

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019225.D
 Acq On : 22 Aug 2024 17:09
 Operator : SY/MD
 Sample : P3671-05RE
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-911-K1-SO-0-0.5-081924-FDRE

Quant Time: Aug 23 01:55:17 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	91577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	154668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	110605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	28511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	49496	53.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.840%
35) Dibromofluoromethane	7.622	113	49146	48.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.103	98	164354	45.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.407	95	35470	28.590	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	57.180%

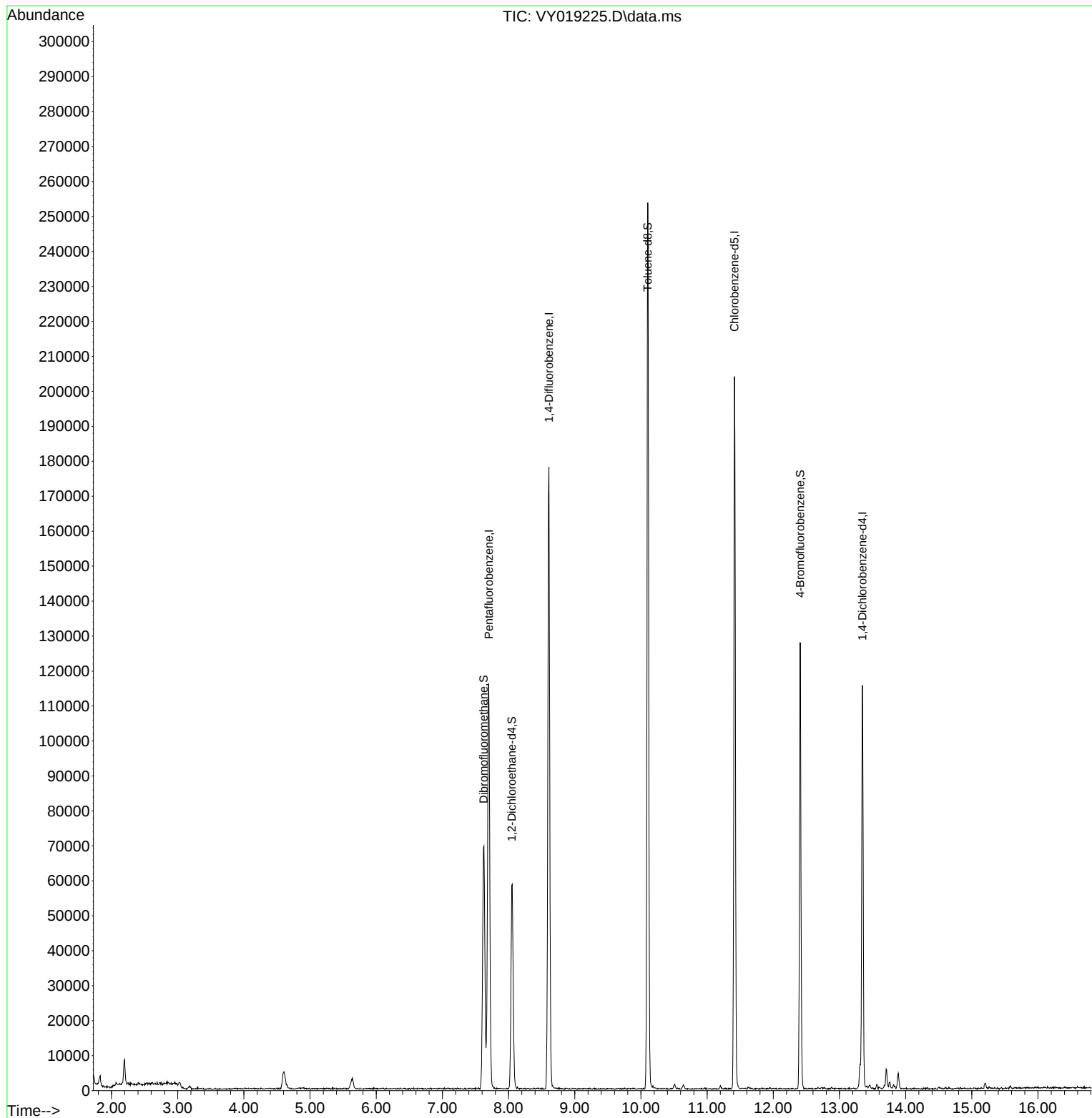
Target Compounds	Qvalue

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

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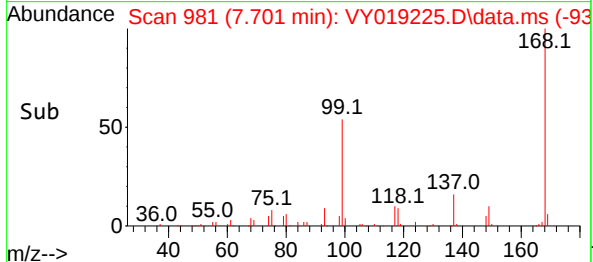
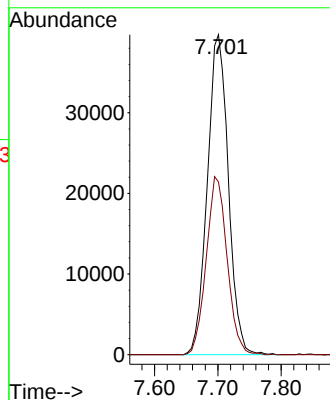
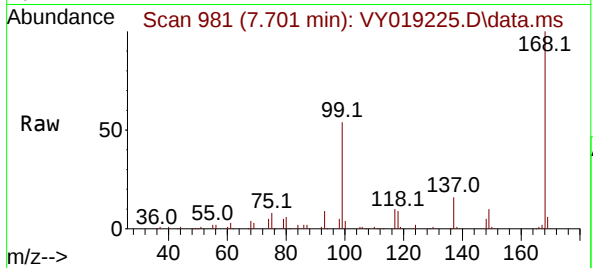




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

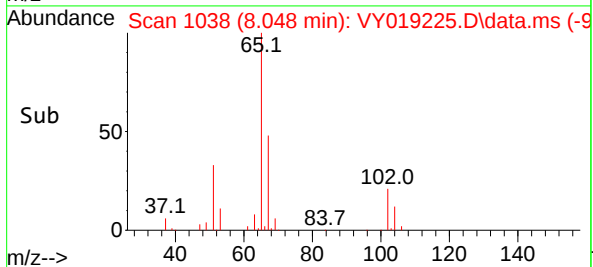
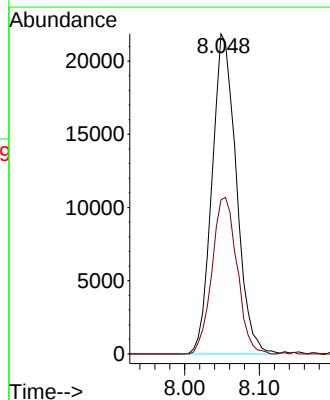
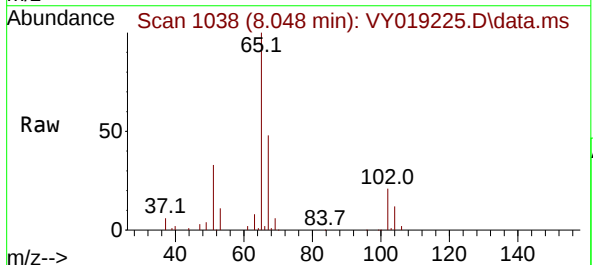
Instrument :
MSVOA_Y
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FDRE

Tgt Ion:168 Resp: 91577
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.918 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Tgt Ion: 65 Resp: 49496
Ion Ratio Lower Upper
65 100
67 50.4 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: VY019225.D

Acq: 22 Aug 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

S-911-K1-SO-0-0.5-081924-FDRE

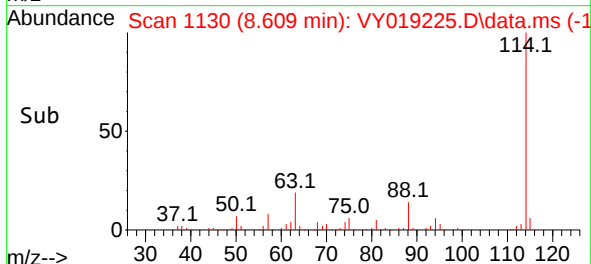
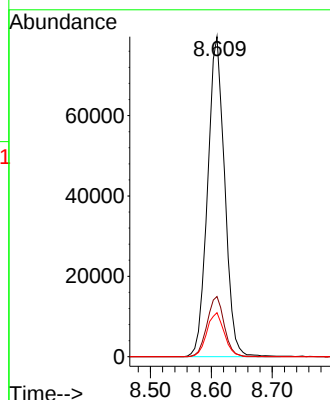
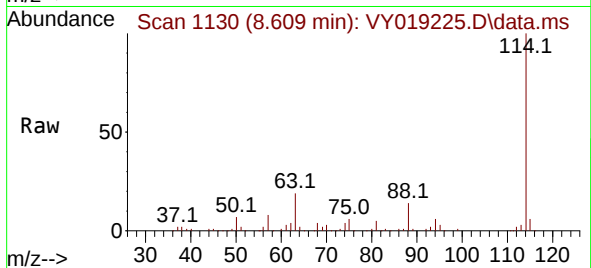
Tgt Ion:114 Resp: 154668

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.596 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019225.D

Acq: 22 Aug 2024 17:09

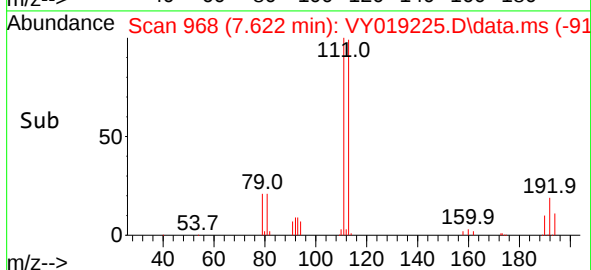
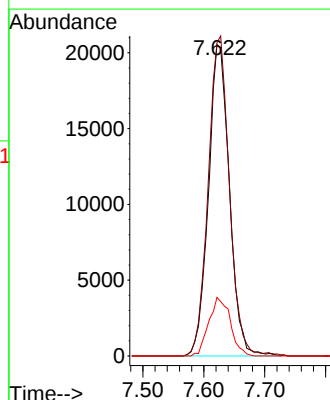
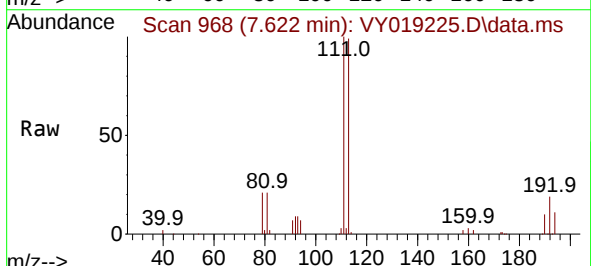
Tgt Ion:113 Resp: 49146

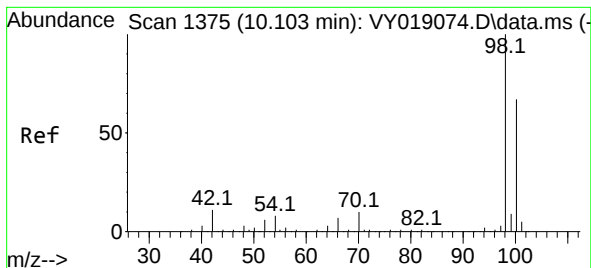
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 19.3 15.9 23.9





#50

Toluene-d8

Concen: 45.160 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019225.D

Acq: 22 Aug 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

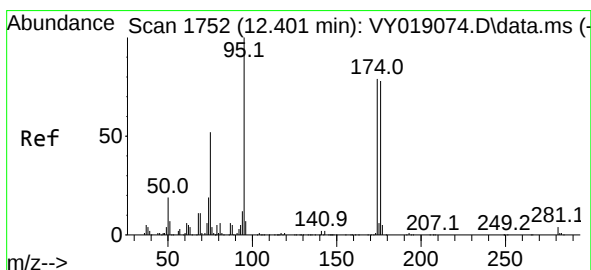
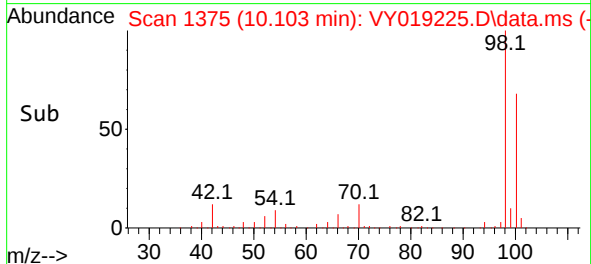
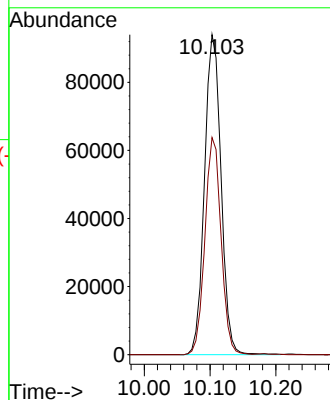
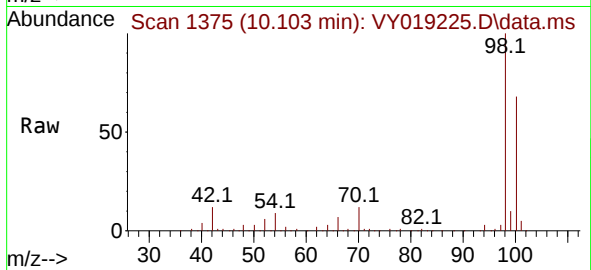
S-911-K1-SO-0-0.5-081924-FDRE

Tgt Ion: 98 Resp: 164354

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 28.590 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019225.D

Acq: 22 Aug 2024 17:09

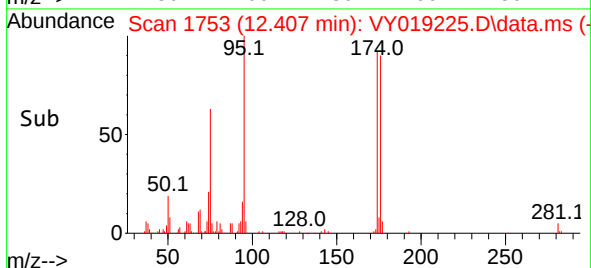
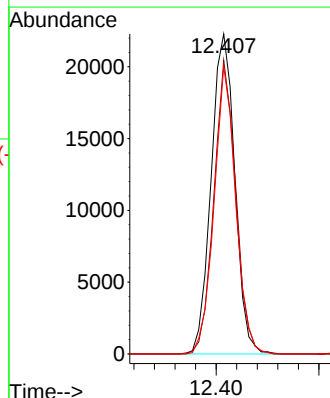
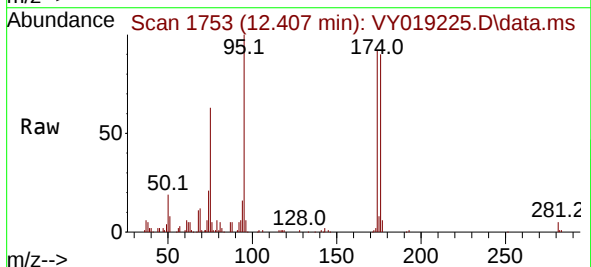
Tgt Ion: 95 Resp: 35470

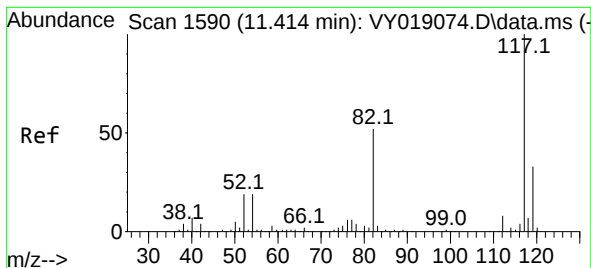
Ion Ratio Lower Upper

95 100

174 85.3 0.0 175.6

176 82.4 0.0 171.4

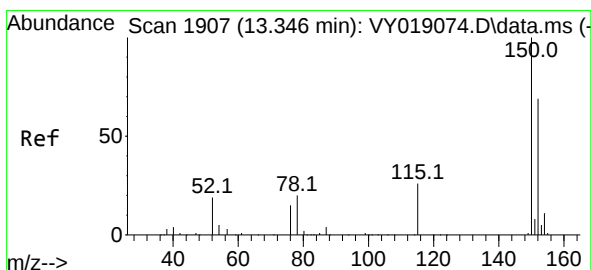
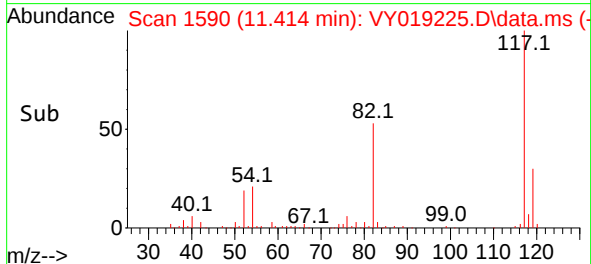
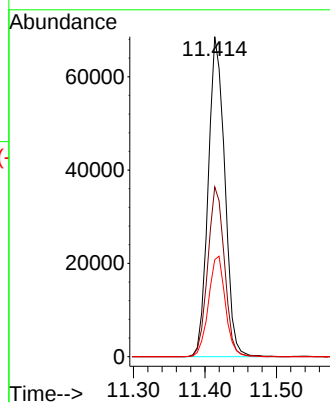
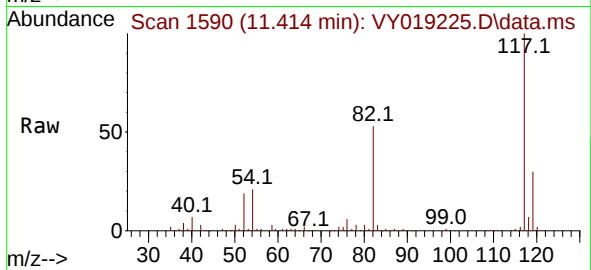




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FDRE

Tgt Ion:117 Resp: 110605
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 30.4 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: VY019225.D
Acq: 22 Aug 2024 17:09

Tgt Ion:152 Resp: 28511
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 154.7 0.0 345.6

