

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008868.D
 Acq On : 19 May 2022 15:24
 Operator : KP/MD
 Sample : N2832-10RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB11RE

Quant Time: May 20 02:52:12 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	4783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3437	77.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.920%
35) Dibromofluoromethane	7.716	113	2653	61.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.700%
50) Toluene-d8	10.179	98	8433	44.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.520%
62) 4-Bromofluorobenzene	12.483	95	2037	31.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.220%

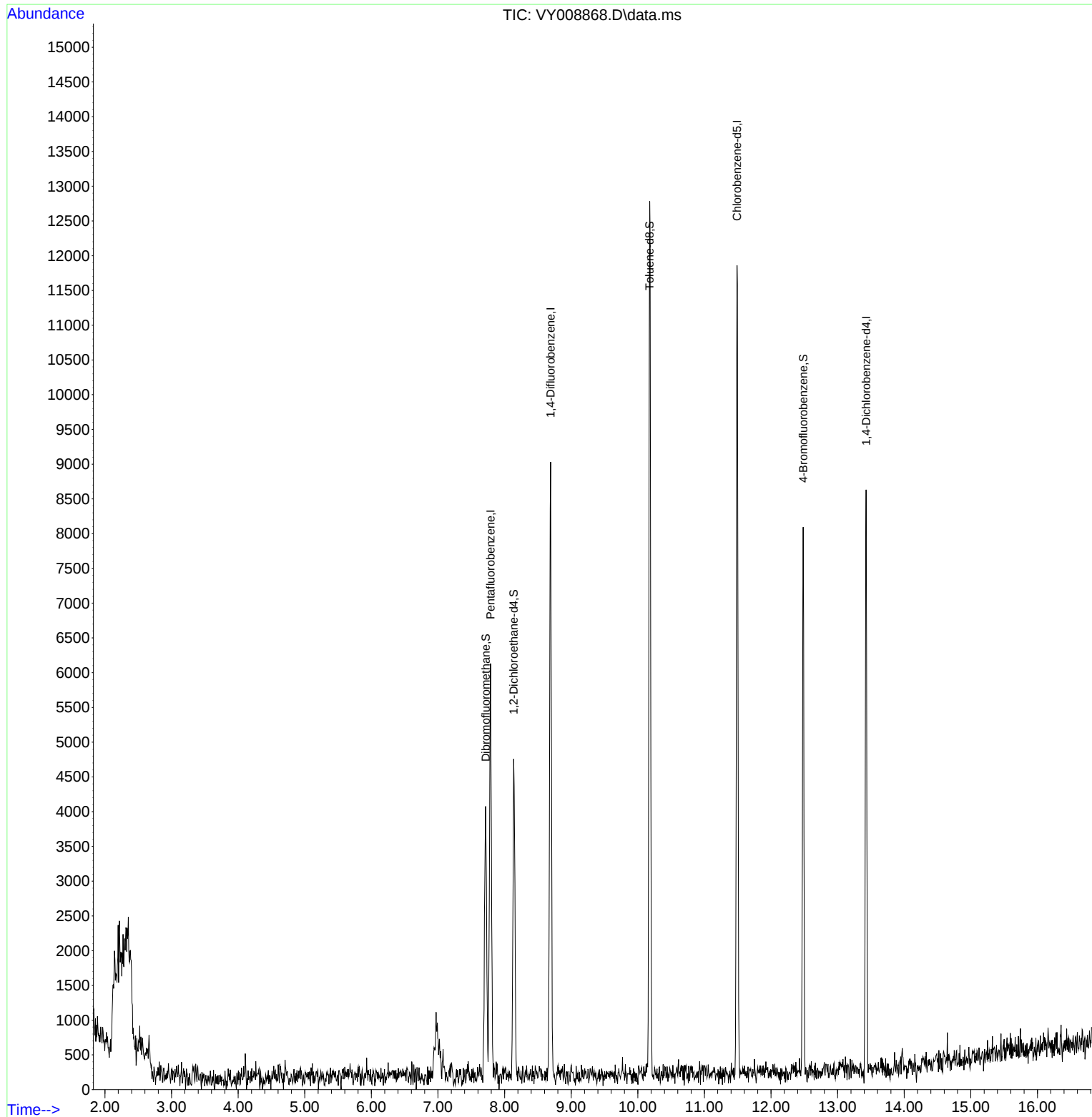
Target Compounds	Qvalue

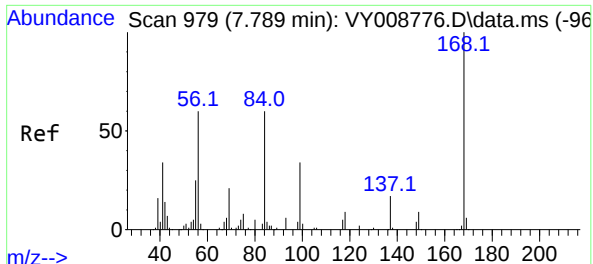
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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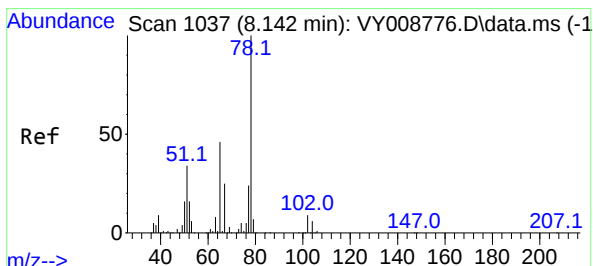
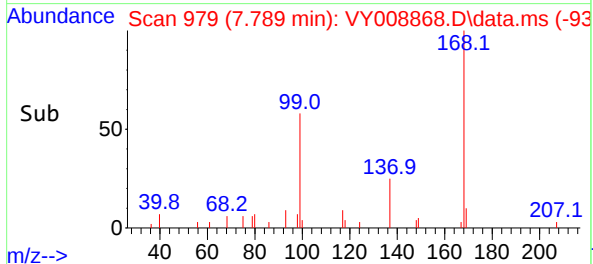
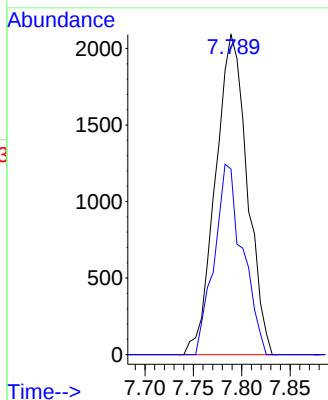
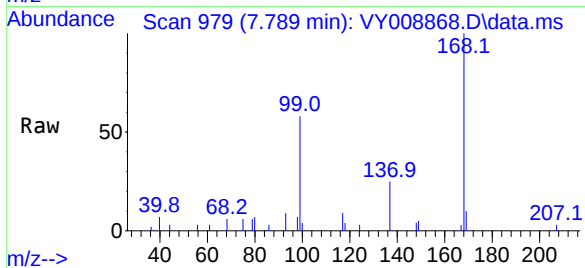




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008868.D
Acq: 19 May 2022 15:24

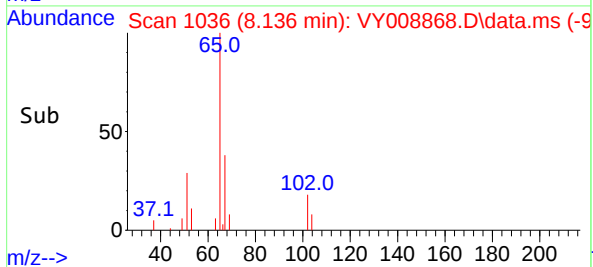
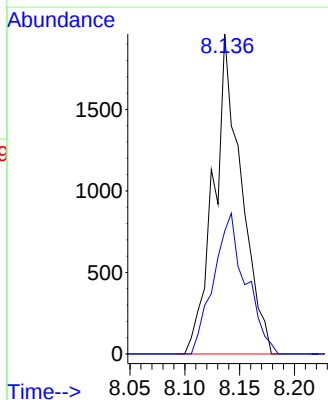
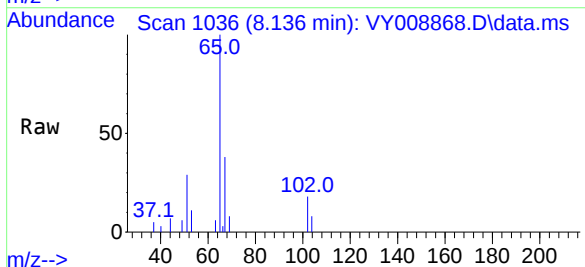
Instrument :
MSVOA_Y
ClientSampleId :
SB11RE

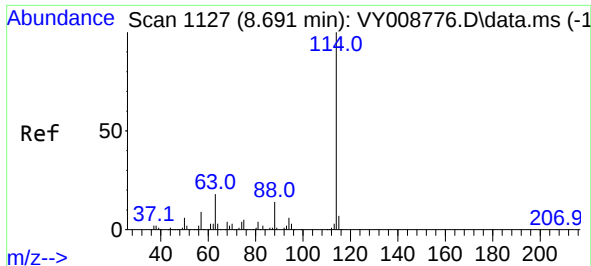
Tgt Ion:168 Resp: 4783
Ion Ratio Lower Upper
168 100
99 58.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 77.458 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008868.D
Acq: 19 May 2022 15:24

Tgt Ion: 65 Resp: 3437
Ion Ratio Lower Upper
65 100
67 51.1 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: VY008868.D

Acq: 19 May 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

SB11RE

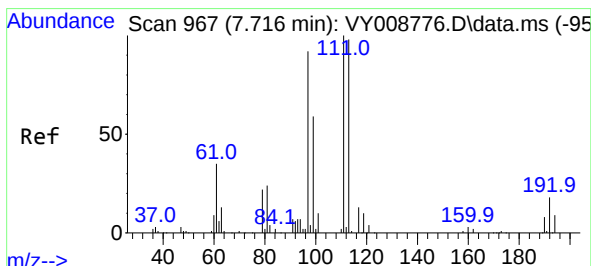
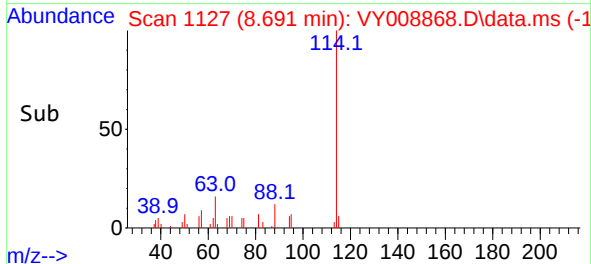
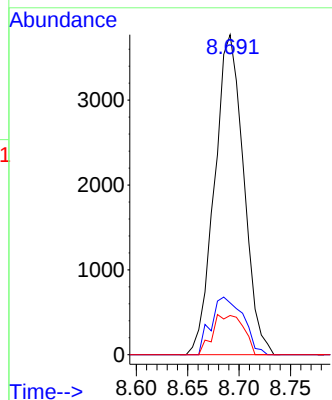
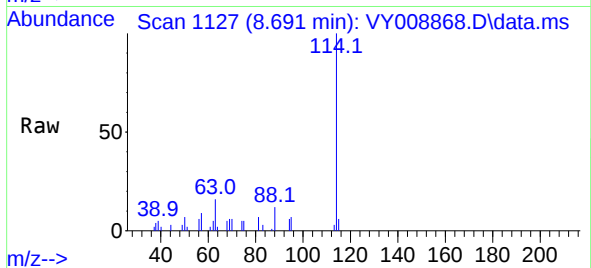
Tgt Ion:114 Resp: 7401

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 12.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.352 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008868.D

Acq: 19 May 2022 15:24

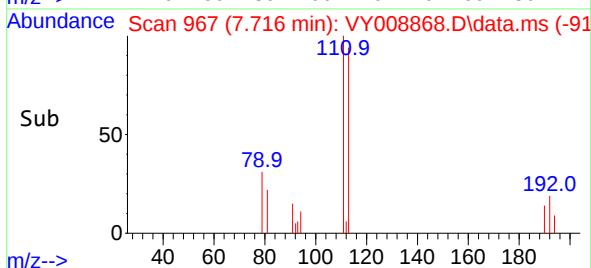
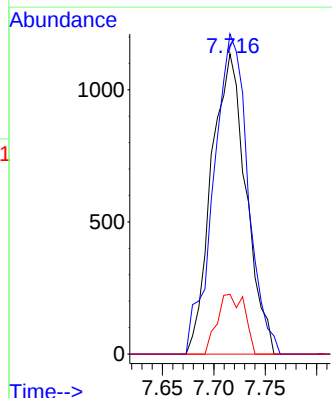
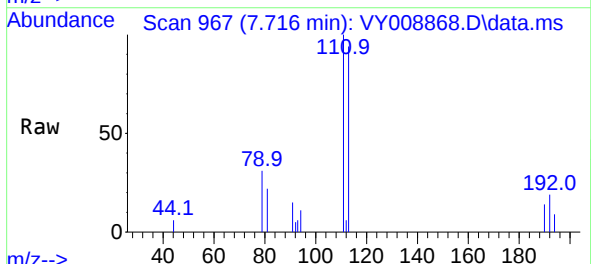
Tgt Ion:113 Resp: 2653

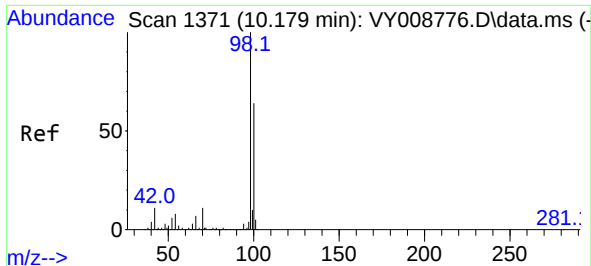
Ion Ratio Lower Upper

113 100

111 106.0 82.6 124.0

192 15.7 17.6 26.4#

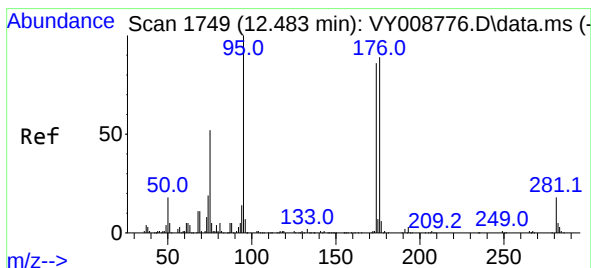
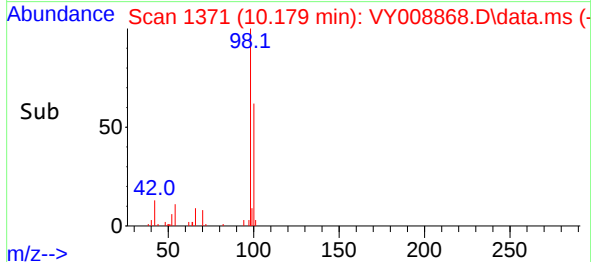
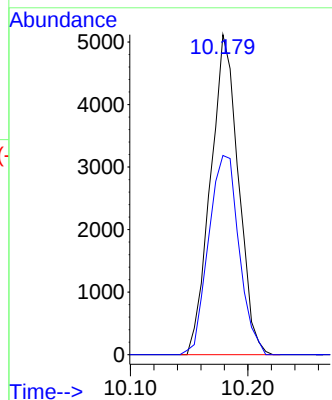
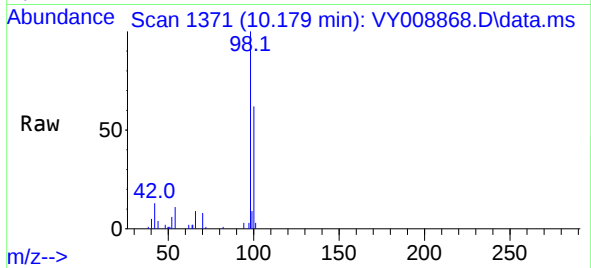




#50
Toluene-d8
Concen: 44.262 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008868.D
Acq: 19 May 2022 15:24

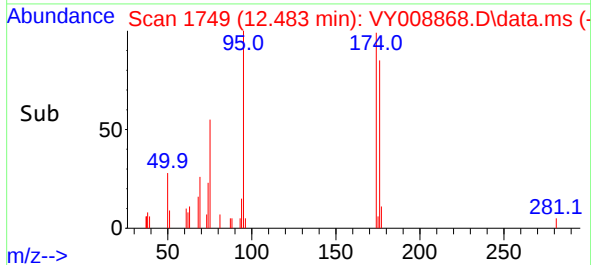
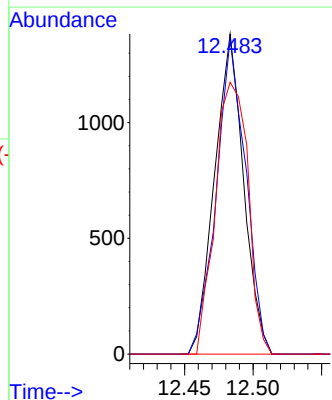
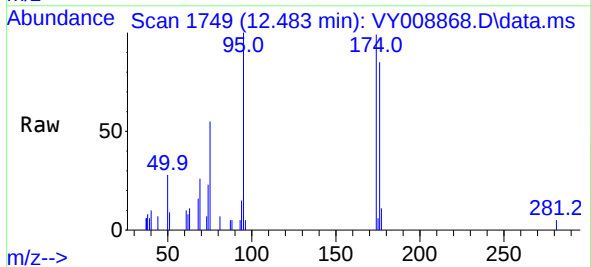
Instrument :
MSVOA_Y
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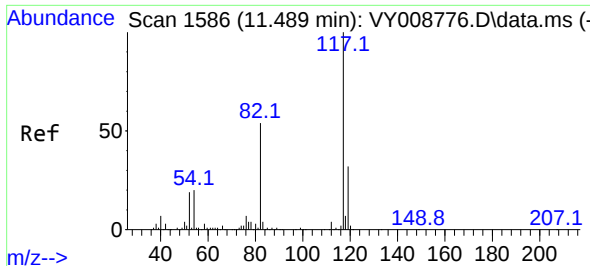
Tgt Ion: 98 Resp: 8433
Ion Ratio Lower Upper
98 100
100 68.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008868.D
Acq: 19 May 2022 15:24

Tgt Ion: 95 Resp: 2037
Ion Ratio Lower Upper
95 100
174 99.4 0.0 177.0
176 95.7 0.0 175.8

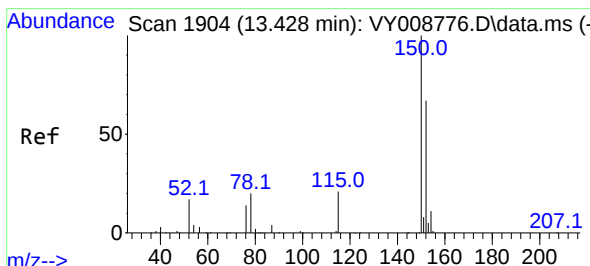
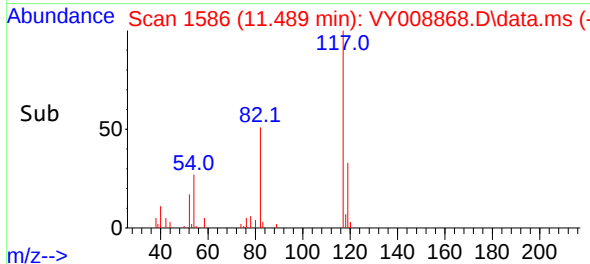
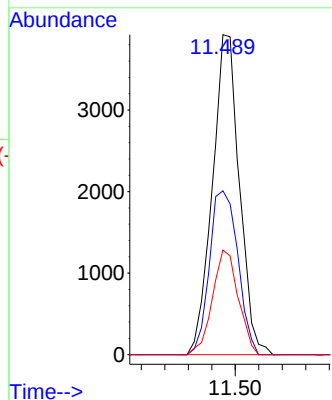
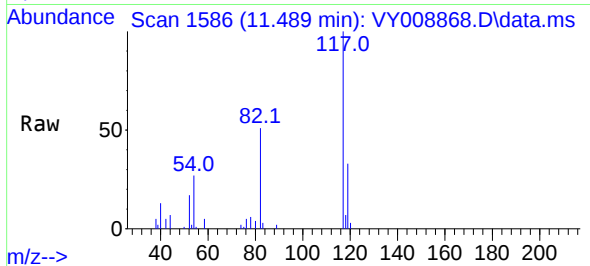




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008868.D
Acq: 19 May 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :
SB11RE

Tgt Ion:	117	Resp:	6270
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.0	64.4
119	32.7	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: VY008868.D
Acq: 19 May 2022 15:24

Tgt Ion:	152	Resp:	2189
Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	162.7	0.0	347.6

