

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011430.D
 Acq On : 11 Nov 2022 19:34
 Operator : KP/MD
 Sample : N5583-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-111022

Quant Time: Nov 14 05:54:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	343252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	576969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	509707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	174227	60.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.140%
35) Dibromofluoromethane	7.716	113	187635	58.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.060%
50) Toluene-d8	10.179	98	700132	56.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.360%
62) 4-Bromofluorobenzene	12.477	95	221941	51.512	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.020%

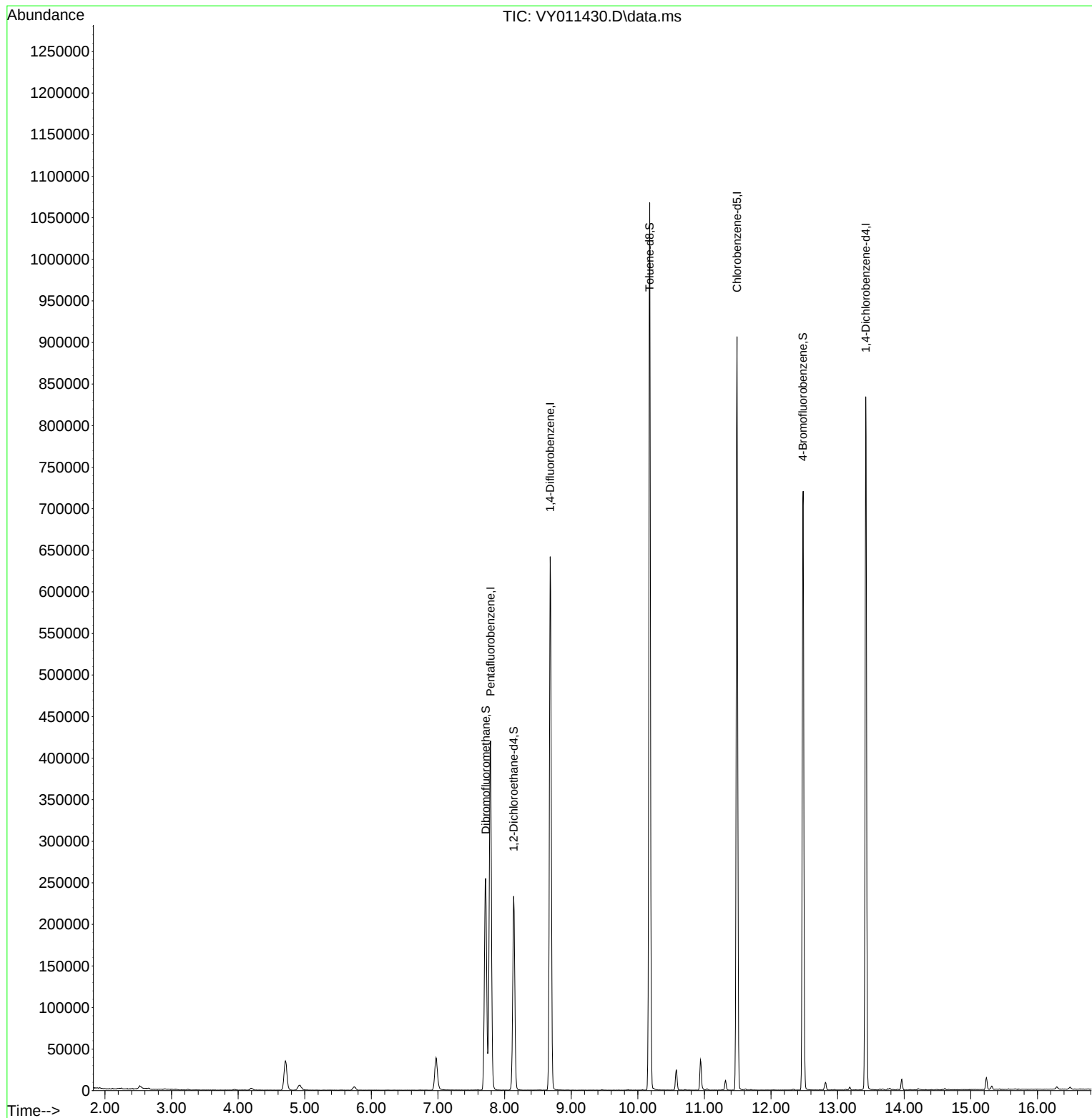
Target Compounds	Qvalue

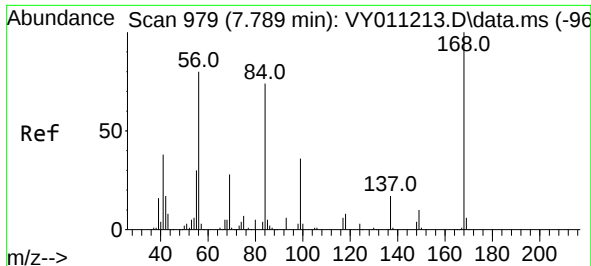
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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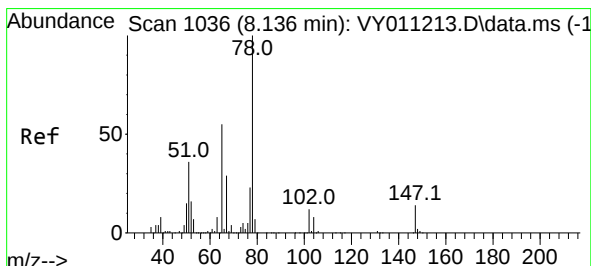
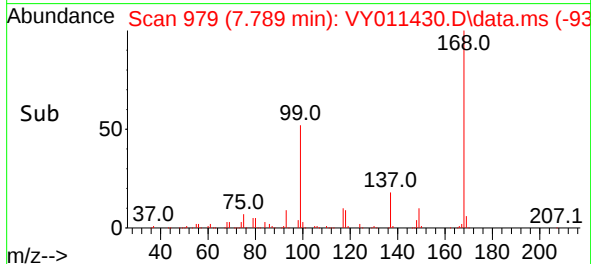
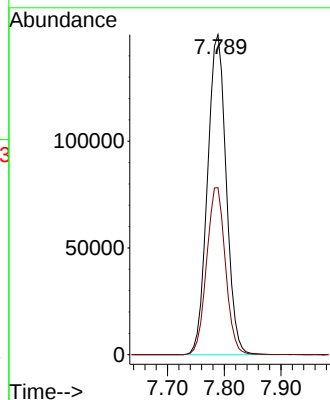
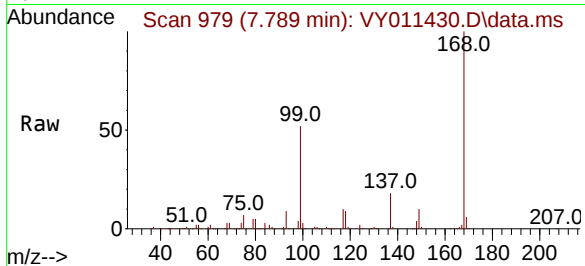




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

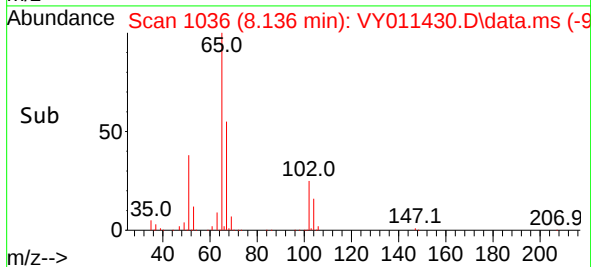
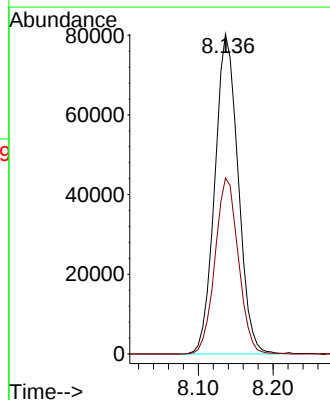
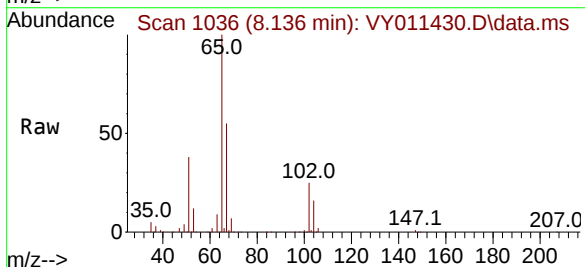
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

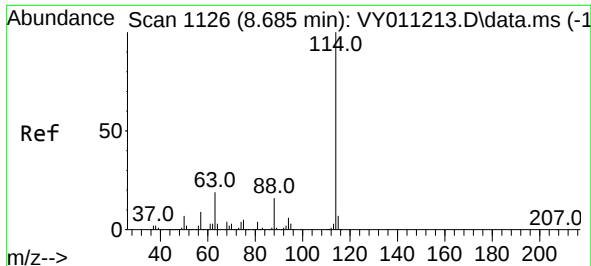
Tgt Ion:168 Resp: 343252
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.572 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 65 Resp: 174227
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011430.D

Acq: 11 Nov 2022 19:34

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-111022

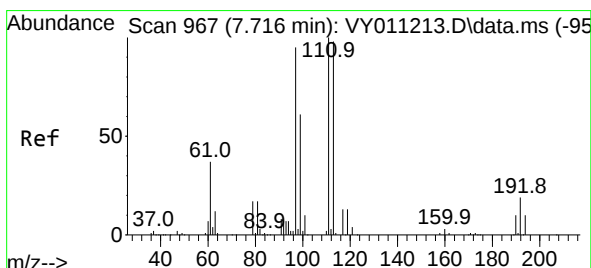
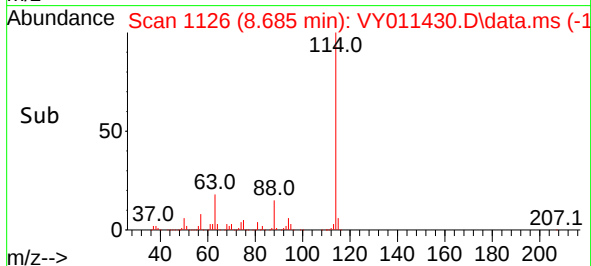
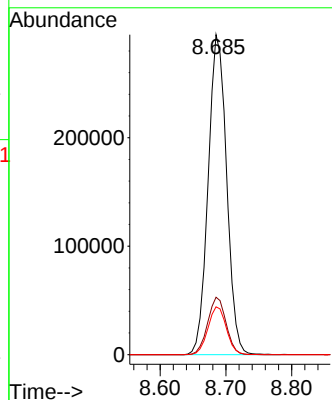
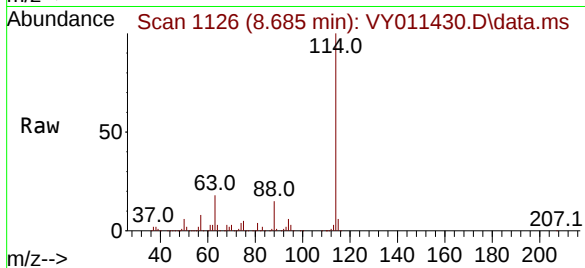
Tgt Ion:114 Resp: 576969

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.029 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011430.D

Acq: 11 Nov 2022 19:34

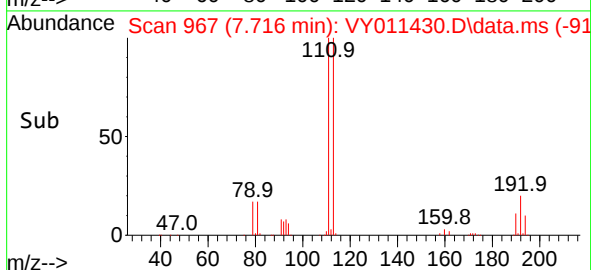
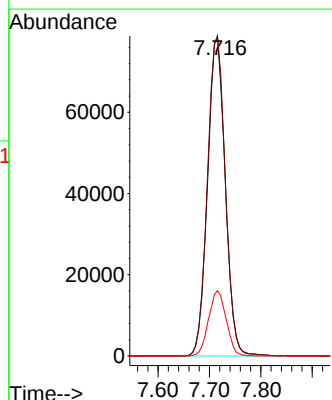
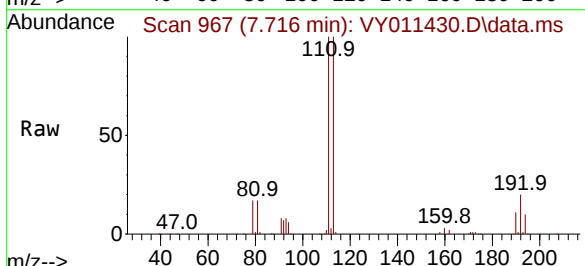
Tgt Ion:113 Resp: 187635

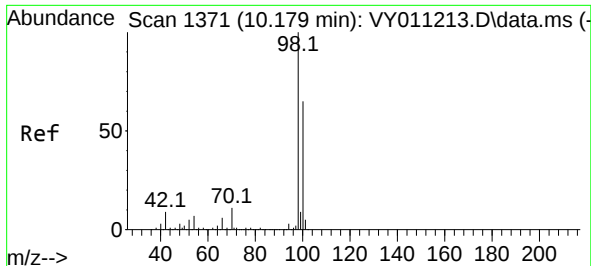
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 20.4 17.6 26.4

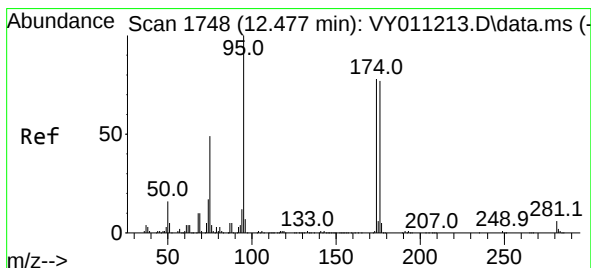
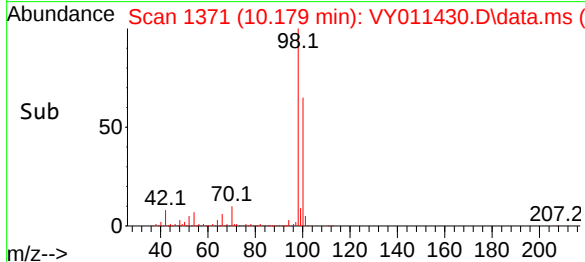
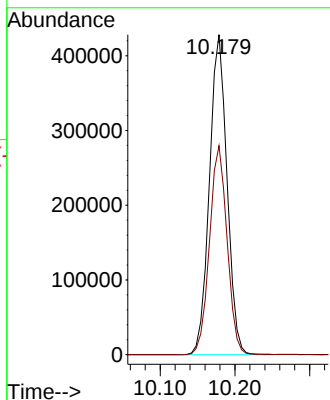
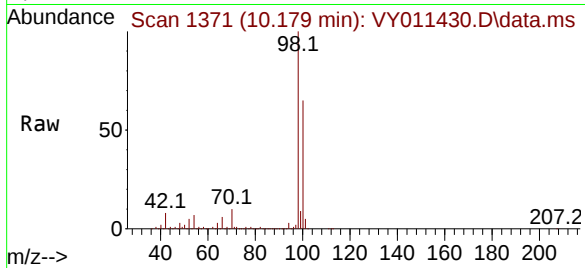




#50
Toluene-d8
Concen: 56.678 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

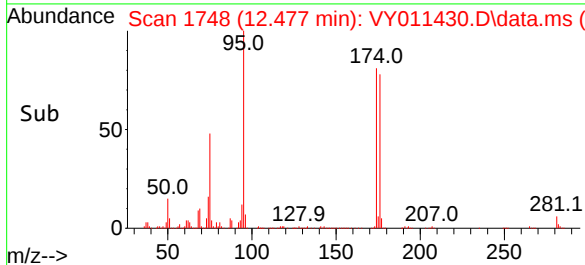
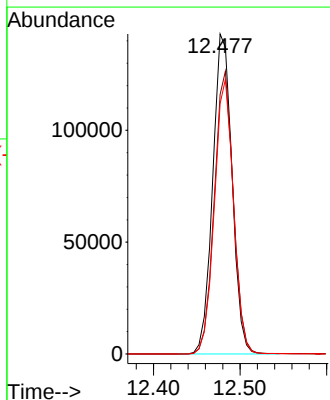
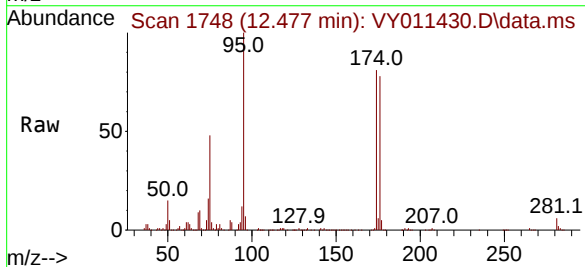
Instrument :
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NB-08-111022

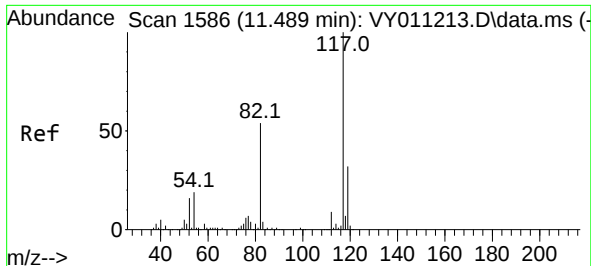
Tgt Ion: 98 Resp: 700132
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 95 Resp: 221941
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 84.6 0.0 175.8

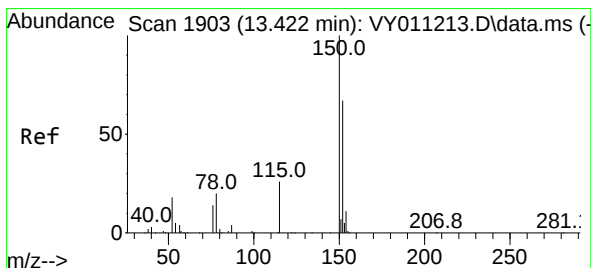
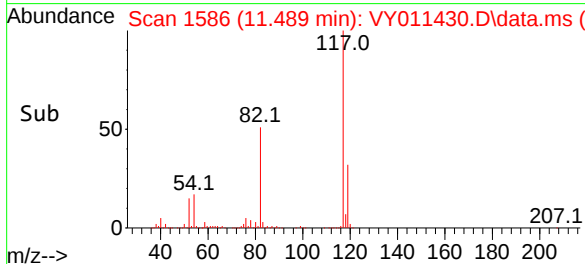
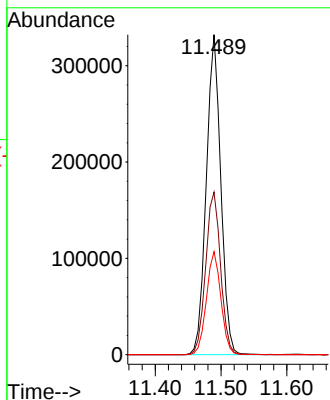
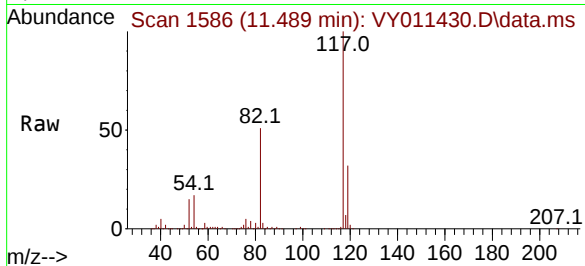




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

Tgt Ion:117 Resp: 509707
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion:152 Resp: 229311
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.7 0.0 347.6

