

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019339.D
 Acq On : 28 Aug 2024 18:58
 Operator : SY/MD
 Sample : P3732-01
 Misc : 7.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UI-1

Quant Time: Aug 29 01:38:01 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	147231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	259908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	244821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	93375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	84458	57.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.460%
35) Dibromofluoromethane	7.622	113	85571	50.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.103	98	301482	49.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.402	95	95282	45.703	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.400%

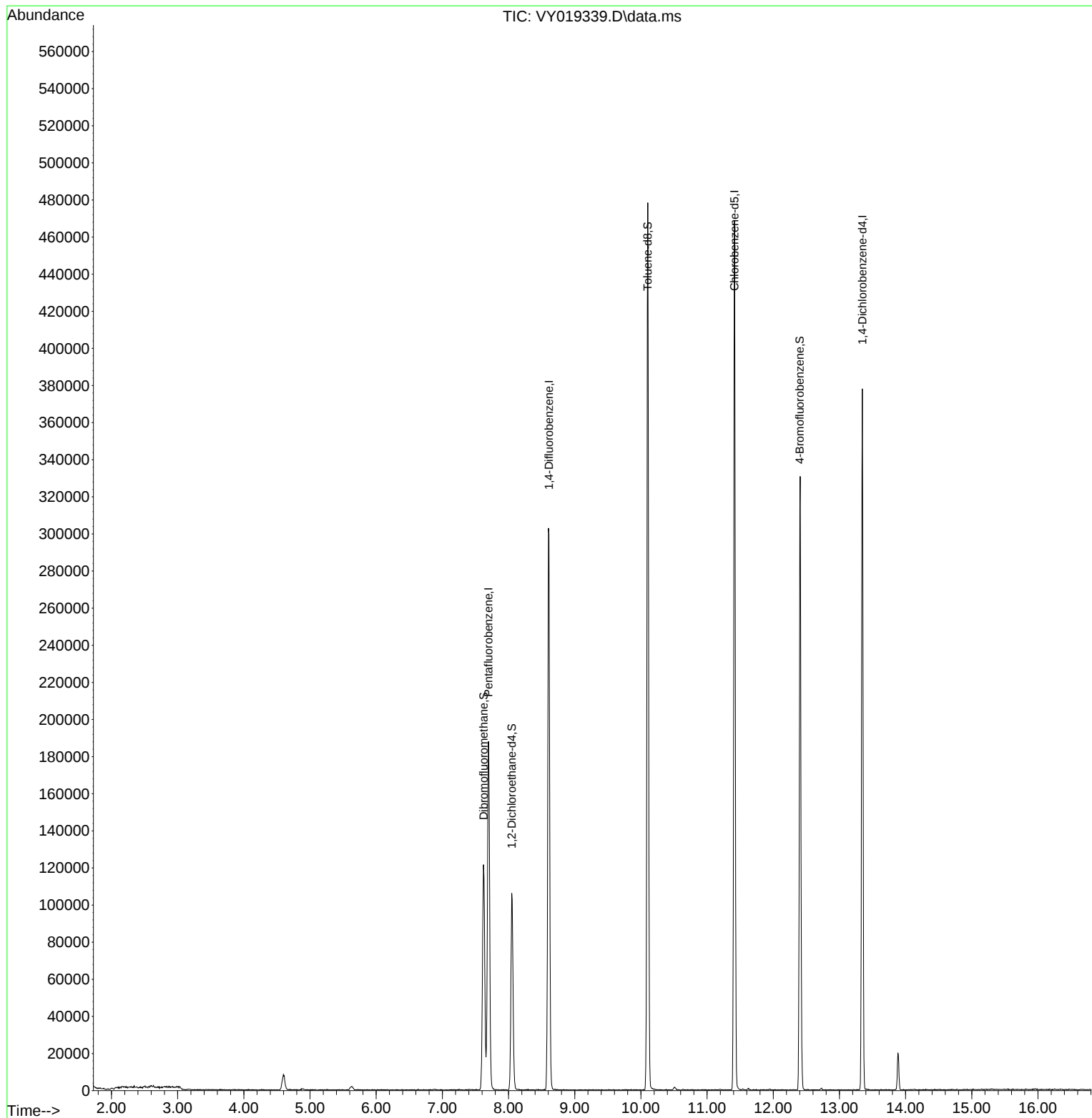
Target Compounds	Qvalue

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

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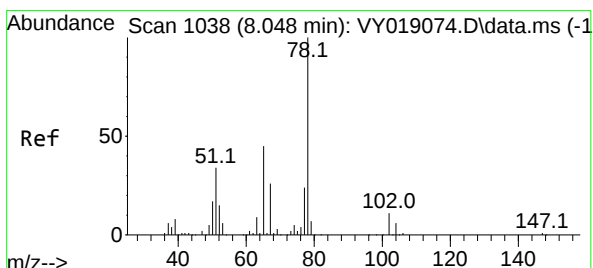
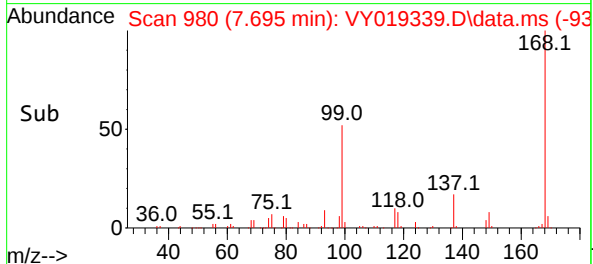
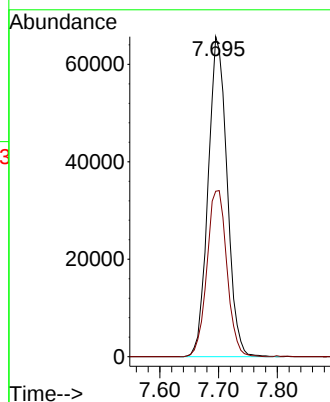
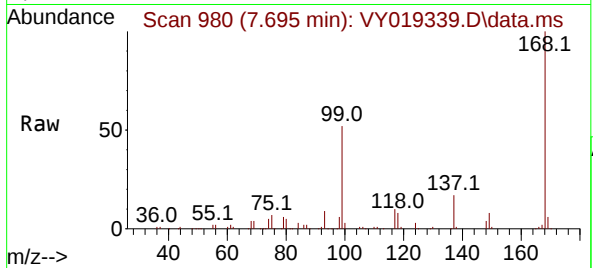




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

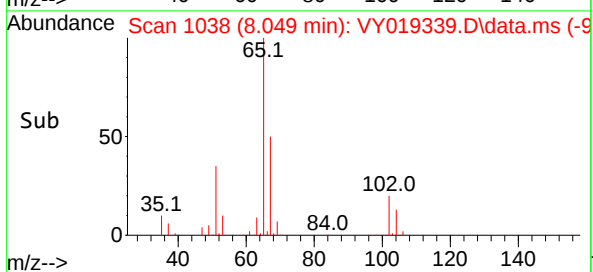
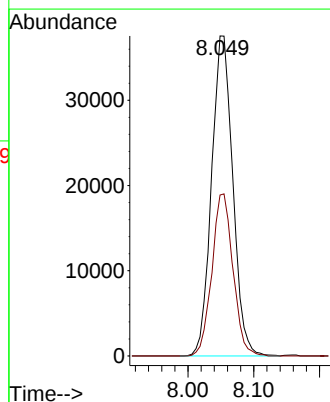
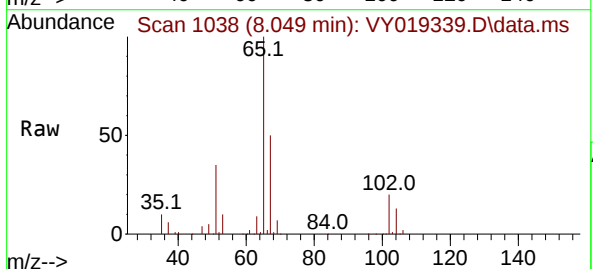
Instrument :
MSVOA_Y
ClientSampleId :
UI-1

Tgt Ion:168 Resp: 147231
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.226 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

Tgt Ion: 65 Resp: 84458
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

UI-1

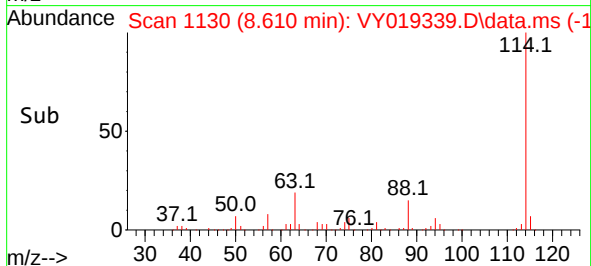
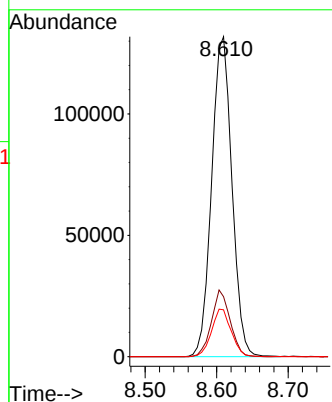
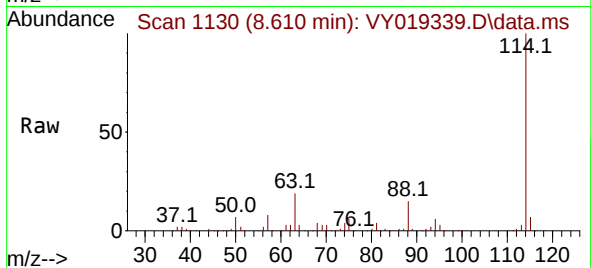
Tgt Ion:114 Resp: 259908

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.353 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

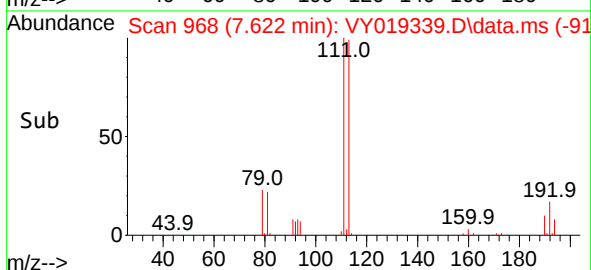
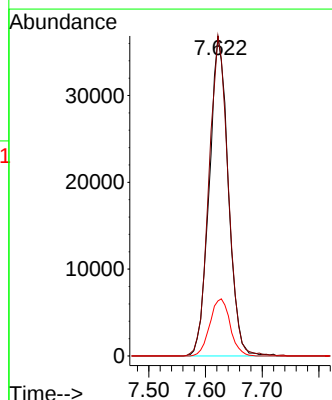
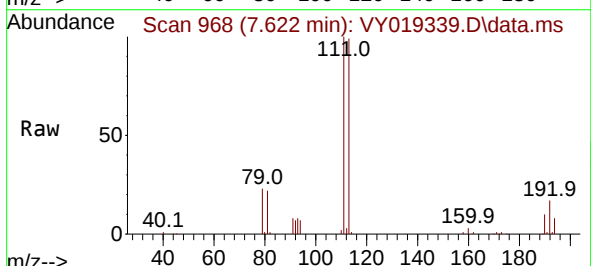
Tgt Ion:113 Resp: 85571

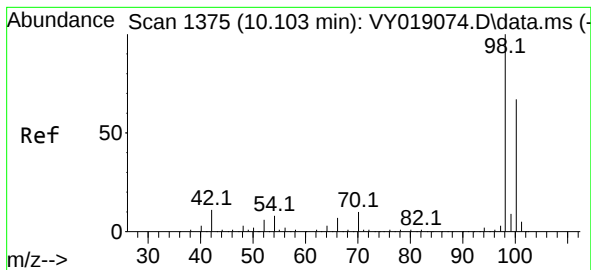
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 19.0 15.9 23.9





#50

Toluene-d8

Concen: 49.297 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

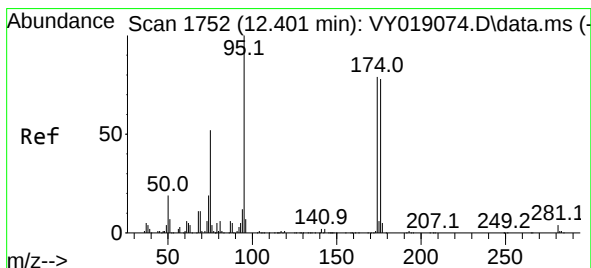
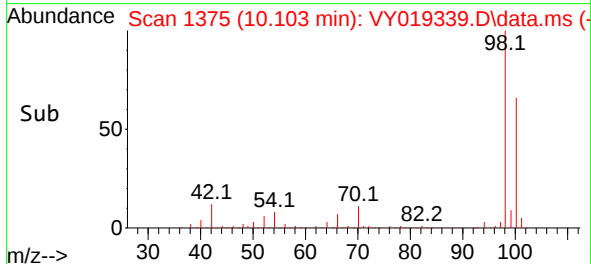
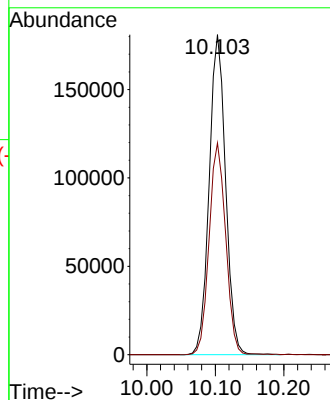
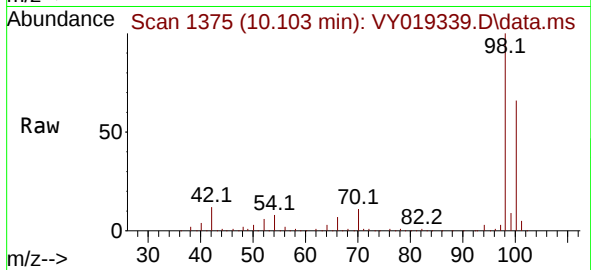
UI-1

Tgt Ion: 98 Resp: 301482

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.703 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019339.D

Acq: 28 Aug 2024 18:58

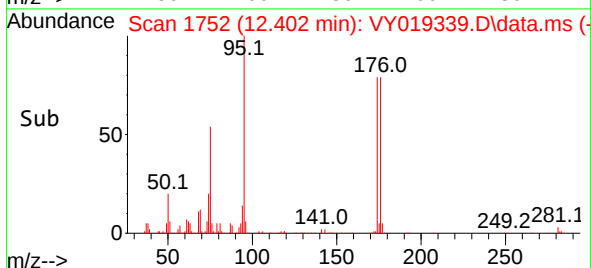
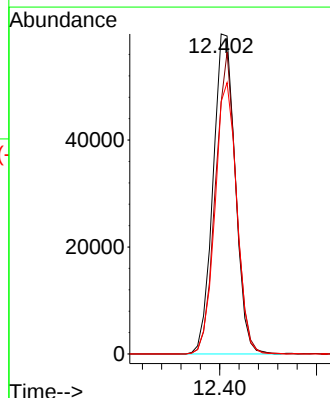
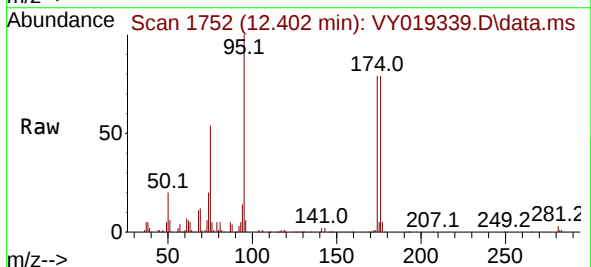
Tgt Ion: 95 Resp: 95282

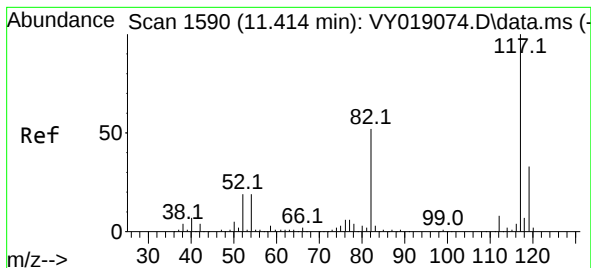
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.6

176 83.5 0.0 171.4

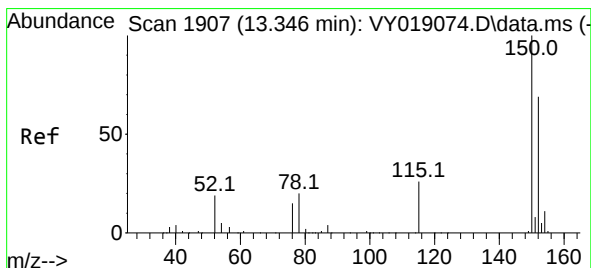
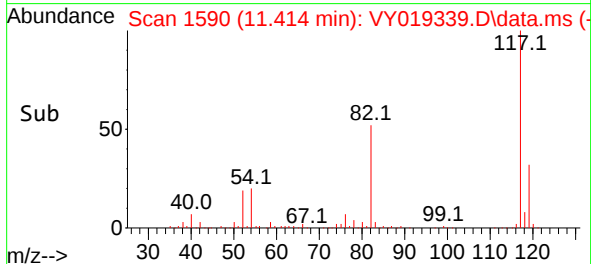
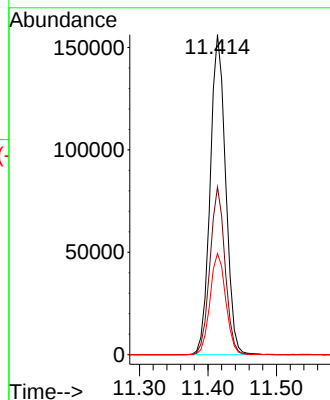
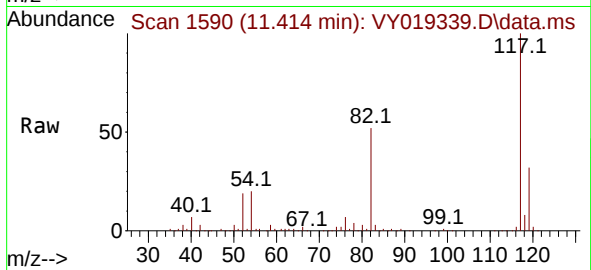




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019339.D
Acq: 28 Aug 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :
UI-1

Tgt Ion:117 Resp: 244821
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 31.7 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: VY019339.D
Acq: 28 Aug 2024 18:58

Tgt Ion:152 Resp: 93375
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 158.3 0.0 345.6

