

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016975.D
 Acq On : 10 Jan 2024 16:00
 Operator : SY/MD
 Sample : P1100-02
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jan 11 00:14:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	103432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	219280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84854	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	51448	50.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.660%
35) Dibromofluoromethane	7.728	113	53700	37.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.320%
50) Toluene-d8	10.191	98	195873	39.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.800%
62) 4-Bromofluorobenzene	12.489	95	64609	39.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.000%

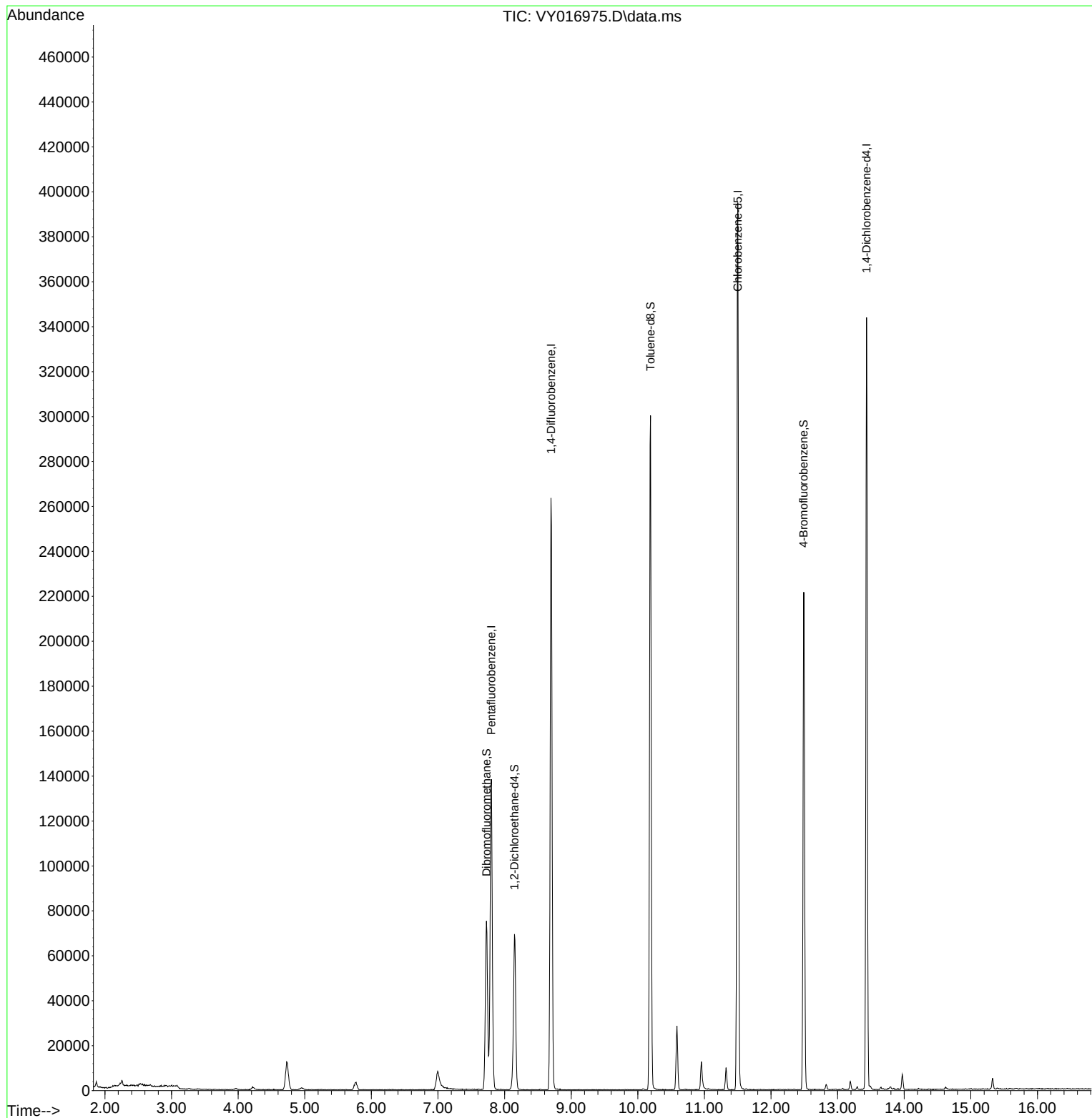
Target Compounds	Qvalue

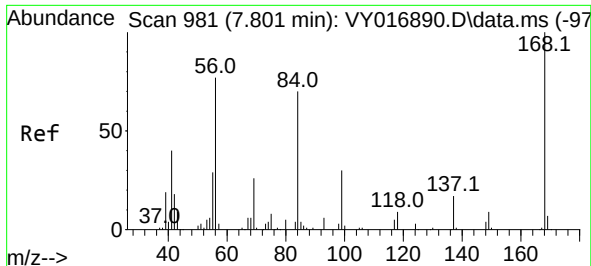
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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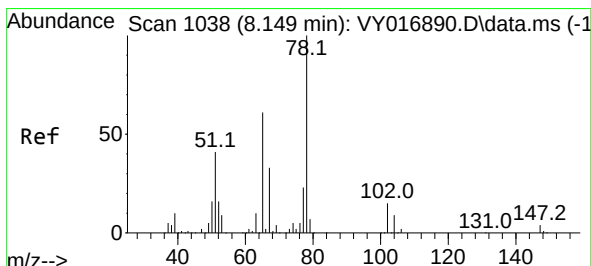
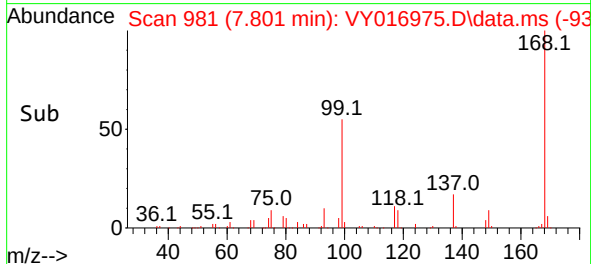
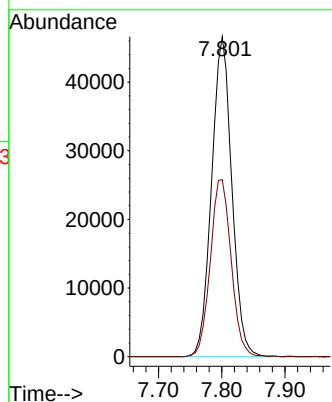
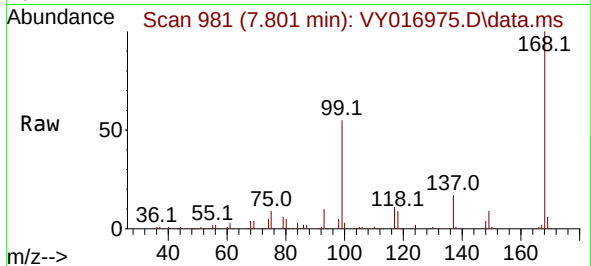




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016975.D
Acq: 10 Jan 2024 16:00

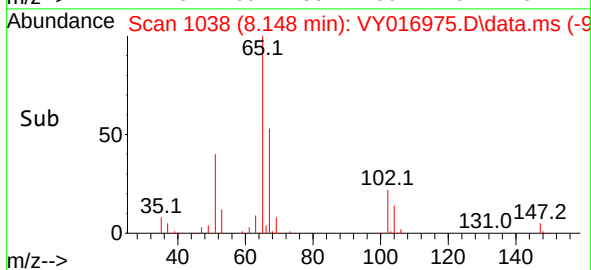
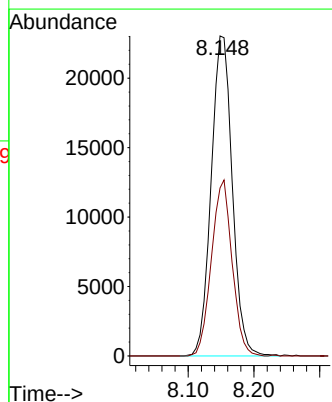
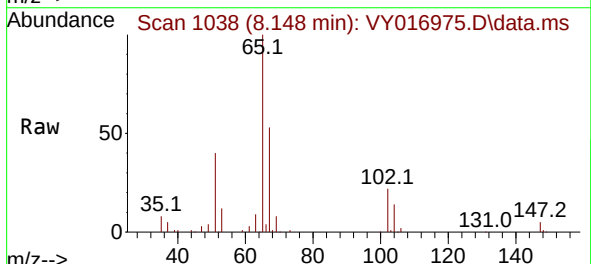
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

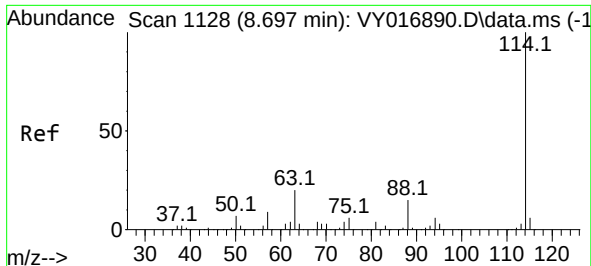
Tgt Ion:168 Resp: 103432
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.327 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY016975.D
Acq: 10 Jan 2024 16:00

Tgt Ion: 65 Resp: 51448
Ion Ratio Lower Upper
65 100
67 53.8 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: VY016975.D

Acq: 10 Jan 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

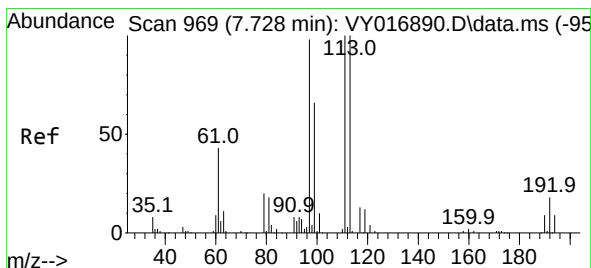
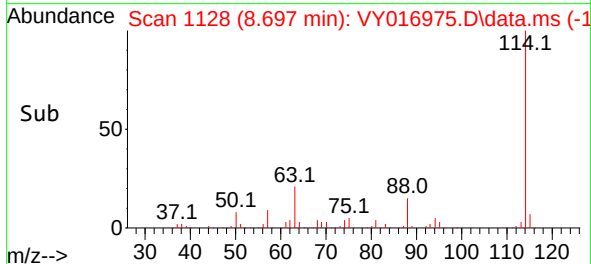
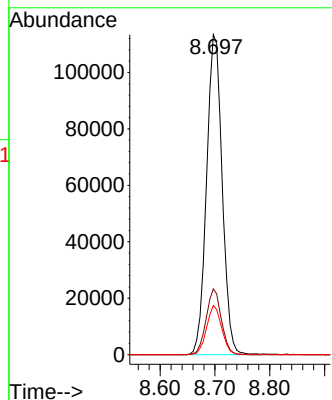
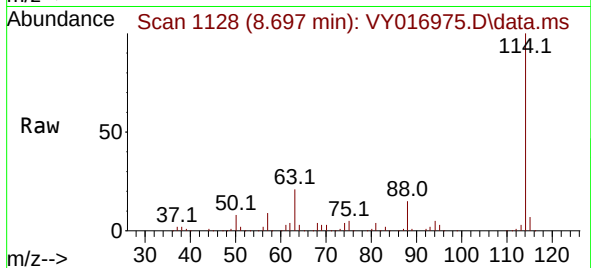
Tgt Ion:114 Resp: 223742

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.664 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016975.D

Acq: 10 Jan 2024 16:00

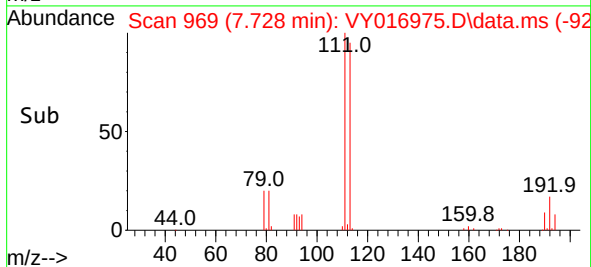
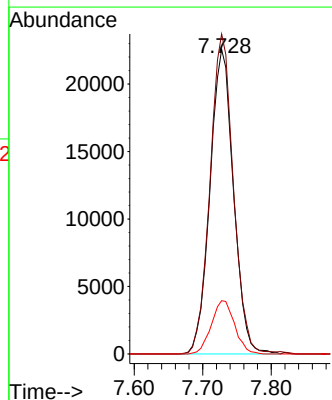
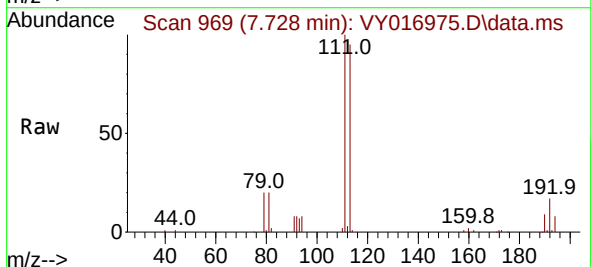
Tgt Ion:113 Resp: 53700

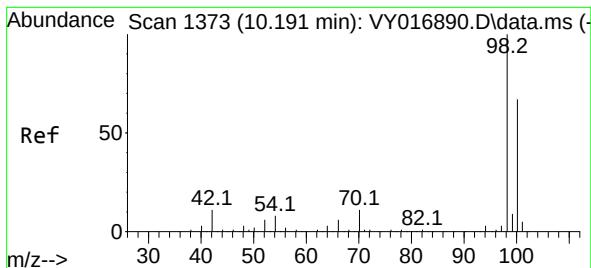
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.3 14.5 21.7





#50

Toluene-d8

Concen: 39.895 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016975.D

Acq: 10 Jan 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

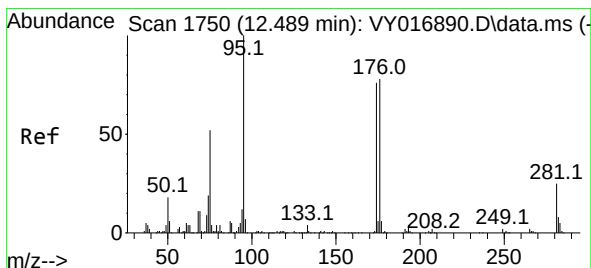
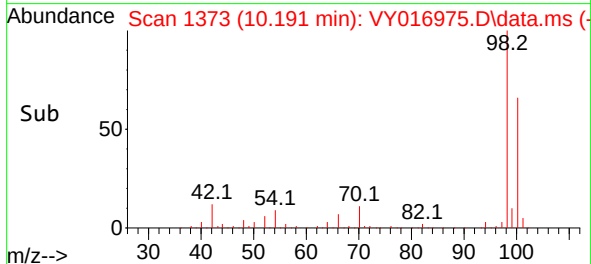
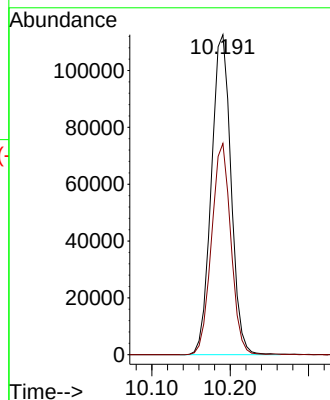
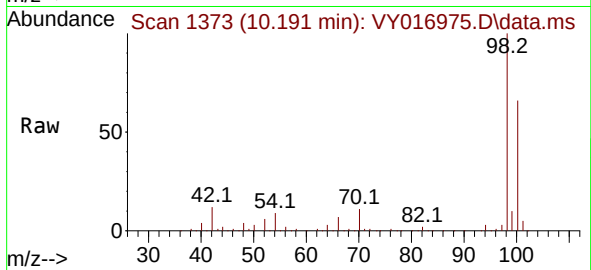
COMP-2

Tgt Ion: 98 Resp: 195873

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.004 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016975.D

Acq: 10 Jan 2024 16:00

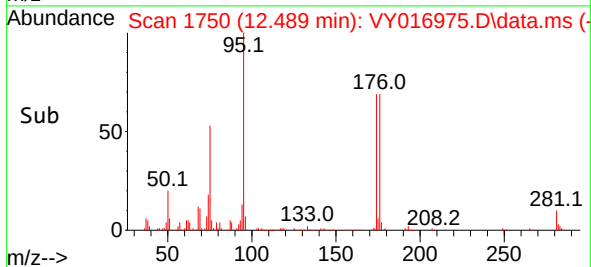
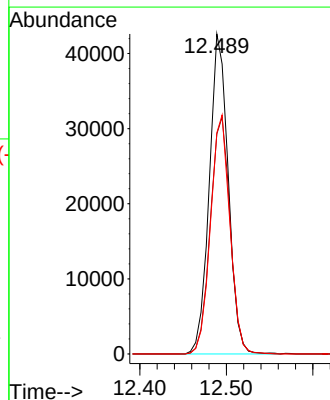
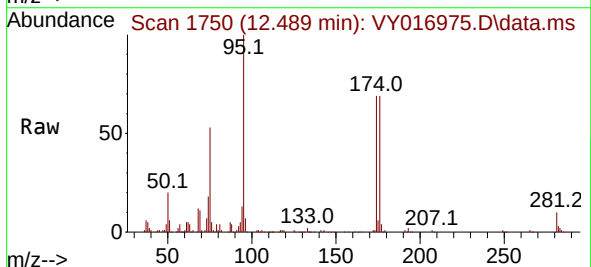
Tgt Ion: 95 Resp: 64609

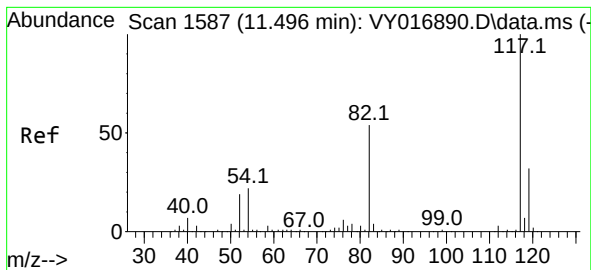
Ion Ratio Lower Upper

95 100

174 77.6 0.0 160.0

176 76.4 0.0 151.8

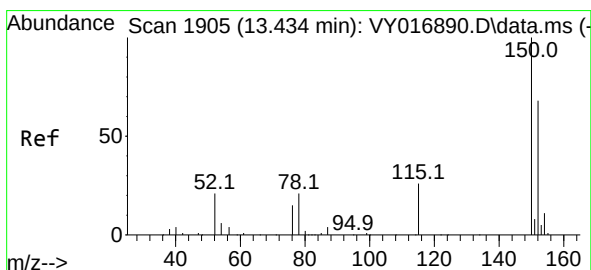
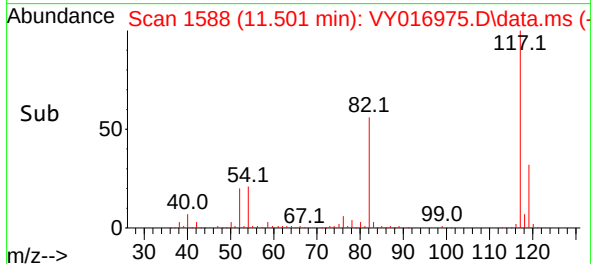
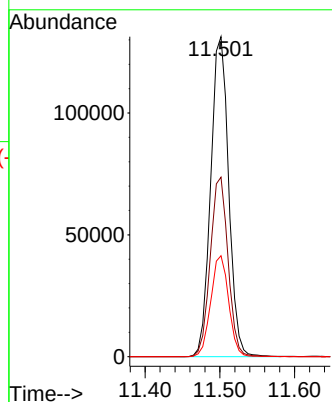
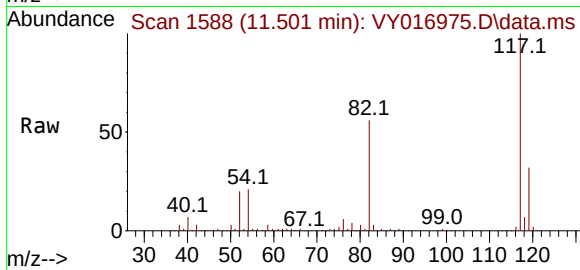




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016975.D
Acq: 10 Jan 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 219280
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 31.6 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: VY016975.D
Acq: 10 Jan 2024 16:00

Tgt Ion:152 Resp: 84854
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 155.7 0.0 344.6

