

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019252.D
 Acq On : 23 Aug 2024 13:03
 Operator : SY/MD
 Sample : P3669-02RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20430RE

Quant Time: Aug 23 16:11:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	3491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	5411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	4281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	1524	43.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.100%
35) Dibromofluoromethane	7.634	113	1717	48.530	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.103	98	5921	46.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.407	95	1335	30.758	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.520%

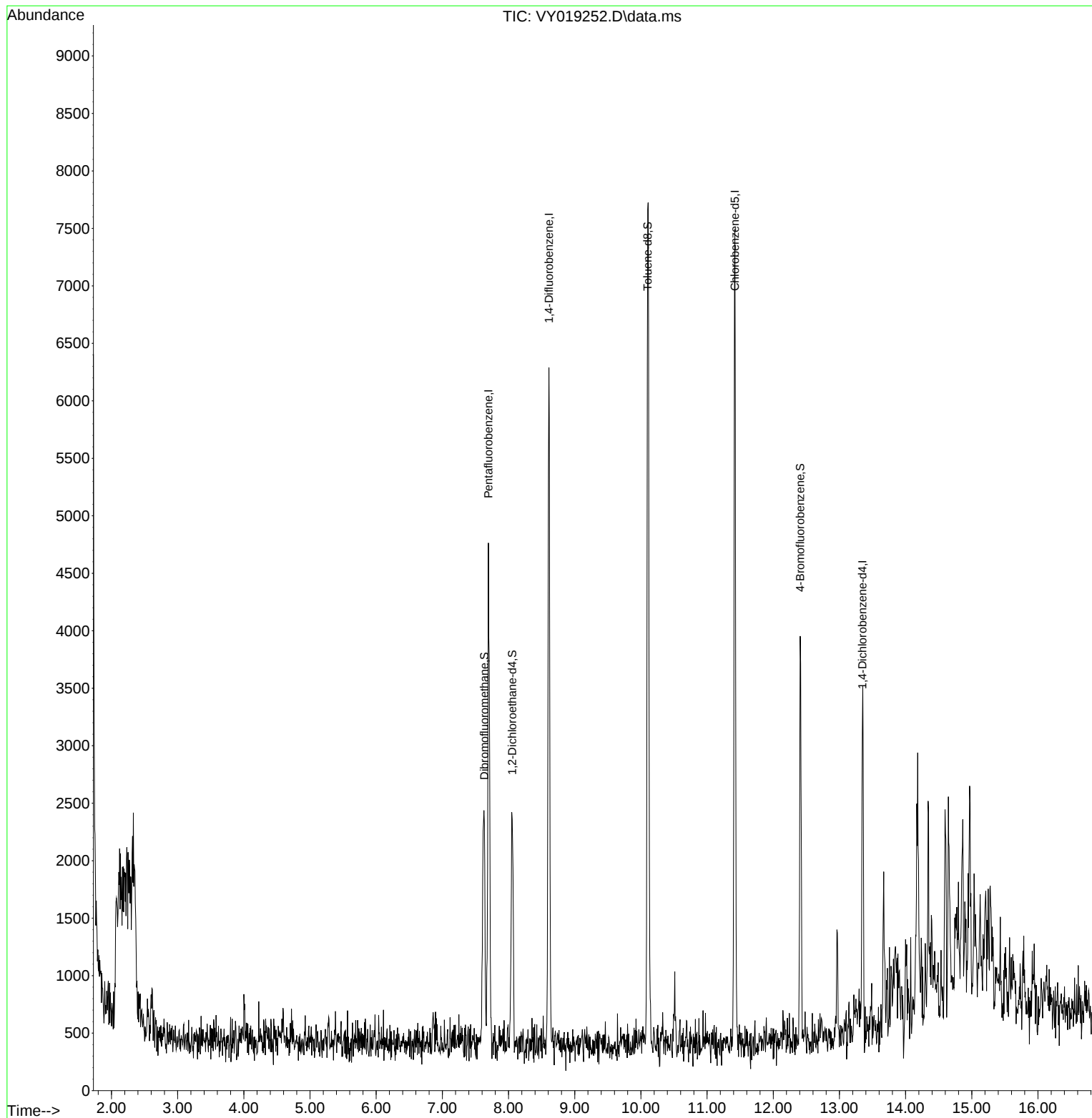
Target Compounds	Qvalue

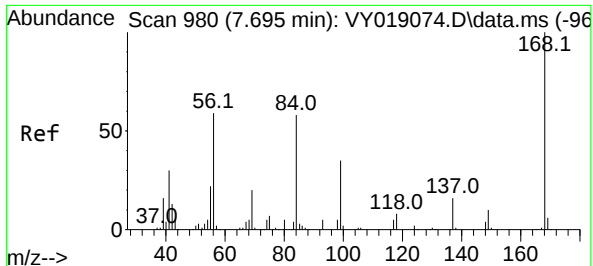
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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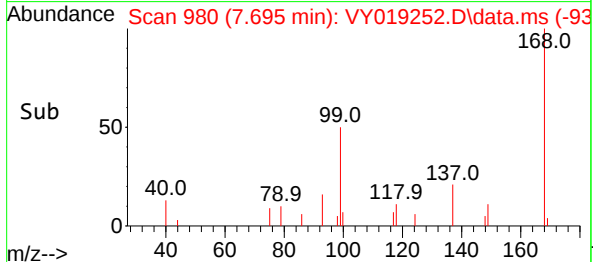
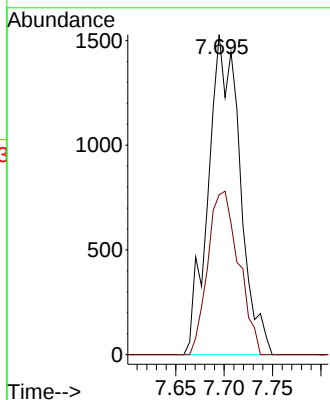
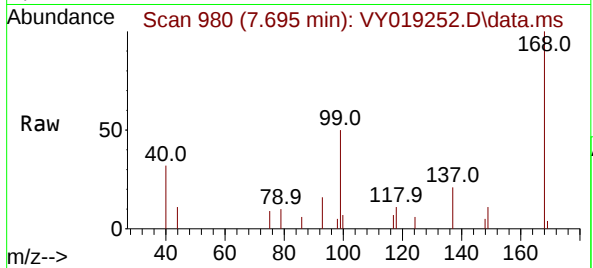




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019252.D
Acq: 23 Aug 2024 13:03

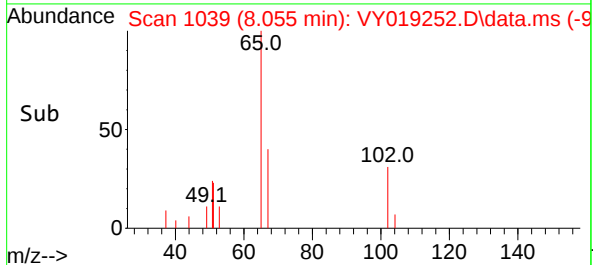
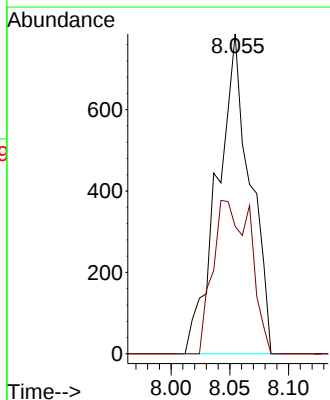
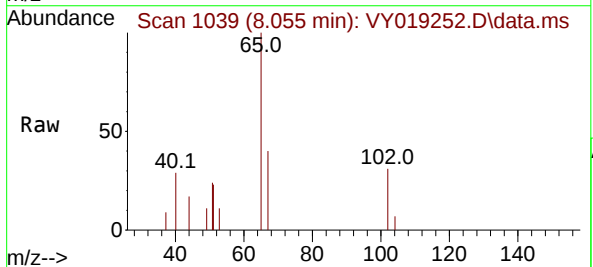
Instrument :
MSVOA_Y
ClientSampleId :
20430RE

Tgt Ion:168 Resp: 3491
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.550 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019252.D
Acq: 23 Aug 2024 13:03

Tgt Ion: 65 Resp: 1524
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019252.D

Acq: 23 Aug 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

20430RE

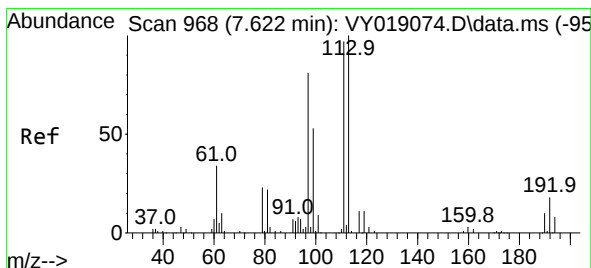
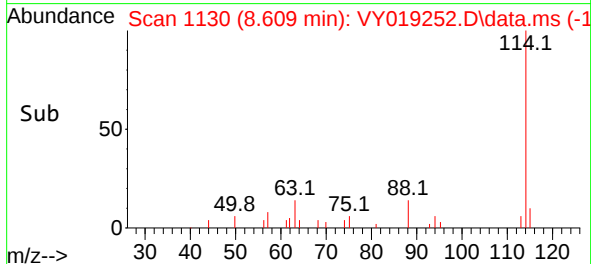
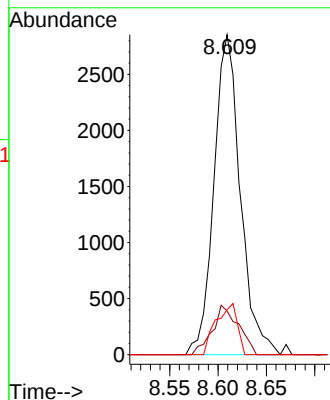
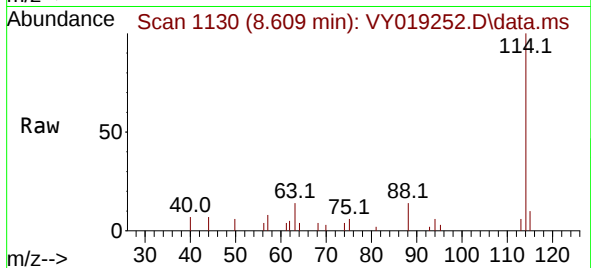
Tgt Ion:114 Resp: 5411

Ion Ratio Lower Upper

114 100

63 13.6 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.530 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY019252.D

Acq: 23 Aug 2024 13:03

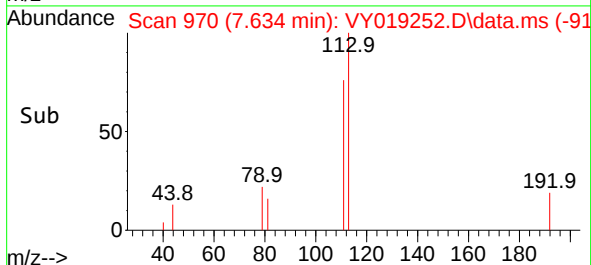
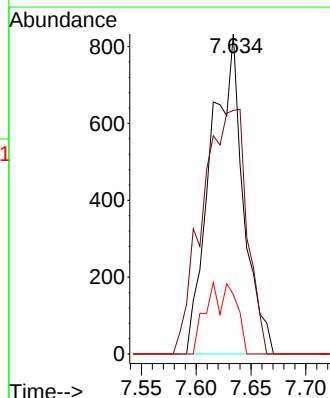
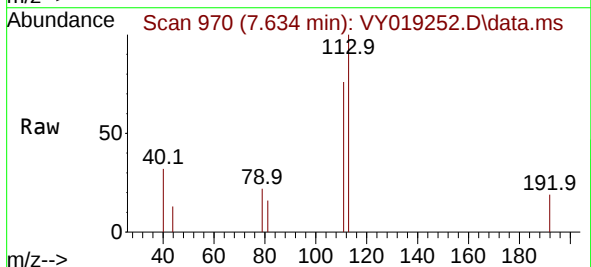
Tgt Ion:113 Resp: 1717

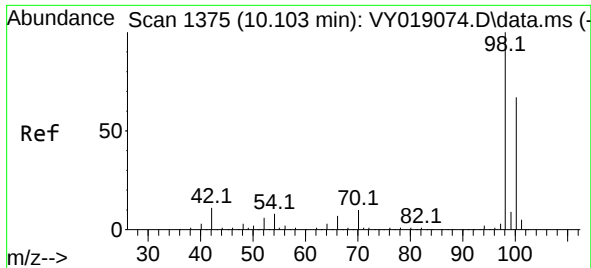
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 0.0 15.9 23.9#

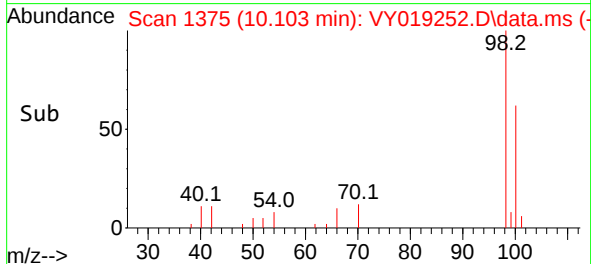
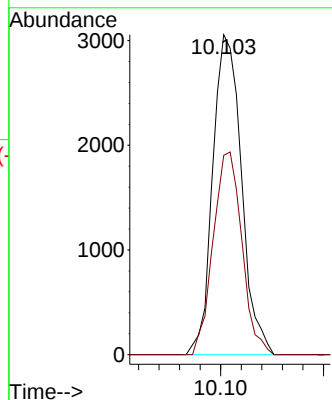
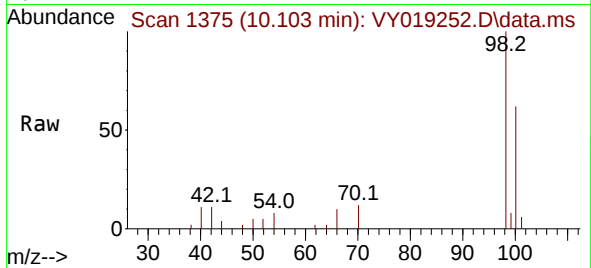




#50
Toluene-d8
Concen: 46.504 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019252.D
Acq: 23 Aug 2024 13:03

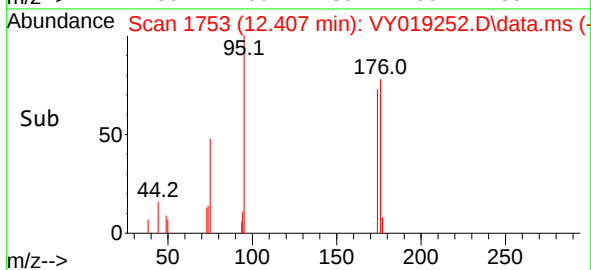
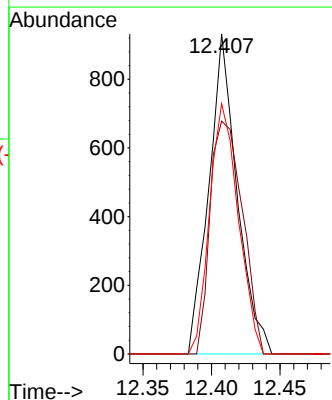
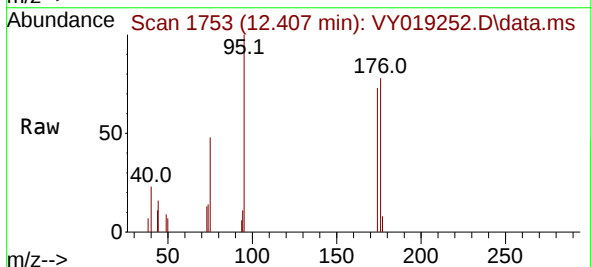
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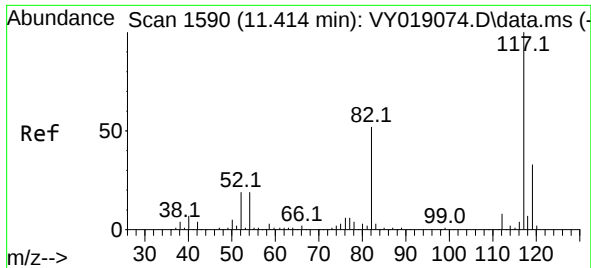
Tgt Ion: 98 Resp: 5921
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.758 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019252.D
Acq: 23 Aug 2024 13:03

Tgt Ion: 95 Resp: 1335
Ion Ratio Lower Upper
95 100
174 83.4 0.0 175.6
176 79.4 0.0 171.4

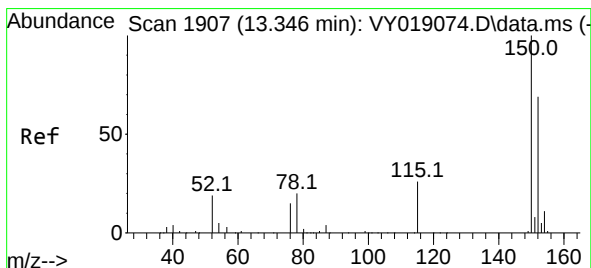
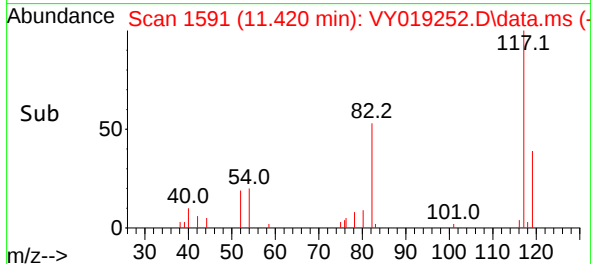
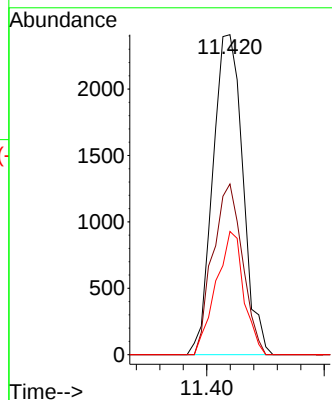
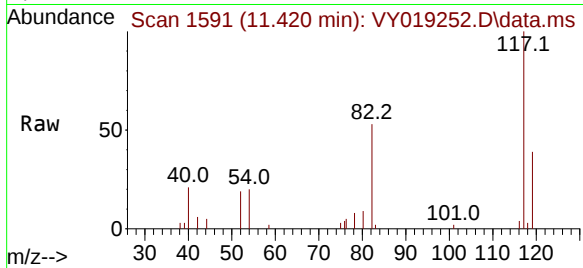




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019252.D
Acq: 23 Aug 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :
20430RE

Tgt Ion:117	Resp:	4281
Ion	Ratio	Lower Upper
117	100	
82	53.3	42.4 63.6
119	38.5	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019252.D
Acq: 23 Aug 2024 13:03

Tgt Ion:152	Resp:	1063
Ion	Ratio	Lower Upper
152	100	
115	51.3	28.2 84.7
150	132.5	0.0 345.6

