

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014768.D
 Acq On : 24 Jul 2023 13:32
 Operator : SY/MD
 Sample : 03706-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P21B

Quant Time: Jul 24 14:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	16779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	26443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8547	44.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.400%
35) Dibromofluoromethane	7.716	113	7410	44.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.040%
50) Toluene-d8	10.179	98	29914	48.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.483	95	9463	39.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.540%

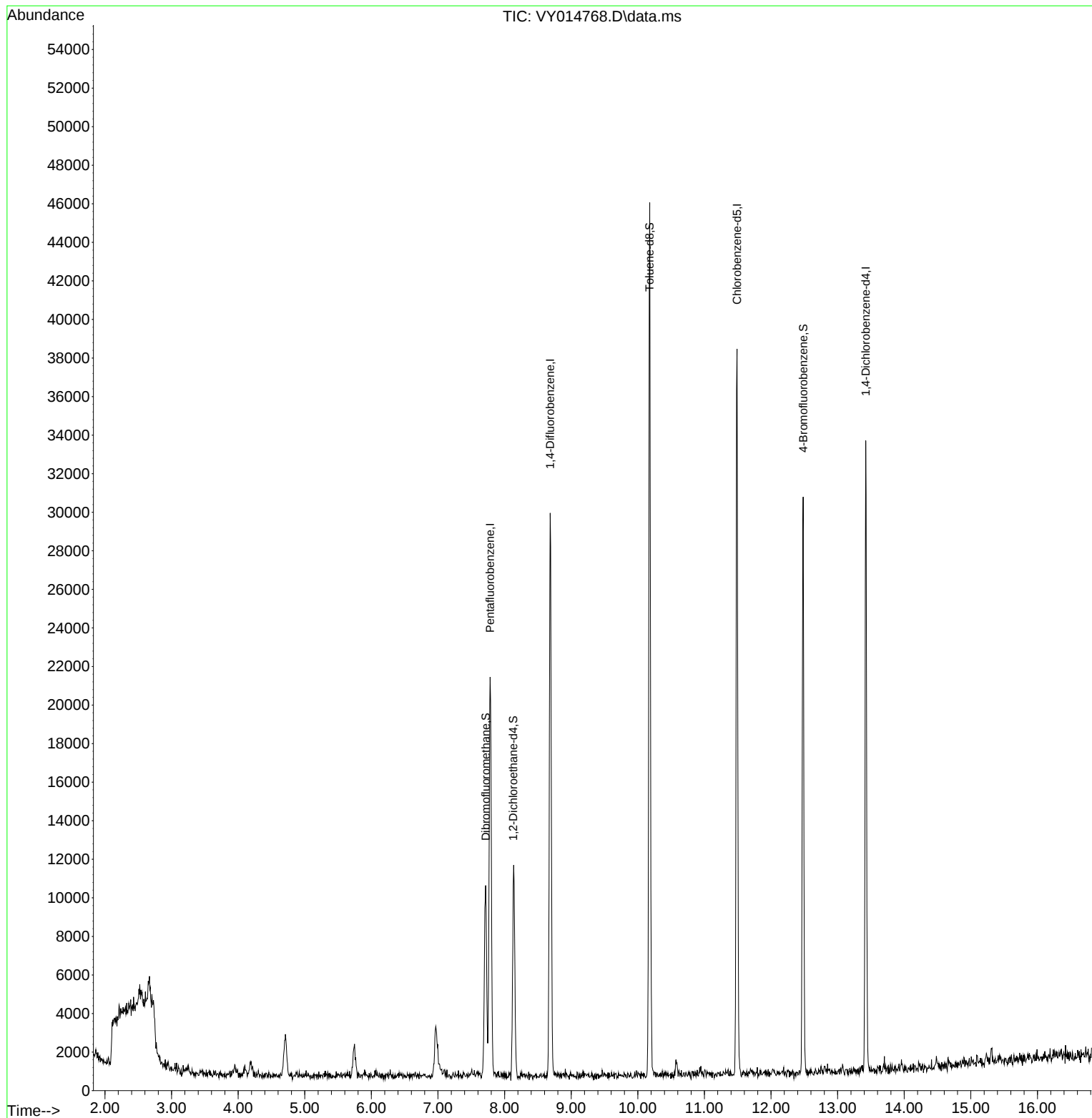
Target Compounds	Qvalue

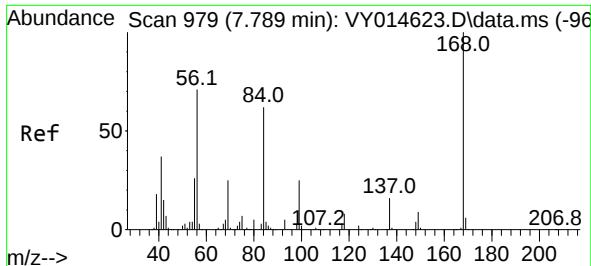
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
Data File : VY014768.D
Acq On : 24 Jul 2023 13:32
Operator : SY/MD
Sample : 03706-08
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P21B

Quant Time: Jul 24 14:15:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

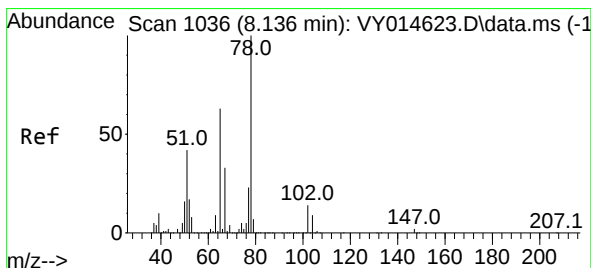
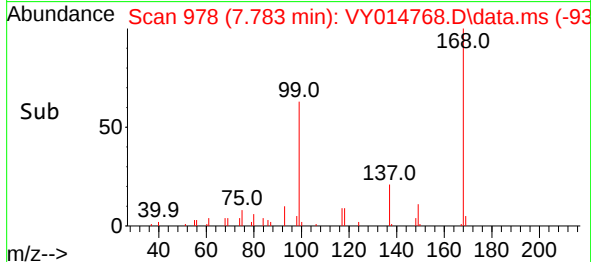
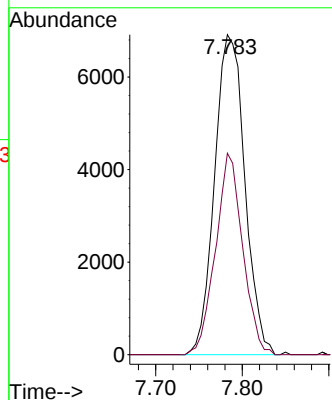
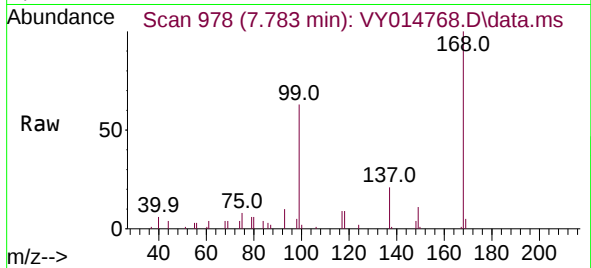




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014768.D
Acq: 24 Jul 2023 13:32

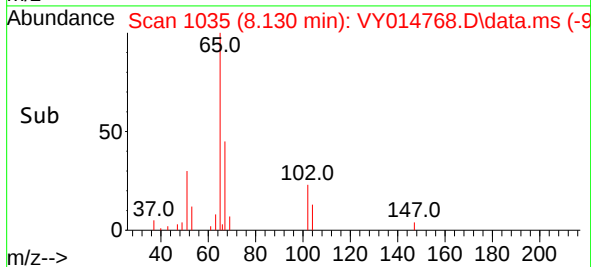
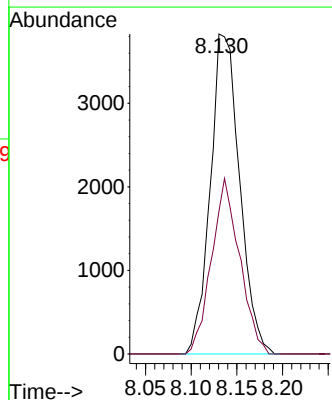
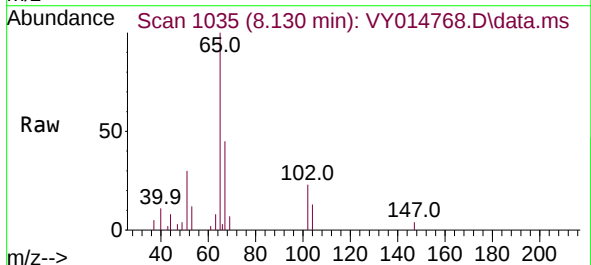
Instrument :
MSVOA_Y
ClientSampleId :
B-P21B

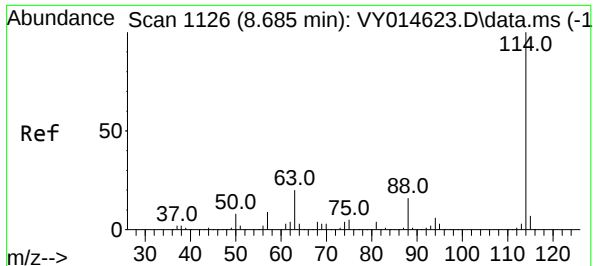
Tgt Ion:168 Resp: 16779
Ion Ratio Lower Upper
168 100
99 62.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.701 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014768.D
Acq: 24 Jul 2023 13:32

Tgt Ion: 65 Resp: 8547
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014768.D

Acq: 24 Jul 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

B-P21B

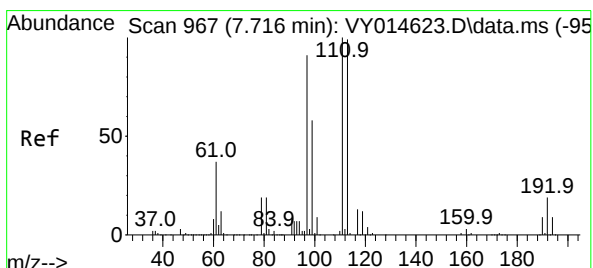
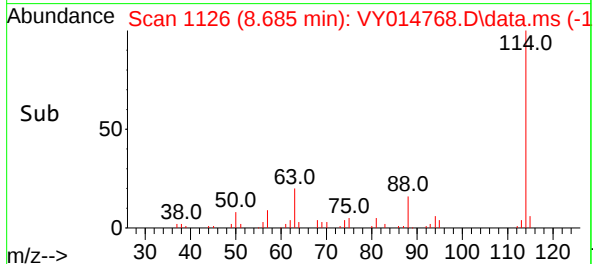
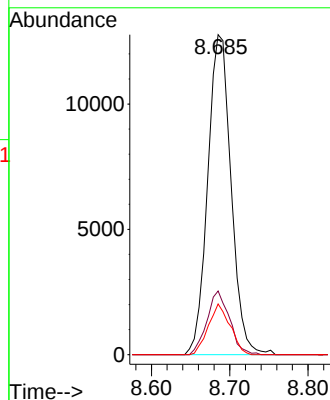
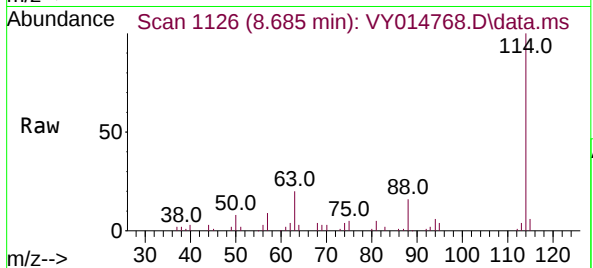
Tgt Ion:114 Resp: 26443

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.021 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014768.D

Acq: 24 Jul 2023 13:32

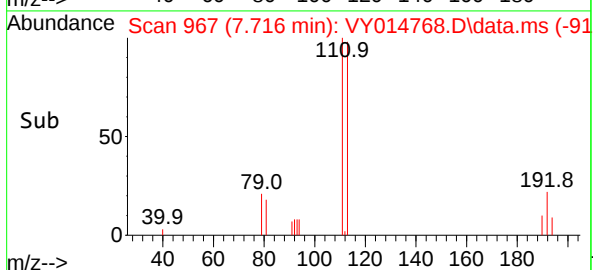
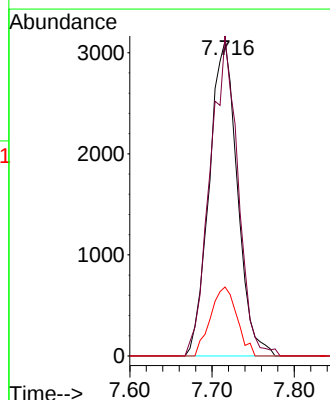
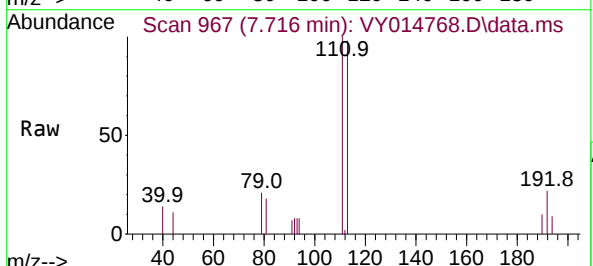
Tgt Ion:113 Resp: 7410

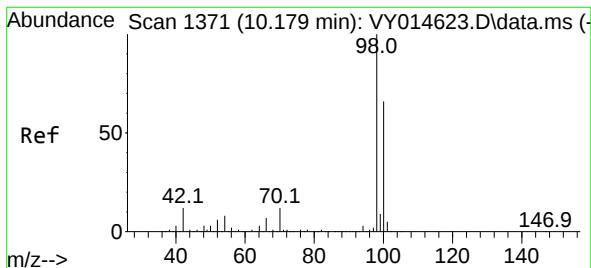
Ion Ratio Lower Upper

113 100

111 100.5 81.3 121.9

192 20.6 16.9 25.3





#50

Toluene-d8

Concen: 48.202 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014768.D

Acq: 24 Jul 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

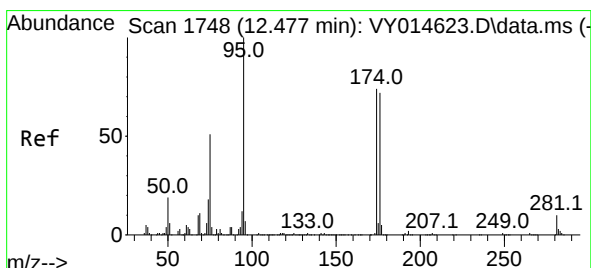
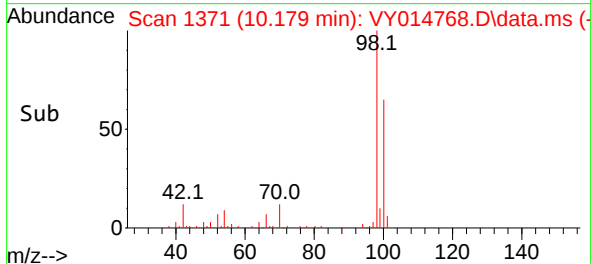
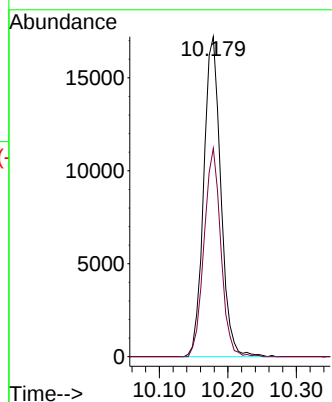
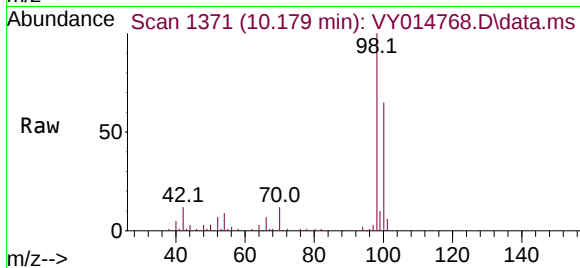
B-P21B

Tgt Ion: 98 Resp: 29914

Ion Ratio Lower Upper

98 100

100 63.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.767 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014768.D

Acq: 24 Jul 2023 13:32

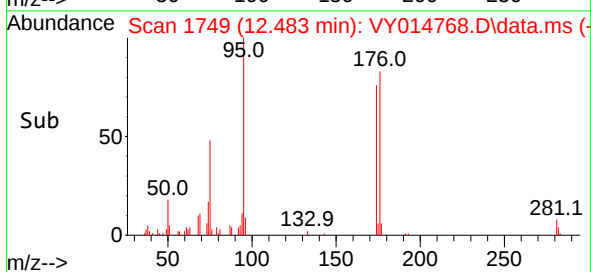
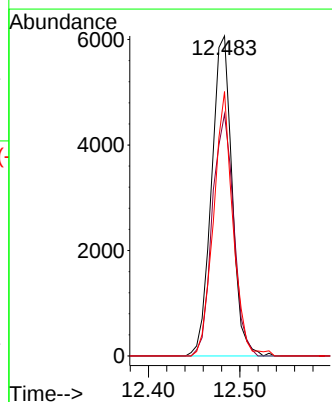
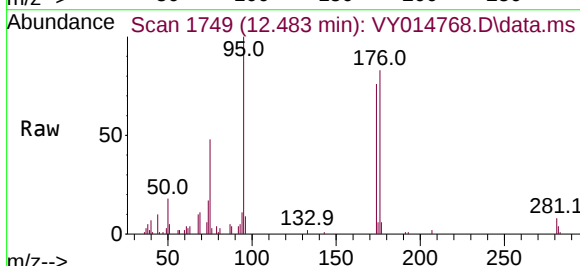
Tgt Ion: 95 Resp: 9463

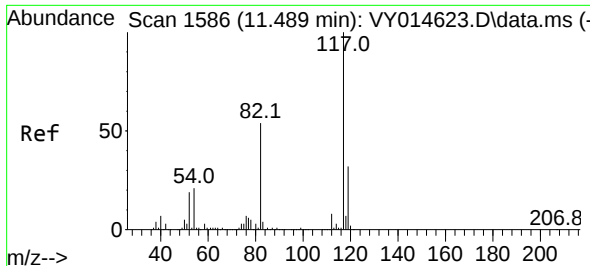
Ion Ratio Lower Upper

95 100

174 78.7 0.0 178.2

176 78.1 0.0 173.8

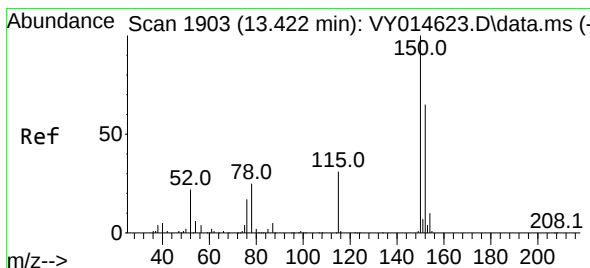
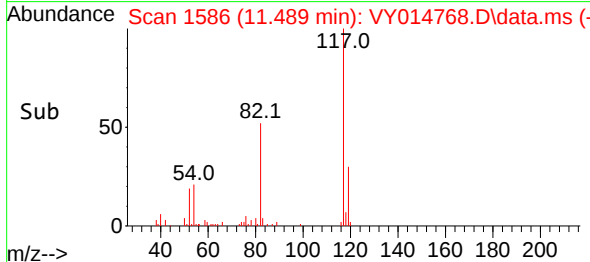
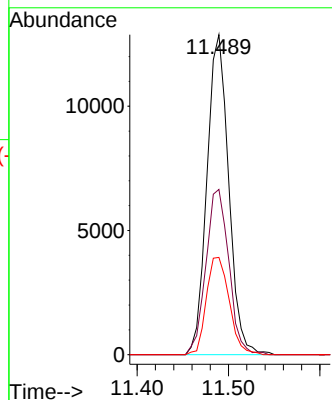
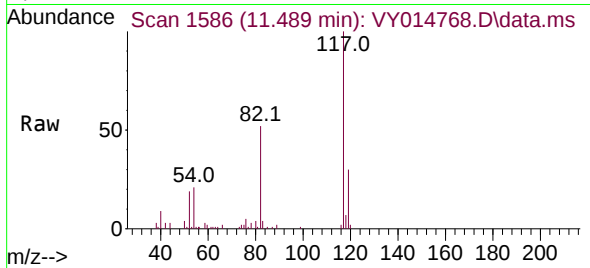




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014768.D
Acq: 24 Jul 2023 13:32

Instrument :
MSVOA_Y
ClientSampleId :
B-P21B

Tgt Ion:117 Resp: 21271
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 30.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014768.D
Acq: 24 Jul 2023 13:32

Tgt Ion:152 Resp: 8559
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 151.9 0.0 348.8

