

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019232.D
 Acq On : 22 Aug 2024 19:59
 Operator : SY/MD
 Sample : P3670-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Aug 23 01:57:37 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	7.701	168	95400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	170661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	121746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	43602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	52228	54.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.220%
35) Dibromofluoromethane	7.628	113	53634	48.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.103	98	159330	39.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.360%
62) 4-Bromofluorobenzene	12.407	95	42873	31.318	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	62.640%

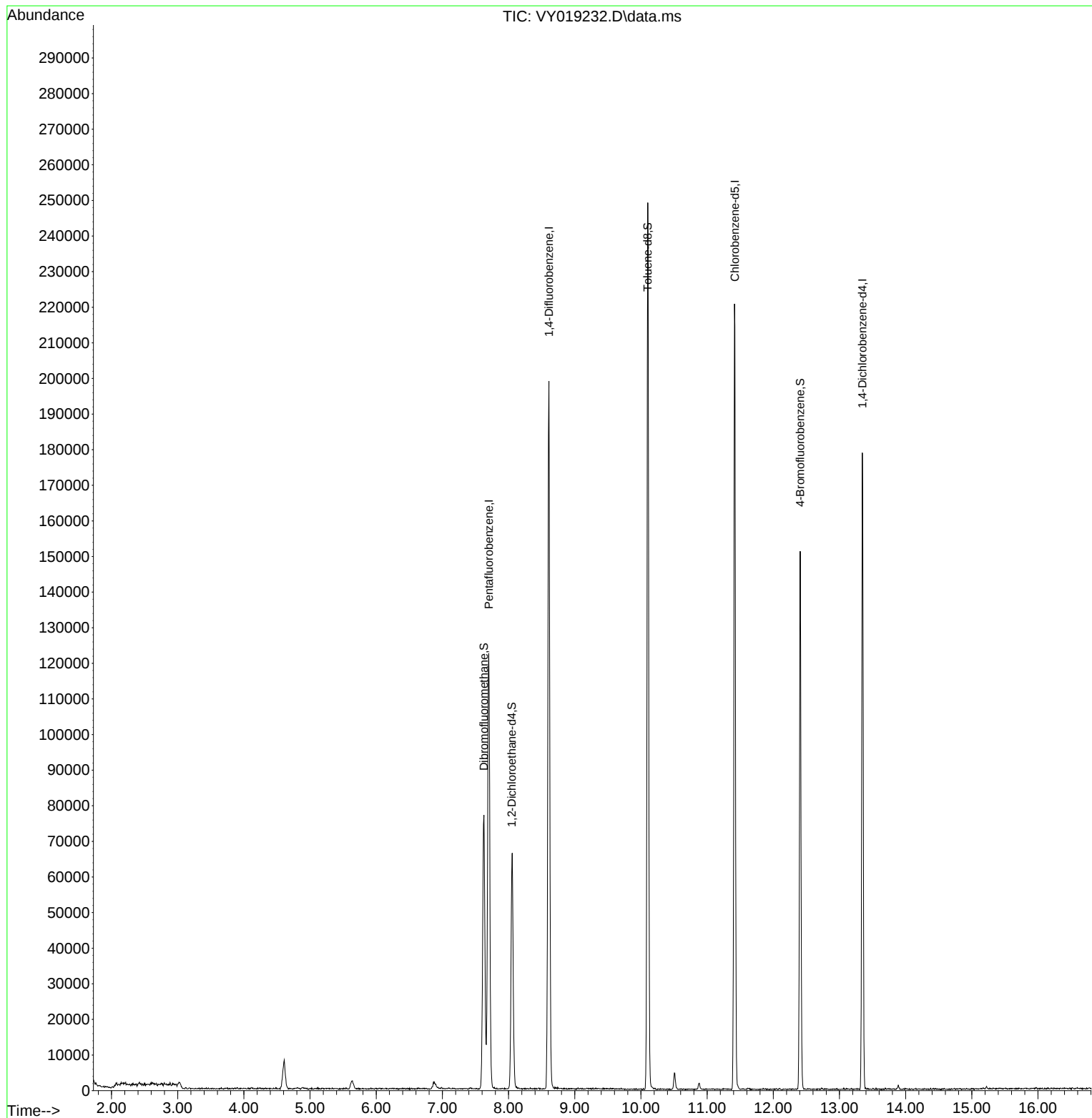
Target Compounds	Qvalue

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

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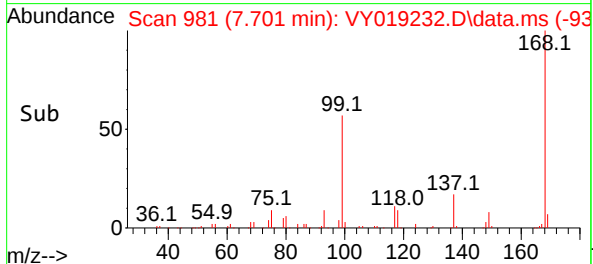
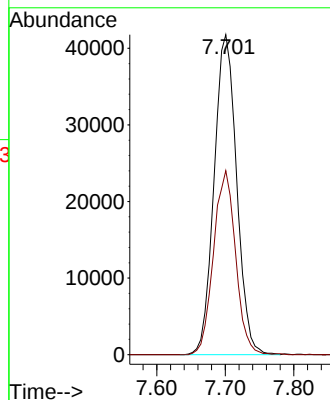
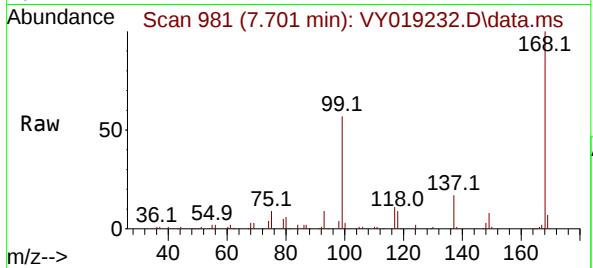




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

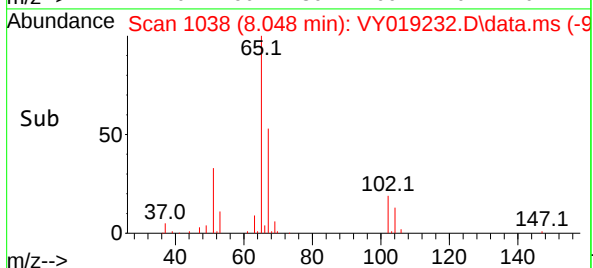
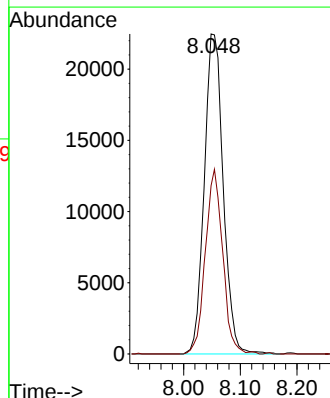
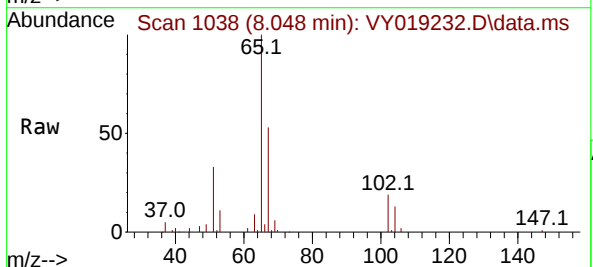
Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 95400
Ion Ratio Lower Upper
168 100
99 57.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.614 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

Tgt Ion: 65 Resp: 52228
Ion Ratio Lower Upper
65 100
67 52.9 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: VY019232.D

Acq: 22 Aug 2024 19:59

Instrument :

MSVOA_Y

ClientSampleId :

VOC

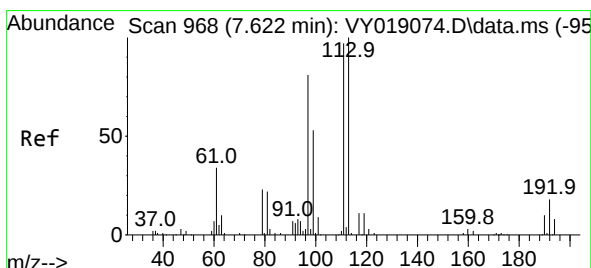
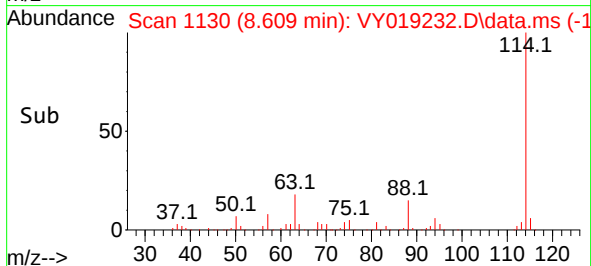
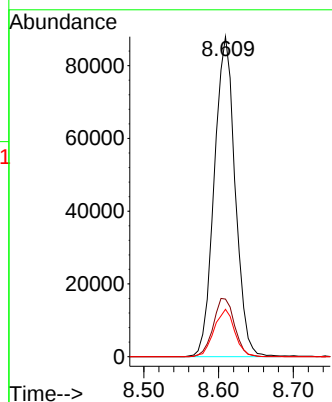
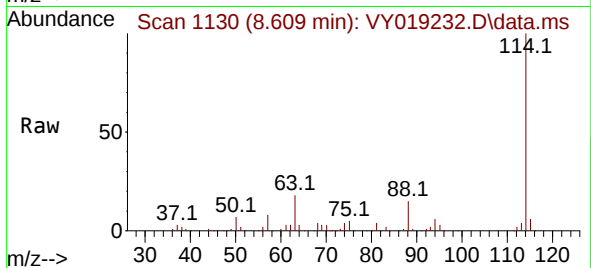
Tgt Ion:114 Resp: 170661

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.064 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019232.D

Acq: 22 Aug 2024 19:59

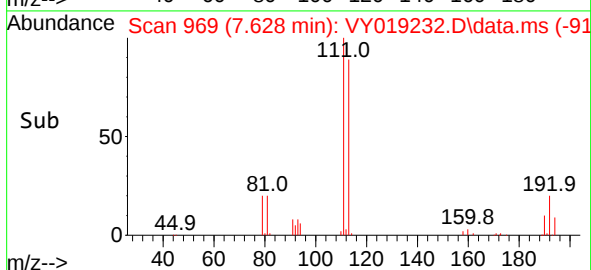
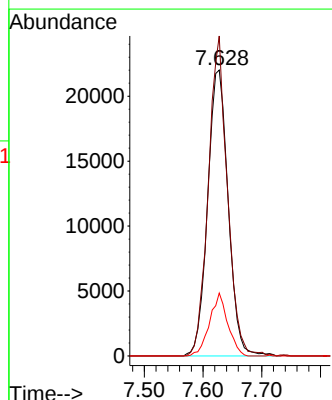
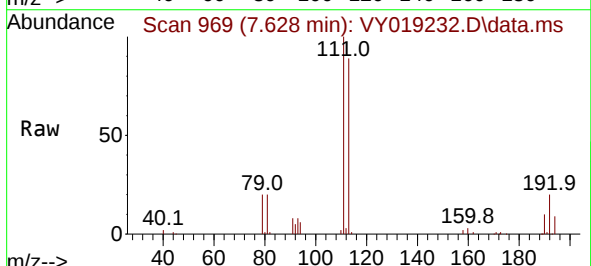
Tgt Ion:113 Resp: 53634

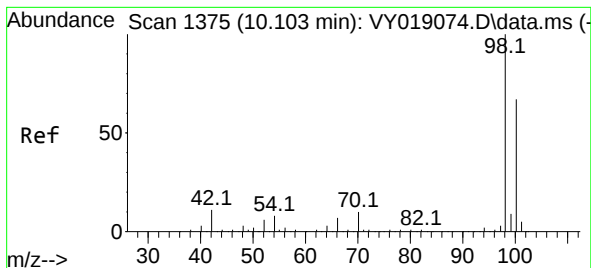
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 39.677 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019232.D

Acq: 22 Aug 2024 19:59

Instrument :

MSVOA_Y

ClientSampleId :

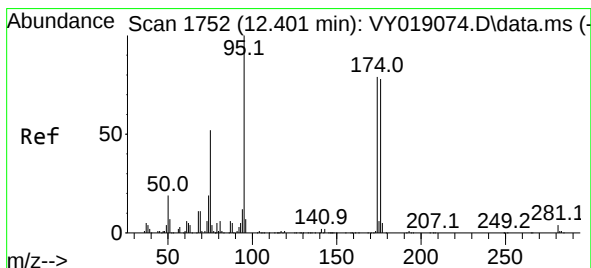
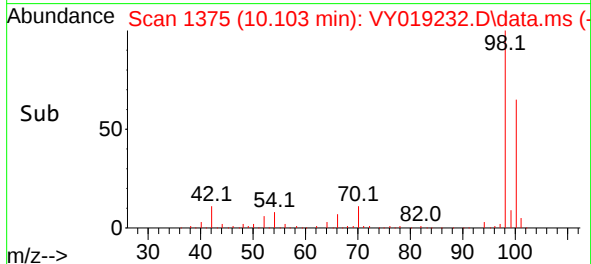
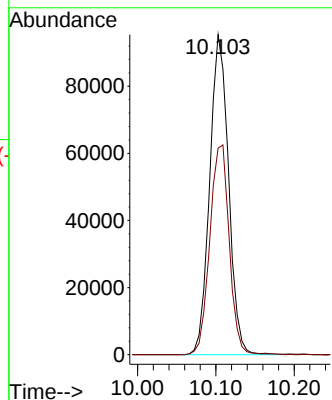
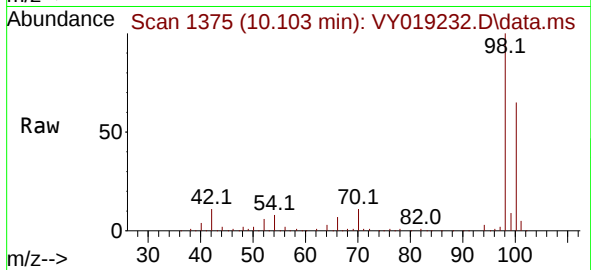
VOC

Tgt Ion: 98 Resp: 159330

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.318 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019232.D

Acq: 22 Aug 2024 19:59

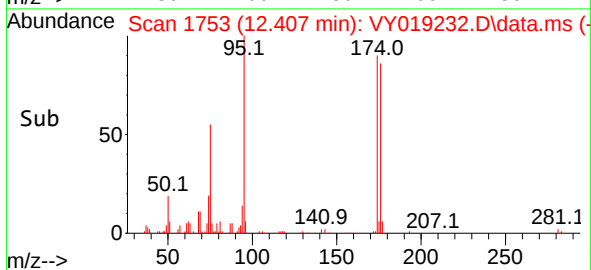
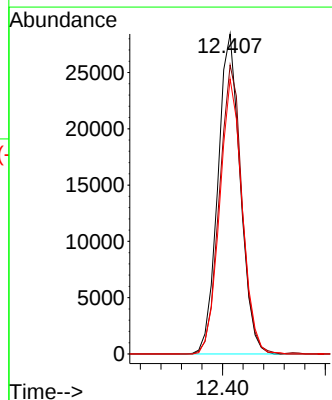
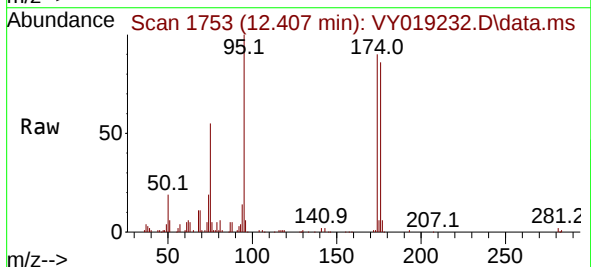
Tgt Ion: 95 Resp: 42873

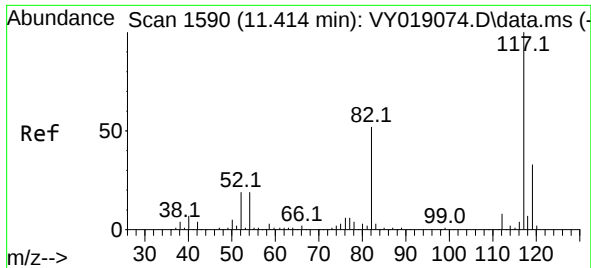
Ion Ratio Lower Upper

95 100

174 91.0 0.0 175.6

176 86.6 0.0 171.4

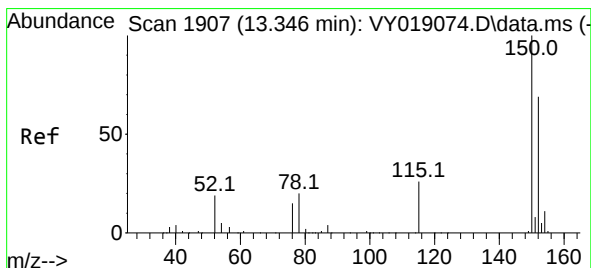
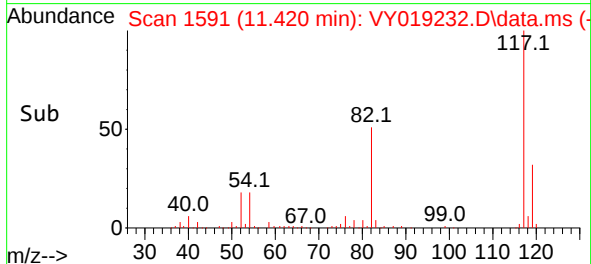
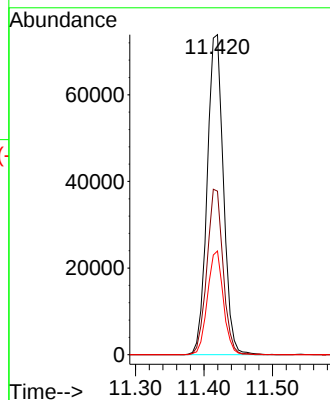
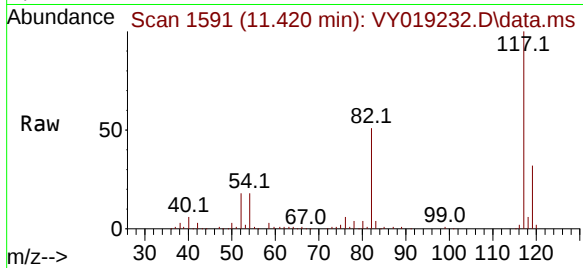




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 121746
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 32.4 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: VY019232.D
Acq: 22 Aug 2024 19:59

Tgt Ion:152 Resp: 43602
Ion Ratio Lower Upper
152 100
115 59.6 28.2 84.7
150 160.6 0.0 345.6

