

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012240.D
 Acq On : 18 Jan 2023 12:48
 Operator : KP/MD
 Sample : 01184-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-SOUTH

Quant Time: Jan 19 00:35:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	166504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64000	78.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.280%
35) Dibromofluoromethane	7.716	113	51310	58.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.400%
50) Toluene-d8	10.179	98	196594	65.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.440%
62) 4-Bromofluorobenzene	12.483	95	64267	51.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.420%

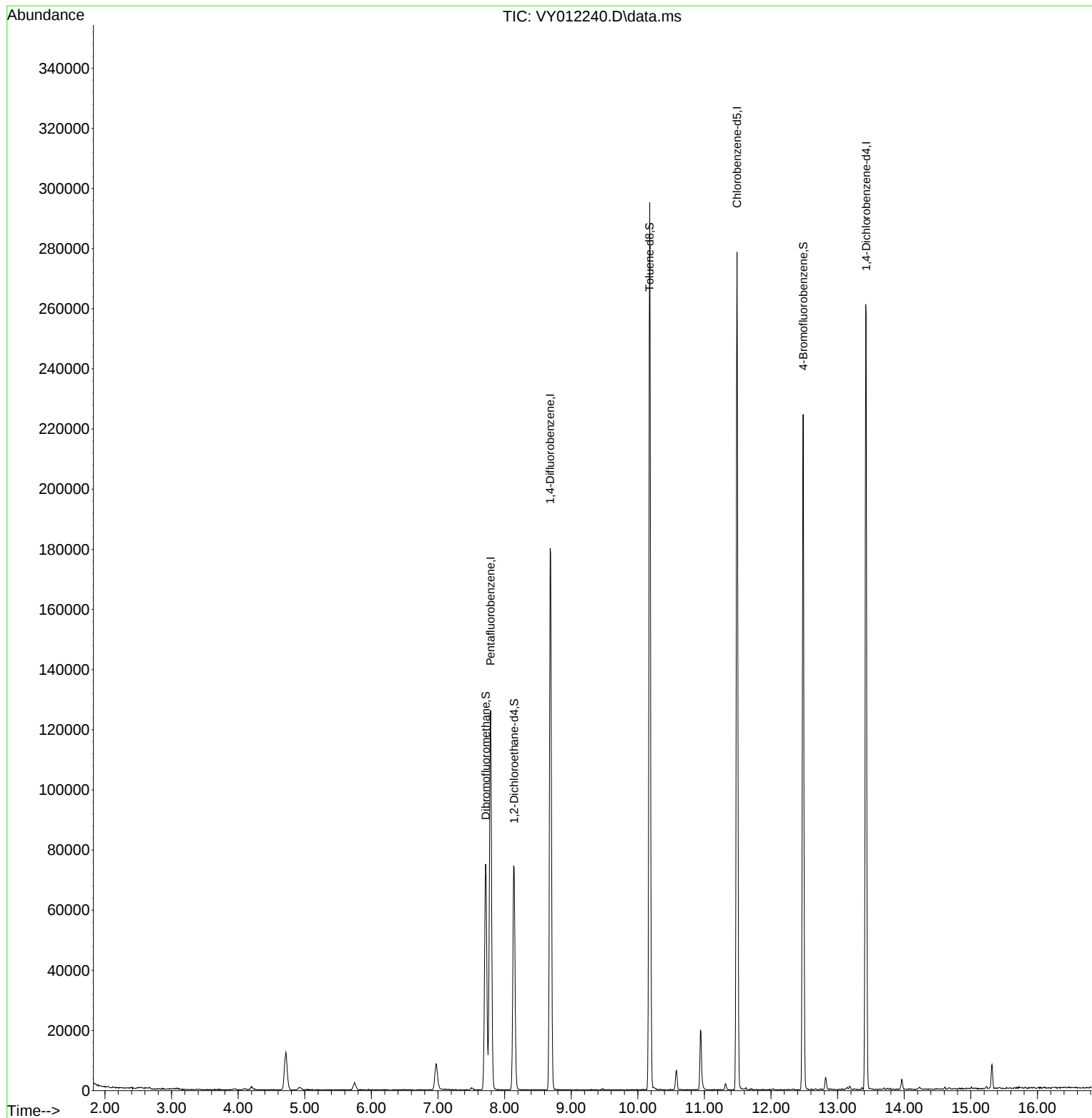
Target Compounds	Qvalue

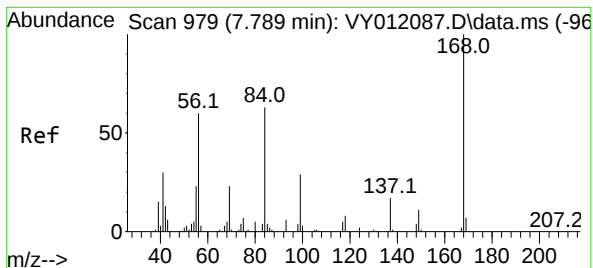
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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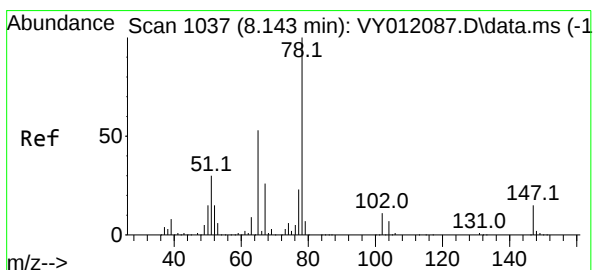
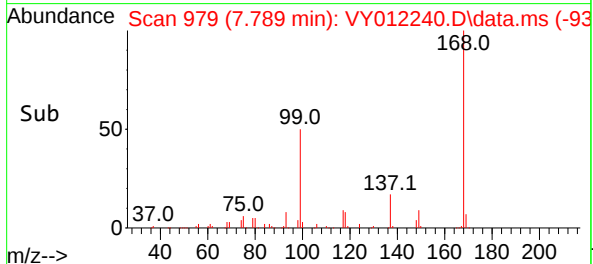
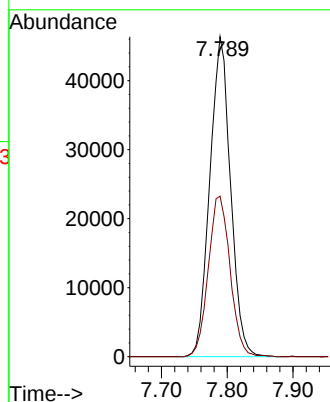
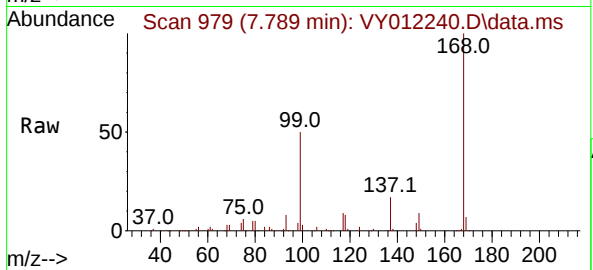




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

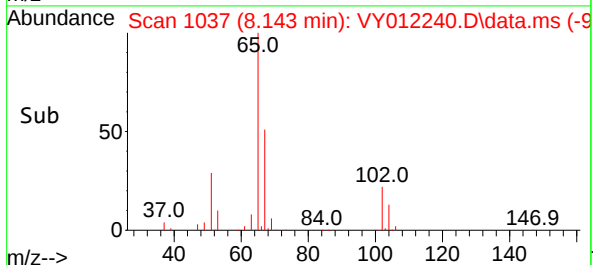
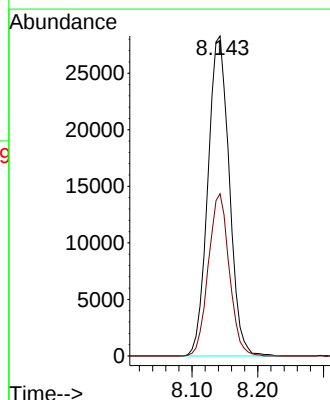
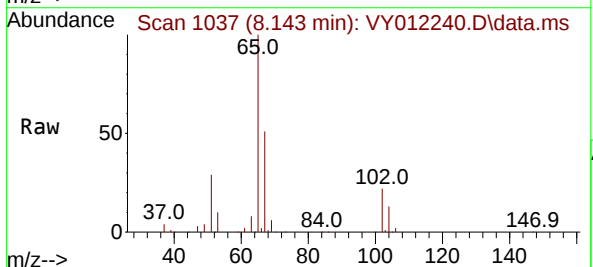
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

Tgt Ion:168 Resp: 101691
Ion Ratio Lower Upper
168 100
99 50.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 78.141 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion: 65 Resp: 64000
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012240.D

Acq: 18 Jan 2023 12:48

Instrument :

MSVOA_Y

ClientSampleId :

APNB-SOUTH

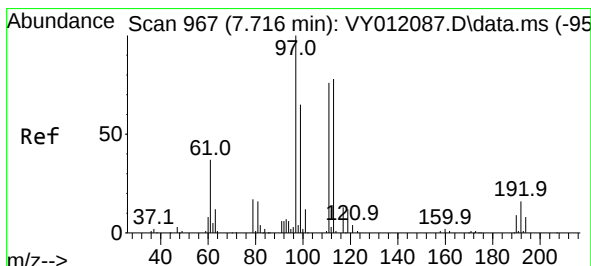
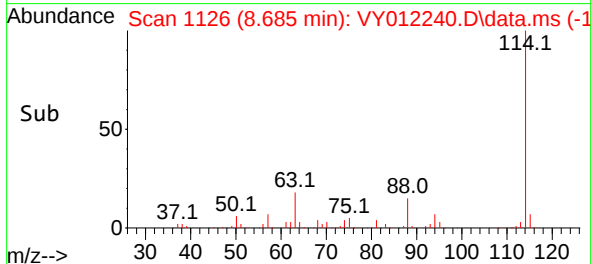
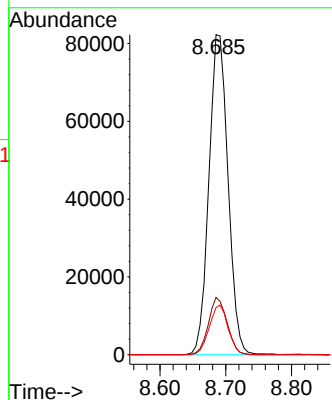
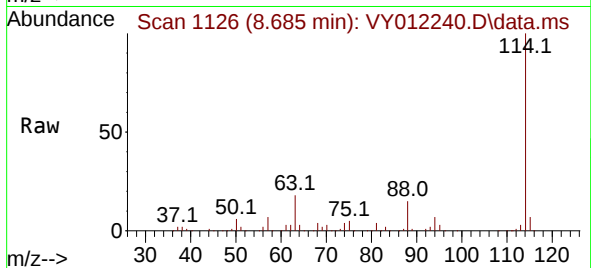
Tgt Ion:114 Resp: 166504

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 58.198 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012240.D

Acq: 18 Jan 2023 12:48

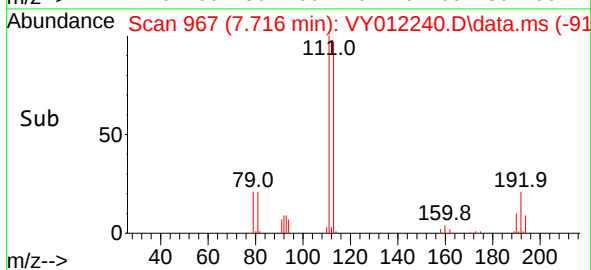
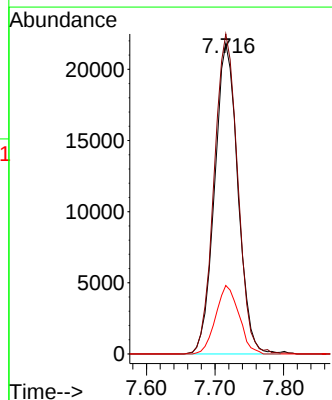
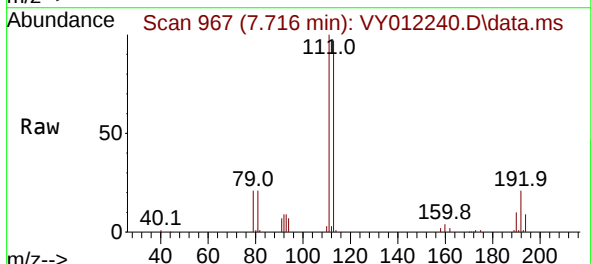
Tgt Ion:113 Resp: 51310

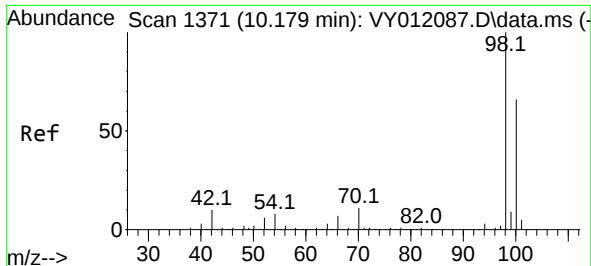
Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.4

192 22.0 16.0 24.0

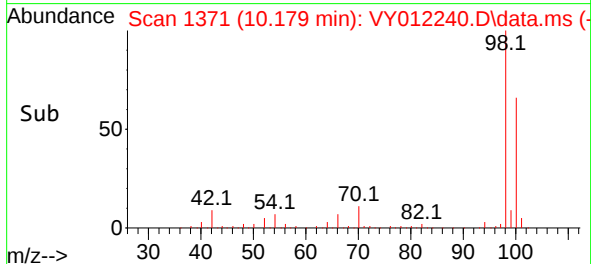
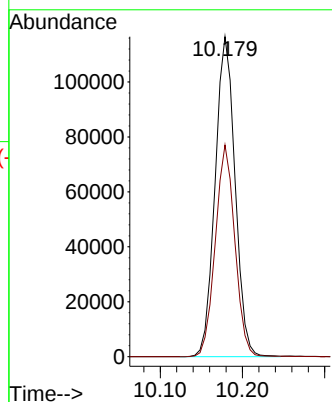
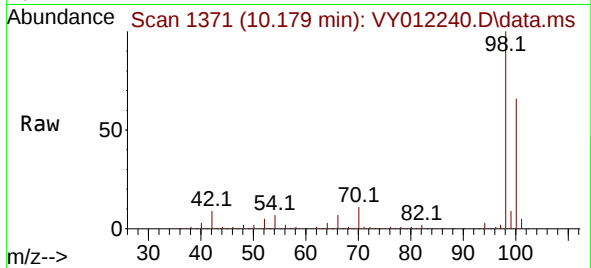




#50
Toluene-d8
Concen: 65.719 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

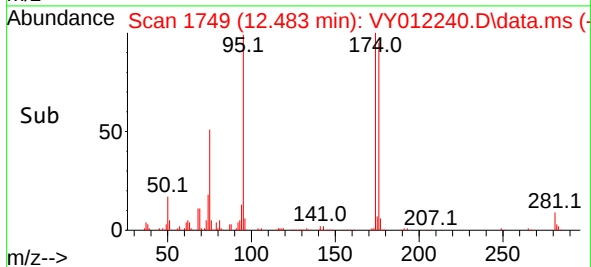
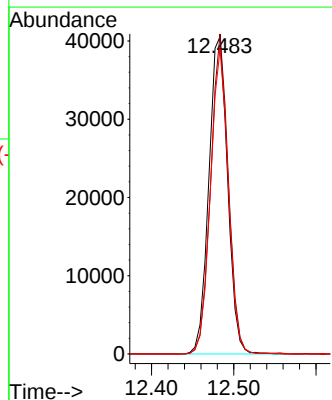
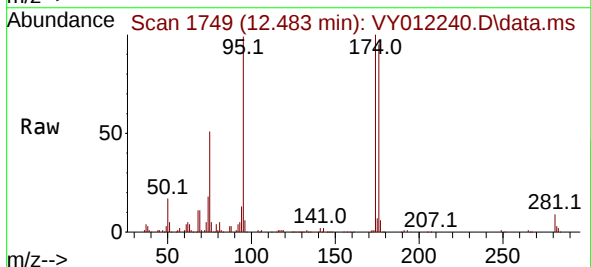
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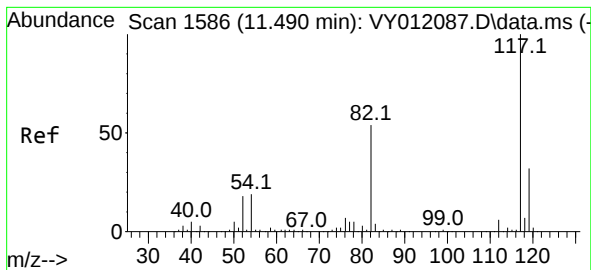
Tgt Ion: 98 Resp: 196594
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion: 95 Resp: 64267
Ion Ratio Lower Upper
95 100
174 95.2 0.0 172.0
176 91.7 0.0 167.6

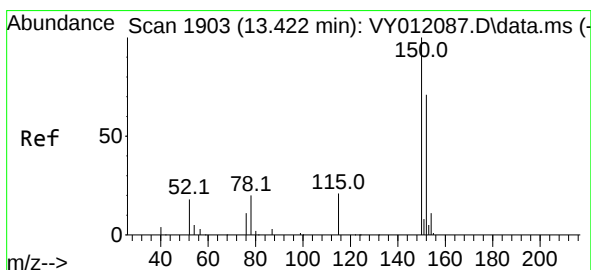
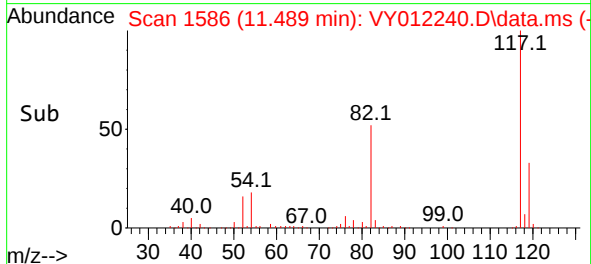
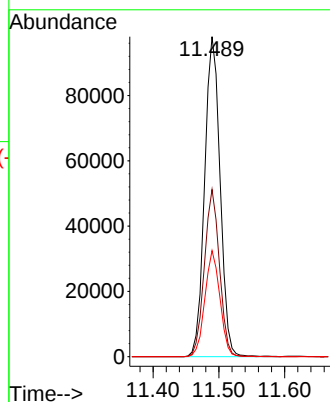
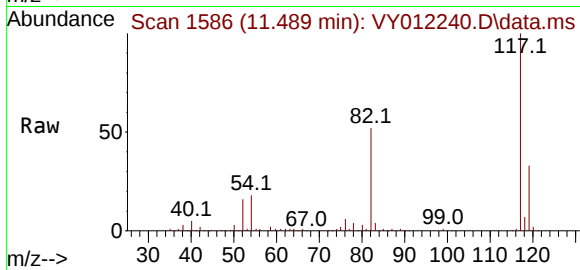




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

Tgt Ion:117 Resp: 160380
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 33.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion:152 Resp: 72280
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 158.1 0.0 342.6

