

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008450.D
 Acq On : 21 Apr 2022 18:59
 Operator : KP/MD
 Sample : N2511-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1528

Quant Time: Apr 22 05:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	710	89.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.060%#
35) Dibromofluoromethane	7.716	113	406	47.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.179	98	1599	47.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.483	95	516	44.948	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.900%

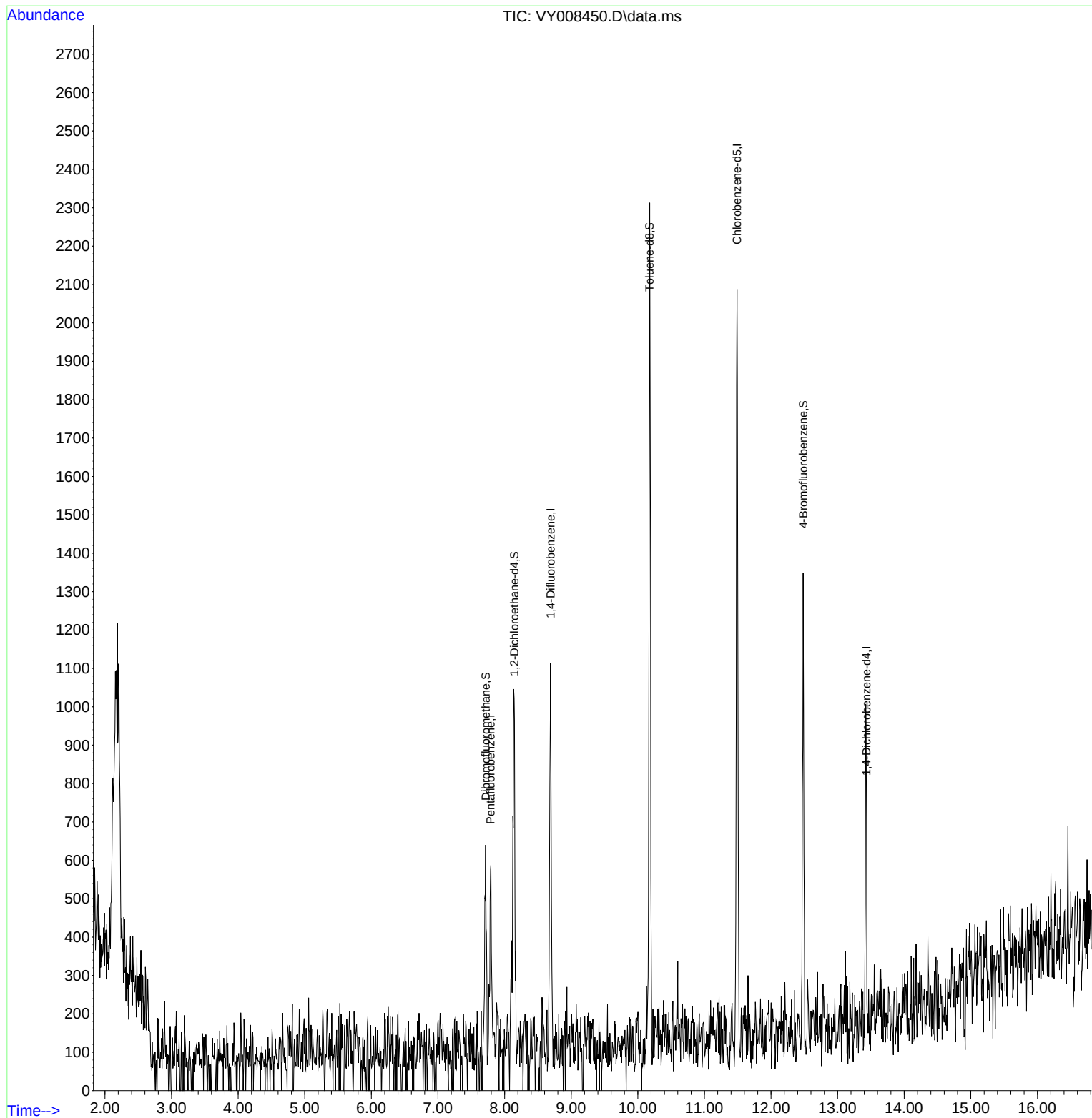
Target Compounds	Qvalue

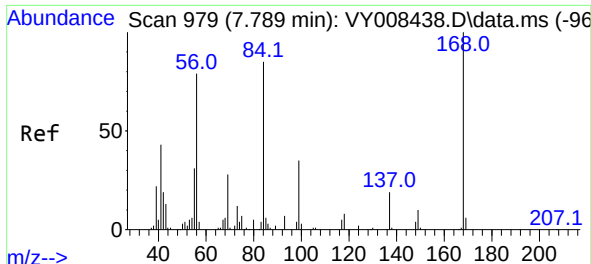
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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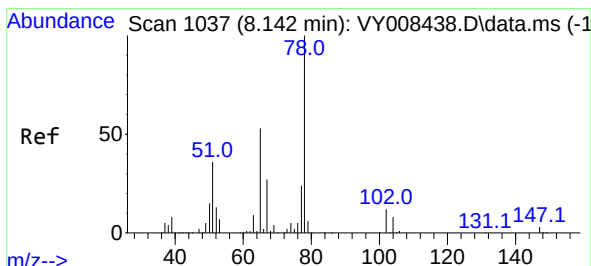
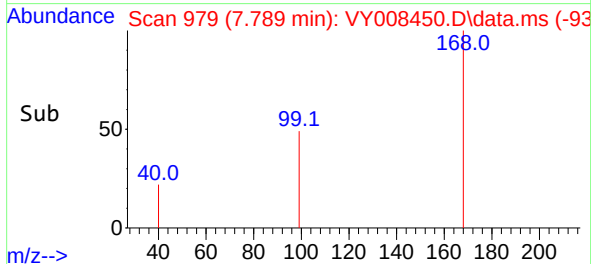
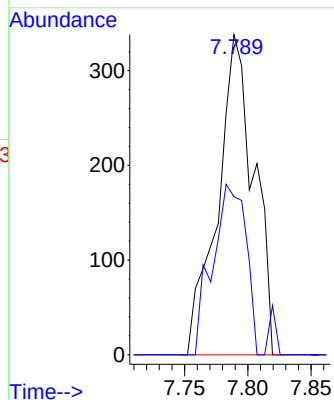
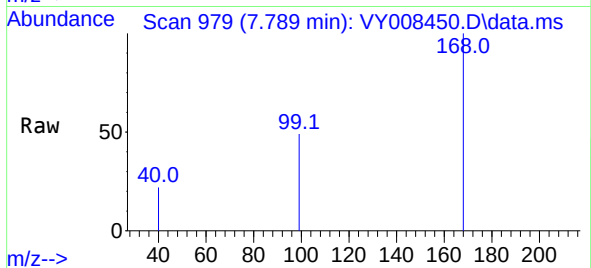




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008450.D
Acq: 21 Apr 2022 18:59

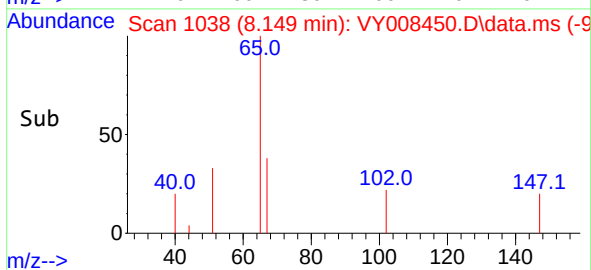
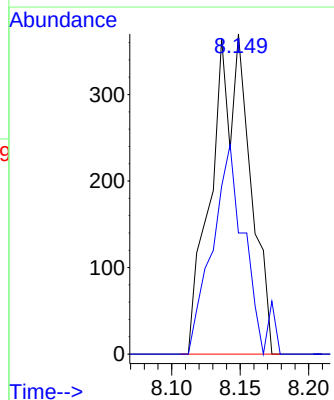
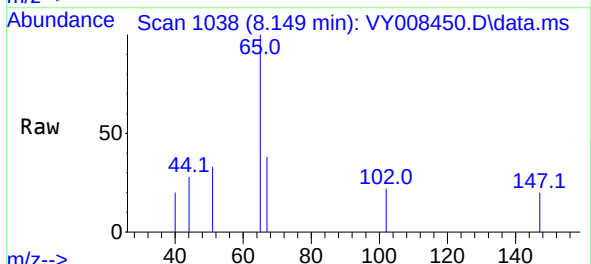
Instrument :
MSVOA_Y
ClientSampleId :
1528

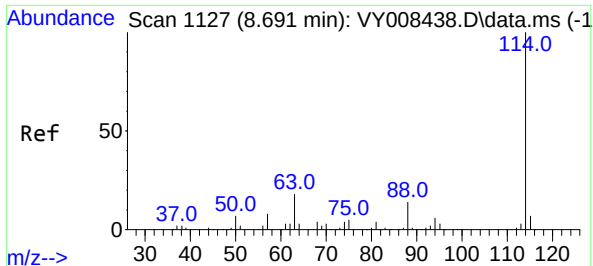
Tgt Ion:168 Resp: 674
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 89.528 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY008450.D
Acq: 21 Apr 2022 18:59

Tgt Ion: 65 Resp: 710
Ion Ratio Lower Upper
65 100
67 56.8 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: VY008450.D

Acq: 21 Apr 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

1528

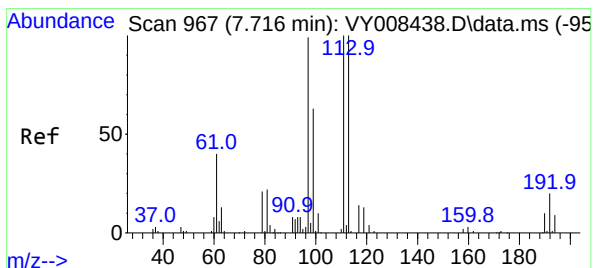
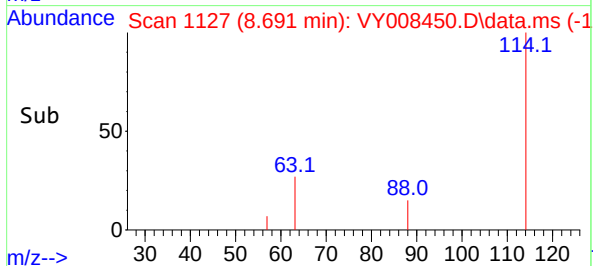
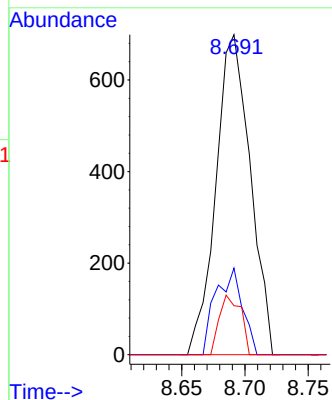
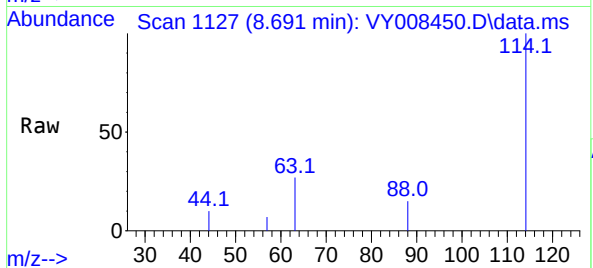
Tgt Ion:114 Resp: 1321

Ion Ratio Lower Upper

114 100

63 27.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.622 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008450.D

Acq: 21 Apr 2022 18:59

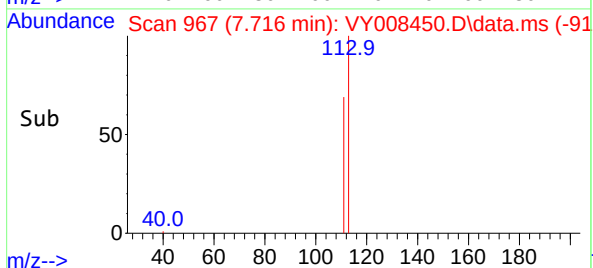
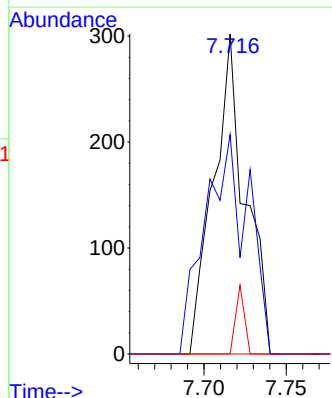
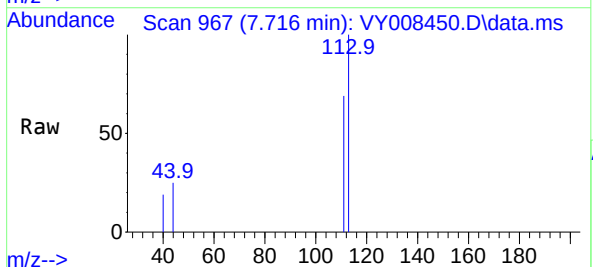
Tgt Ion:113 Resp: 406

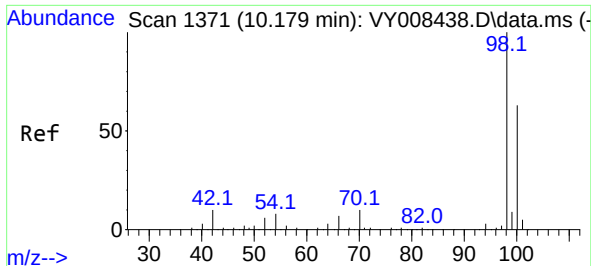
Ion Ratio Lower Upper

113 100

111 93.3 82.6 124.0

192 5.9 17.6 26.4#

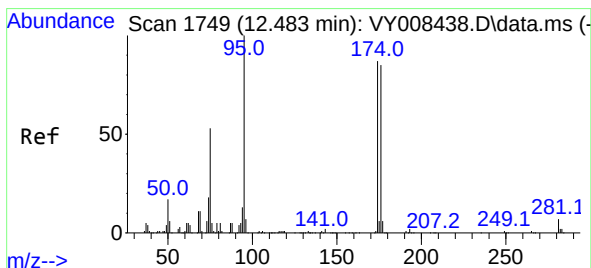
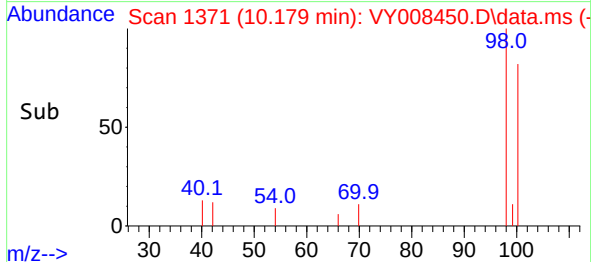
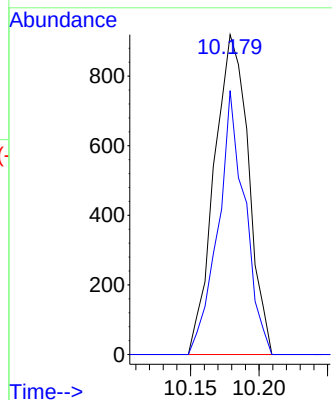
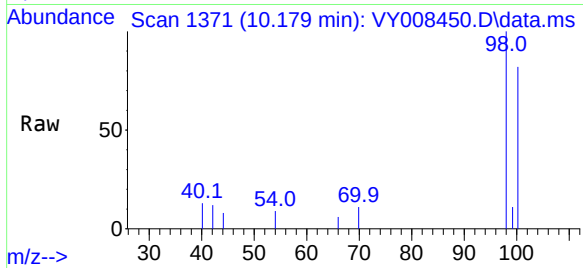




#50
Toluene-d8
Concen: 47.191 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008450.D
Acq: 21 Apr 2022 18:59

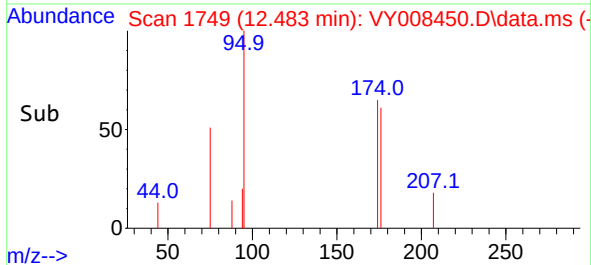
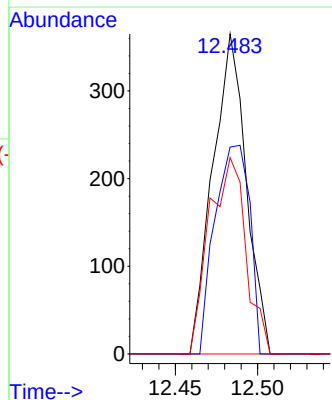
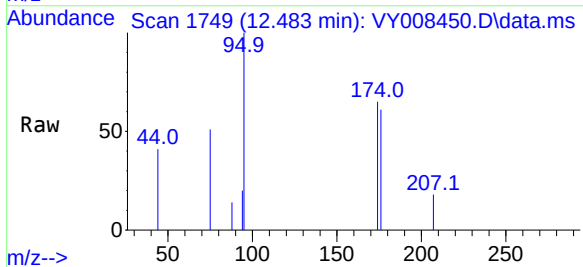
Instrument :
MSVOA_Y
ClientSampleId :
1528

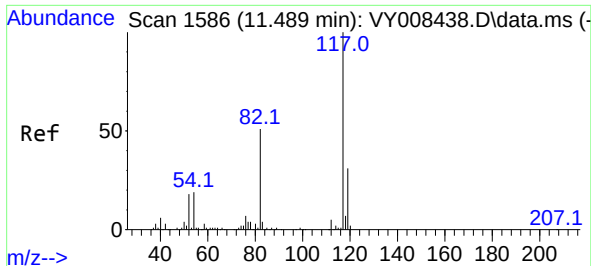
Tgt Ion: 98 Resp: 1599
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.948 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008450.D
Acq: 21 Apr 2022 18:59

Tgt Ion: 95 Resp: 516
Ion Ratio Lower Upper
95 100
174 67.8 0.0 177.0
176 67.1 0.0 175.8

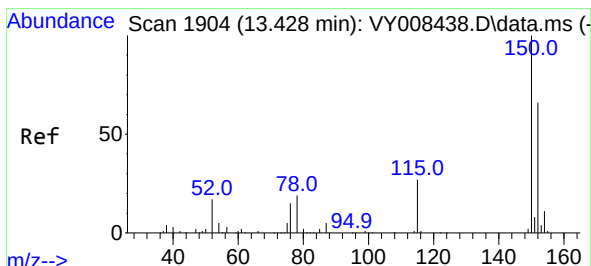
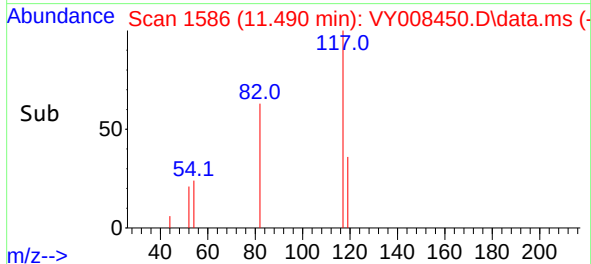
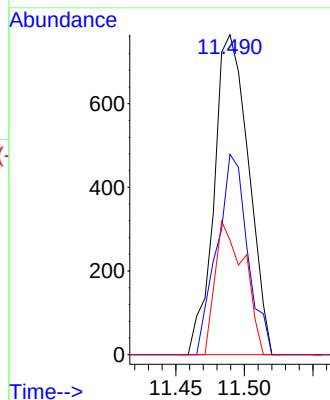
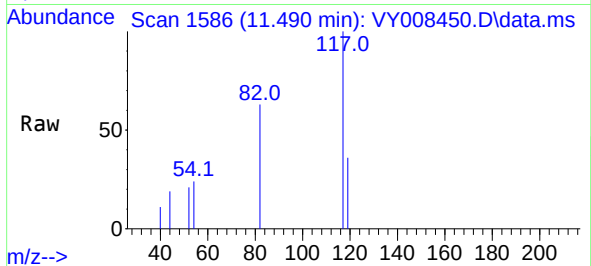




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008450.D
Acq: 21 Apr 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :
1528

Tgt Ion:	117	Resp:	1338
Ion	Ratio	Lower	Upper
117	100		
82	62.6	43.0	64.4
119	35.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008450.D
Acq: 21 Apr 2022 18:59

Tgt Ion:	152	Resp:	147
Ion	Ratio	Lower	Upper
152	100		
115	66.0	28.2	84.7
150	331.3	0.0	347.6

