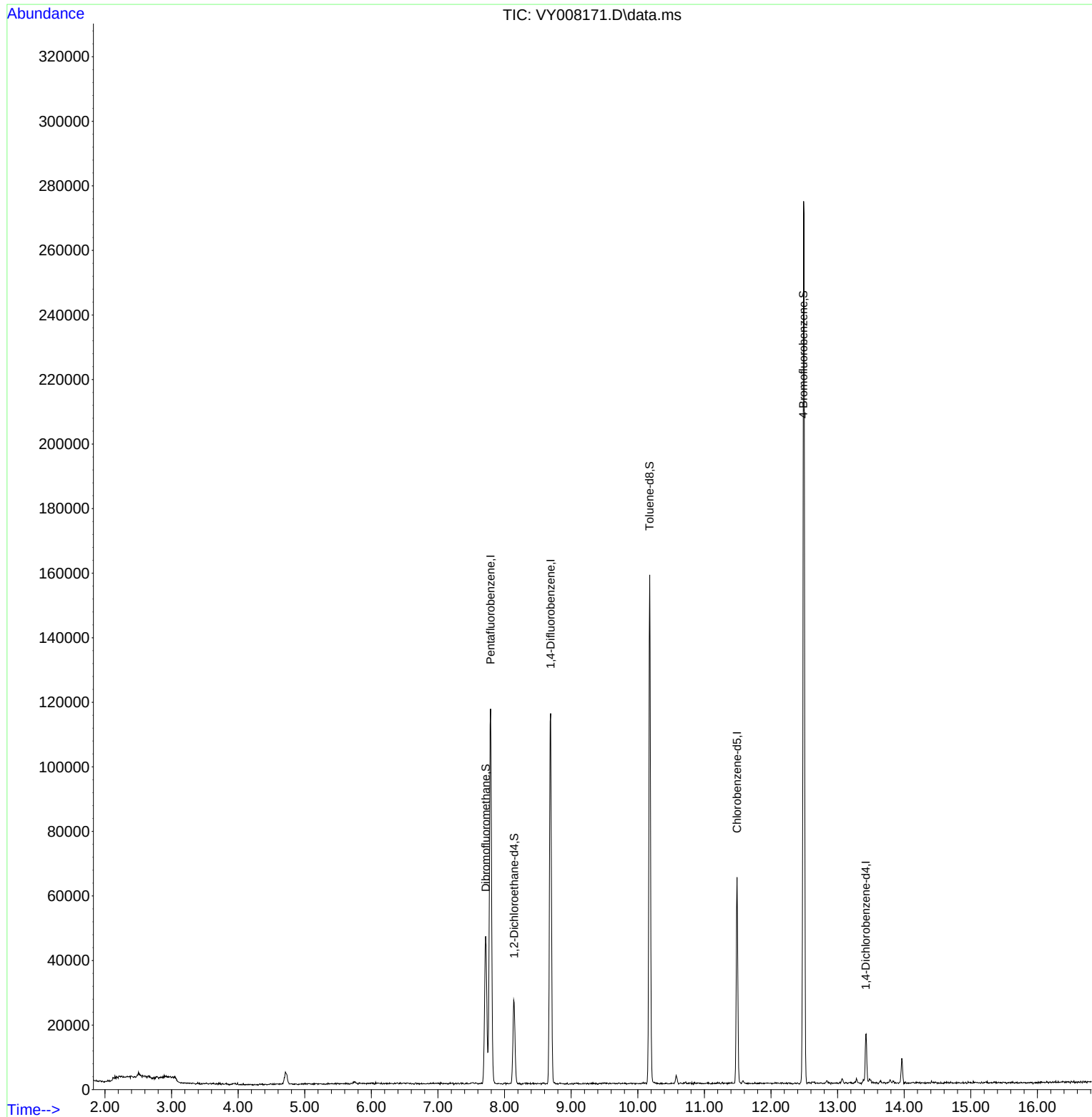
Target Compounds	Qvalue

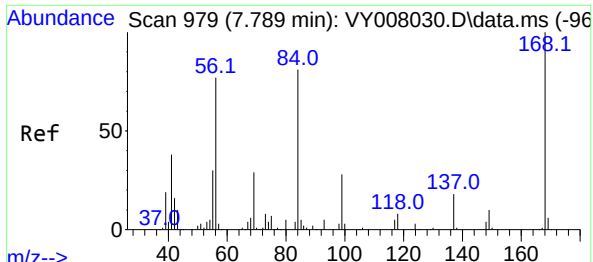
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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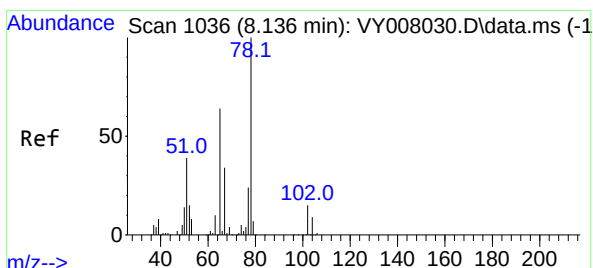
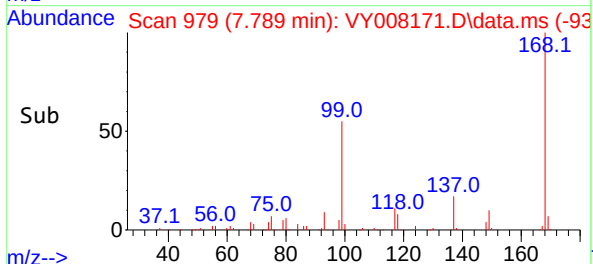
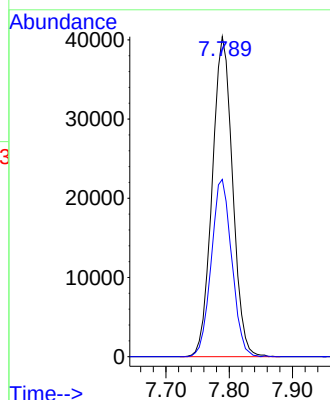
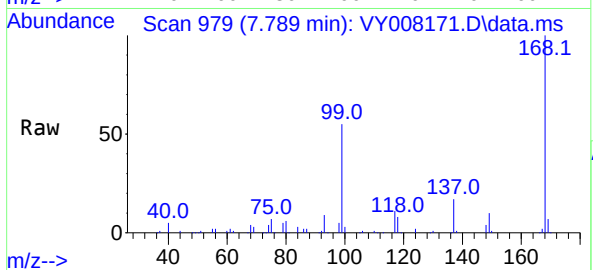




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008171.D
Acq: 01 Apr 2022 19:11

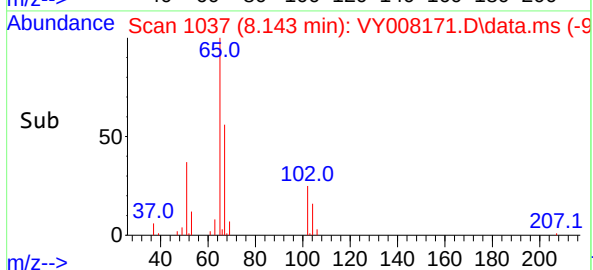
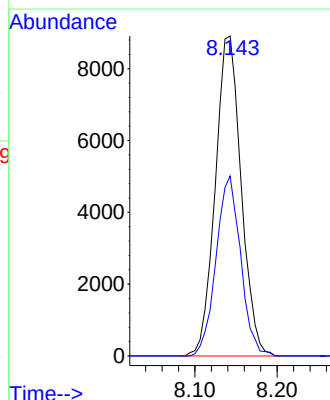
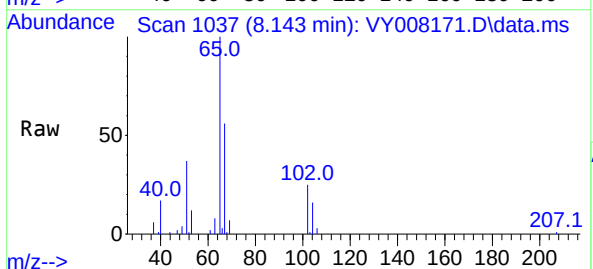
Instrument :
MSVOA_Y
ClientSampleId :
A06015

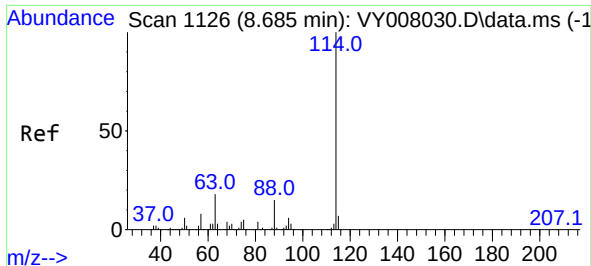
Tgt Ion:168 Resp: 90231
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 21.524 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008171.D
Acq: 01 Apr 2022 19:11

Tgt Ion: 65 Resp: 19485
Ion Ratio Lower Upper
65 100
67 53.5 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: VY008171.D

Acq: 01 Apr 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

A06015

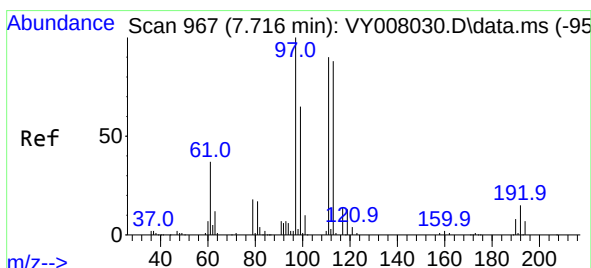
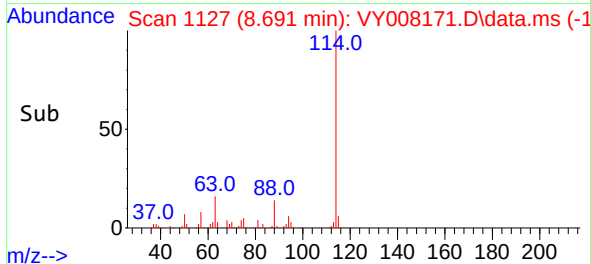
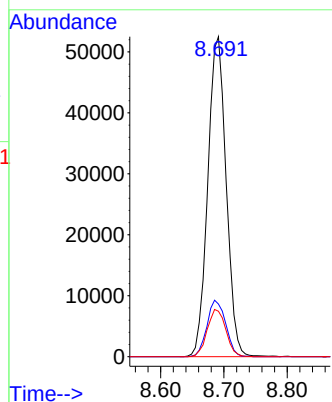
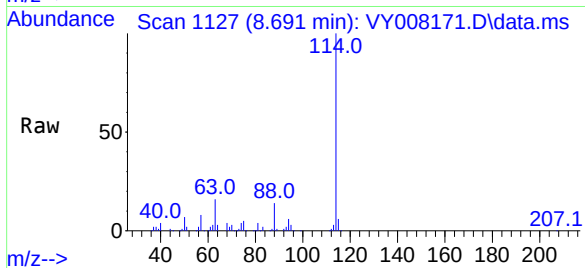
Tgt Ion:114 Resp: 105965

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.832 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008171.D

Acq: 01 Apr 2022 19:11

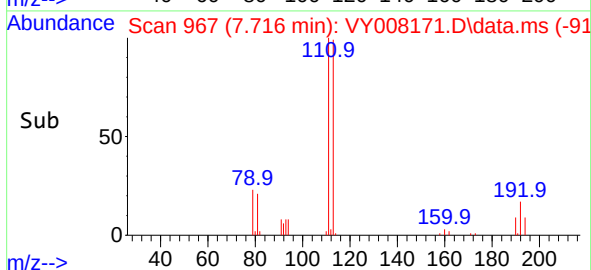
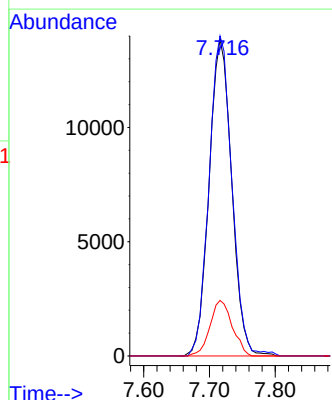
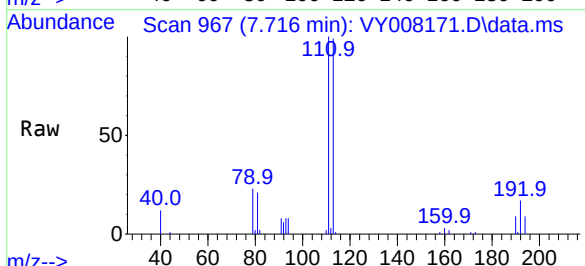
Tgt Ion:113 Resp: 33107

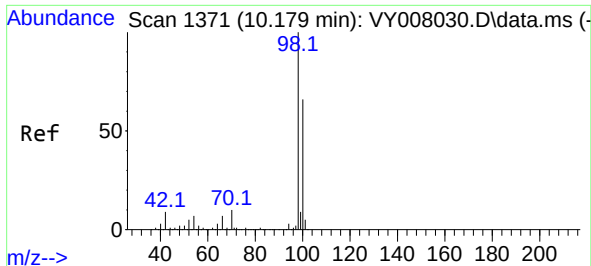
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 17.3 17.6 26.4#

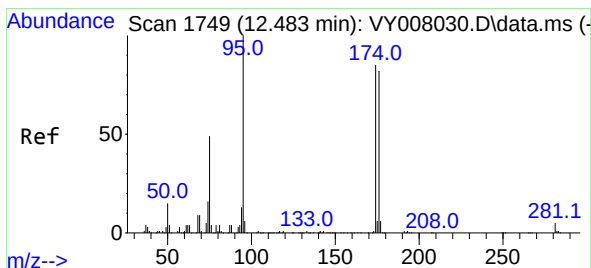
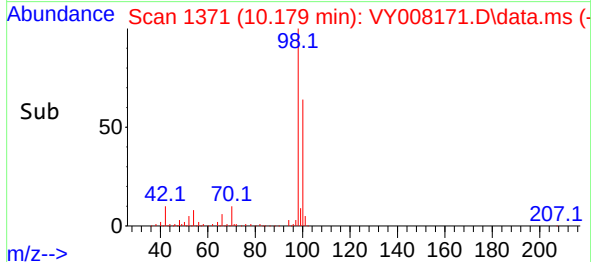
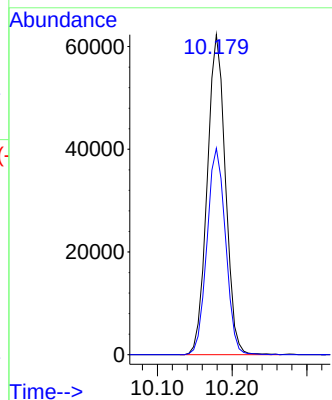
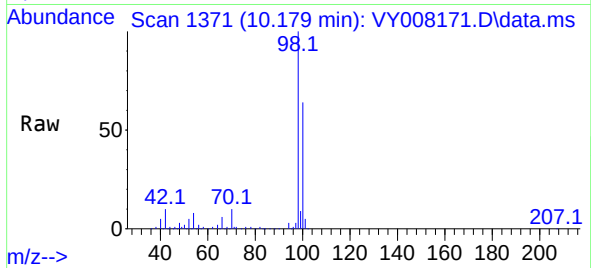




#50
Toluene-d8
Concen: 42.154 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008171.D
Acq: 01 Apr 2022 19:11

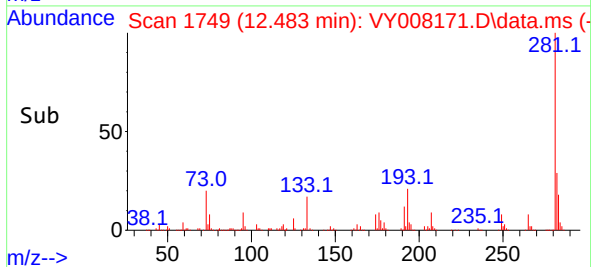
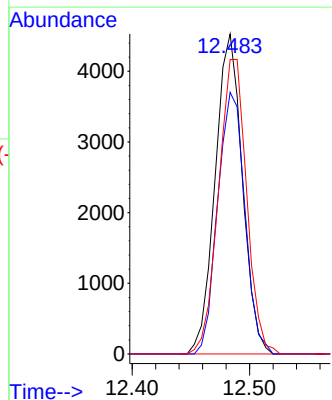
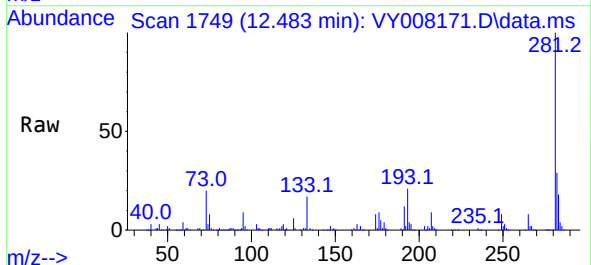
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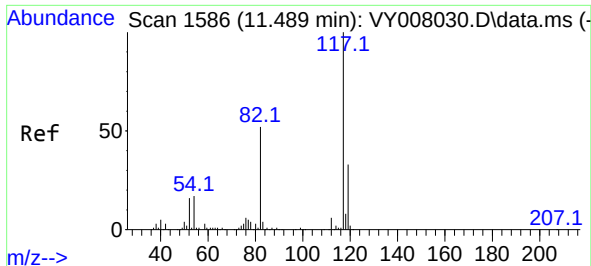
Tgt Ion: 98 Resp: 105512
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 8.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008171.D
Acq: 01 Apr 2022 19:11

Tgt Ion: 95 Resp: 7281
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 95.3 0.0 175.8

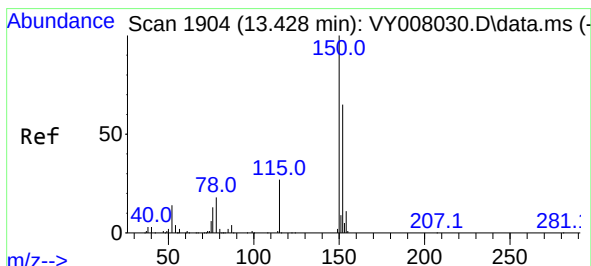
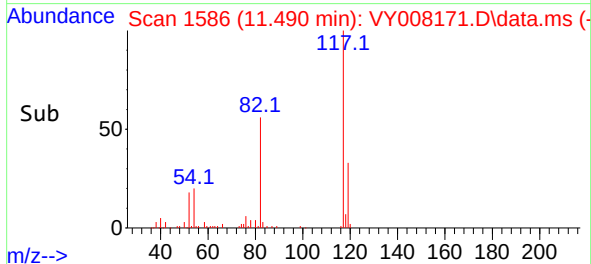
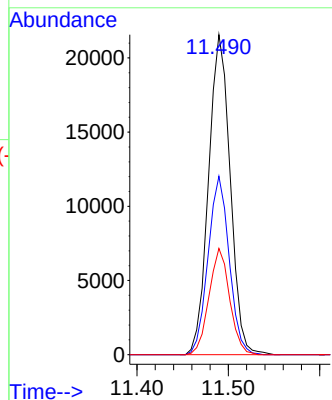
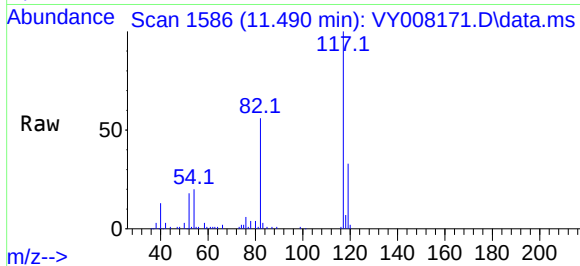




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008171.D
Acq: 01 Apr 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
A06015

Tgt Ion:	117	Resp:	35468
Ion Ratio	Lower	Upper	
117	100		
82	55.8	43.0	64.4
119	33.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008171.D
Acq: 01 Apr 2022 19:11

Tgt Ion:	152	Resp:	4058
Ion Ratio	Lower	Upper	
152	100		
115	60.8	28.2	84.7
150	165.5	0.0	347.6

