

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016849.D
 Acq On : 26 Dec 2023 13:41
 Operator : SY/MD
 Sample : 06018-03
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Dec 27 01:33:37 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	7.801	168	102712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	202318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	72653	77.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.960%
35) Dibromofluoromethane	7.728	113	62439	51.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.191	98	220753	50.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.489	95	67972	47.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.360%

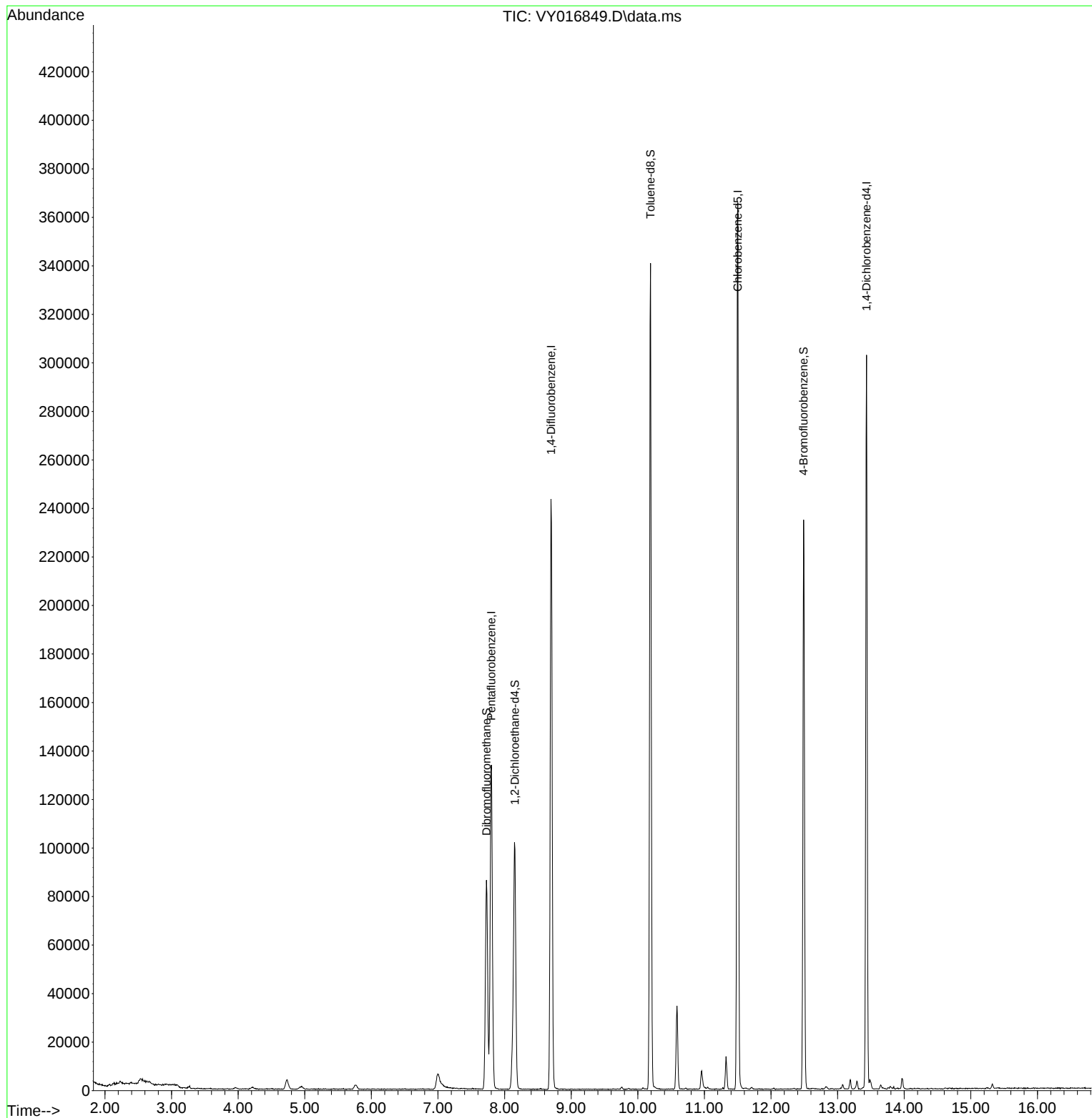
Target Compounds	Qvalue

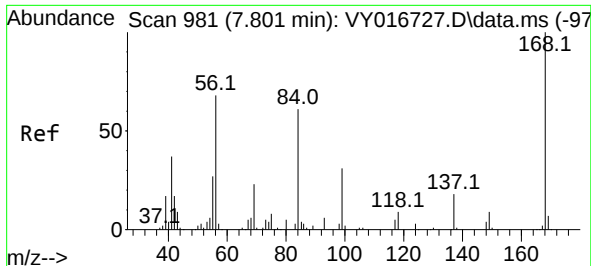
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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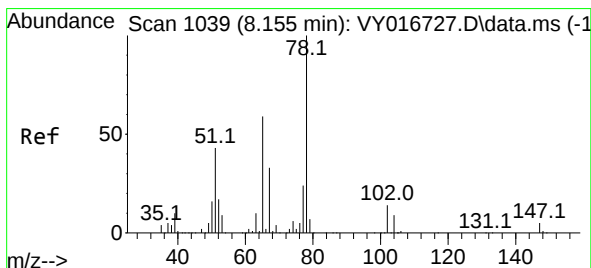
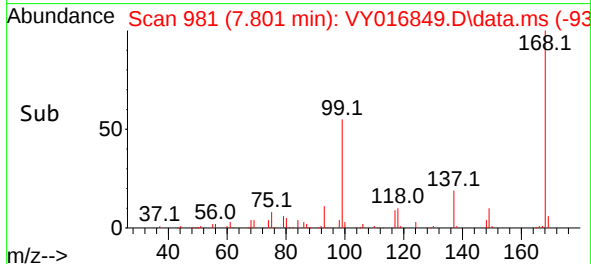
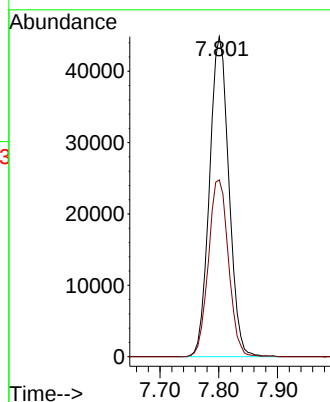
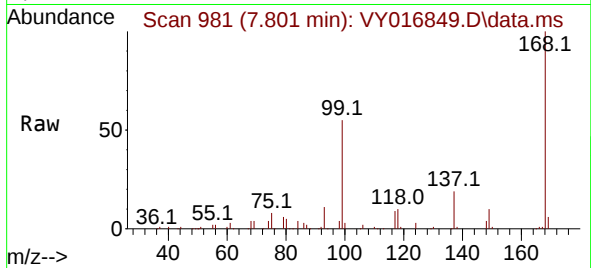




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

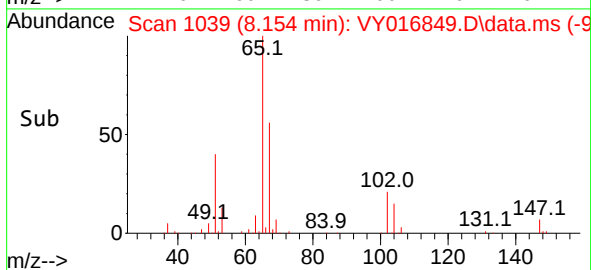
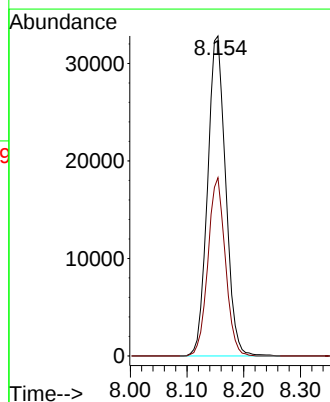
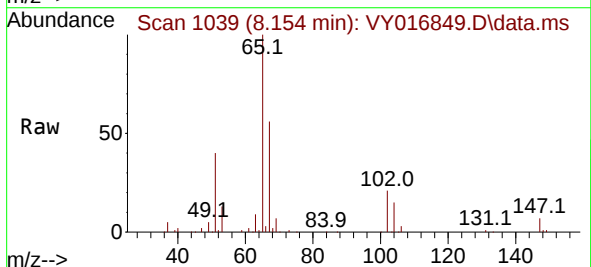
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

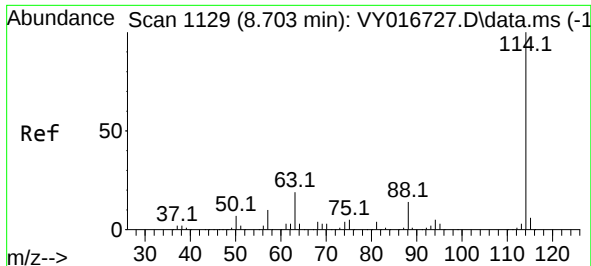
Tgt Ion:168 Resp: 102712
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 77.484 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Tgt Ion: 65 Resp: 72653
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016849.D

Acq: 26 Dec 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

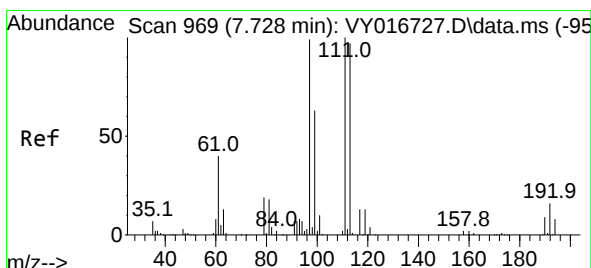
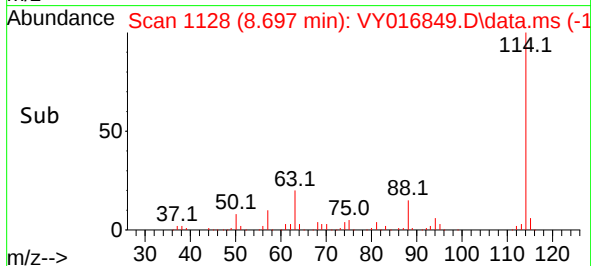
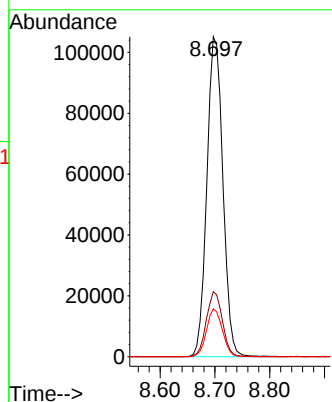
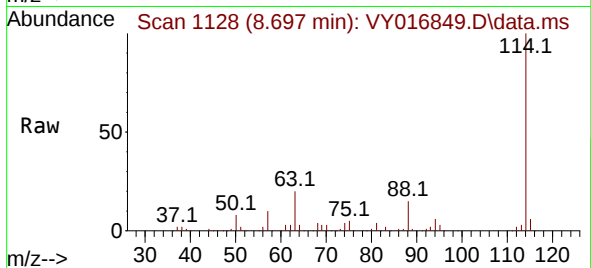
Tgt Ion:114 Resp: 212807

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.221 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016849.D

Acq: 26 Dec 2023 13:41

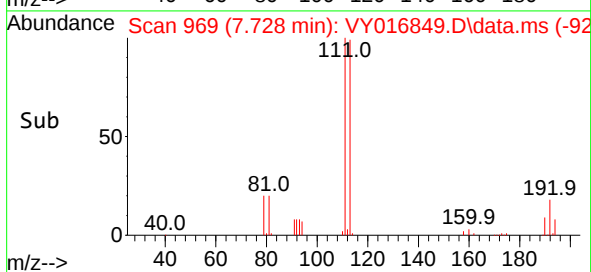
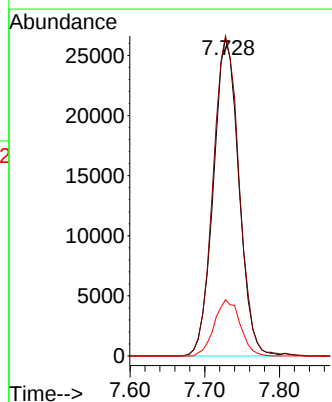
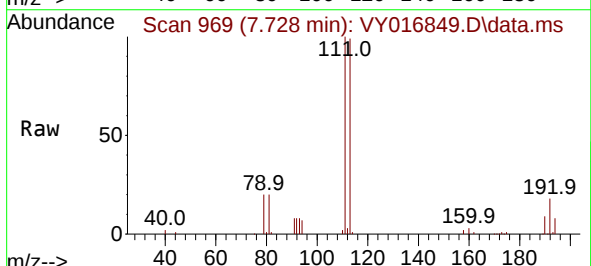
Tgt Ion:113 Resp: 62439

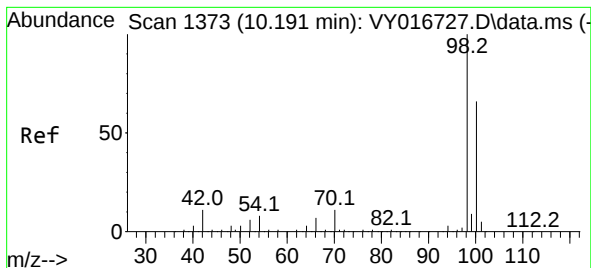
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 50.235 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016849.D

Acq: 26 Dec 2023 13:41

Instrument :

MSVOA_Y

ClientSampleId :

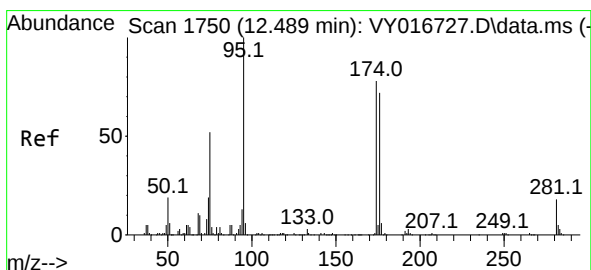
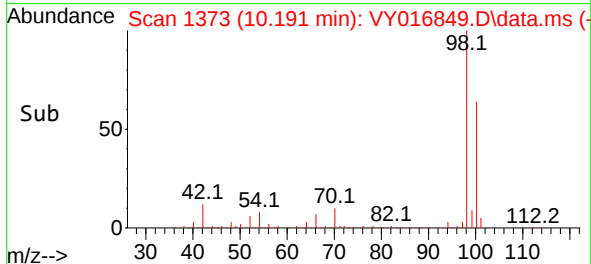
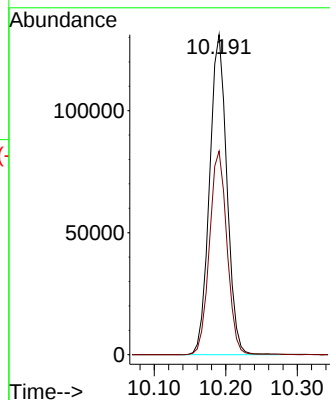
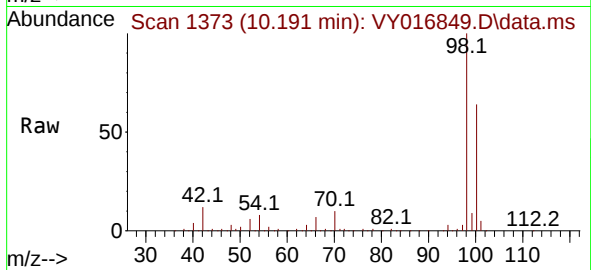
COMP-3

Tgt Ion: 98 Resp: 220753

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.677 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016849.D

Acq: 26 Dec 2023 13:41

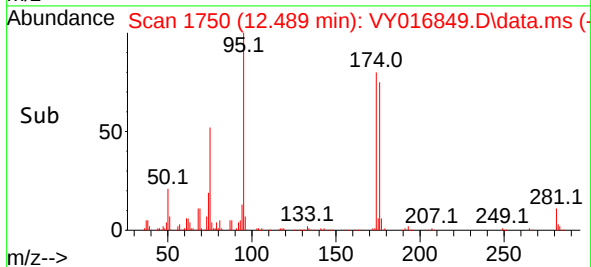
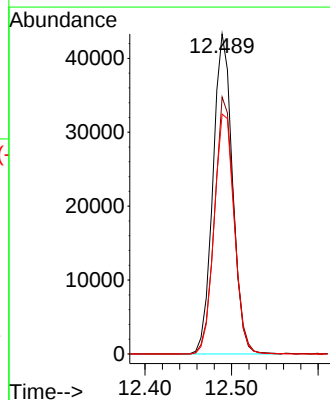
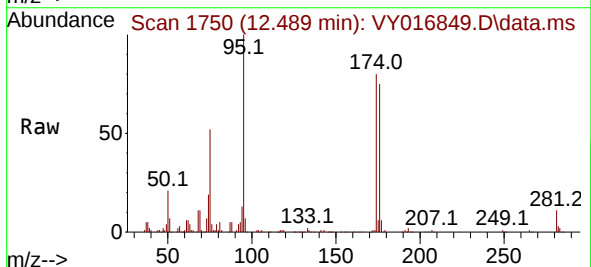
Tgt Ion: 95 Resp: 67972

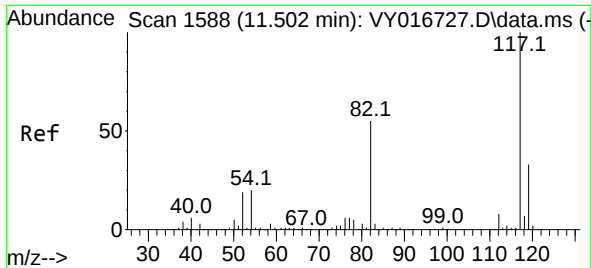
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.0

176 76.9 0.0 151.8

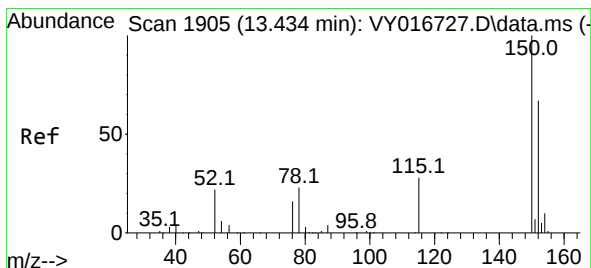
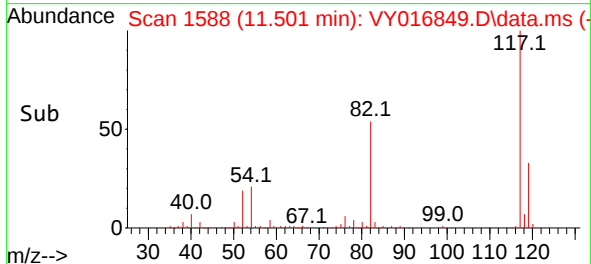
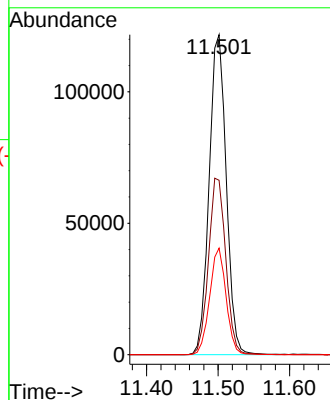
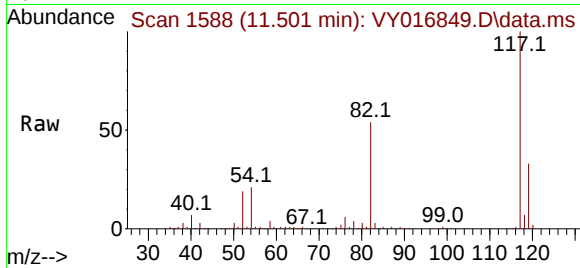




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 202318
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Tgt Ion:152 Resp: 74285
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 159.0 0.0 344.6

