

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008863.D
 Acq On : 19 May 2022 13:27
 Operator : KP/MD
 Sample : N2832-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB21

Quant Time: May 19 16:58:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	143849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89218	66.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.720%
35) Dibromofluoromethane	7.716	113	81790	55.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.179	98	320722	48.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.483	95	94434	40.946	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.900%

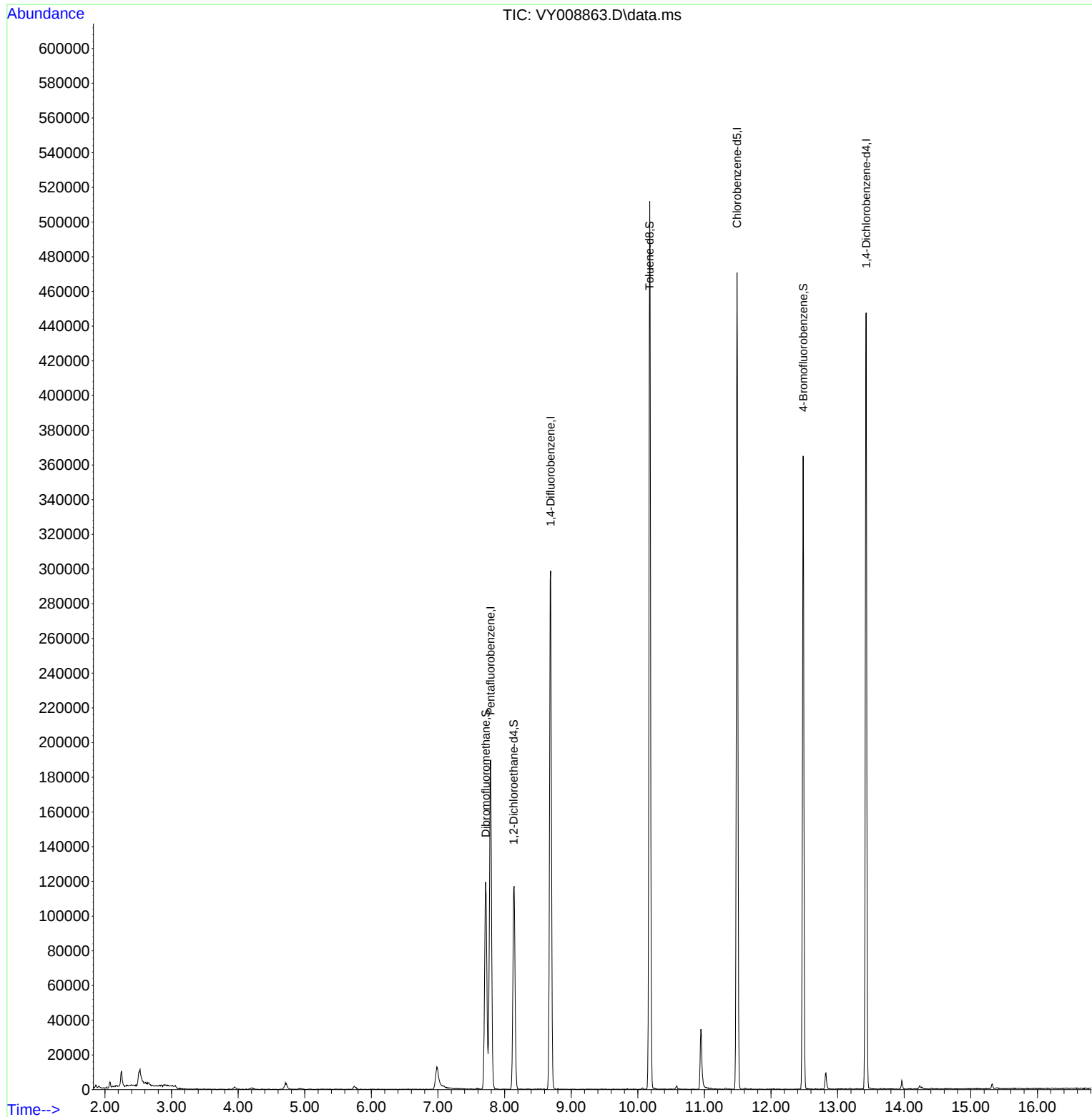
Target Compounds	Qvalue

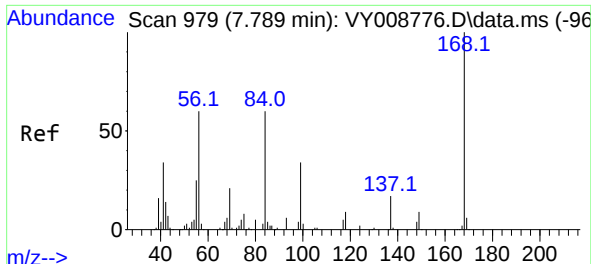
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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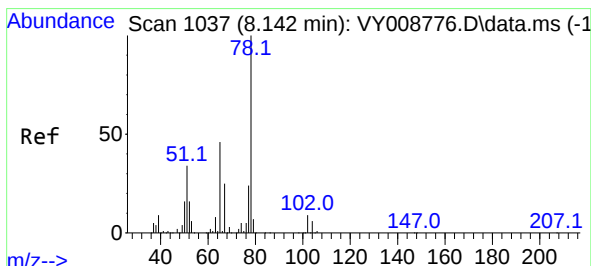
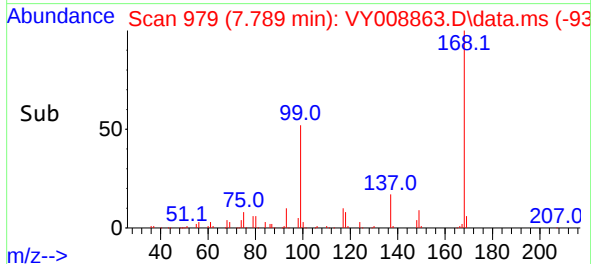
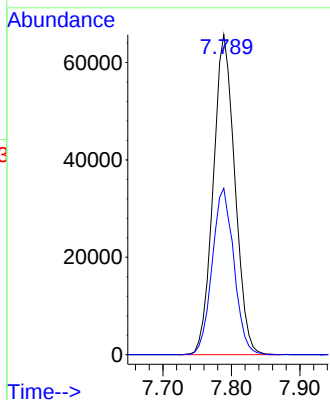
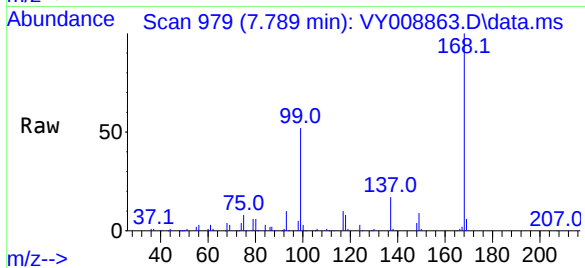




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008863.D
Acq: 19 May 2022 13:27

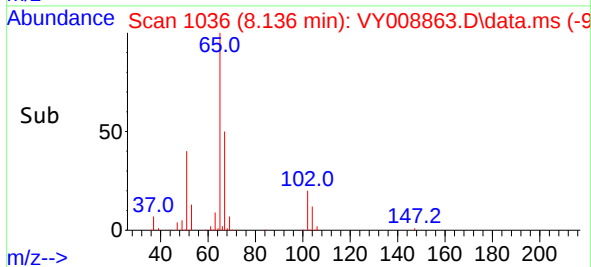
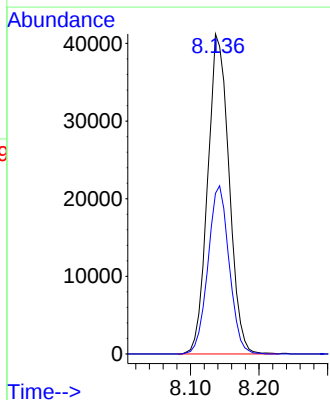
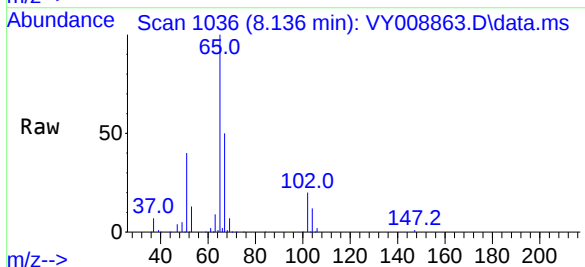
Instrument :
MSVOA_Y
ClientSampleId :
SB21

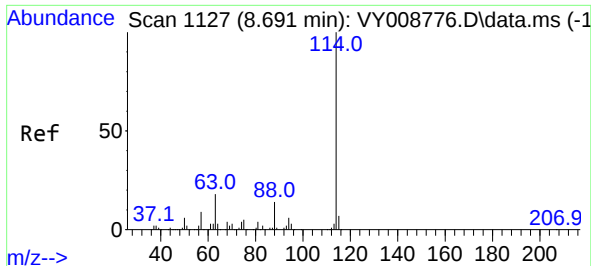
Tgt Ion:168 Resp: 143849
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.855 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008863.D
Acq: 19 May 2022 13:27

Tgt Ion: 65 Resp: 89218
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008863.D

Acq: 19 May 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

SB21

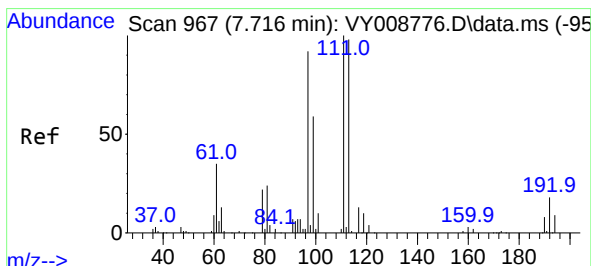
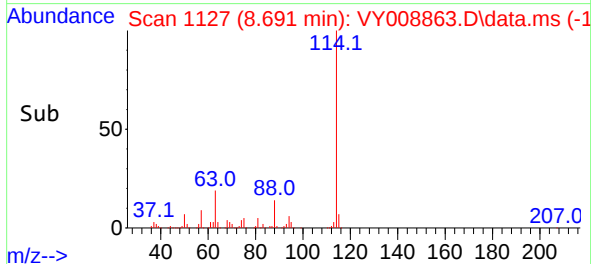
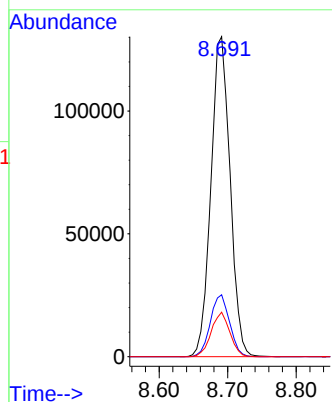
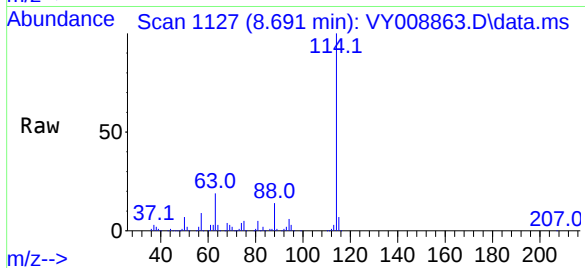
Tgt Ion:114 Resp: 253037

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.322 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008863.D

Acq: 19 May 2022 13:27

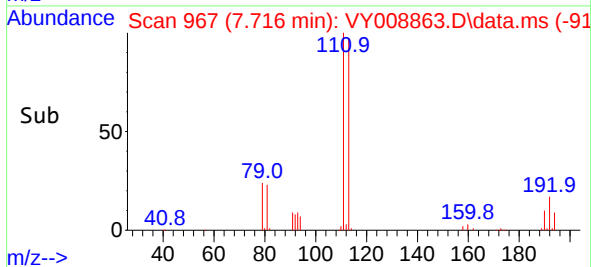
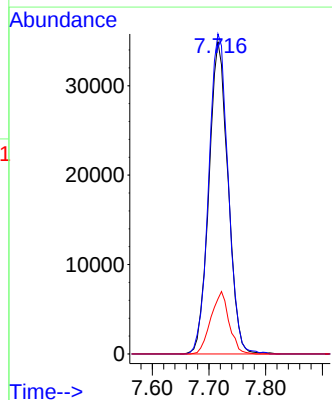
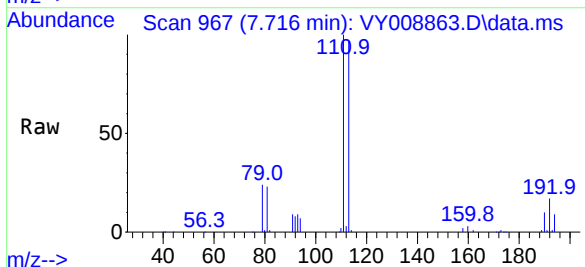
Tgt Ion:113 Resp: 81790

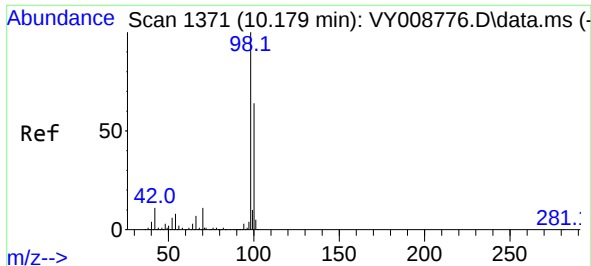
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.1 17.6 26.4

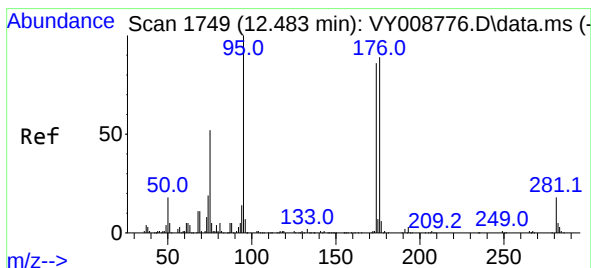
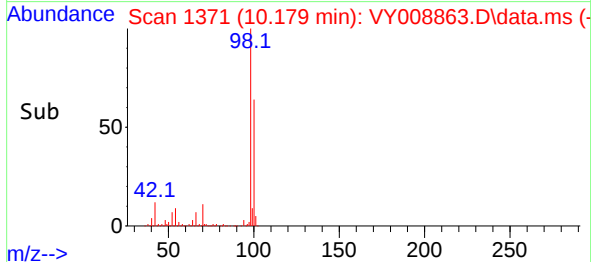
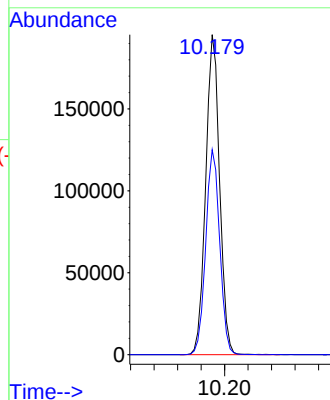
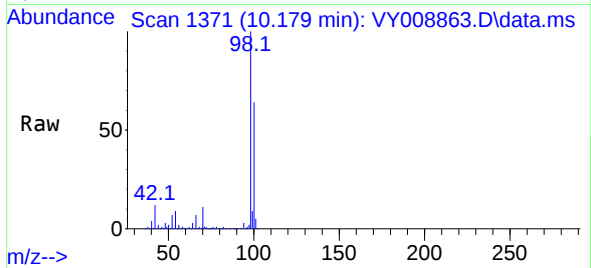




#50
Toluene-d8
Concen: 48.880 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008863.D
Acq: 19 May 2022 13:27

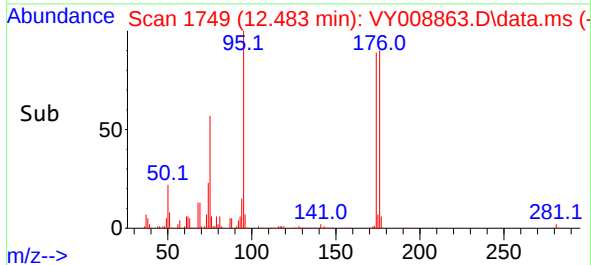
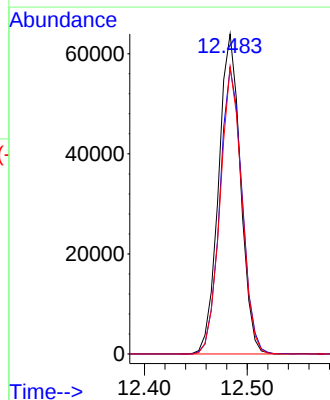
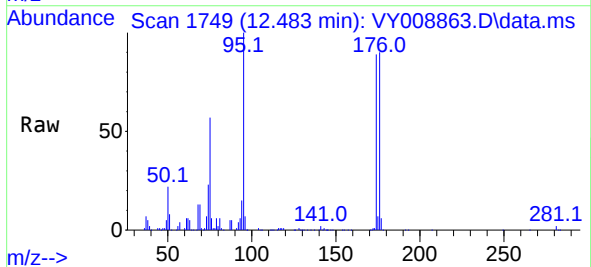
Instrument :
MSVOA_Y
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SB21

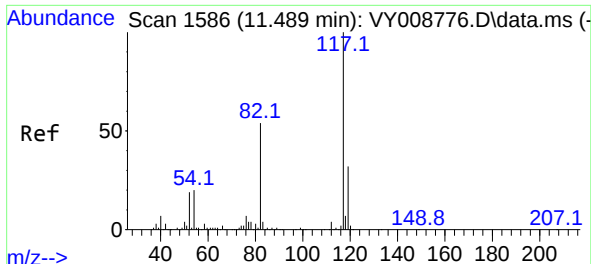
Tgt Ion: 98 Resp: 320722
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.946 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008863.D
Acq: 19 May 2022 13:27

Tgt Ion: 95 Resp: 94434
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.3 0.0 175.8

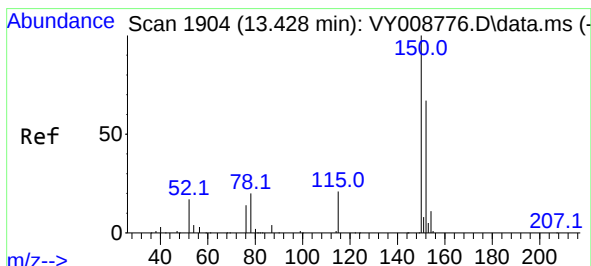
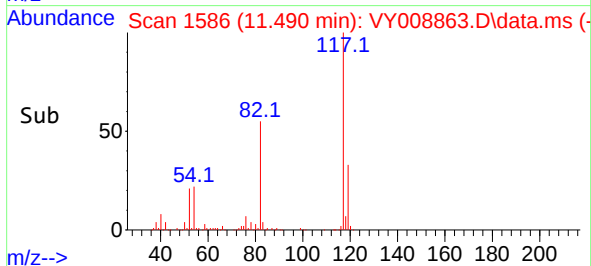
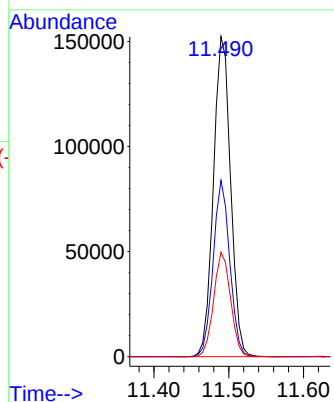
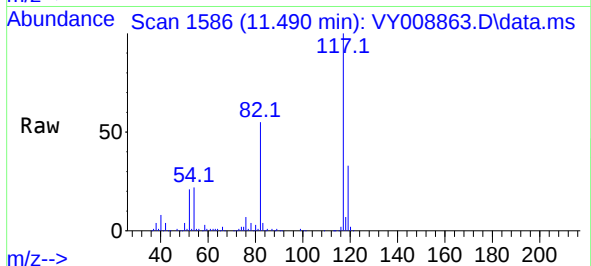




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008863.D
Acq: 19 May 2022 13:27

Instrument :
MSVOA_Y
ClientSampleId :
SB21

Tgt Ion:117	Resp: 243692		
Ion Ratio	Lower	Upper	
117 100			
82 55.1	43.0	64.4	
119 32.6	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: VY008863.D
Acq: 19 May 2022 13:27

Tgt Ion:152	Resp: 108217		
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.2	84.7
150	153.1	0.0	347.6

