

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008183.D
 Acq On : 04 Apr 2022 16:16
 Operator : SY/MD
 Sample : N2220-14RE
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A06015RE

Quant Time: Apr 05 04:42:02 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	107344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	81675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52372	48.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.716	113	61621	57.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.700%
50) Toluene-d8	10.179	98	181573	45.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.483	95	19686	13.903	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	27.800%

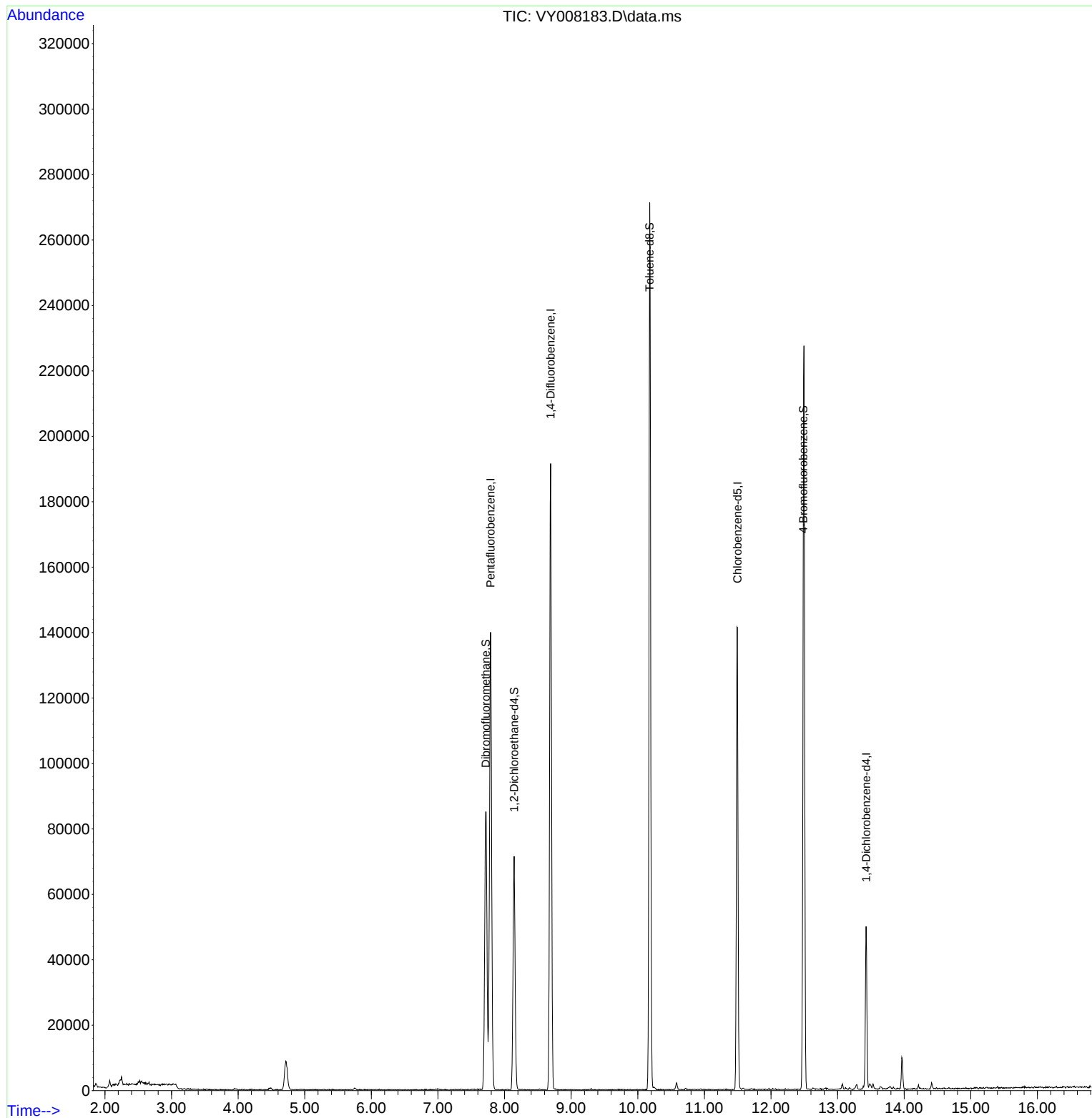
Target Compounds	Qvalue

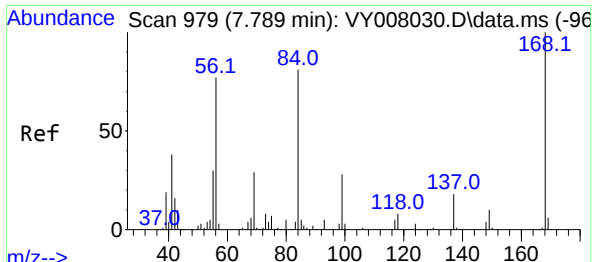
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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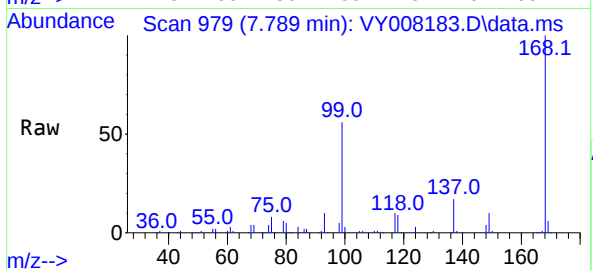
Quant Time: Apr 05 04:42:02 2022
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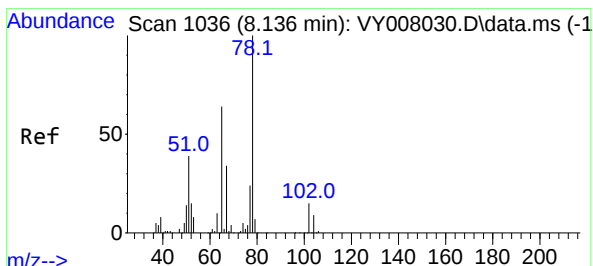
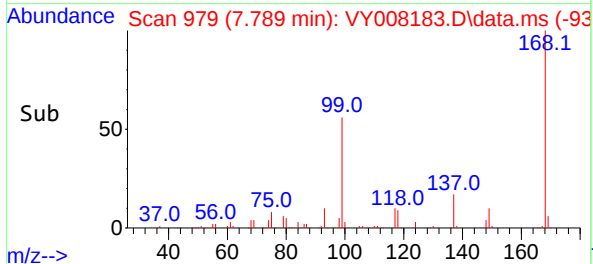
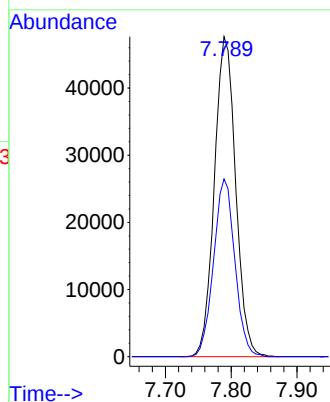


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :
A06015RE

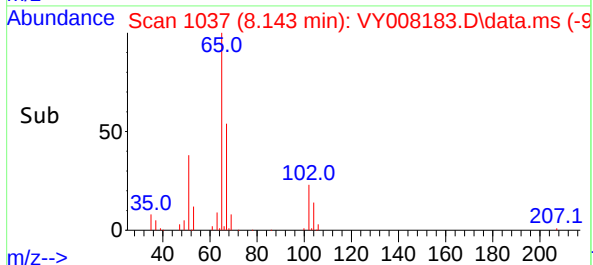
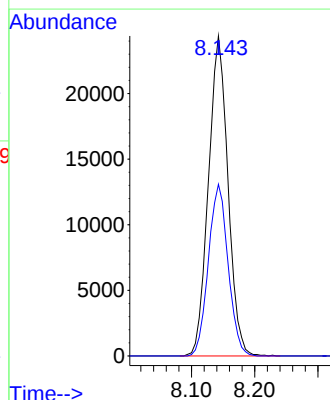
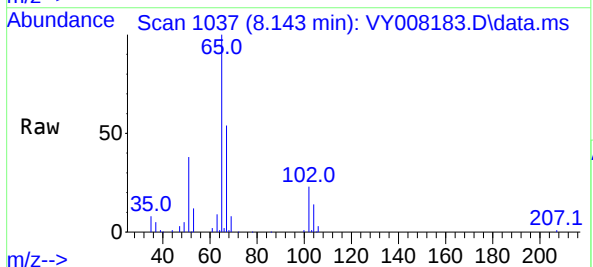


Tgt Ion:168 Resp: 107344
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.628 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

Tgt Ion: 65 Resp: 52372
Ion Ratio Lower Upper
65 100
67 54.0 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: VY008183.D

Acq: 04 Apr 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

A06015RE

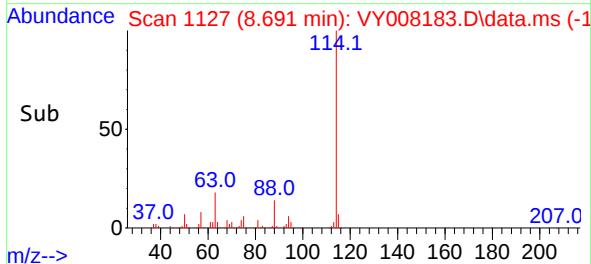
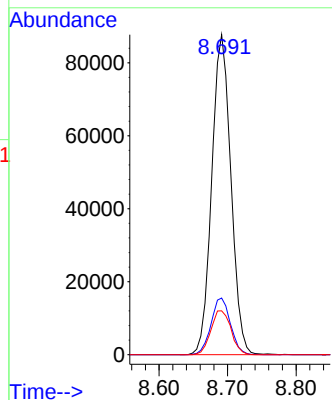
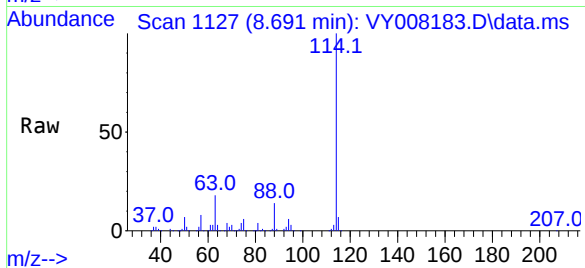
Tgt Ion:114 Resp: 169903

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.847 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008183.D

Acq: 04 Apr 2022 16:16

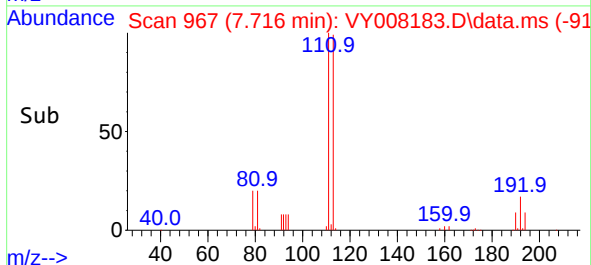
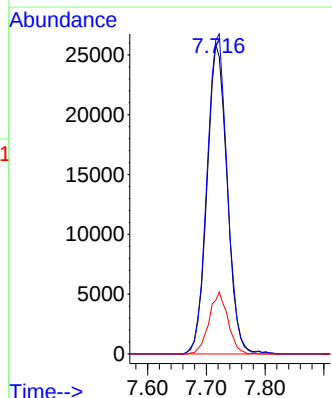
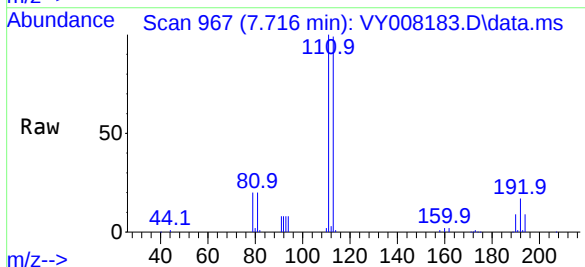
Tgt Ion:113 Resp: 61621

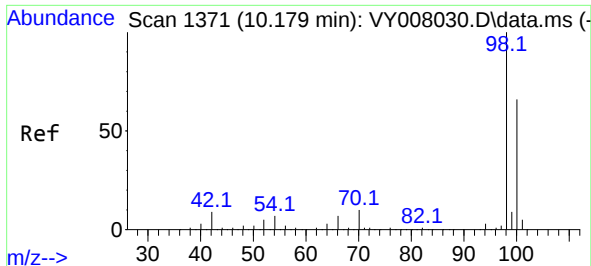
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.8 17.6 26.4

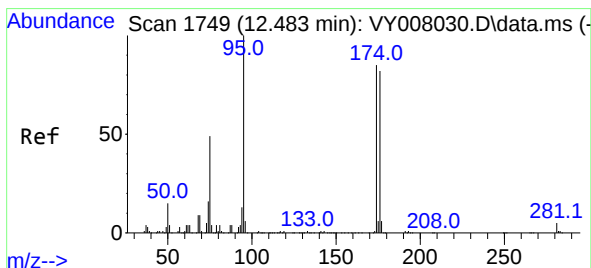
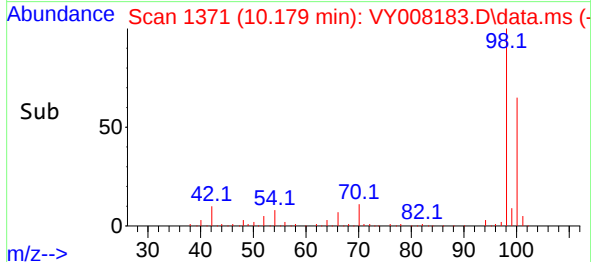
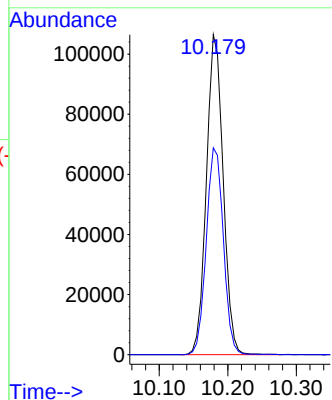
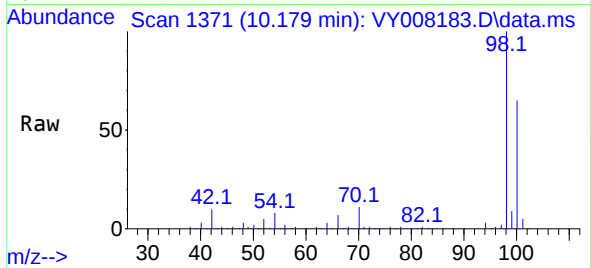




#50
Toluene-d8
Concen: 45.243 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

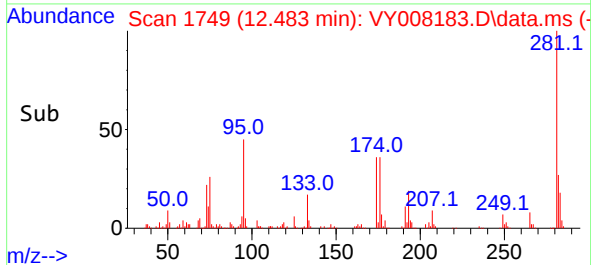
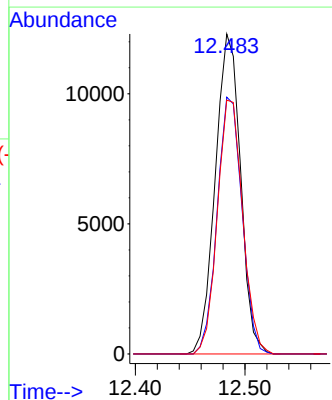
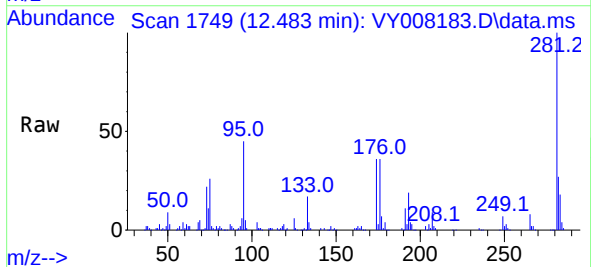
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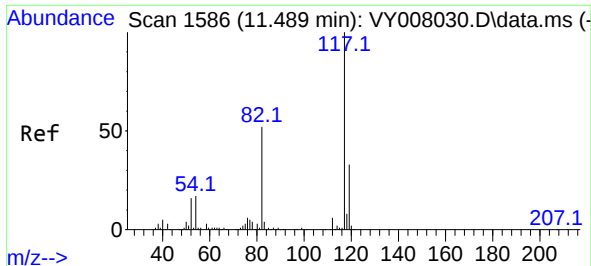
Tgt Ion: 98 Resp: 181573
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 13.903 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

Tgt Ion: 95 Resp: 19686
Ion Ratio Lower Upper
95 100
174 79.0 0.0 177.0
176 79.5 0.0 175.8

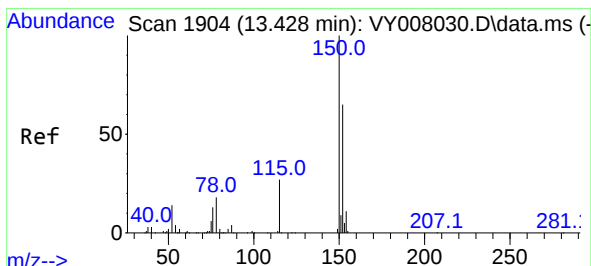
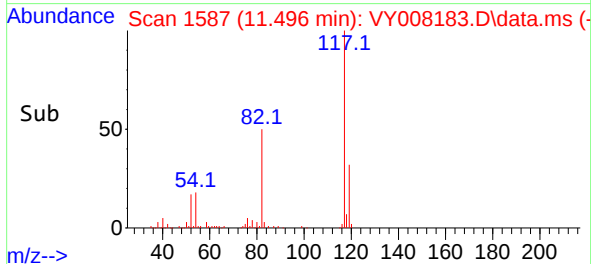
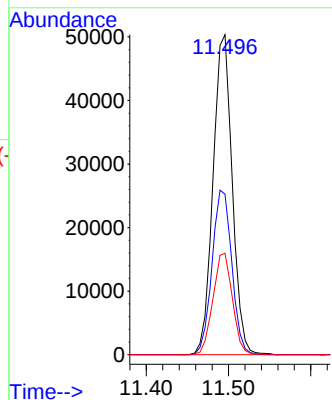
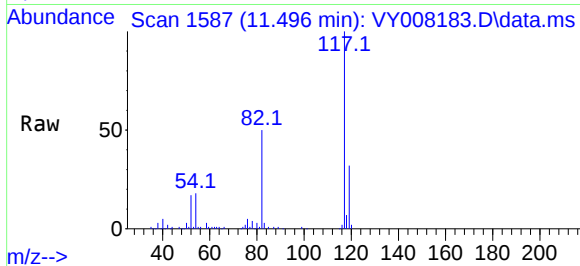




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008183.D
Acq: 04 Apr 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :
A06015RE

Tgt Ion:	117	Resp:	81675
Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.0	64.4
119	31.7	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: VY008183.D
Acq: 04 Apr 2022 16:16

Tgt Ion:	152	Resp:	12990
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	157.1	0.0	347.6

