

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016823.D
 Acq On : 22 Dec 2023 21:04
 Operator : SY/MD
 Sample : 05879-20
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM36

Quant Time: Dec 22 23:05:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	100894	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	220262	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	217842	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	79369	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	63321	68.748	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.500%
35) Dibromofluoromethane	7.746	113	68633	54.397	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.800%
50) Toluene-d8	10.203	98	252918	55.607	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.220%
62) 4-Bromofluorobenzene	12.501	95	78228	53.014	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.020%

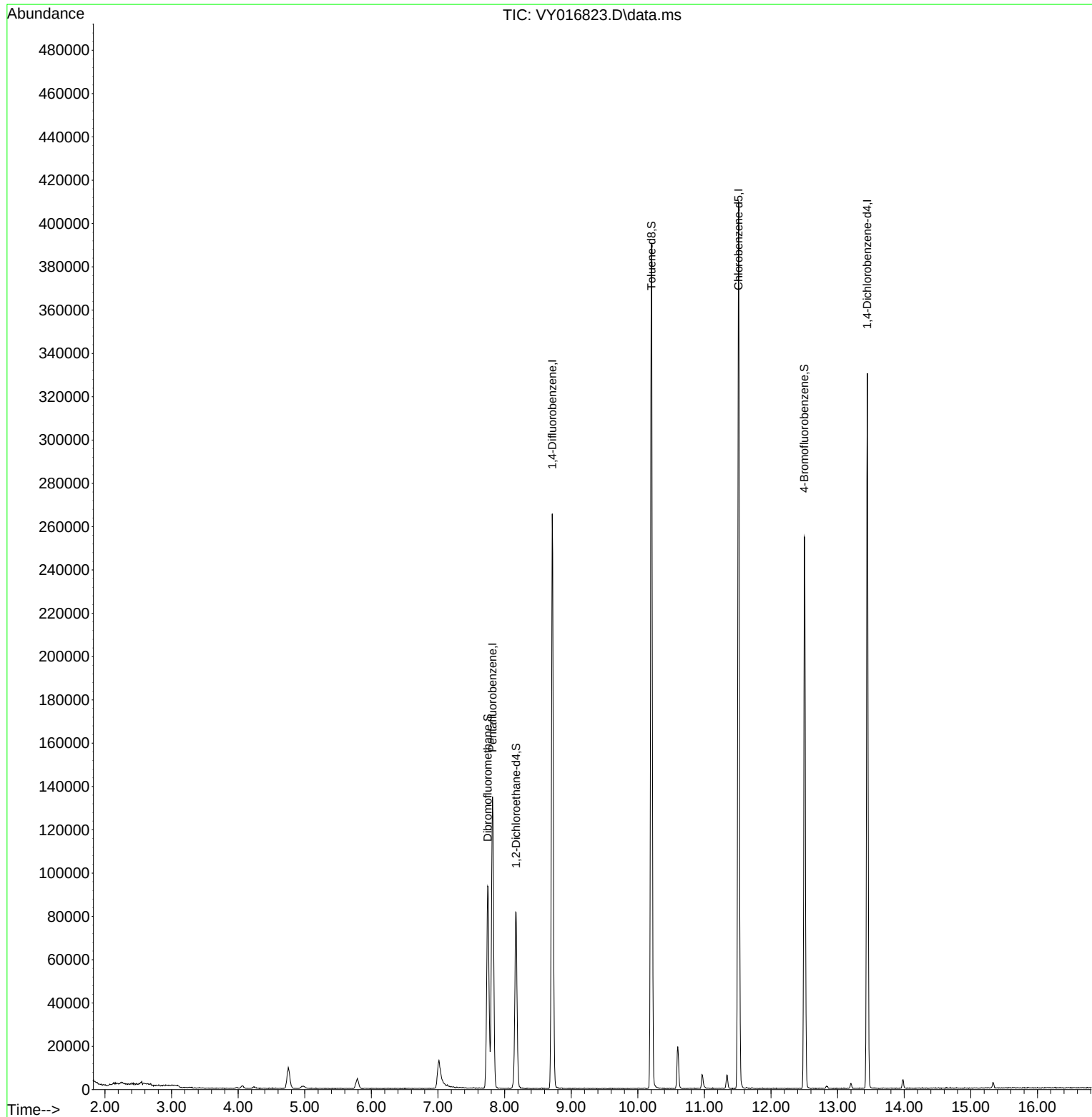
Target Compounds	Qvalue

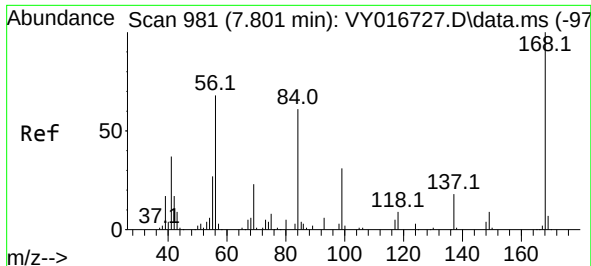
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016823.D
Acq On : 22 Dec 2023 21:04
Operator : SY/MD
Sample : 05879-20
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COM36

Quant Time: Dec 22 23:05:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

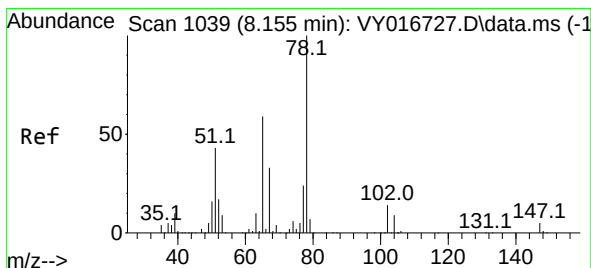
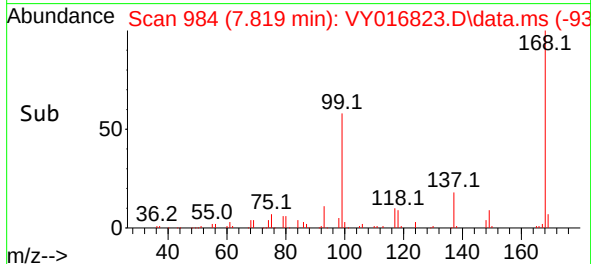
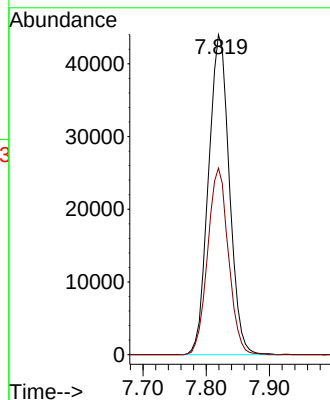
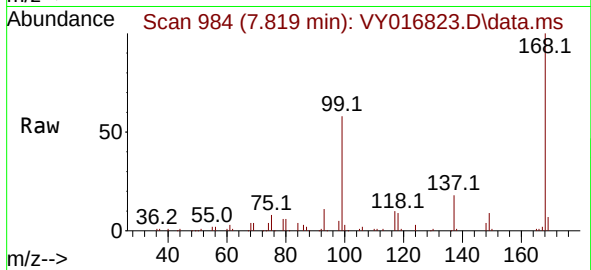




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016823.D
Acq: 22 Dec 2023 21:04

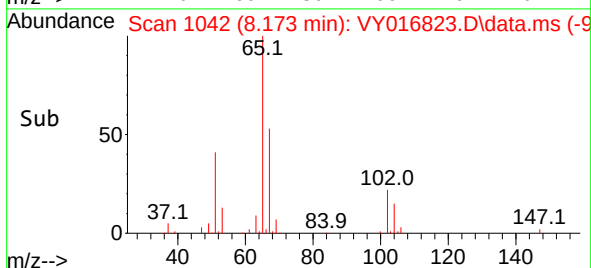
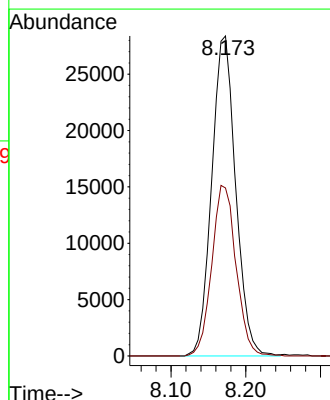
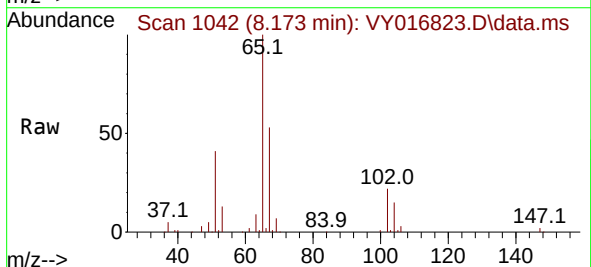
Instrument :
MSVOA_Y
ClientSampleId :
COM36

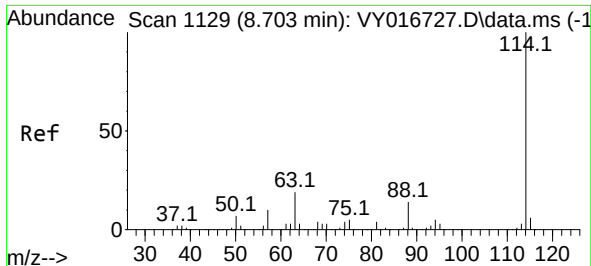
Tgt Ion:168 Resp: 100894
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 68.748 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016823.D
Acq: 22 Dec 2023 21:04

Tgt Ion: 65 Resp: 63321
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016823.D

Acq: 22 Dec 2023 21:04

Instrument :

MSVOA_Y

ClientSampleId :

COM36

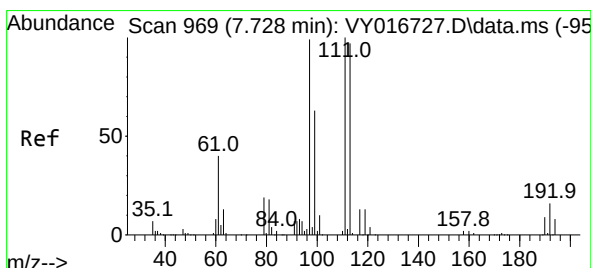
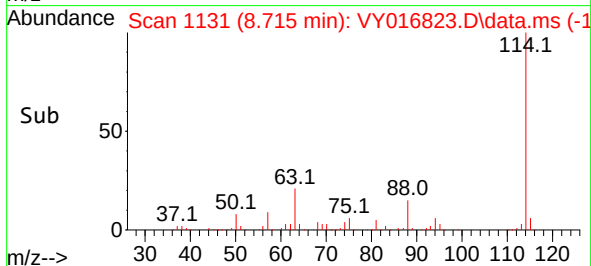
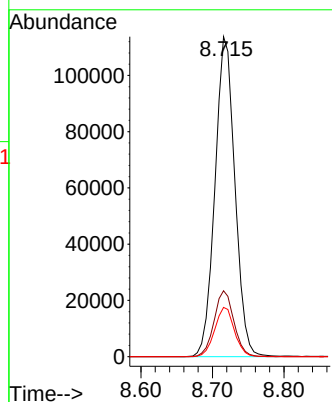
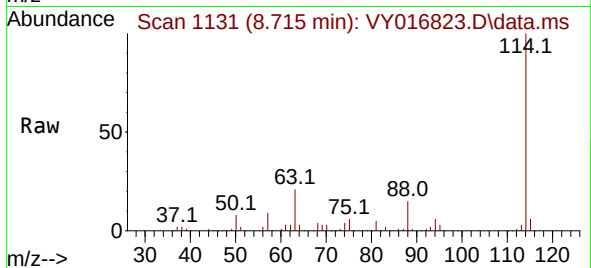
Tgt Ion:114 Resp: 220262

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.397 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016823.D

Acq: 22 Dec 2023 21:04

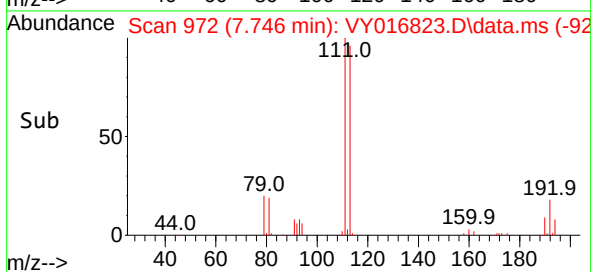
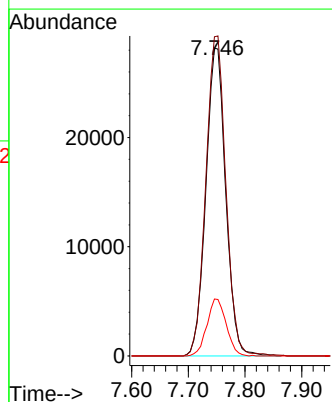
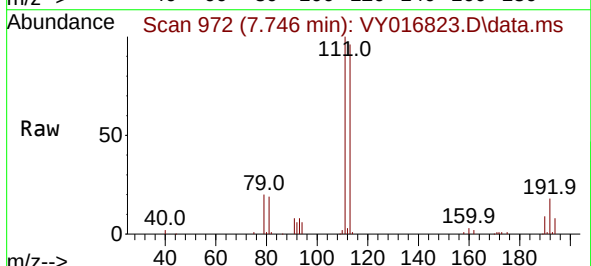
Tgt Ion:113 Resp: 68633

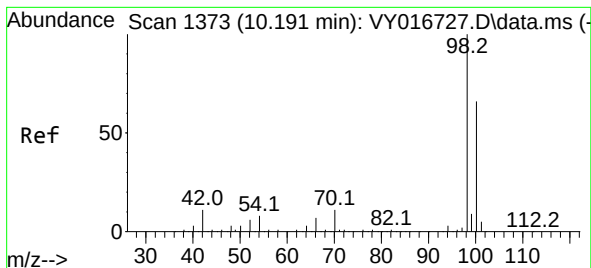
Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 55.607 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016823.D

Acq: 22 Dec 2023 21:04

Instrument :

MSVOA_Y

ClientSampleId :

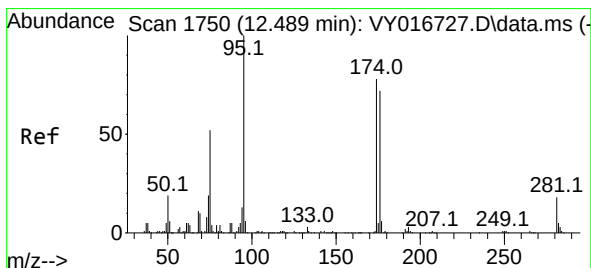
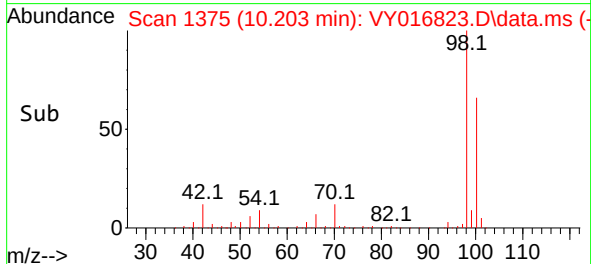
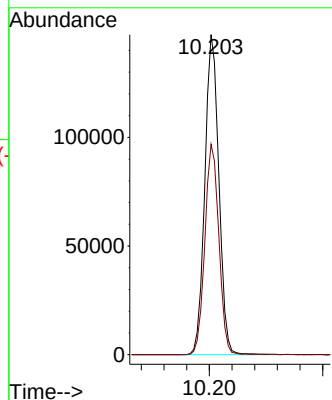
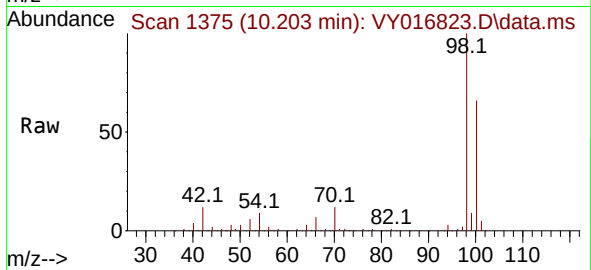
COM36

Tgt Ion: 98 Resp: 252918

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 53.014 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016823.D

Acq: 22 Dec 2023 21:04

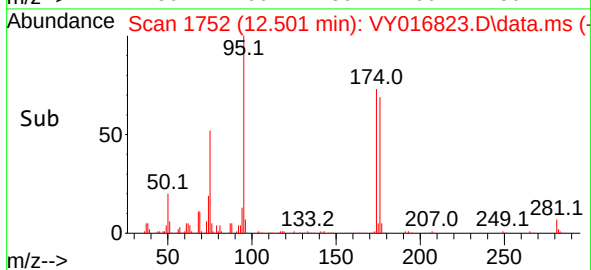
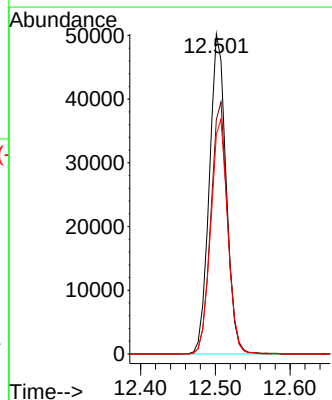
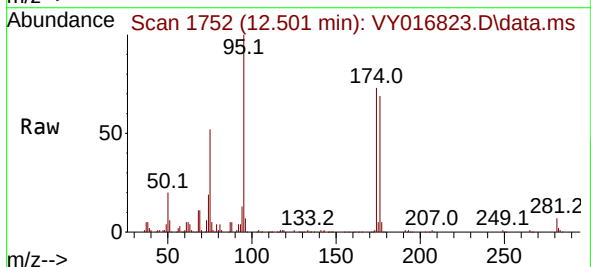
Tgt Ion: 95 Resp: 78228

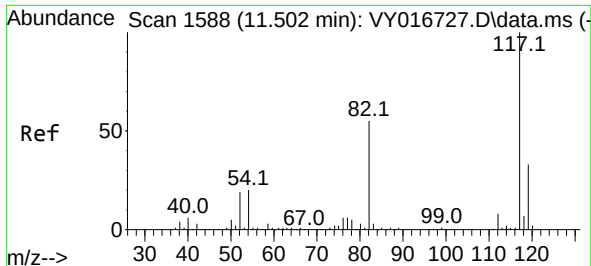
Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.0

176 74.1 0.0 151.8

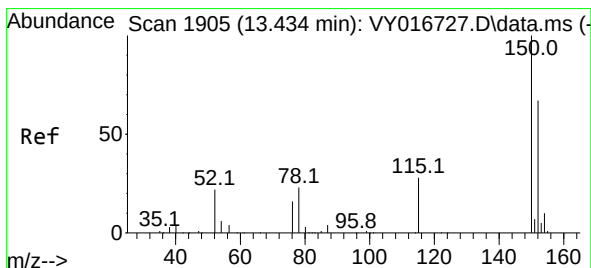
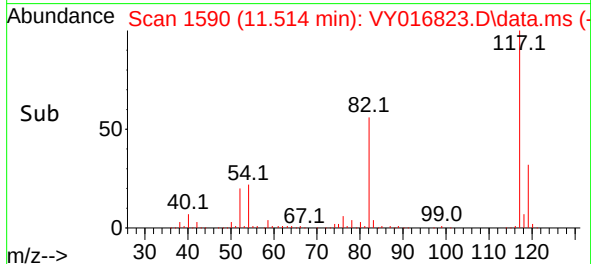
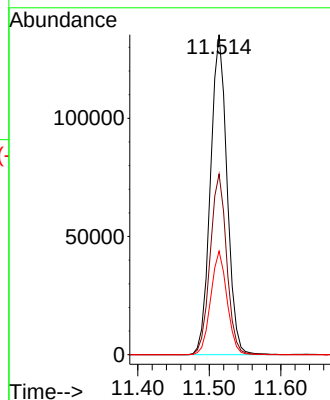
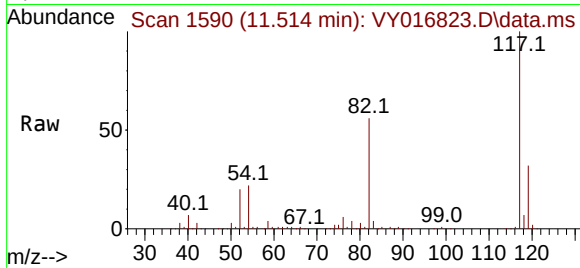




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016823.D
Acq: 22 Dec 2023 21:04

Instrument :
MSVOA_Y
ClientSampleId :
COM36

Tgt Ion:117 Resp: 217842
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016823.D
Acq: 22 Dec 2023 21:04

Tgt Ion:152 Resp: 79369
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 158.3 0.0 344.6

