

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019568.D
 Acq On : 16 Sep 2024 15:53
 Operator : SY/MD
 Sample : P4002-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Sep 17 02:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	347053	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	663000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	591583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	226669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	198740	61.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.680%
35) Dibromofluoromethane	7.634	113	209445	55.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.440%
50) Toluene-d8	10.103	98	795008	57.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.360%
62) 4-Bromofluorobenzene	12.402	95	259079	48.460	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.920%

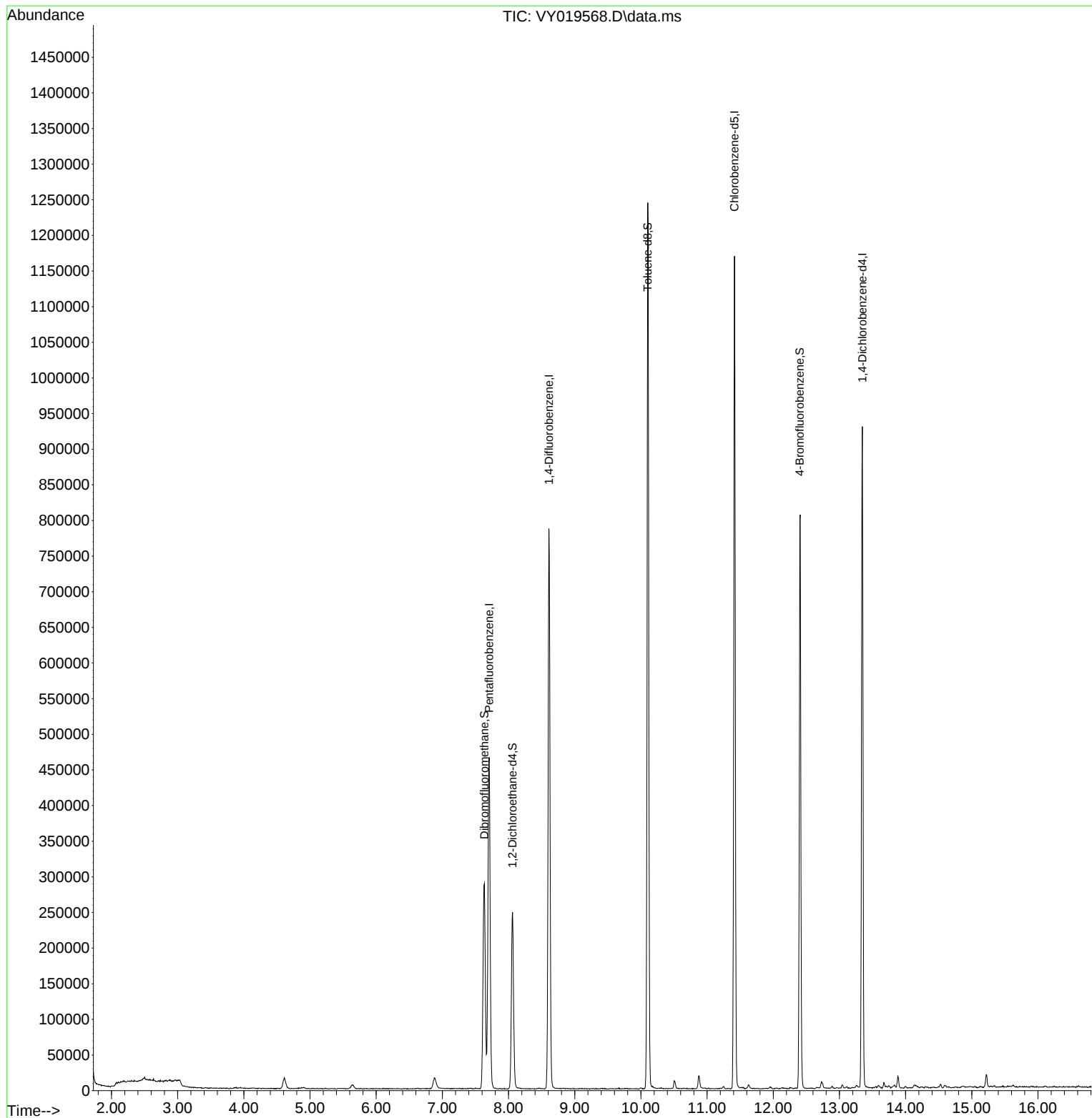
Target Compounds	Qvalue

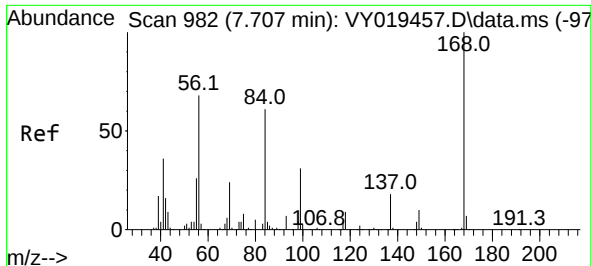
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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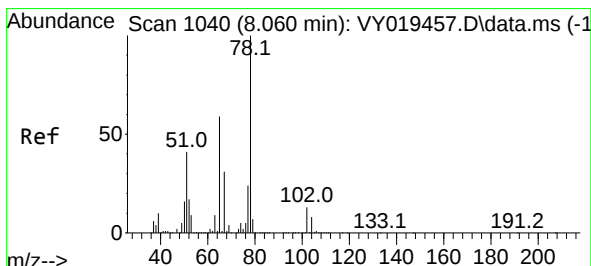
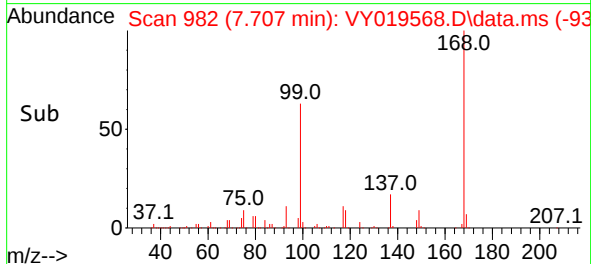
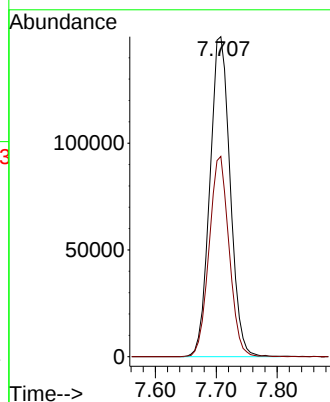
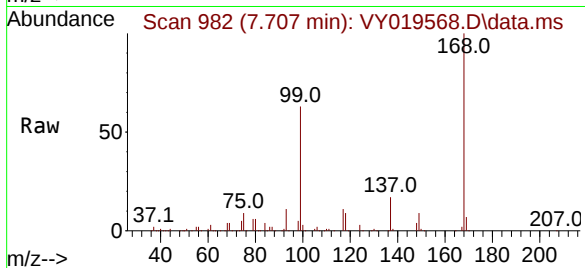




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

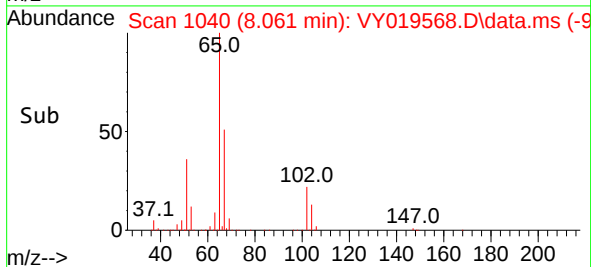
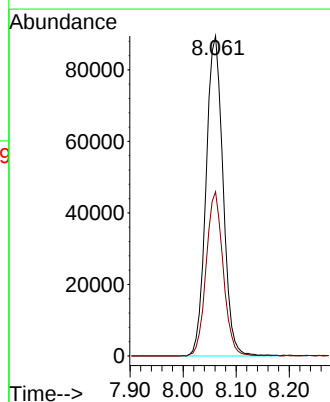
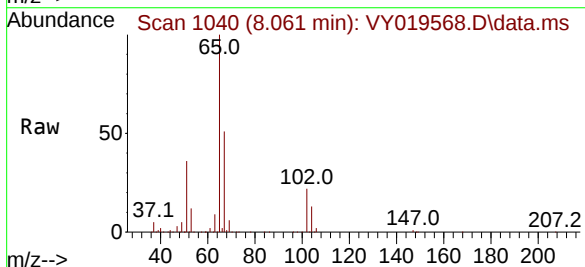
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:168 Resp: 347053
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.843 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Tgt Ion: 65 Resp: 198740
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019568.D

Acq: 16 Sep 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

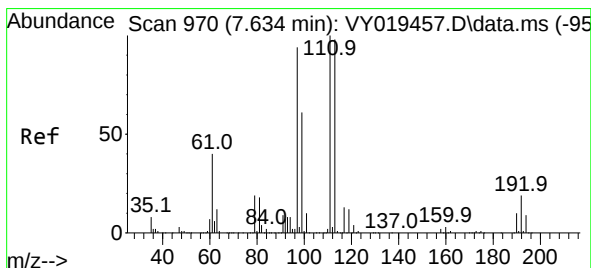
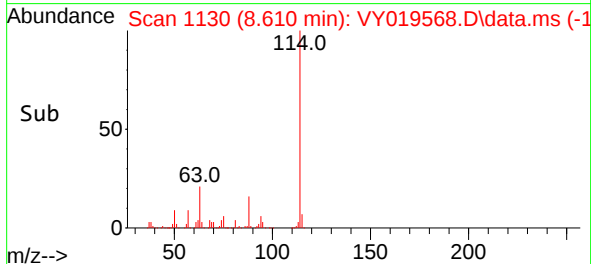
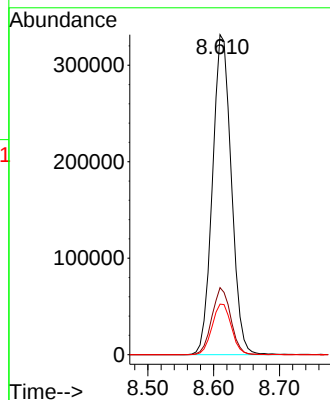
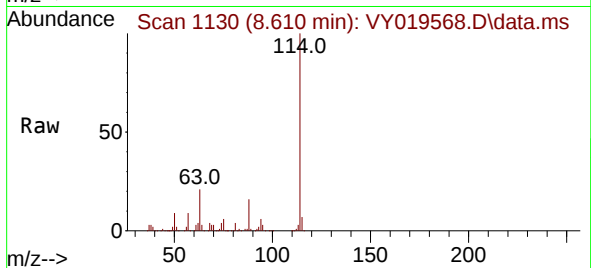
Tgt Ion:114 Resp: 663000

Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.717 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019568.D

Acq: 16 Sep 2024 15:53

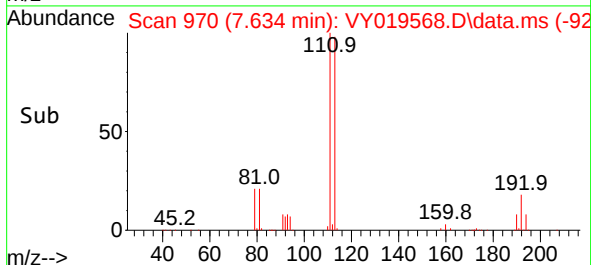
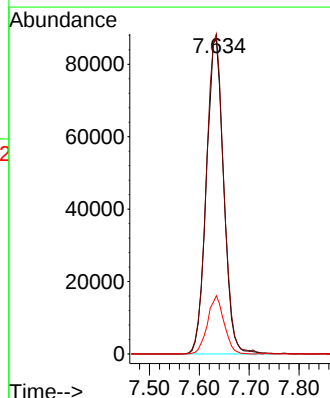
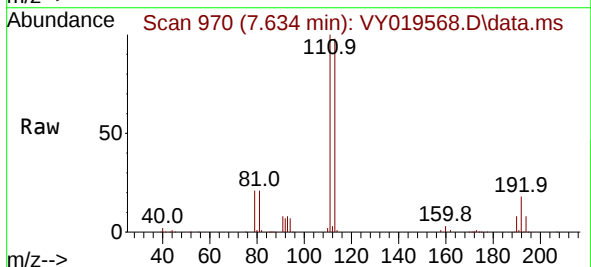
Tgt Ion:113 Resp: 209445

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.7 15.9 23.9

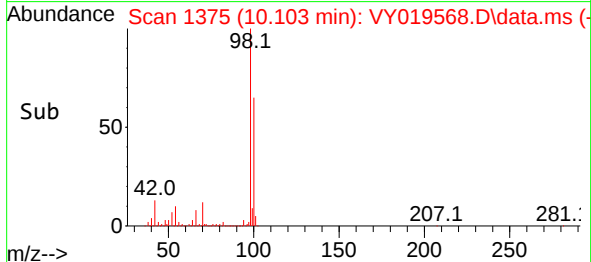
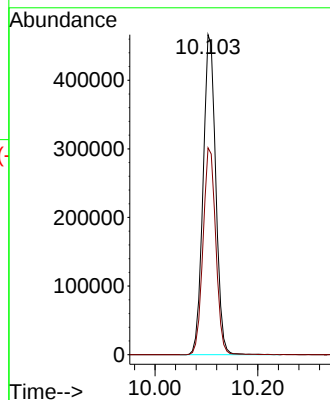
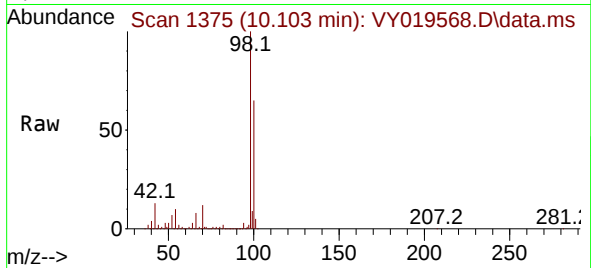




#50
Toluene-d8
Concen: 57.178 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

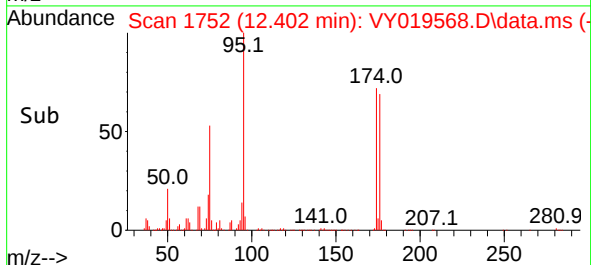
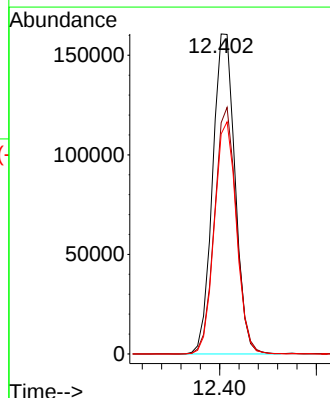
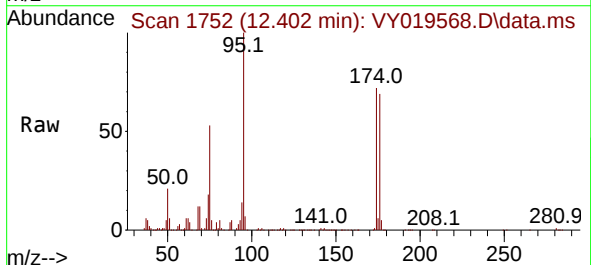
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

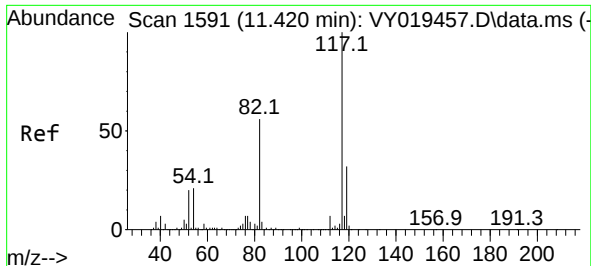
Tgt Ion: 98 Resp: 795008
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.460 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Tgt Ion: 95 Resp: 259079
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 71.5 0.0 171.4

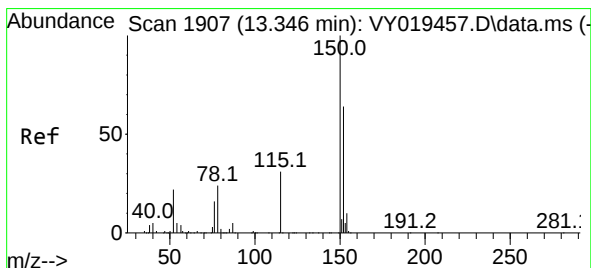
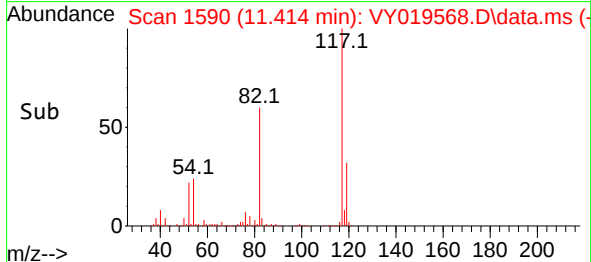
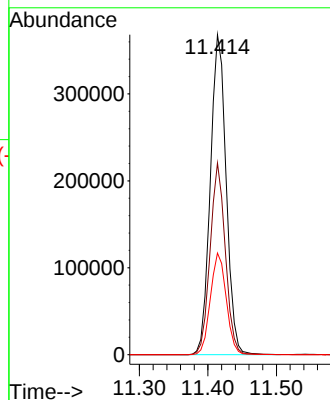
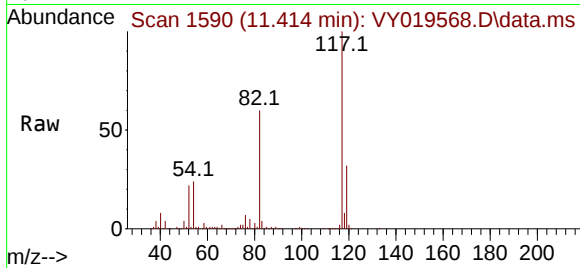




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 591583
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Tgt Ion:152 Resp: 226669
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 157.3 0.0 345.6

