

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008170.D
 Acq On : 01 Apr 2022 18:48
 Operator : SY/MD
 Sample : N2220-13
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A05140

Quant Time: Apr 02 03:59:18 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	98455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	160163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	86200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48413	49.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.020%
35) Dibromofluoromethane	7.715	113	56466	56.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.460%
50) Toluene-d8	10.178	98	172432	45.578	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.483	95	22816	17.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.180%

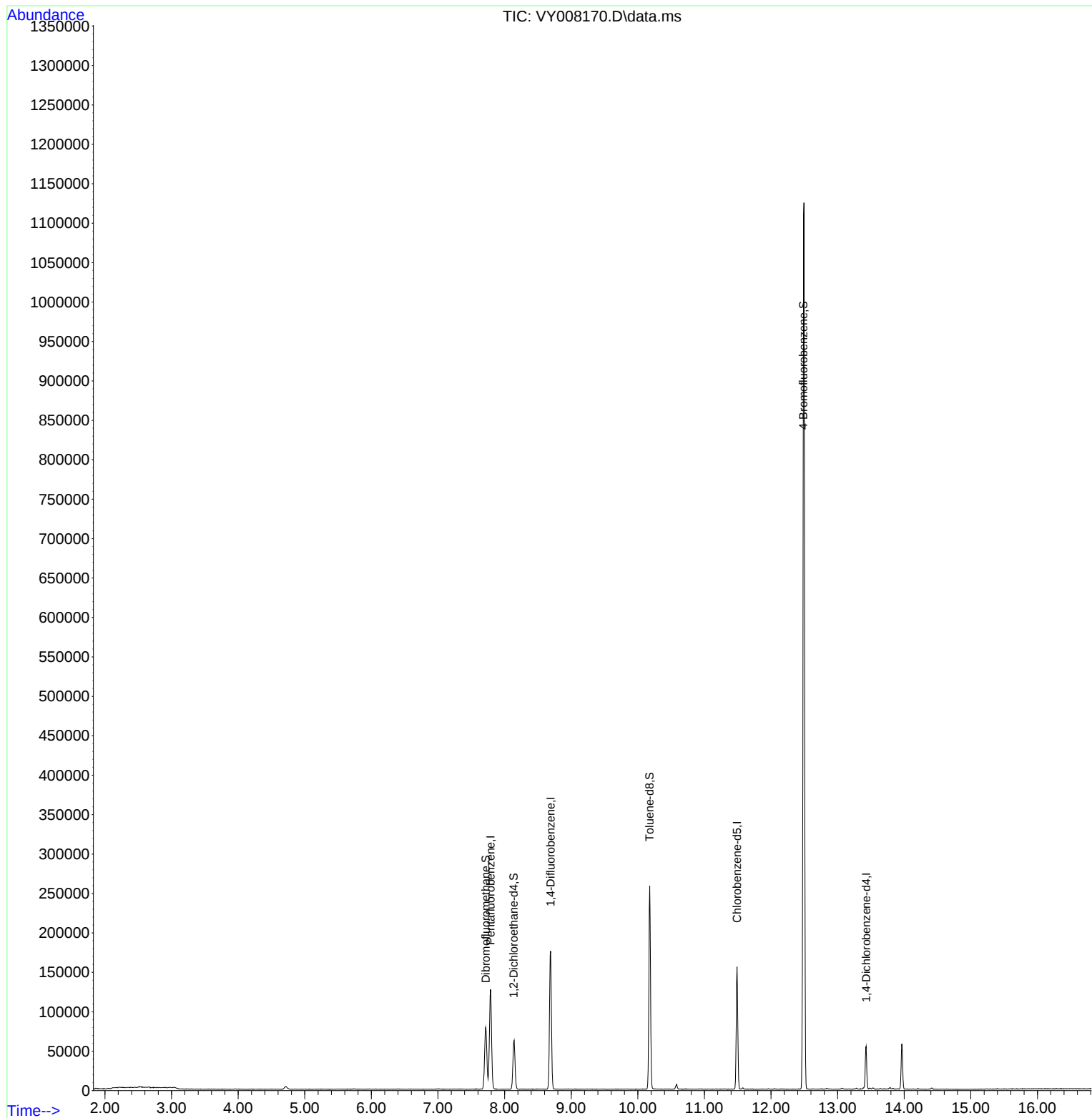
Target Compounds	Qvalue

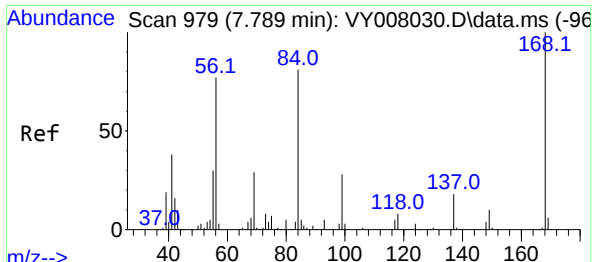
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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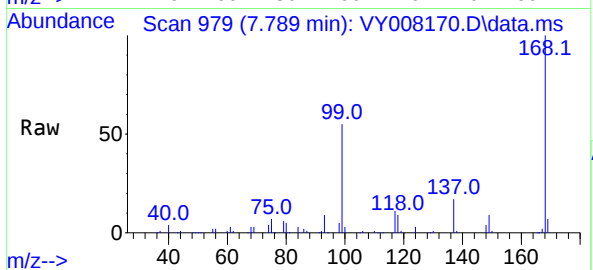
Quant Time: Apr 02 03:59:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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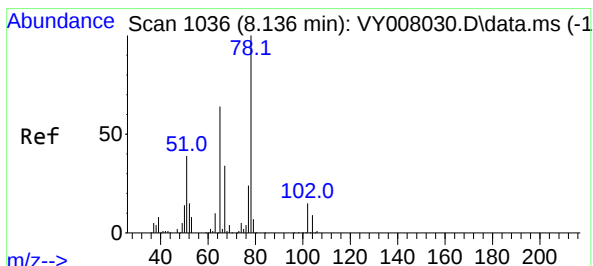
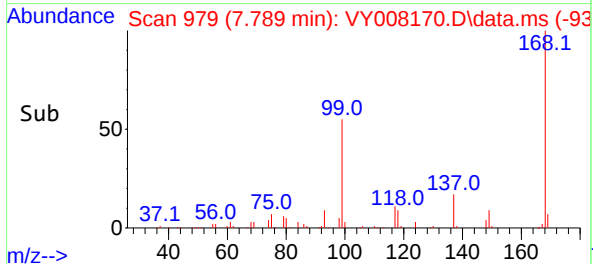
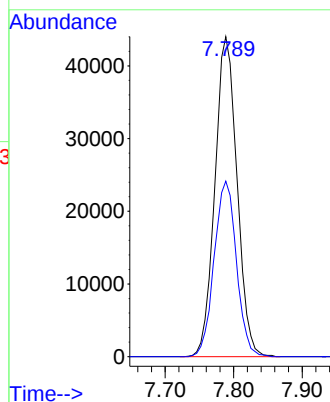


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008170.D
Acq: 01 Apr 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
A05140

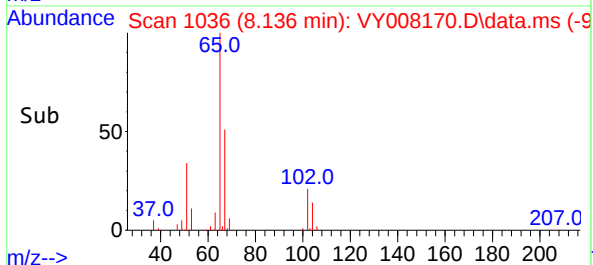
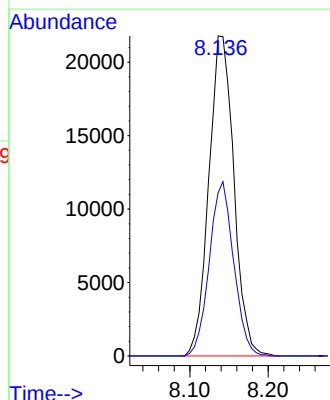
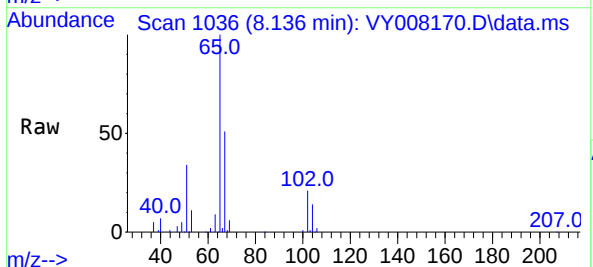


Tgt Ion:168 Resp: 98455
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.011 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008170.D
Acq: 01 Apr 2022 18:48

Tgt Ion: 65 Resp: 48413
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008170.D

Acq: 01 Apr 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

A05140

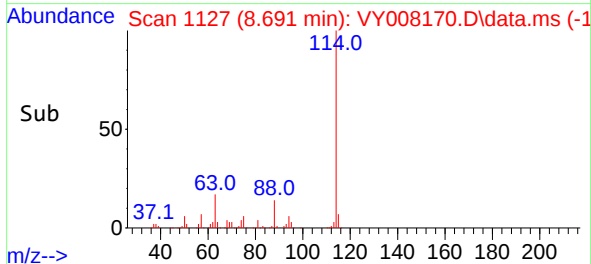
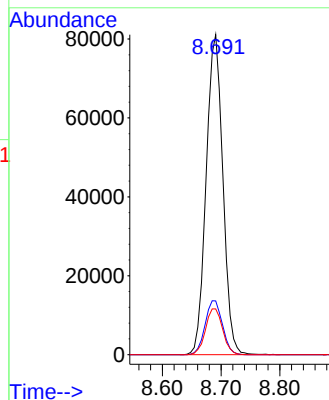
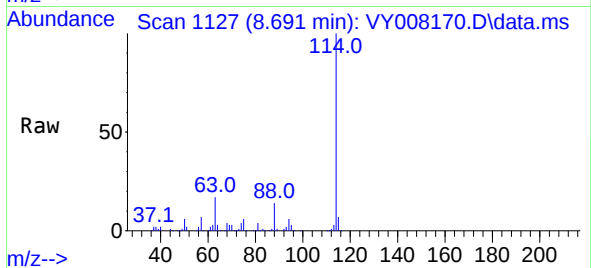
Tgt Ion:114 Resp: 160163

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.231 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY008170.D

Acq: 01 Apr 2022 18:48

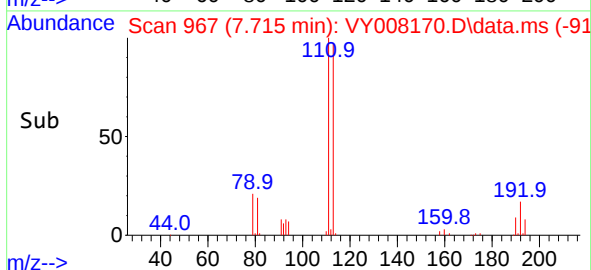
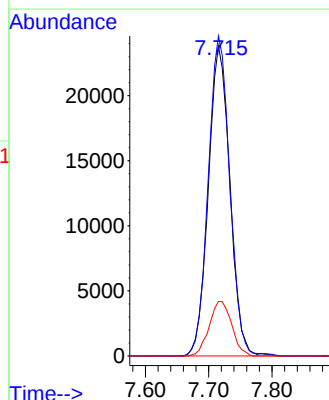
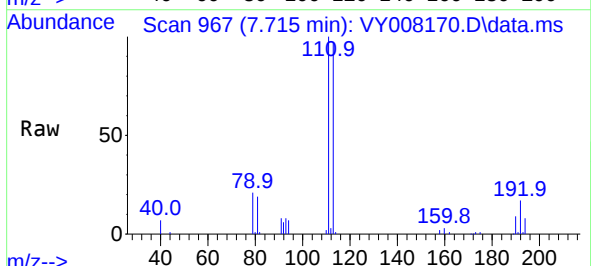
Tgt Ion:113 Resp: 56466

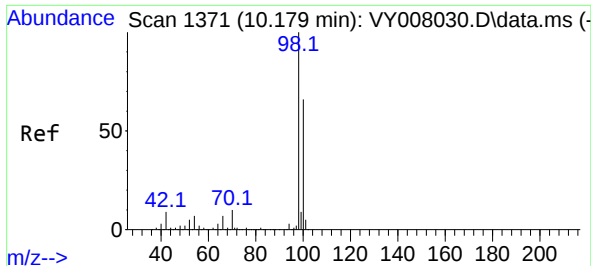
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.4 17.6 26.4

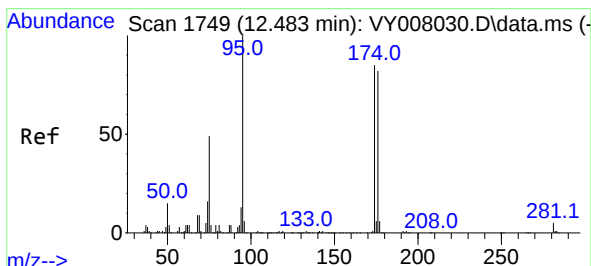
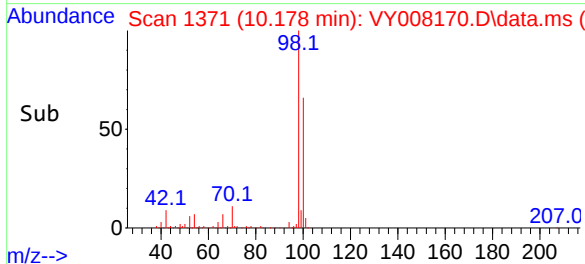
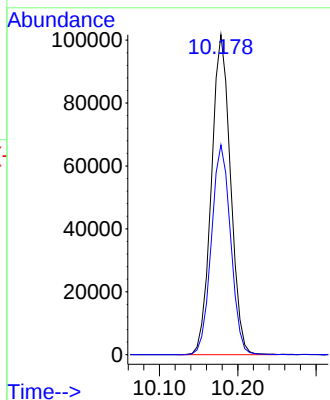
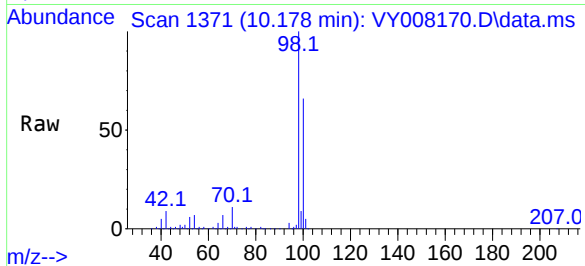




#50
Toluene-d8
Concen: 45.578 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008170.D
Acq: 01 Apr 2022 18:48

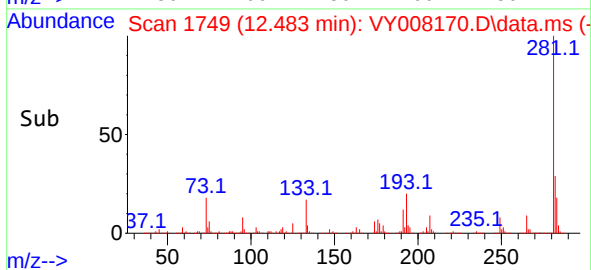
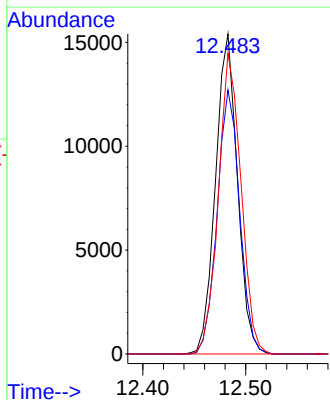
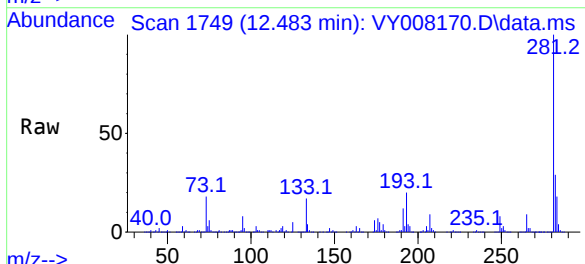
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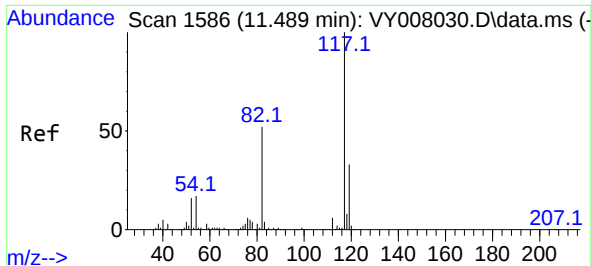
Tgt Ion: 98 Resp: 172432
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 17.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008170.D
Acq: 01 Apr 2022 18:48

Tgt Ion: 95 Resp: 22816
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 97.1 0.0 175.8

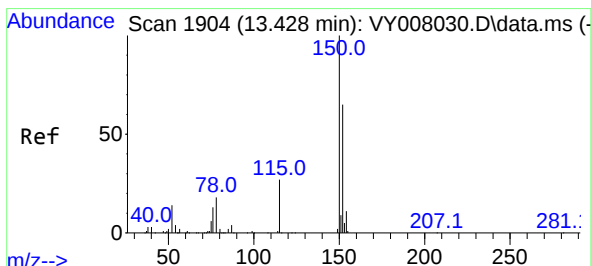
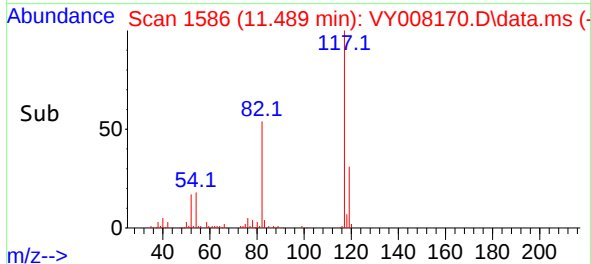
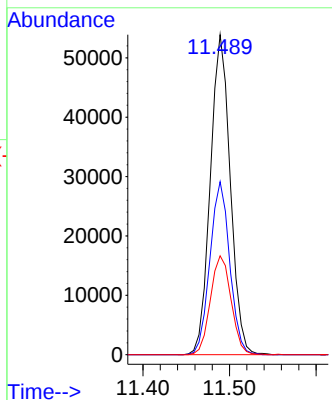
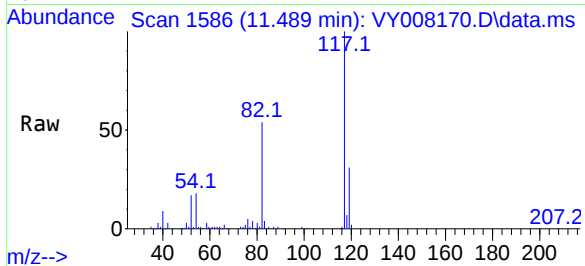




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008170.D
Acq: 01 Apr 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
A05140

Tgt Ion:	117	Resp:	86200
Ion Ratio	Lower	Upper	
117	100		
82	54.1	43.0	64.4
119	30.9	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: VY008170.D
Acq: 01 Apr 2022 18:48

Tgt Ion:	152	Resp:	14329
Ion Ratio	Lower	Upper	
152	100		
115	57.4	28.2	84.7
150	152.2	0.0	347.6

