

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017668.D
 Acq On : 15 Mar 2024 13:25
 Operator : SY/MD
 Sample : P1767-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-031424

Quant Time: Mar 16 00:15:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	24967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6628	28.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.020%
35) Dibromofluoromethane	7.709	113	9192	41.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.800%
50) Toluene-d8	10.179	98	33143	43.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.420%
62) 4-Bromofluorobenzene	12.483	95	5348	22.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.380%

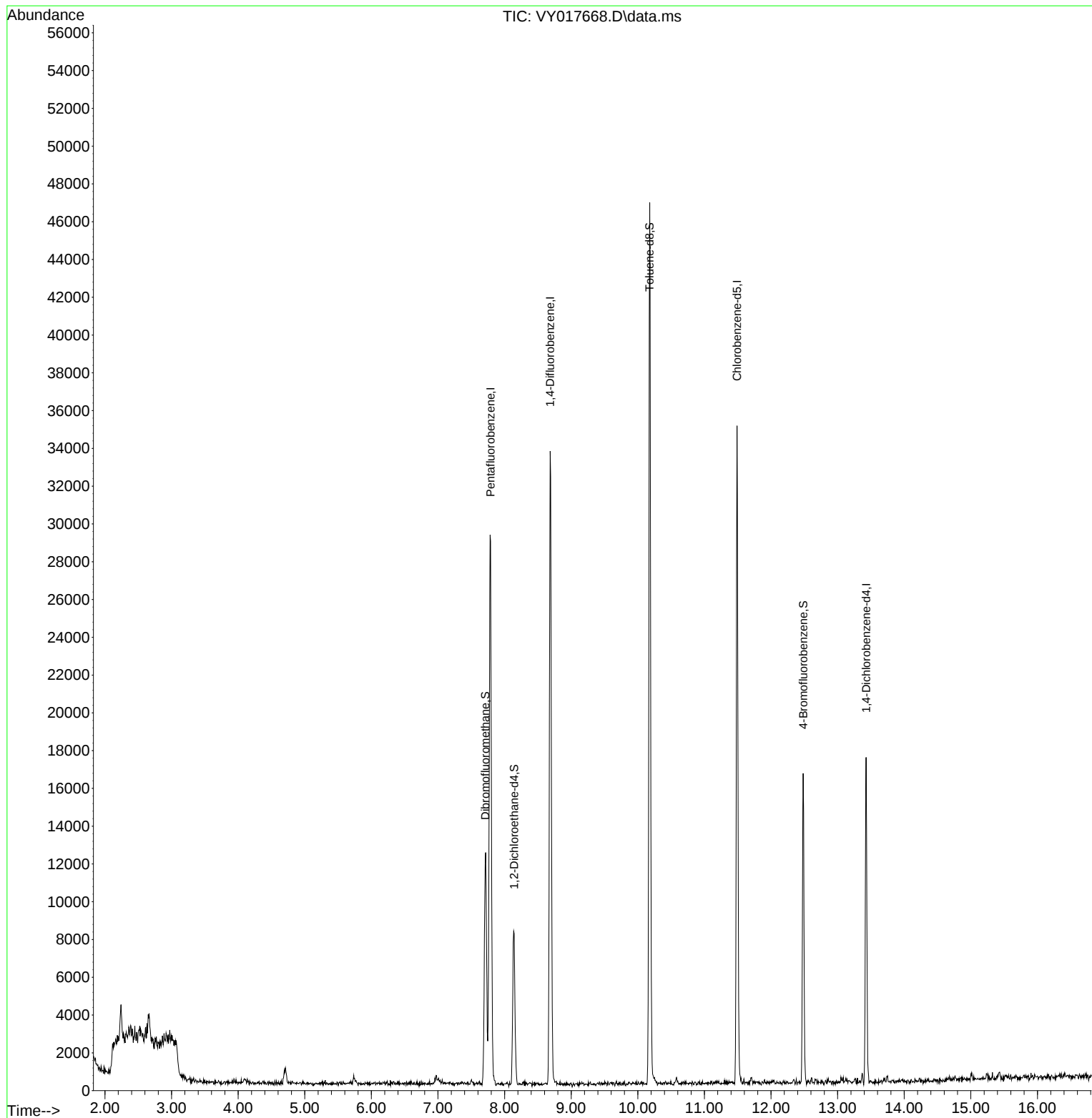
Target Compounds	Qvalue

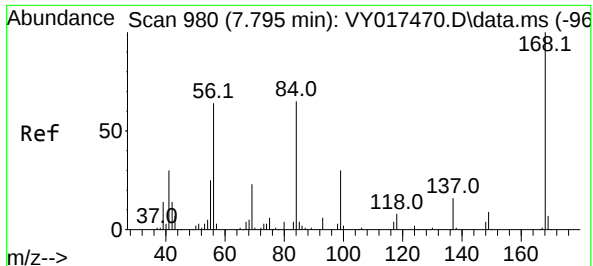
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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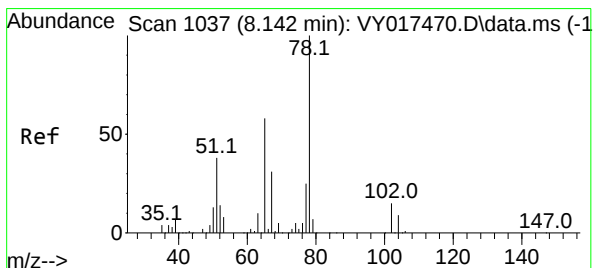
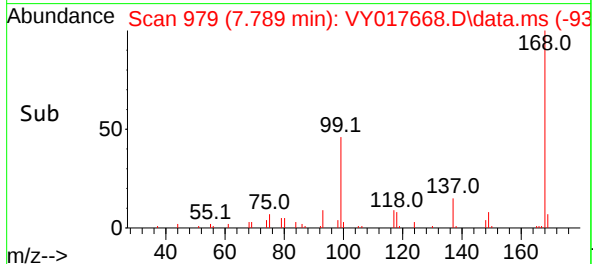
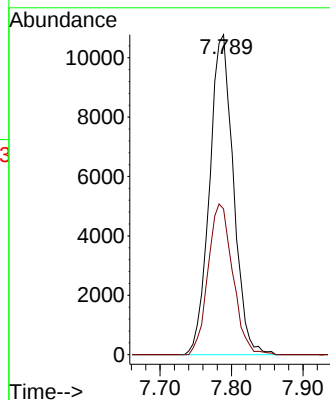
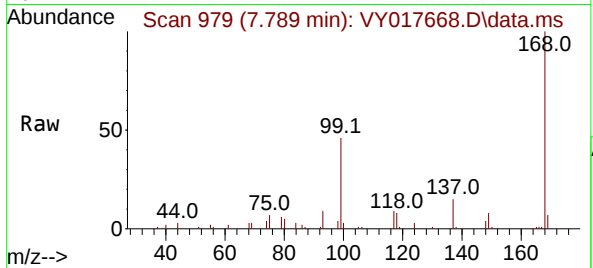




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017668.D
Acq: 15 Mar 2024 13:25

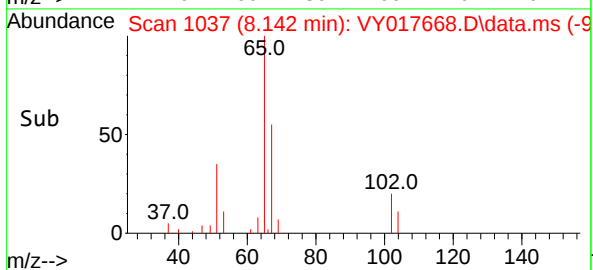
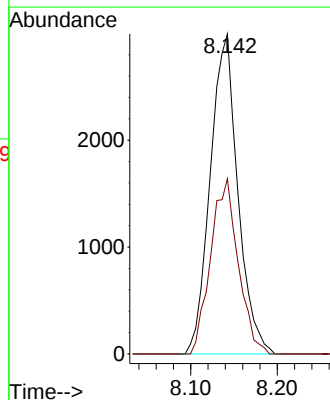
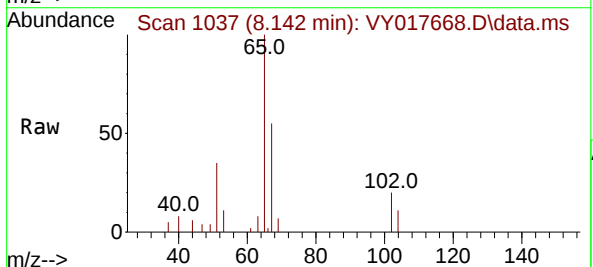
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-031424

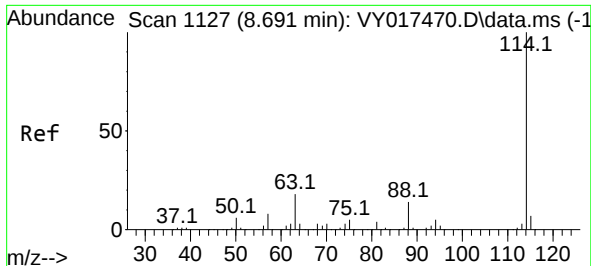
Tgt Ion:168 Resp: 24967
Ion Ratio Lower Upper
168 100
99 45.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 28.011 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017668.D
Acq: 15 Mar 2024 13:25

Tgt Ion: 65 Resp: 6628
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017668.D

Acq: 15 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-031424

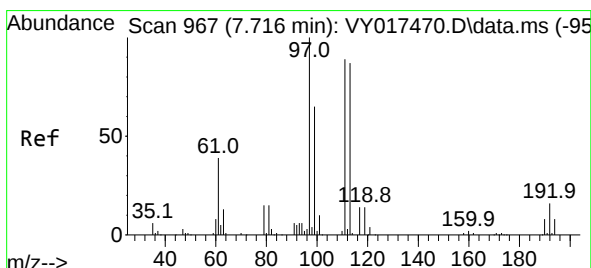
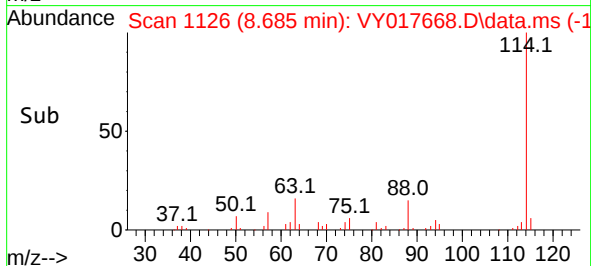
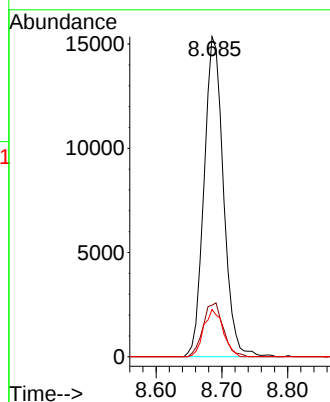
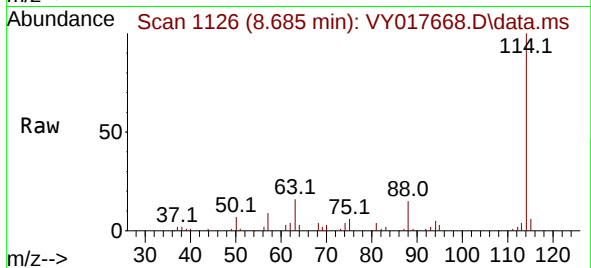
Tgt Ion:114 Resp: 31480

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.903 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017668.D

Acq: 15 Mar 2024 13:25

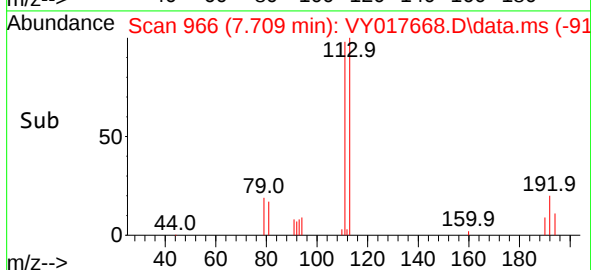
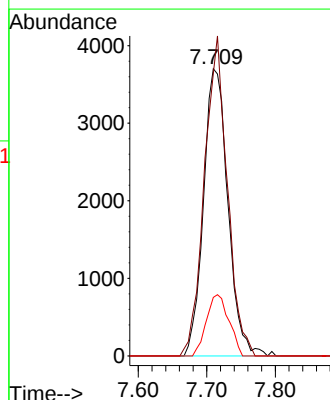
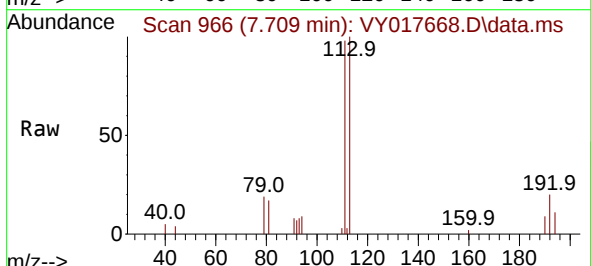
Tgt Ion:113 Resp: 9192

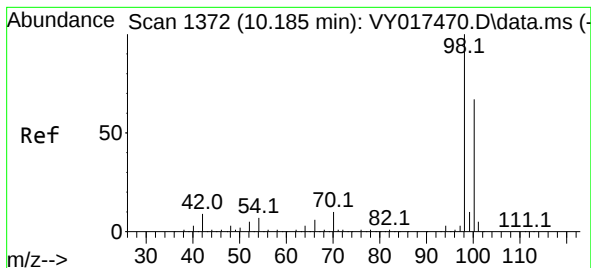
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 19.6 15.9 23.9





#50

Toluene-d8

Concen: 43.213 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017668.D

Acq: 15 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

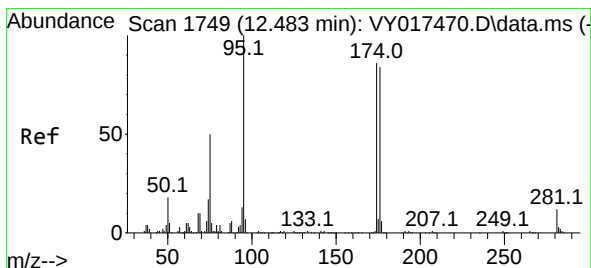
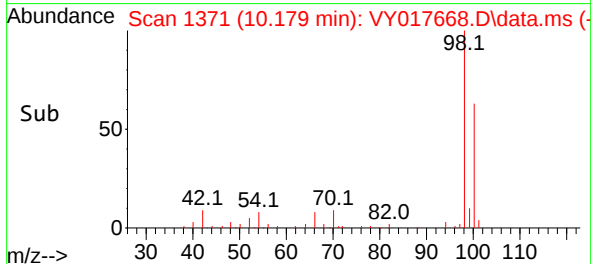
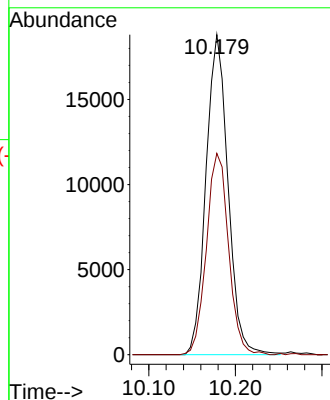
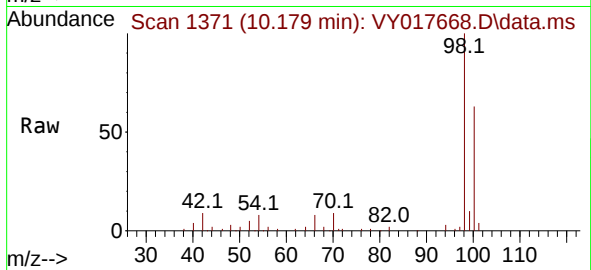
NB-07-031424

Tgt Ion: 98 Resp: 33143

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.187 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY017668.D

Acq: 15 Mar 2024 13:25

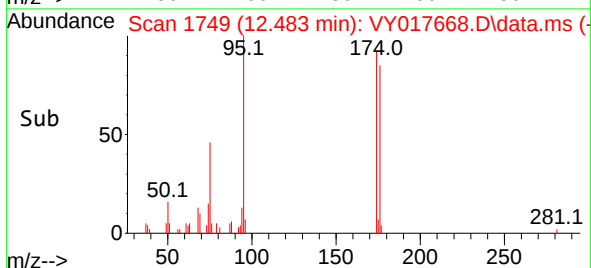
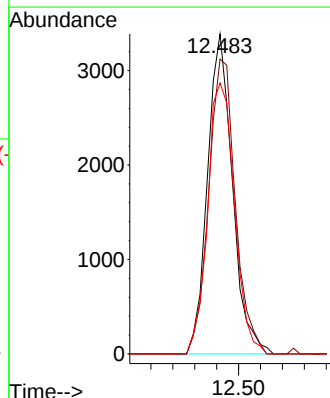
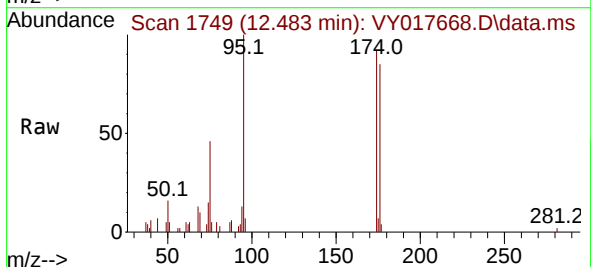
Tgt Ion: 95 Resp: 5348

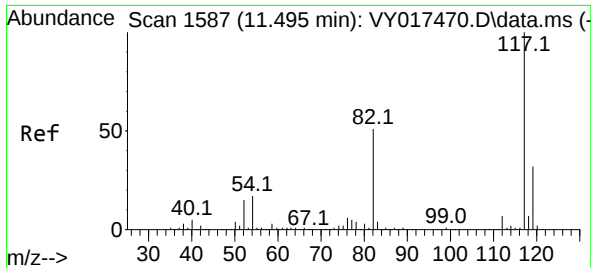
Ion Ratio Lower Upper

95 100

174 98.2 0.0 175.6

176 91.3 0.0 171.4

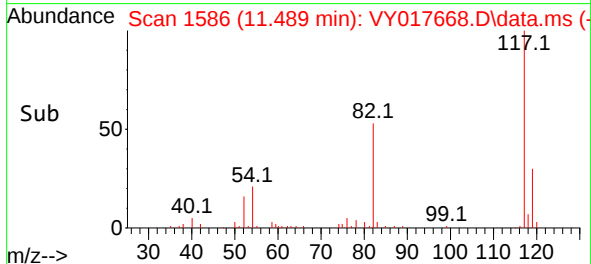
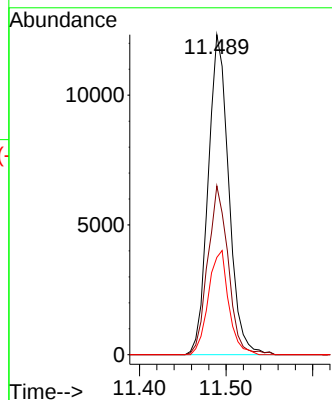
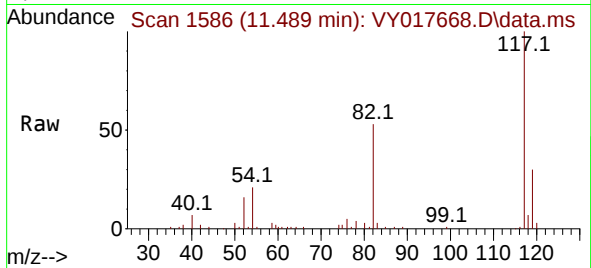




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017668.D
Acq: 15 Mar 2024 13:25

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-031424

Tgt Ion:117	Resp:	20344
Ion Ratio	Lower	Upper
117	100	
82	52.7	42.4 63.6
119	30.4	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017668.D
Acq: 15 Mar 2024 13:25

Tgt Ion:152	Resp:	4885
Ion Ratio	Lower	Upper
152	100	
115	54.4	28.2 84.7
150	161.6	0.0 345.6

