

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017204.D
 Acq On : 03 Feb 2024 00:33
 Operator : SY/MD
 Sample : P1313-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 03 01:44:07 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	81345	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.709	114	174888	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	176582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	67903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	40330	55.499	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.740	113	42892	45.423	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.840%
50) Toluene-d8	10.197	98	153837	44.745	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.501	95	50550	44.884	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.760%

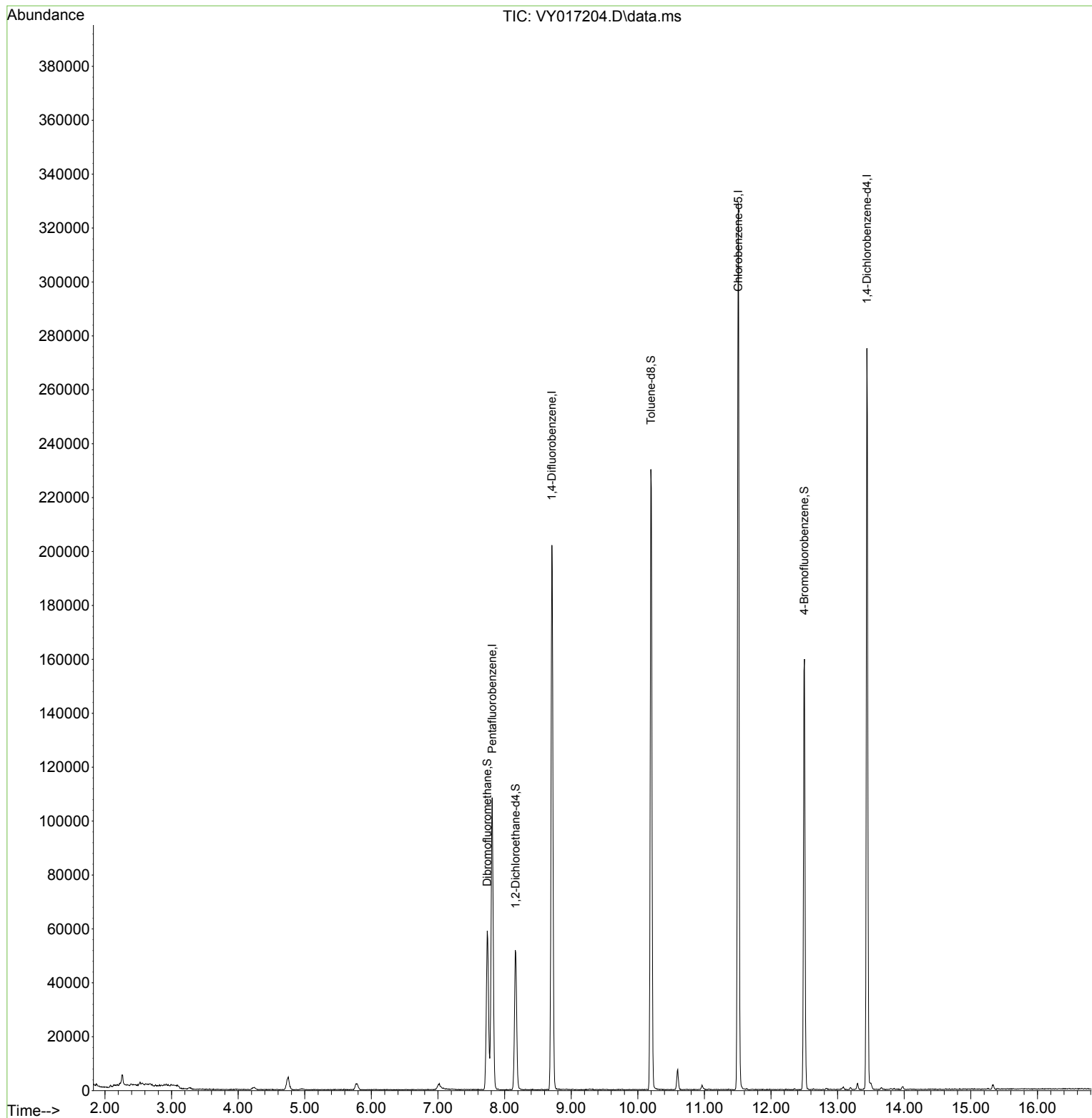
Target Compounds	Qvalue

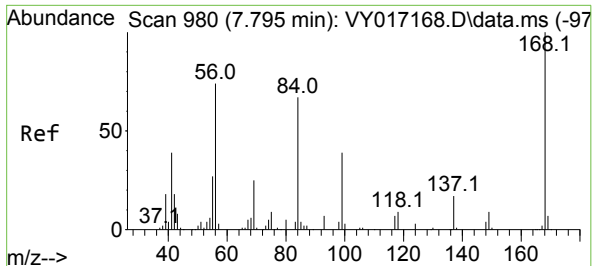
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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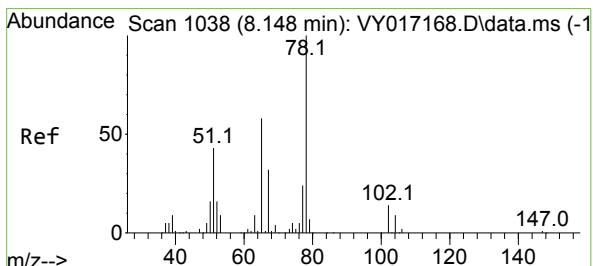
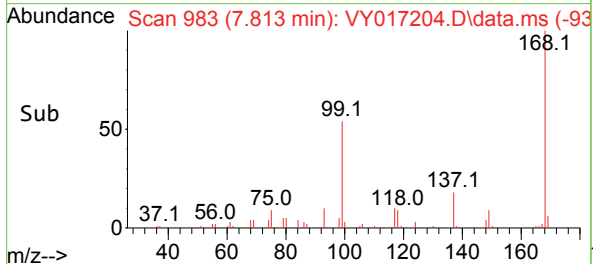
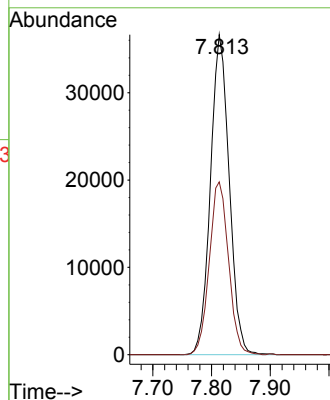
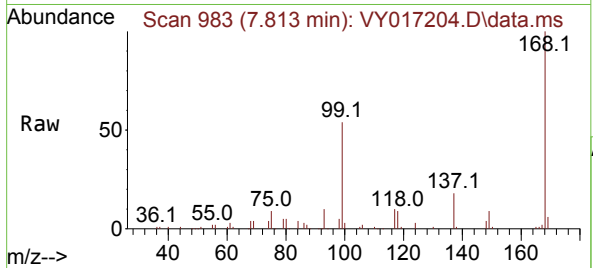




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

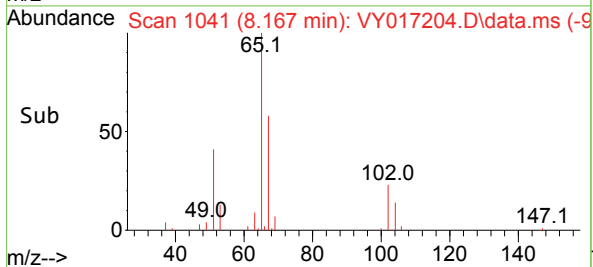
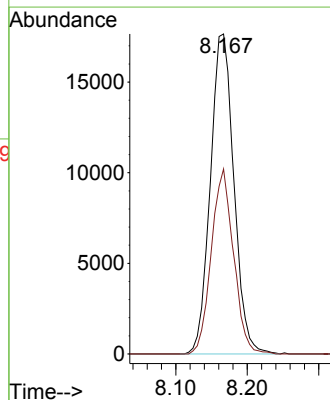
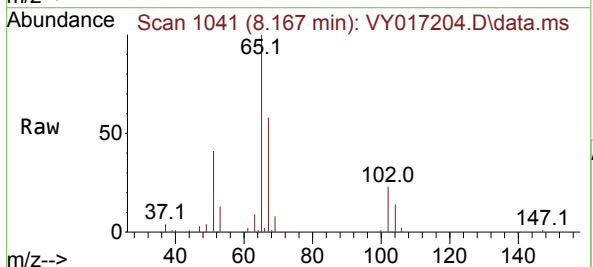
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

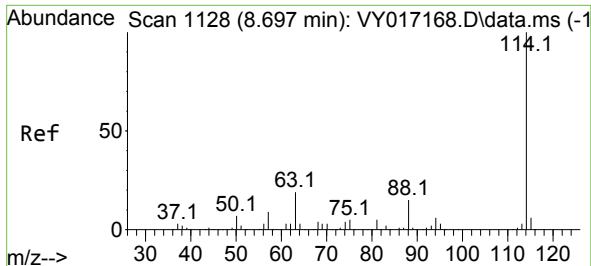
Tgt Ion:168 Resp: 81345
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.499 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Tgt Ion: 65 Resp: 40330
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

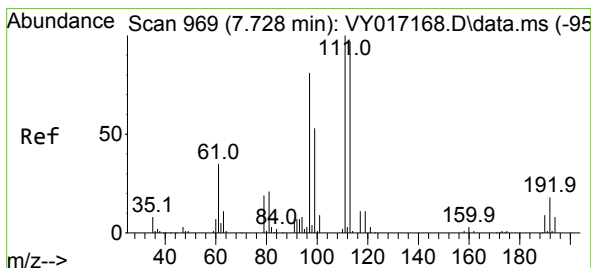
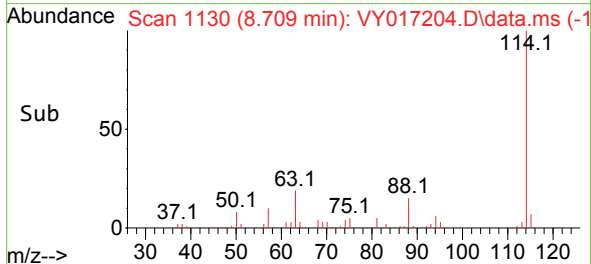
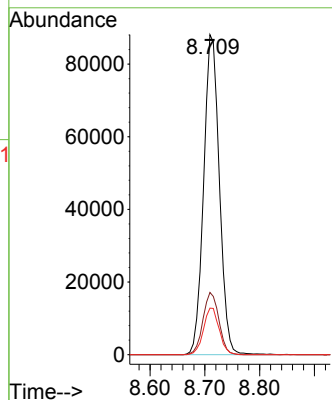
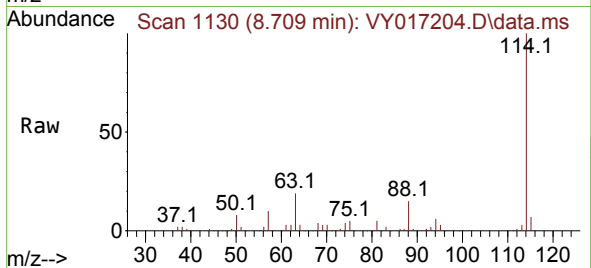
Tgt Ion:114 Resp: 174888

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.423 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

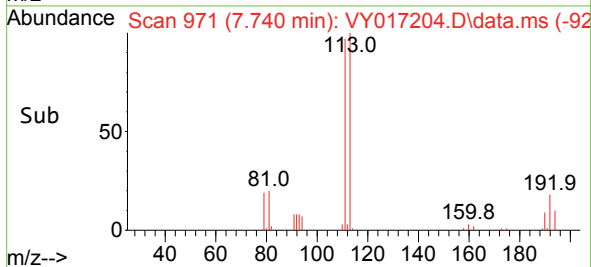
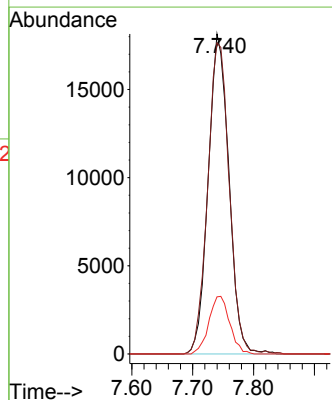
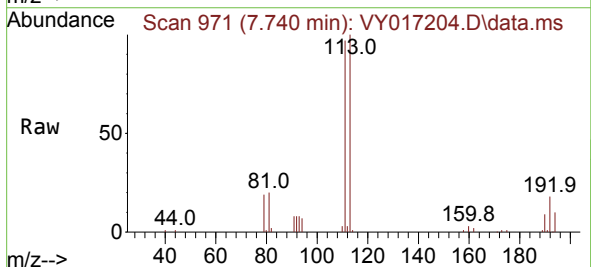
Tgt Ion:113 Resp: 42892

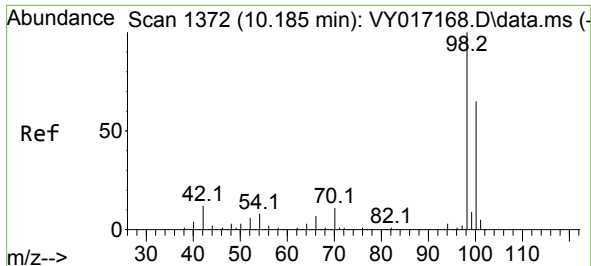
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 18.1 14.5 21.7

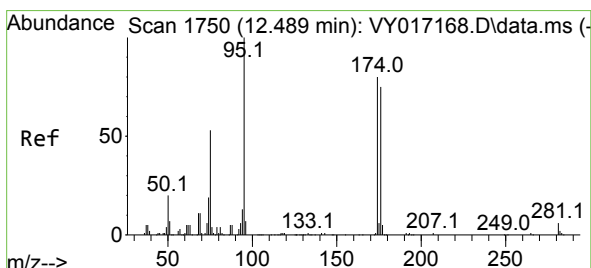
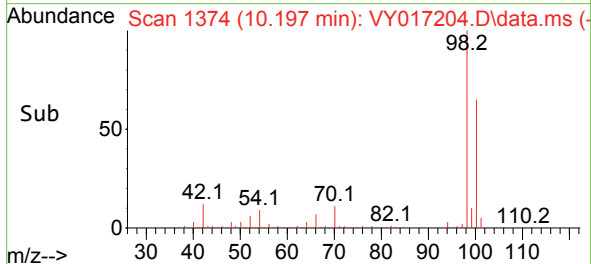
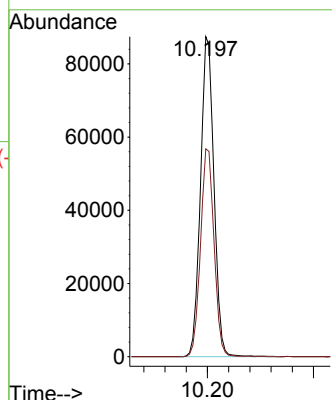
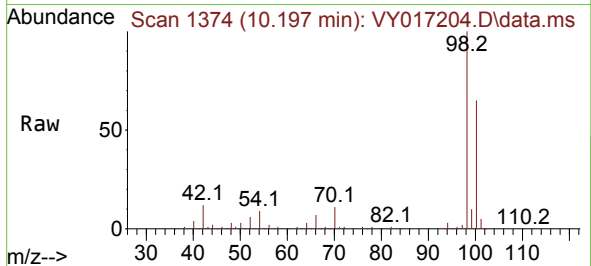




#50
Toluene-d8
Concen: 44.745 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

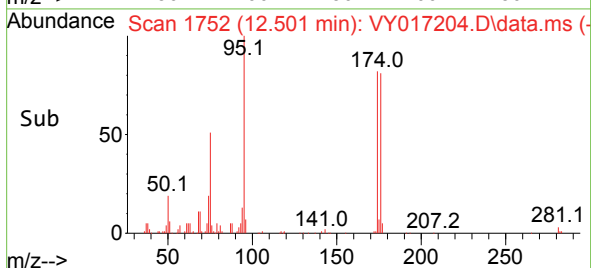
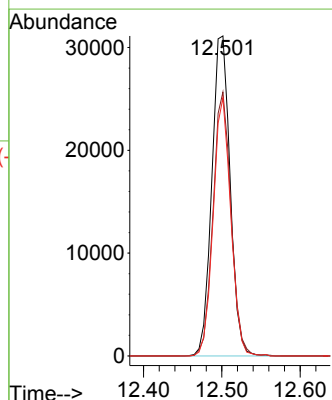
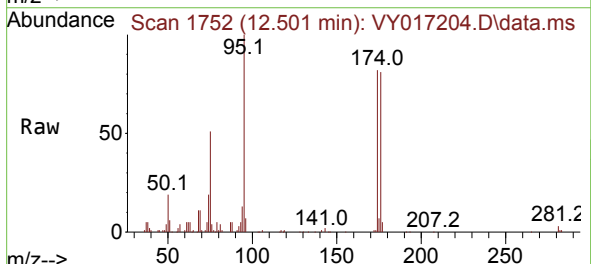
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

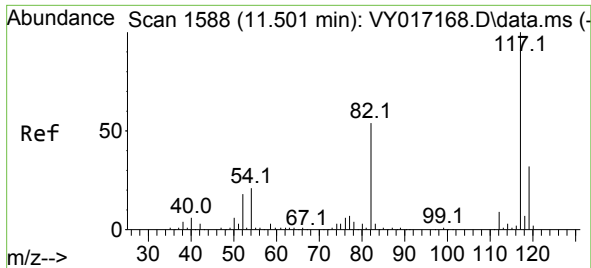
Tgt Ion: 98 Resp: 153837
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.884 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Tgt Ion: 95 Resp: 50550
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 77.5 0.0 151.8

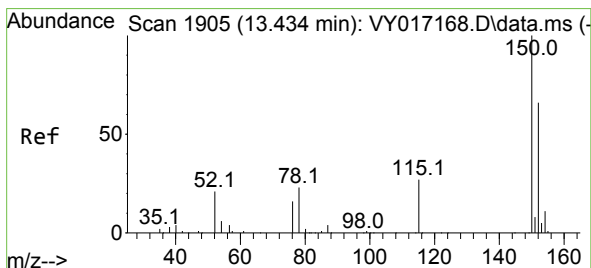
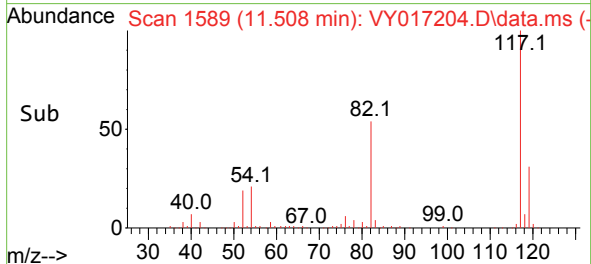
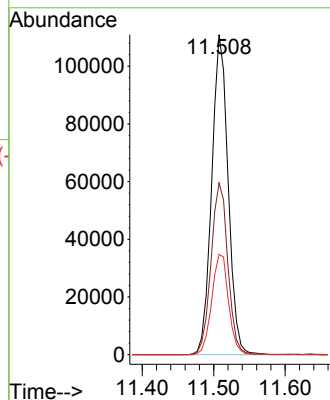
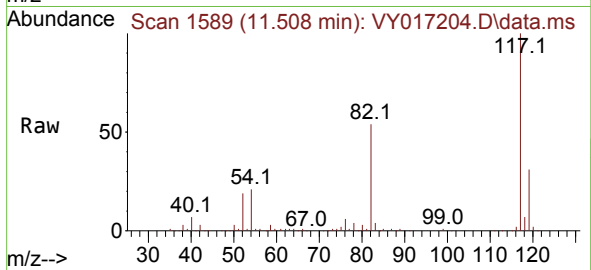




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 176582
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.3 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: VY017204.D
Acq: 03 Feb 2024 00:33

Tgt Ion:152 Resp: 67903
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 157.3 0.0 344.6

