

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019329.D
 Acq On : 28 Aug 2024 14:46
 Operator : SY/MD
 Sample : P3717-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Aug 29 01:34:18 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	135002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	196310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	84988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	68417	50.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.120%
35) Dibromofluoromethane	7.622	113	74902	58.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.700%
50) Toluene-d8	10.103	98	235462	50.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.407	95	85112	54.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	108.100%

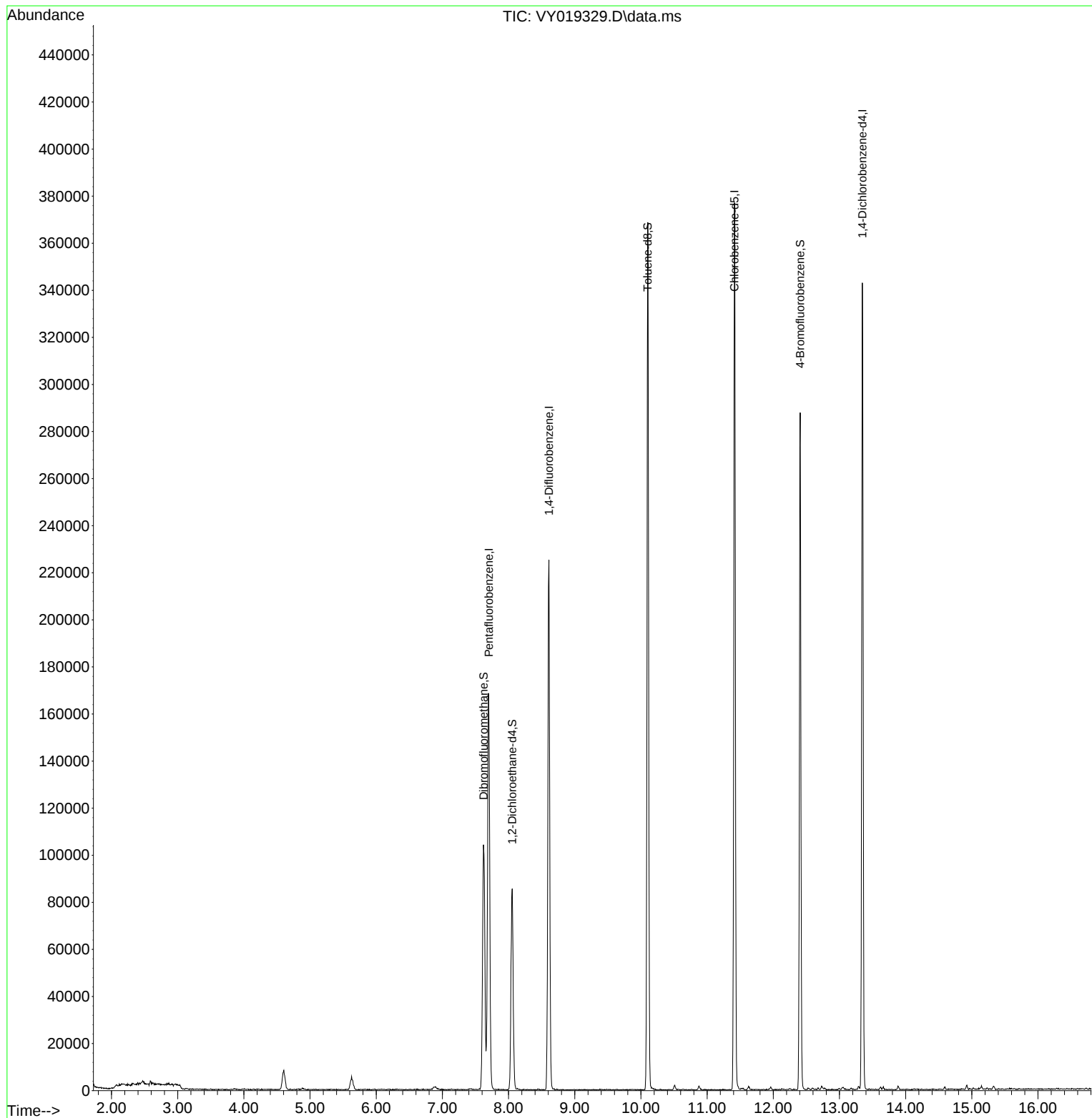
Target Compounds	Qvalue

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

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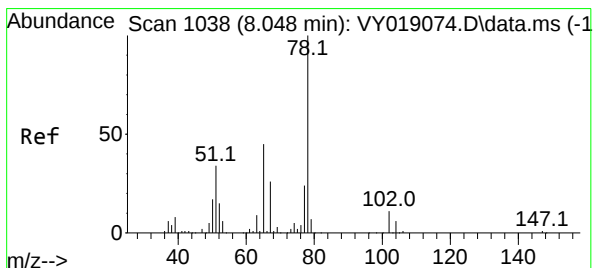
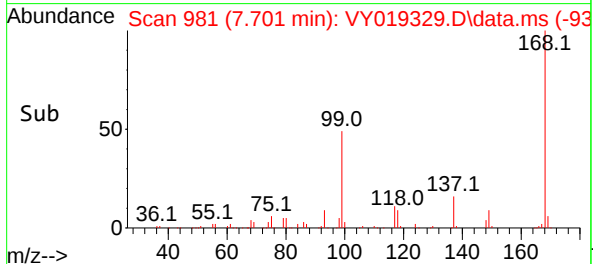
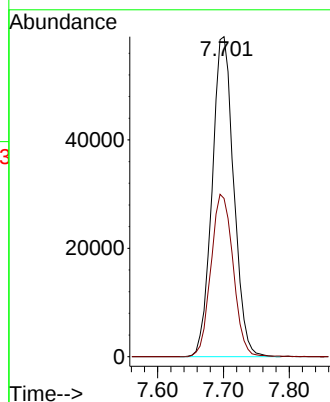
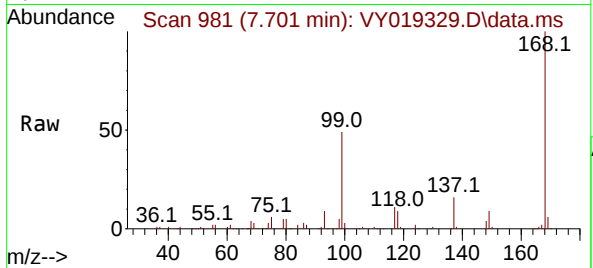




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019329.D
Acq: 28 Aug 2024 14:46

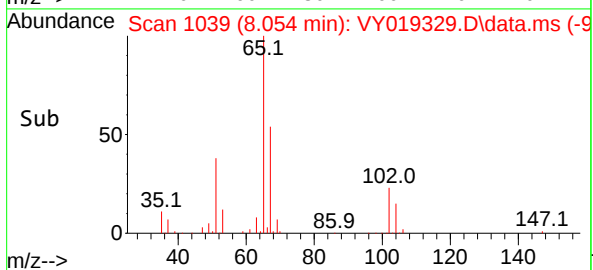
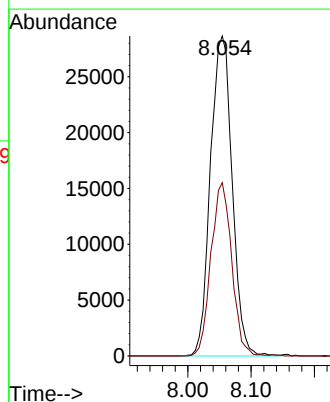
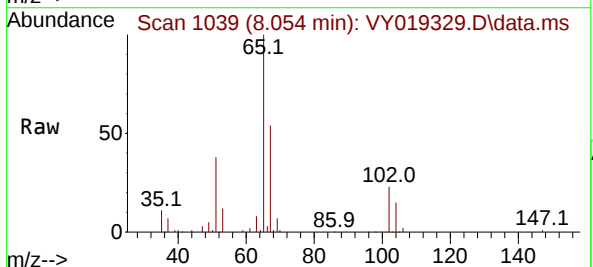
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 135002
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.556 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019329.D
Acq: 28 Aug 2024 14:46

Tgt Ion: 65 Resp: 68417
Ion Ratio Lower Upper
65 100
67 51.6 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: VY019329.D

Acq: 28 Aug 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

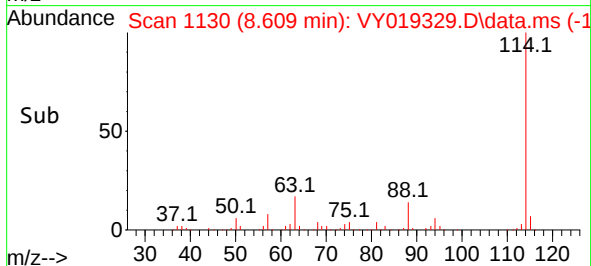
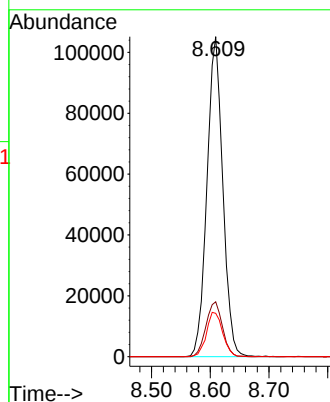
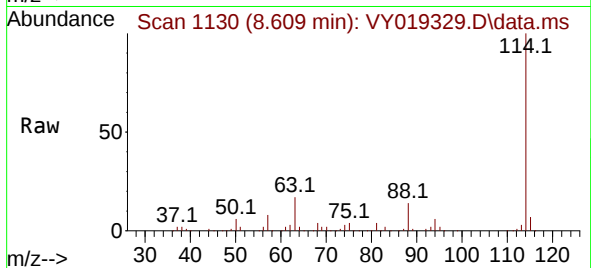
Tgt Ion:114 Resp: 196310

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.353 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019329.D

Acq: 28 Aug 2024 14:46

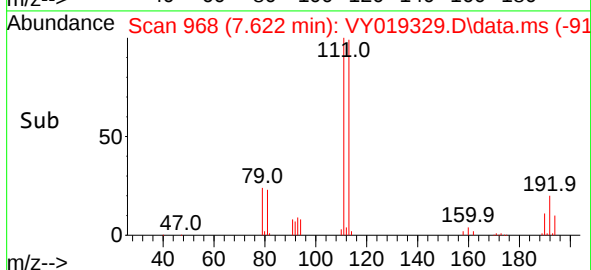
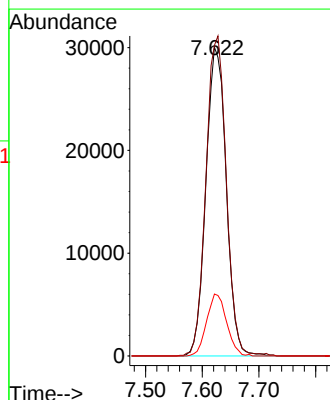
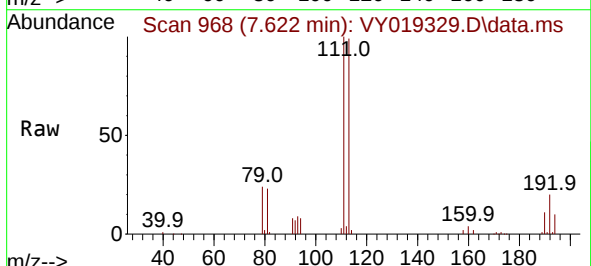
Tgt Ion:113 Resp: 74902

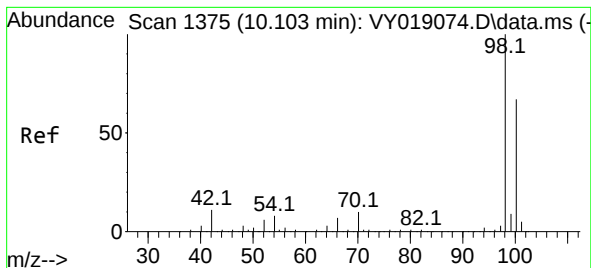
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 19.7 15.9 23.9





#50

Toluene-d8

Concen: 50.975 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019329.D

Acq: 28 Aug 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

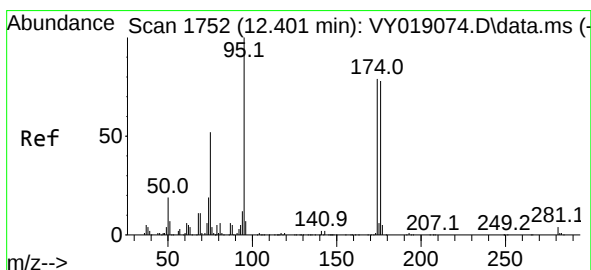
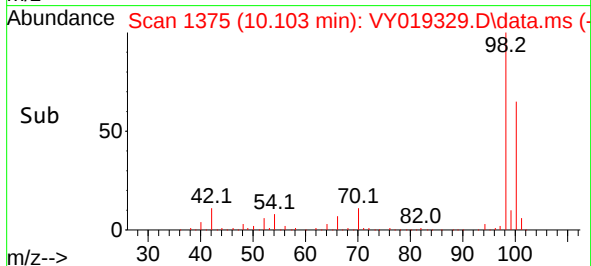
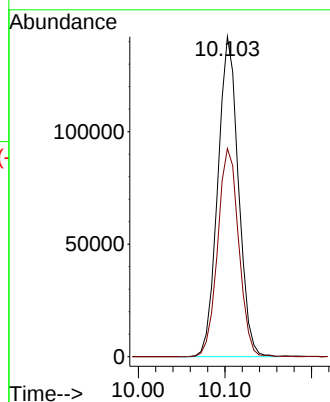
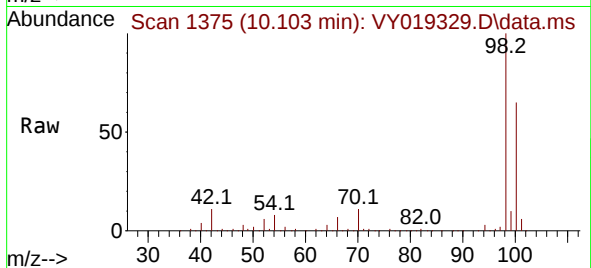
TP-2

Tgt Ion: 98 Resp: 235462

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.050 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019329.D

Acq: 28 Aug 2024 14:46

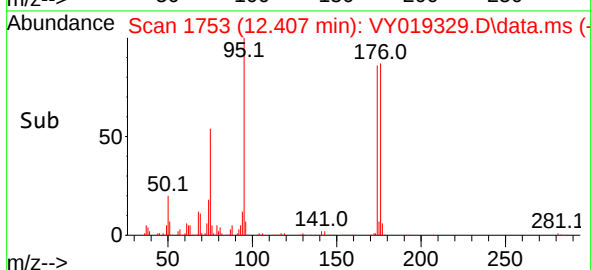
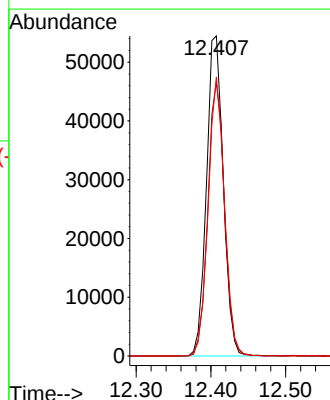
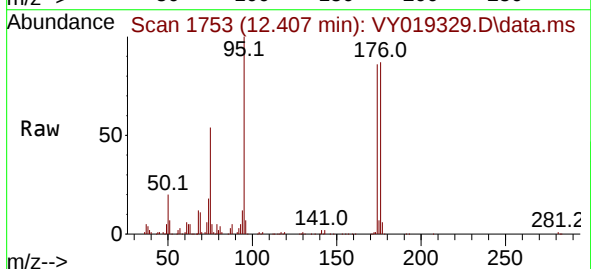
Tgt Ion: 95 Resp: 85112

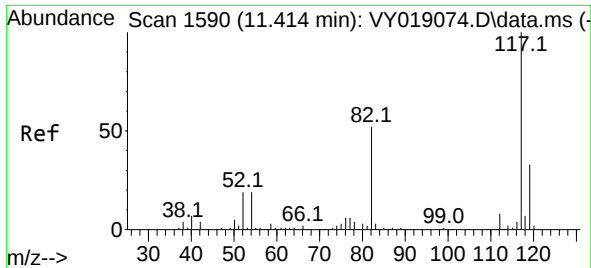
Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.6

176 83.9 0.0 171.4

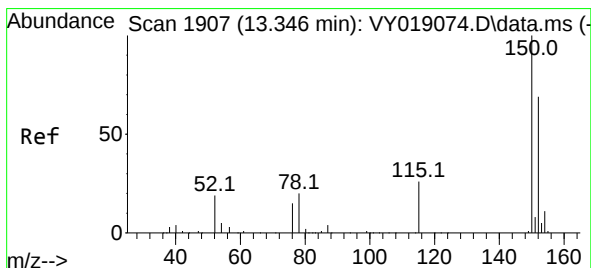
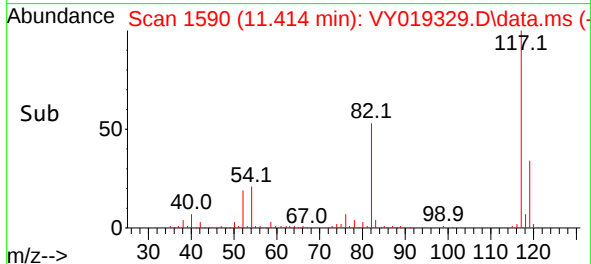
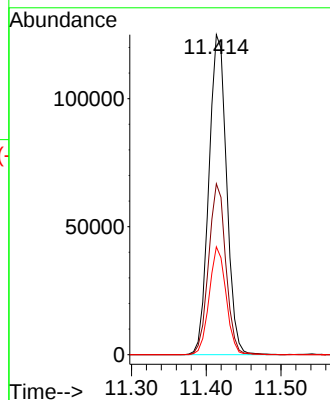
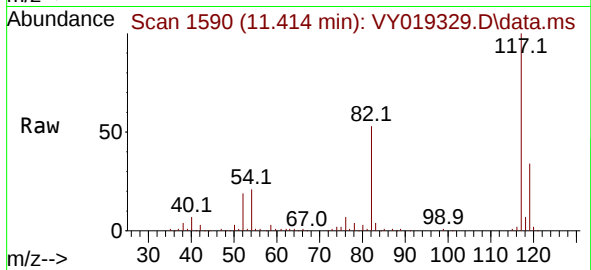




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019329.D
Acq: 28 Aug 2024 14:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 205909
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 33.7 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: VY019329.D
Acq: 28 Aug 2024 14:46

Tgt Ion:152 Resp: 84988
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 156.4 0.0 345.6

