

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020251.D
 Acq On : 11 Nov 2024 16:22
 Operator : SY/MD
 Sample : P4788-03
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-G3-VOC

Quant Time: Nov 11 23:18:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	176161	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	382066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	352320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128332	58.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.740%	
35) Dibromofluoromethane	7.634	113	124943	51.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.109	98	475150	49.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	12.408	95	147420	46.939	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.880%	

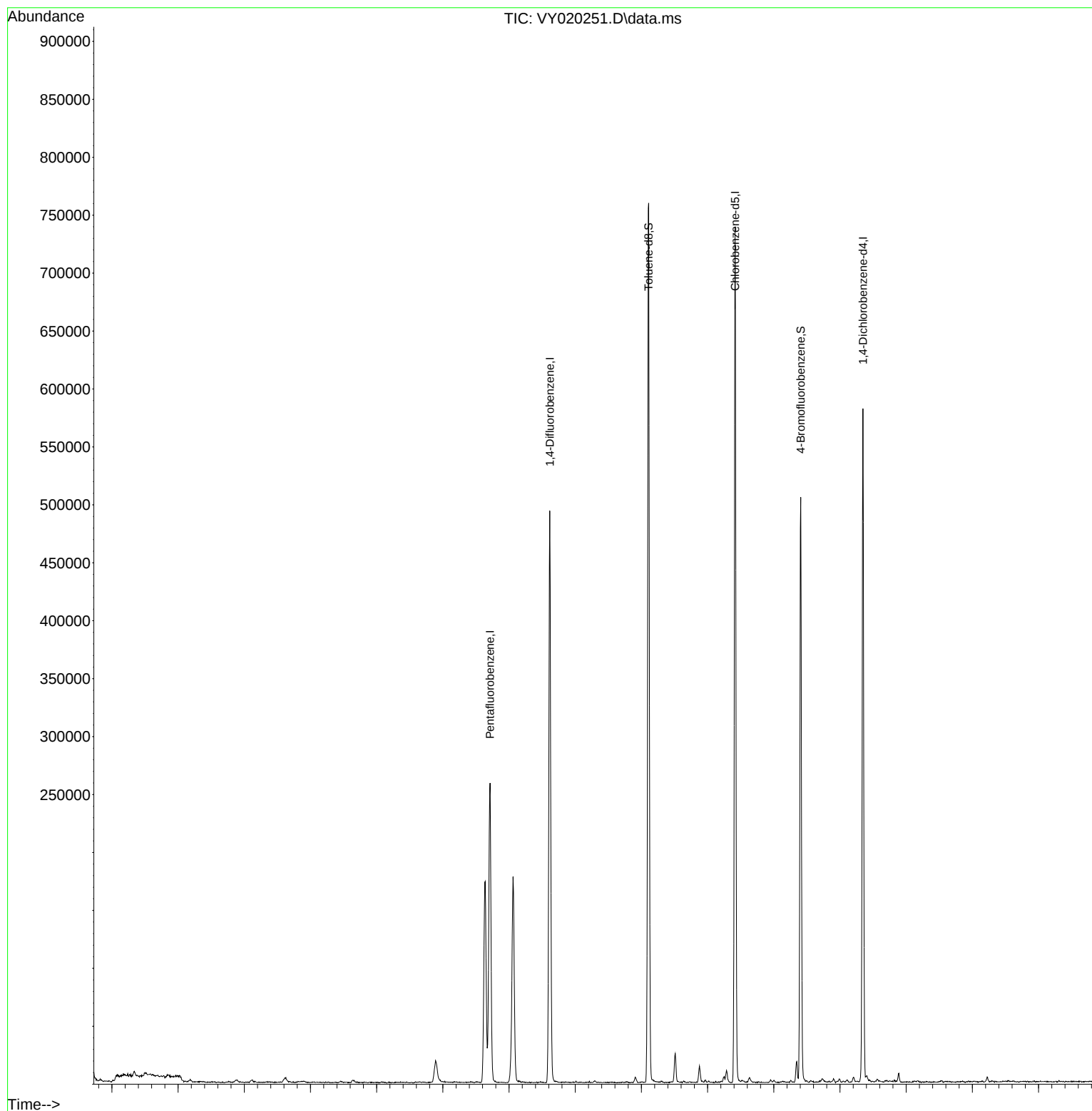
Target Compounds Qvalue

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

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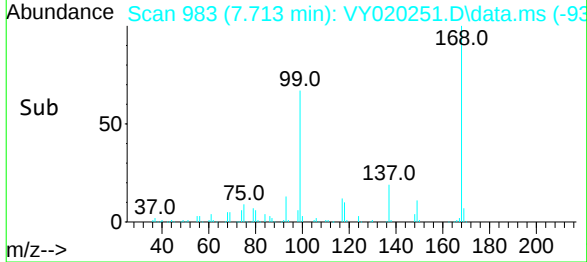
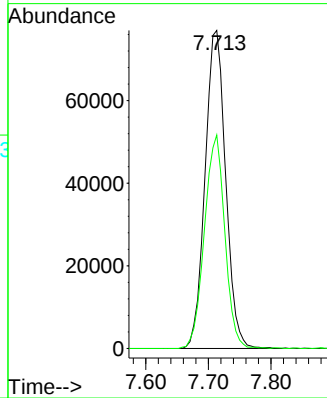
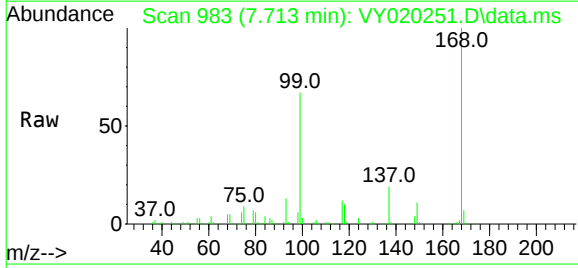




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020251.D
Acq: 11 Nov 2024 16:22

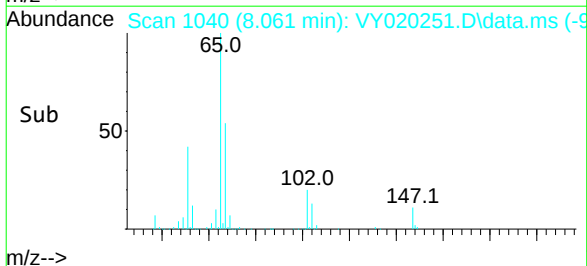
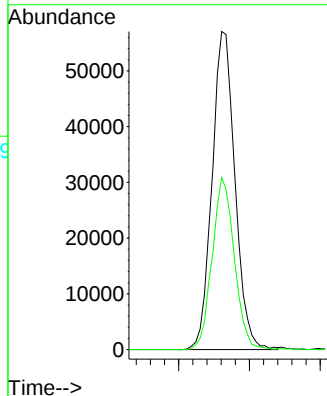
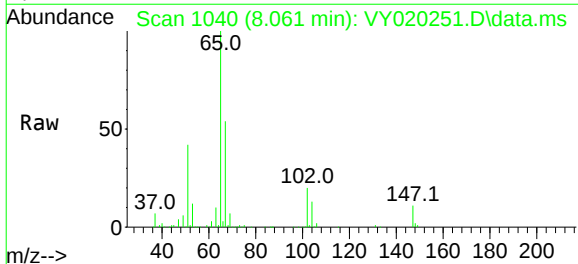
Instrument :
MSVOA_Y
ClientSampleId :
BP-G3-VOC

Tgt Ion:168 Resp: 176161
Ion Ratio Lower Upper
168 100
99 67.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.370 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020251.D
Acq: 11 Nov 2024 16:22

Tgt Ion: 65 Resp: 128332
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

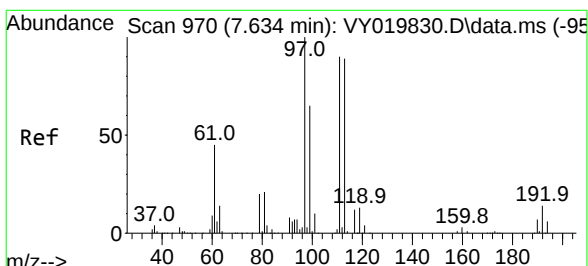
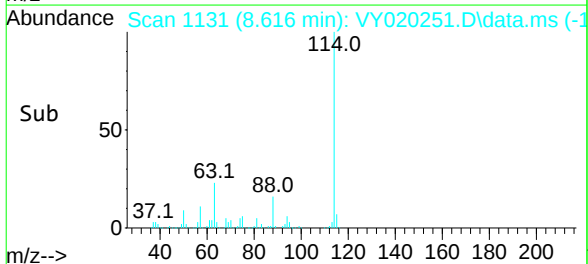
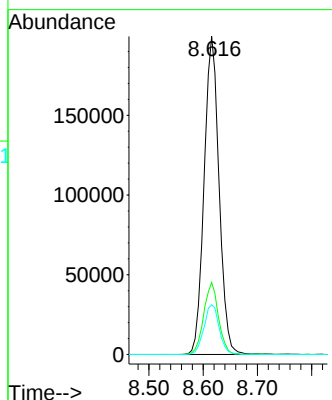
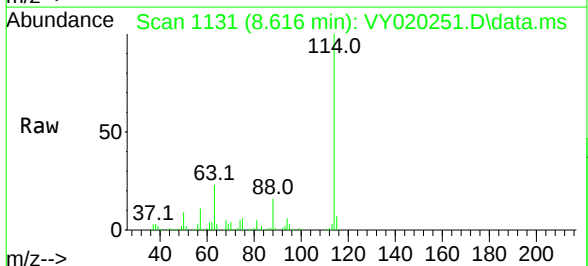




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020251.D
 Acq: 11 Nov 2024 16:22

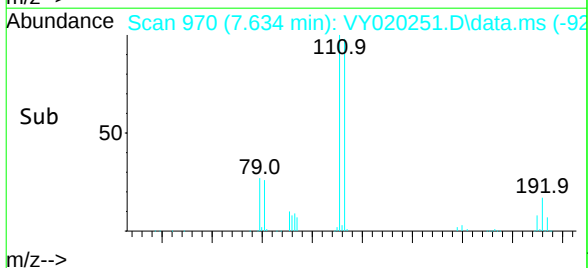
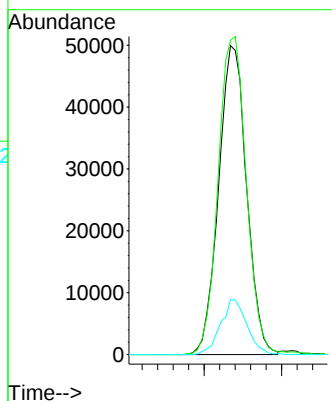
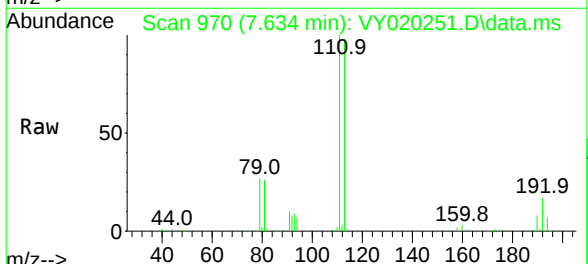
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-G3-VOC

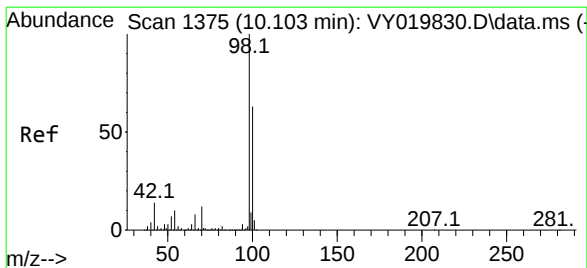
Tgt Ion:	114	Resp:	382066
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	35.0
88	15.7	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 51.435 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020251.D
 Acq: 11 Nov 2024 16:22

Tgt Ion:	113	Resp:	124943
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 49.140 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020251.D

Acq: 11 Nov 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

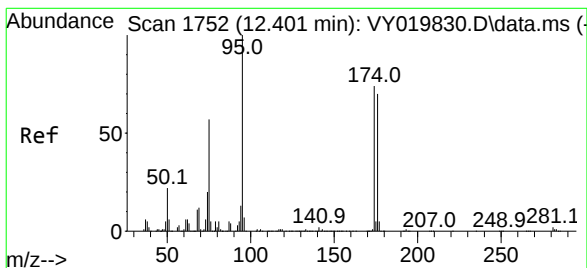
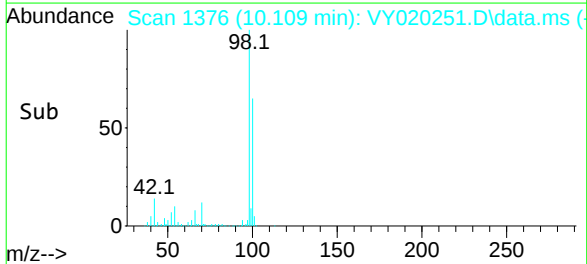
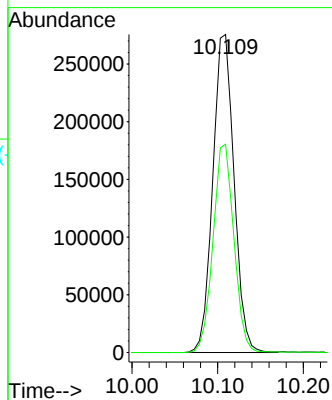
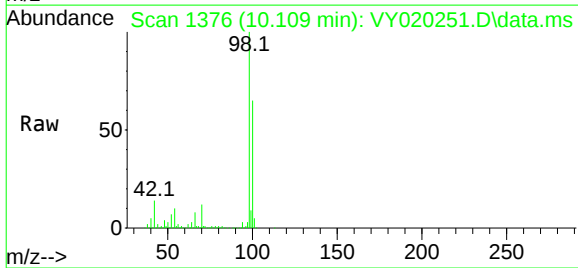
BP-G3-VOC

Tgt Ion: 98 Resp: 475150

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.939 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020251.D

Acq: 11 Nov 2024 16:22

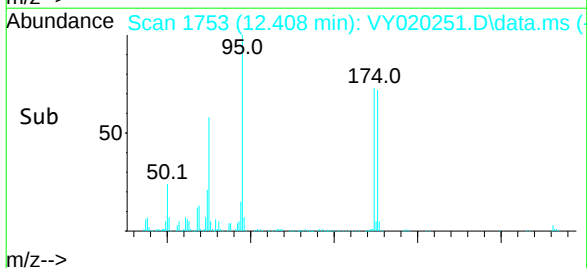
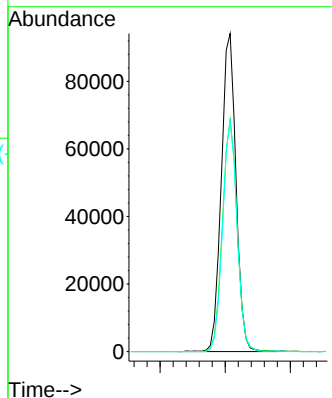
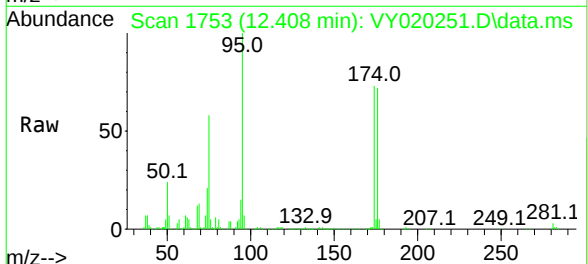
Tgt Ion: 95 Resp: 147420

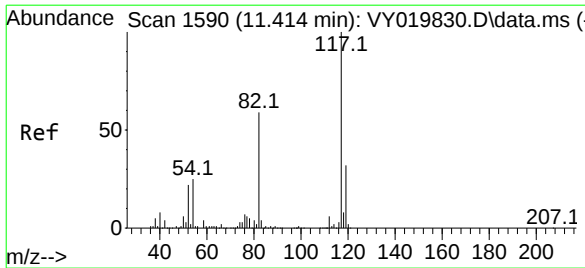
Ion Ratio Lower Upper

95 100

174 73.0 0.0 175.6

176 71.4 0.0 171.4

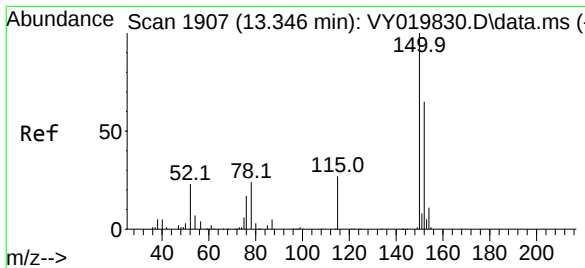
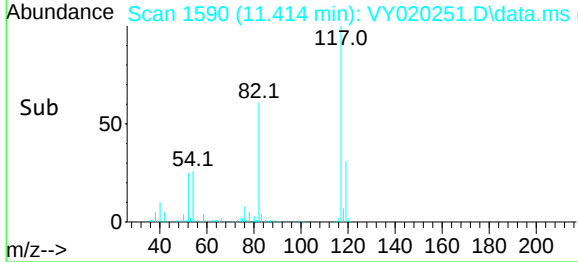
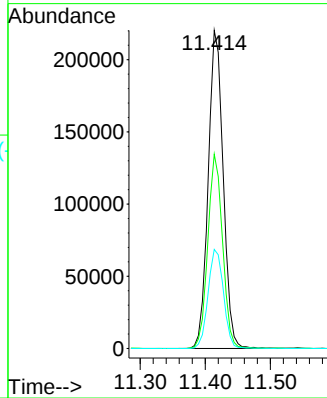
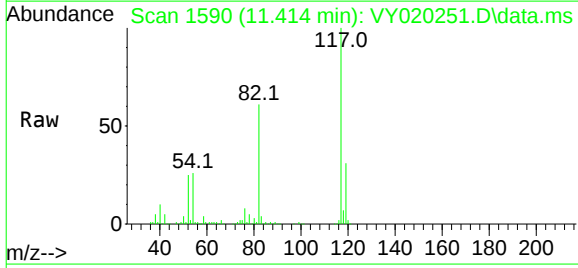




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020251.D
Acq: 11 Nov 2024 16:22

Instrument :
MSVOA_Y
ClientSampleId :
BP-G3-VOC

Tgt Ion:117 Resp: 352320
Ion Ratio Lower Upper
117 100
82 61.1 42.4 63.6
119 31.2 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: VY020251.D
Acq: 11 Nov 2024 16:22

Tgt Ion:152 Resp: 126271
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 157.7 0.0 345.6

