

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017206.D
 Acq On : 03 Feb 2024 01:21
 Operator : SY/MD
 Sample : P1316-02
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 03 01:44:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	63023	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	134259	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	140315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	53509	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	35507	63.067	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.140%
35) Dibromofluoromethane	7.746	113	35153	48.493	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.203	98	119292	45.198	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.400%
62) 4-Bromofluorobenzene	12.502	95	39579	45.777	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.560%

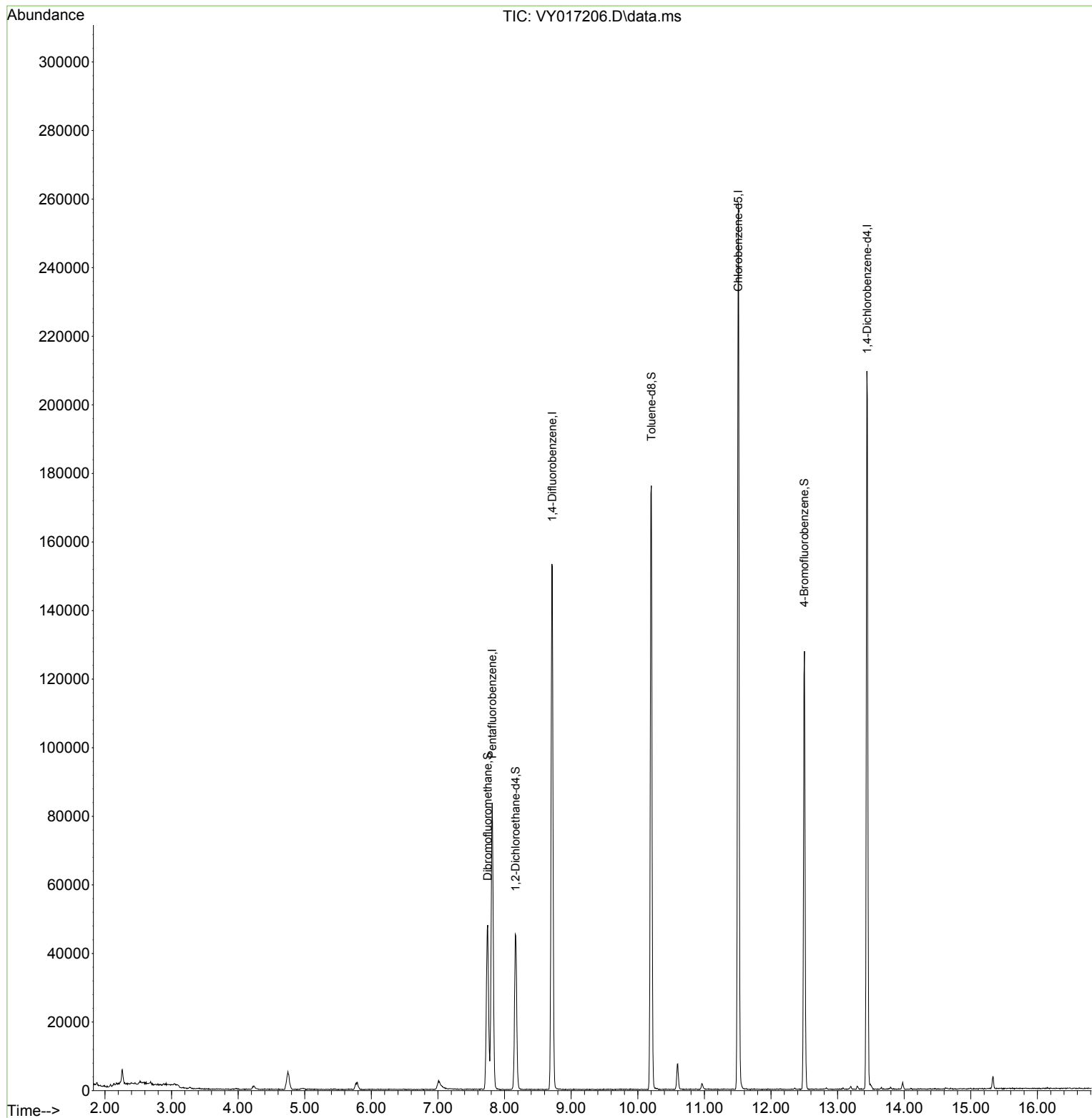
Target Compounds	Qvalue

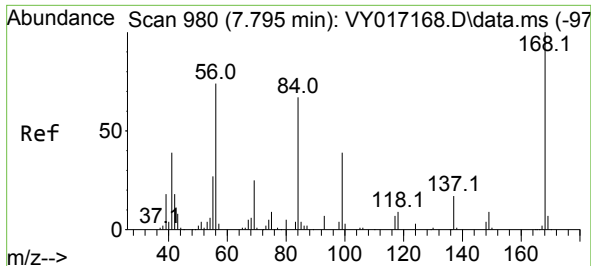
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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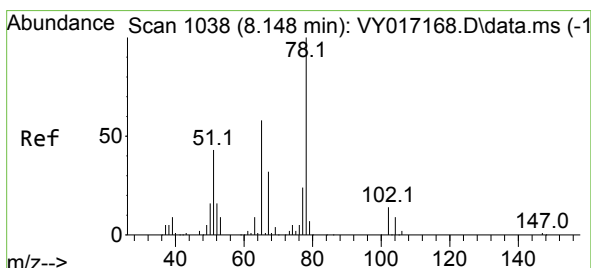
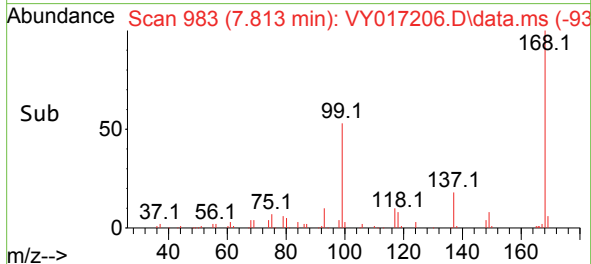
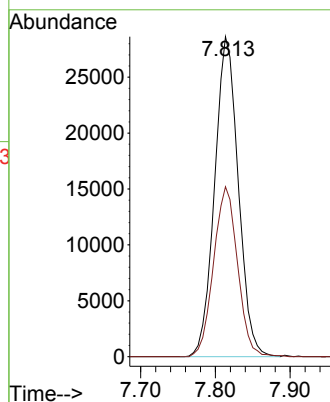
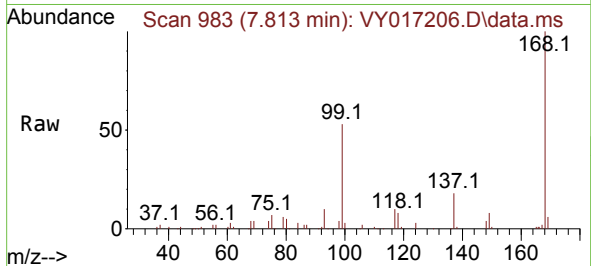




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

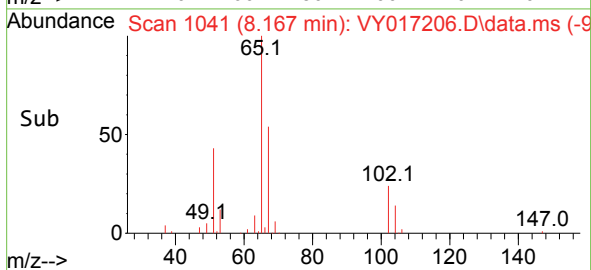
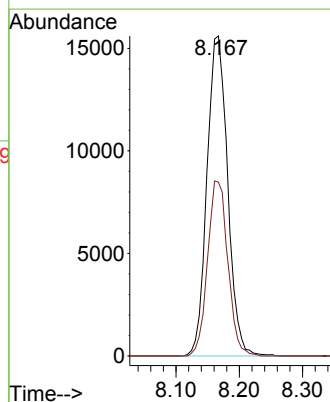
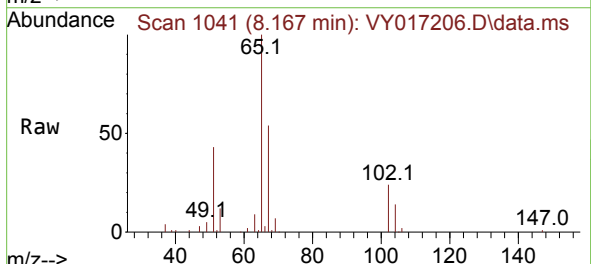
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

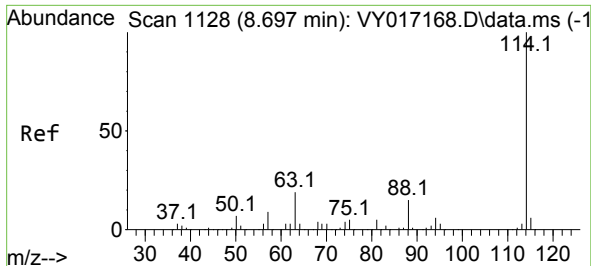
Tgt Ion:168 Resp: 63023
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.067 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.019 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

Tgt Ion: 65 Resp: 35507
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

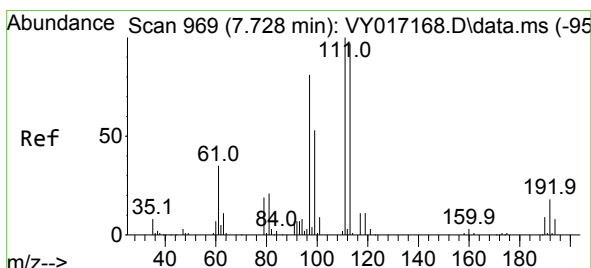
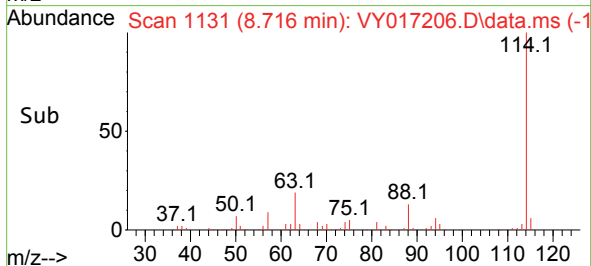
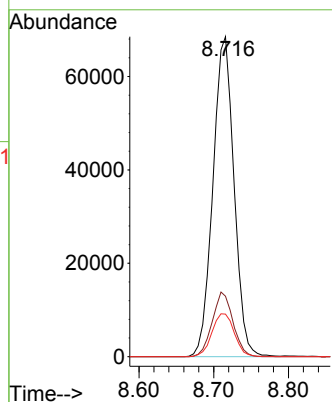
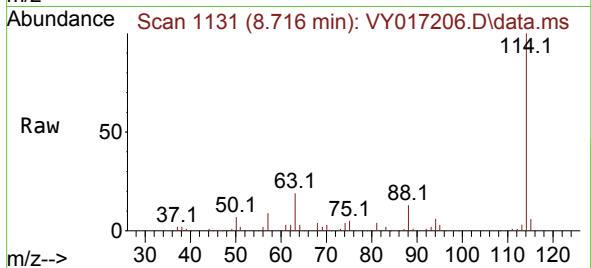
Tgt Ion:114 Resp: 134259

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 13.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.493 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.019 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

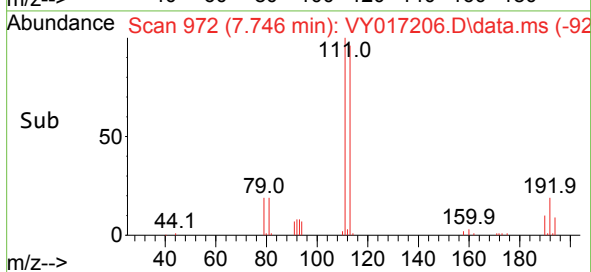
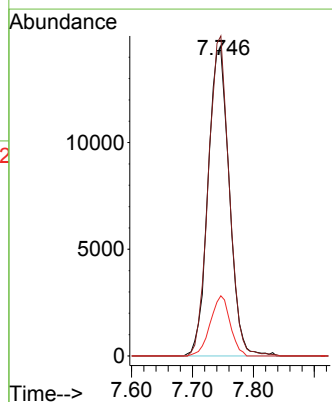
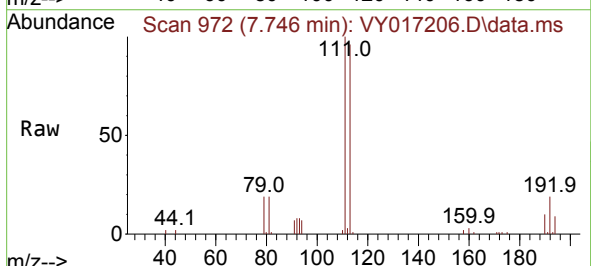
Tgt Ion:113 Resp: 35153

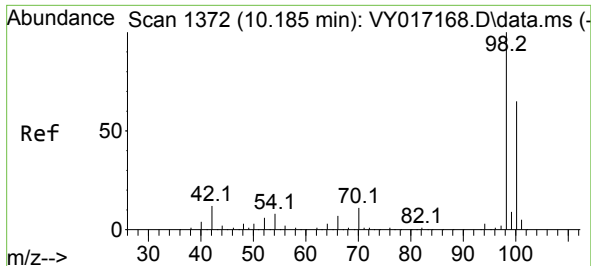
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.2 14.5 21.7

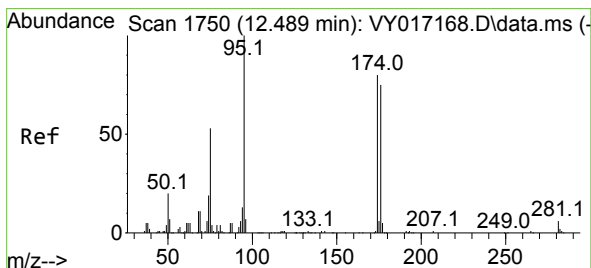
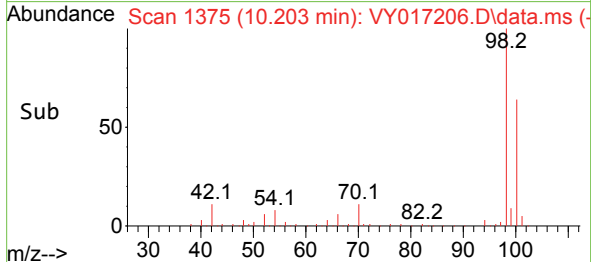
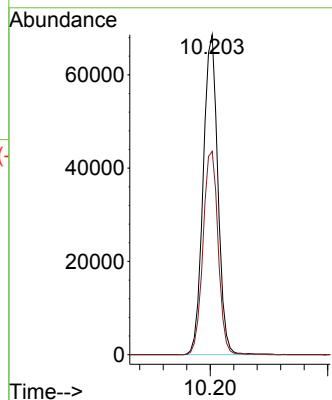
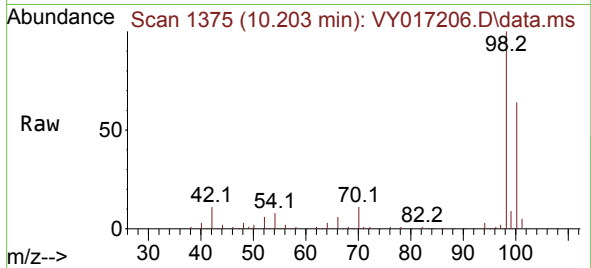




#50
Toluene-d8
Concen: 45.198 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

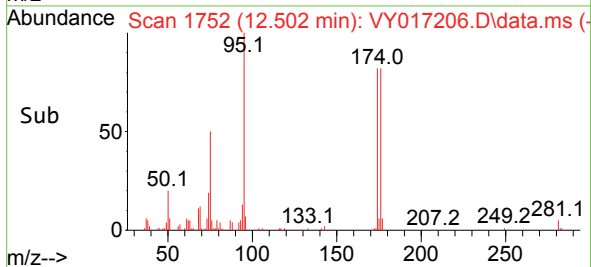
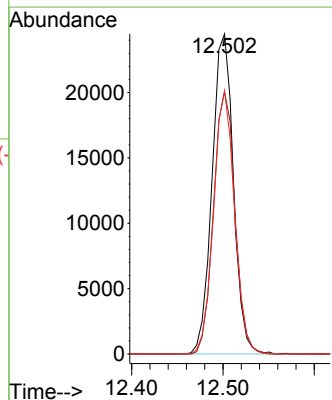
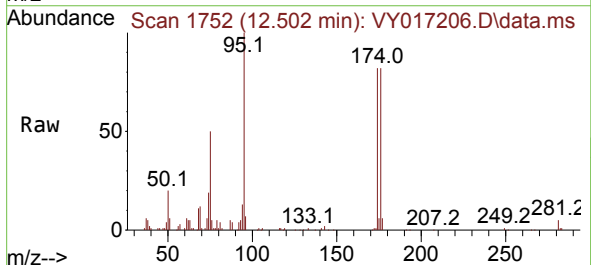
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

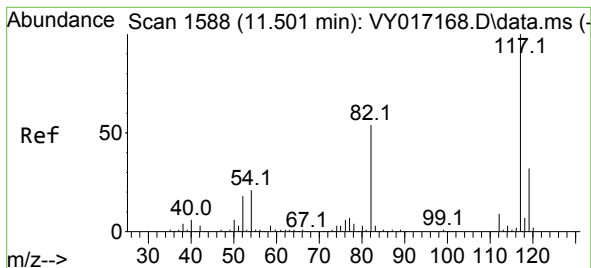
Tgt Ion: 98 Resp: 119292
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.777 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

Tgt Ion: 95 Resp: 39579
Ion Ratio Lower Upper
95 100
174 82.5 0.0 160.0
176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

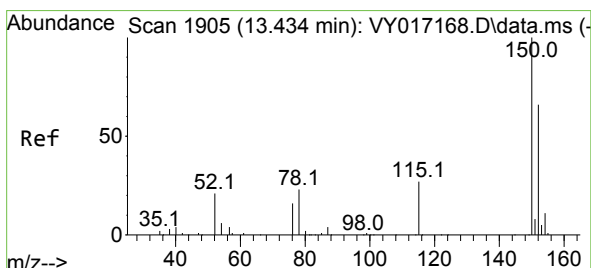
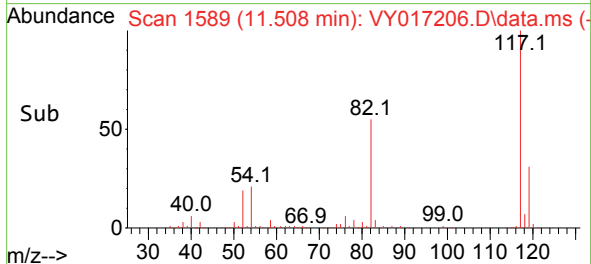
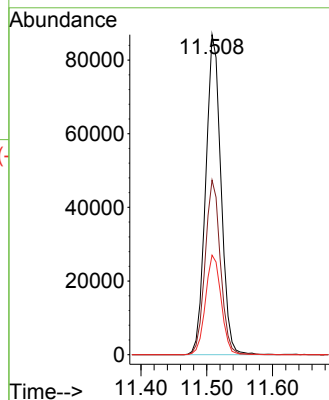
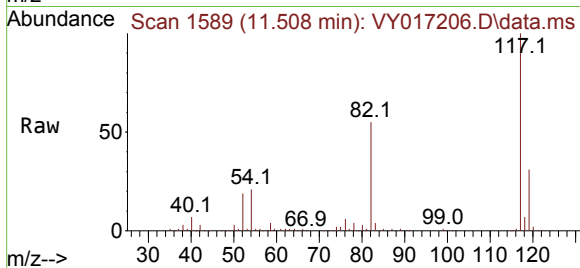
Tgt Ion:117 Resp: 140315

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.8

119 31.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

Tgt Ion:152 Resp: 53509

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 158.9 0.0 344.6

