

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016921.D
 Acq On : 05 Jan 2024 14:39
 Operator : SY/MD
 Sample : P1040-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jan 05 22:36:00 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	7.813	168	116892	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	246389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	237516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	92476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59012	51.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.160%
35) Dibromofluoromethane	7.740	113	62271	39.661	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.320%
50) Toluene-d8	10.197	98	224042	41.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.880%
62) 4-Bromofluorobenzene	12.496	95	72083	39.517	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.040%

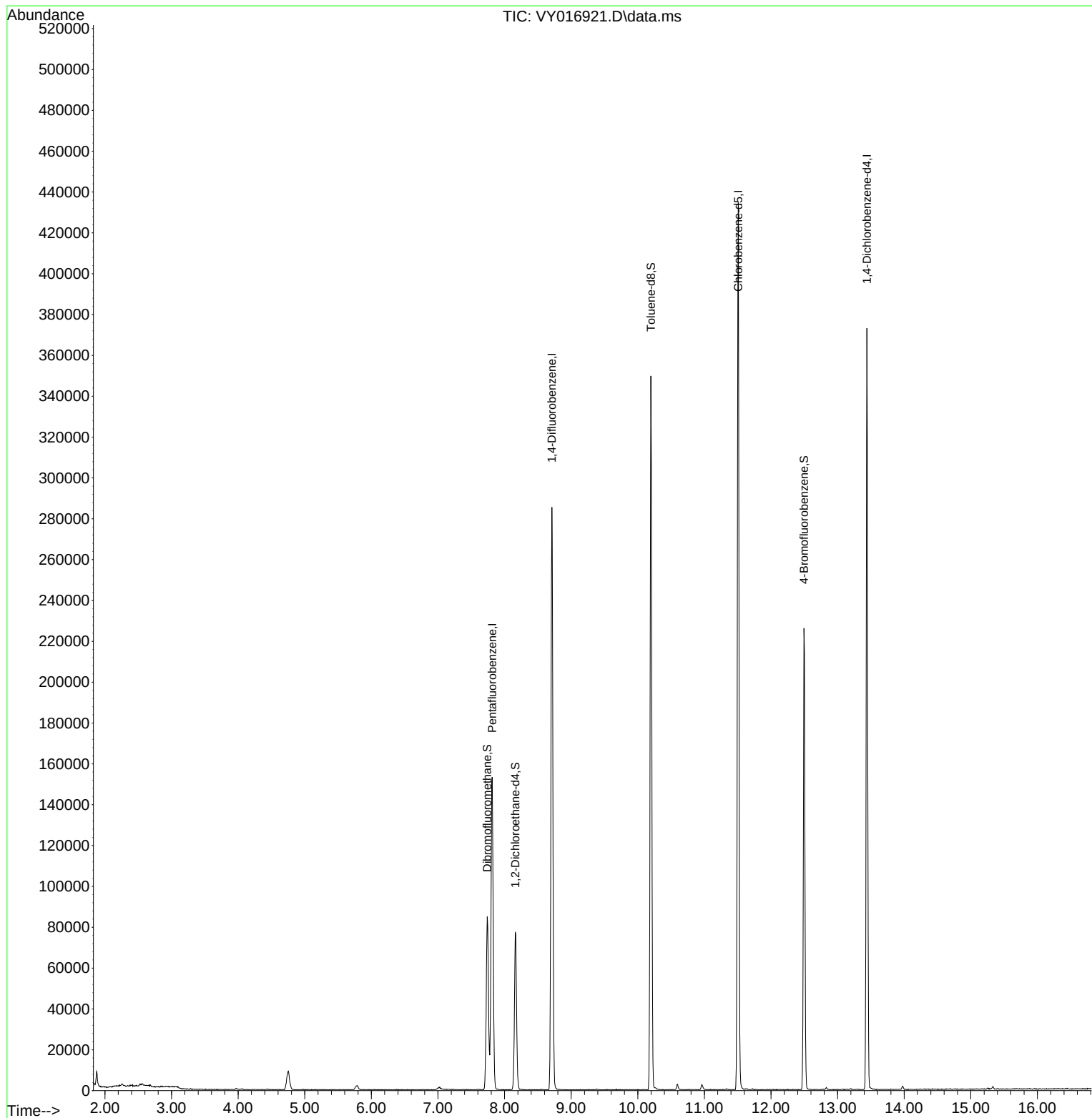
Target Compounds	Qvalue

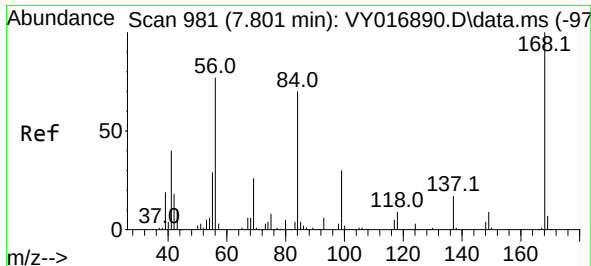
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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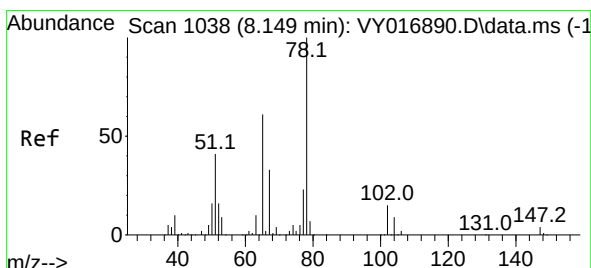
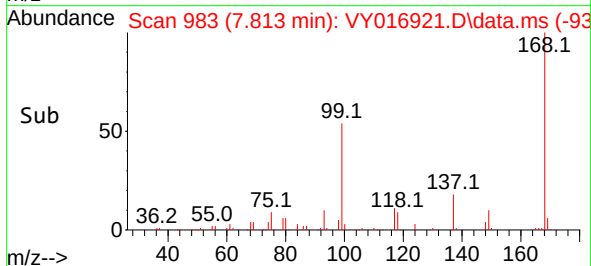
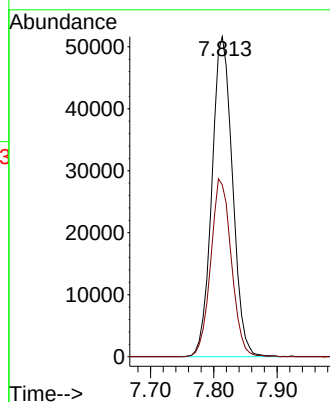
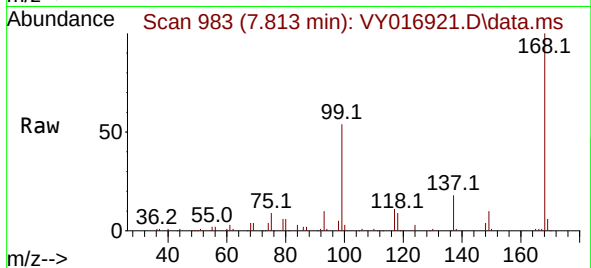




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

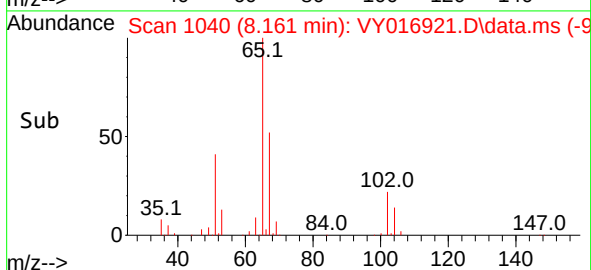
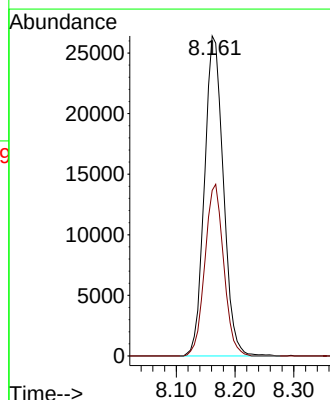
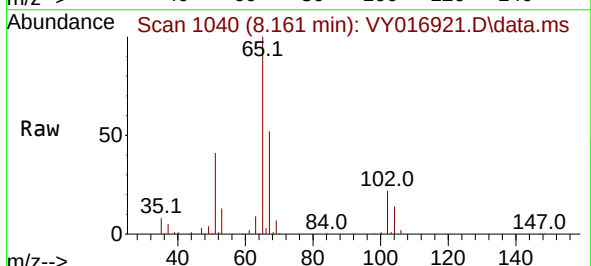
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

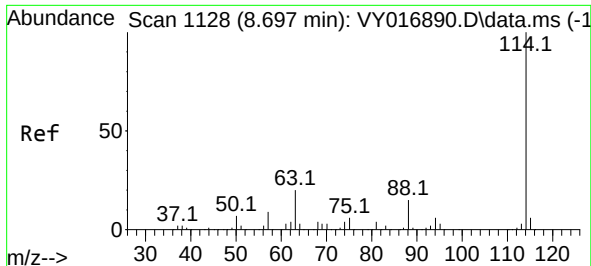
Tgt Ion:168 Resp: 116892
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.079 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Tgt Ion: 65 Resp: 59012
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

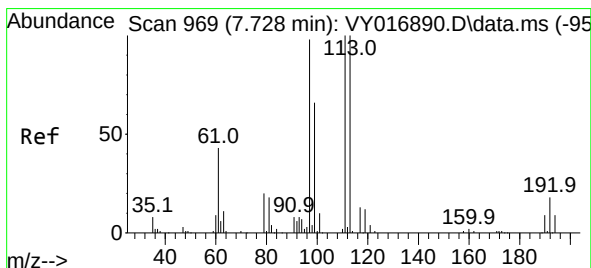
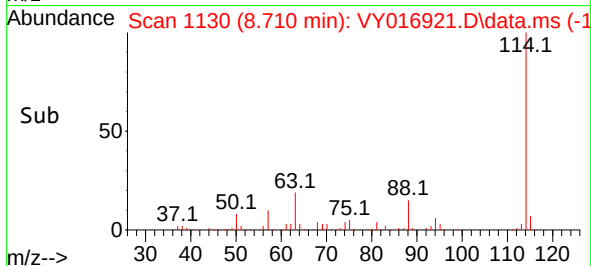
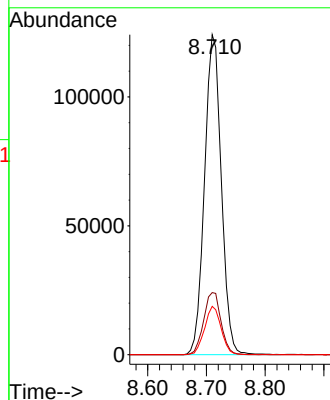
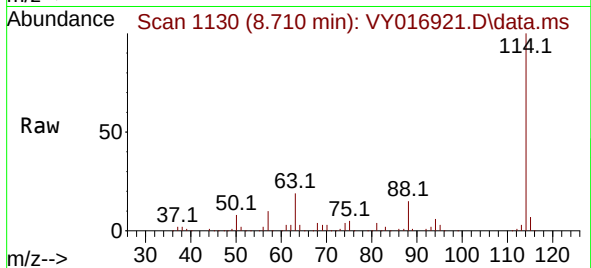
Tgt Ion:114 Resp: 246389

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.661 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

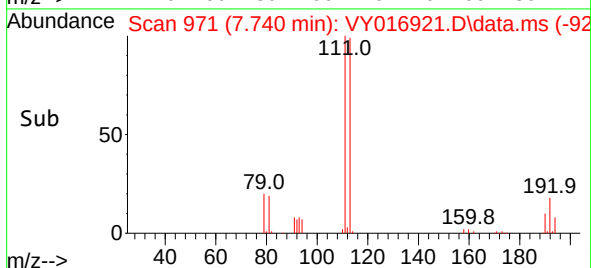
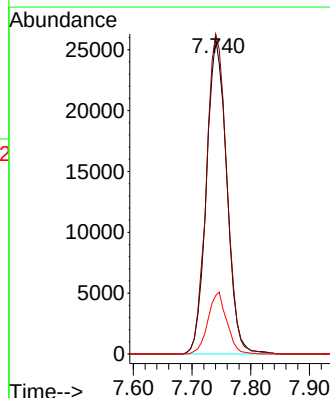
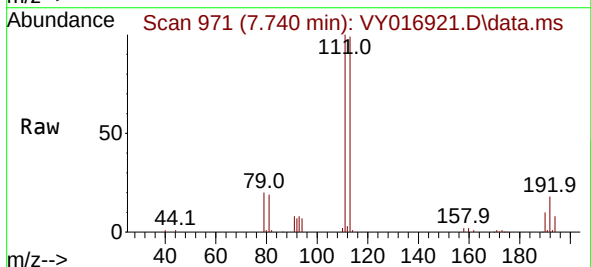
Tgt Ion:113 Resp: 62271

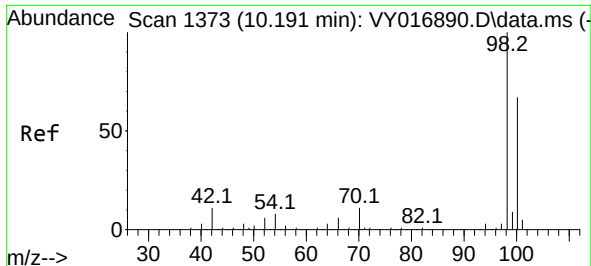
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.1 14.5 21.7

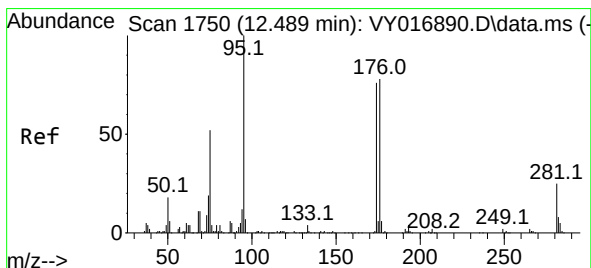
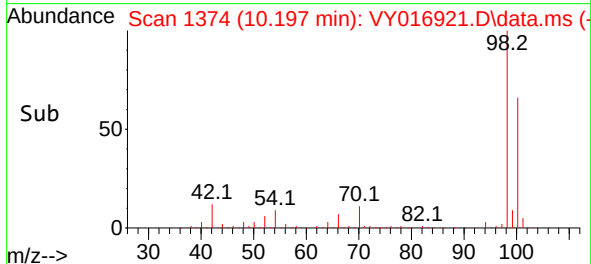
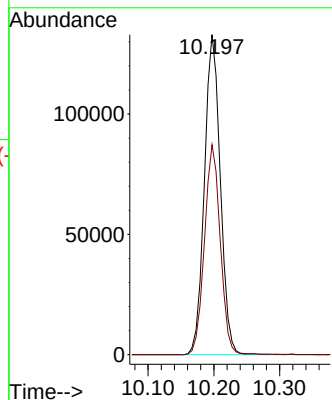
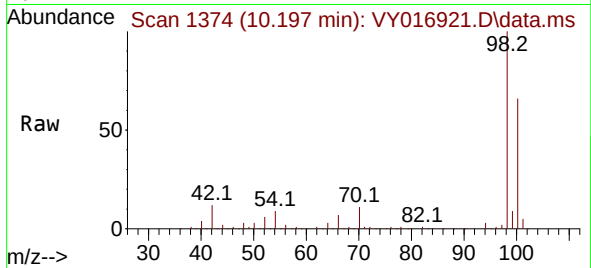




#50
Toluene-d8
Concen: 41.439 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

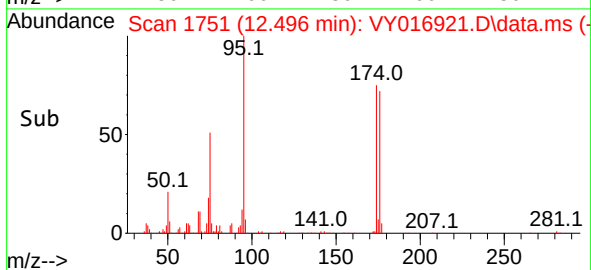
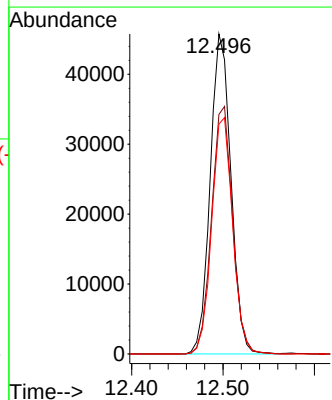
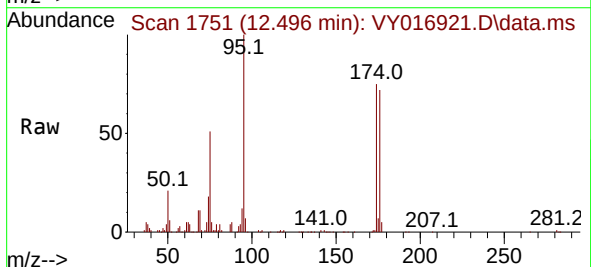
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

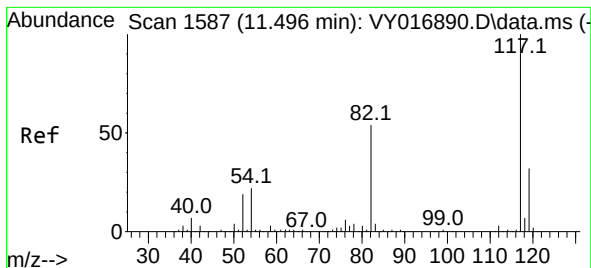
Tgt Ion: 98 Resp: 224042
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.517 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016921.D
Acq: 05 Jan 2024 14:39

Tgt Ion: 95 Resp: 72083
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 74.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

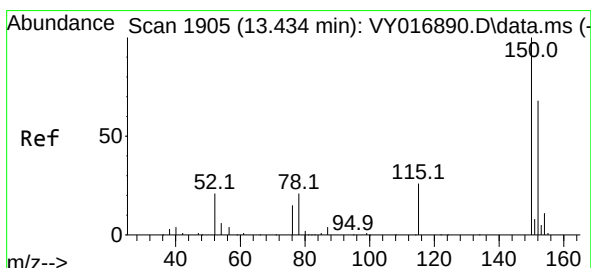
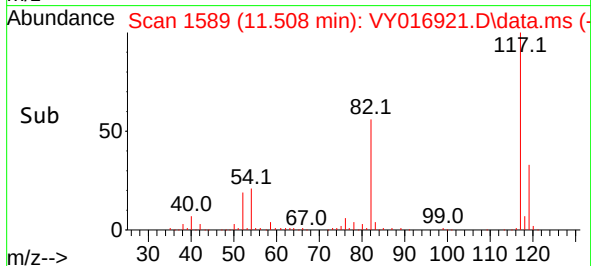
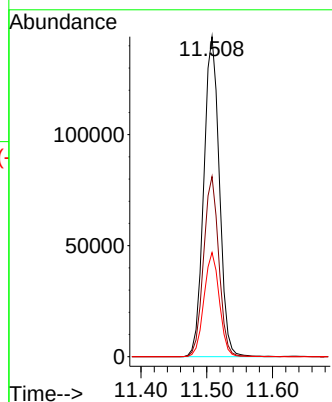
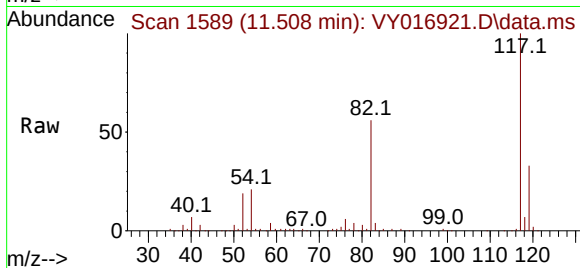
Tgt Ion:117 Resp: 237516

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016921.D

Acq: 05 Jan 2024 14:39

Tgt Ion:152 Resp: 92476

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 155.1 0.0 344.6

