

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019391.D
 Acq On : 30 Aug 2024 13:31
 Operator : SY/MD
 Sample : VY0830SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0830SBL01

Quant Time: Aug 30 16:19:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	173156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	301296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	231331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	89534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81283	49.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.628	113	90752	47.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.103	98	339500	48.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.408	95	89945	39.657	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.320%

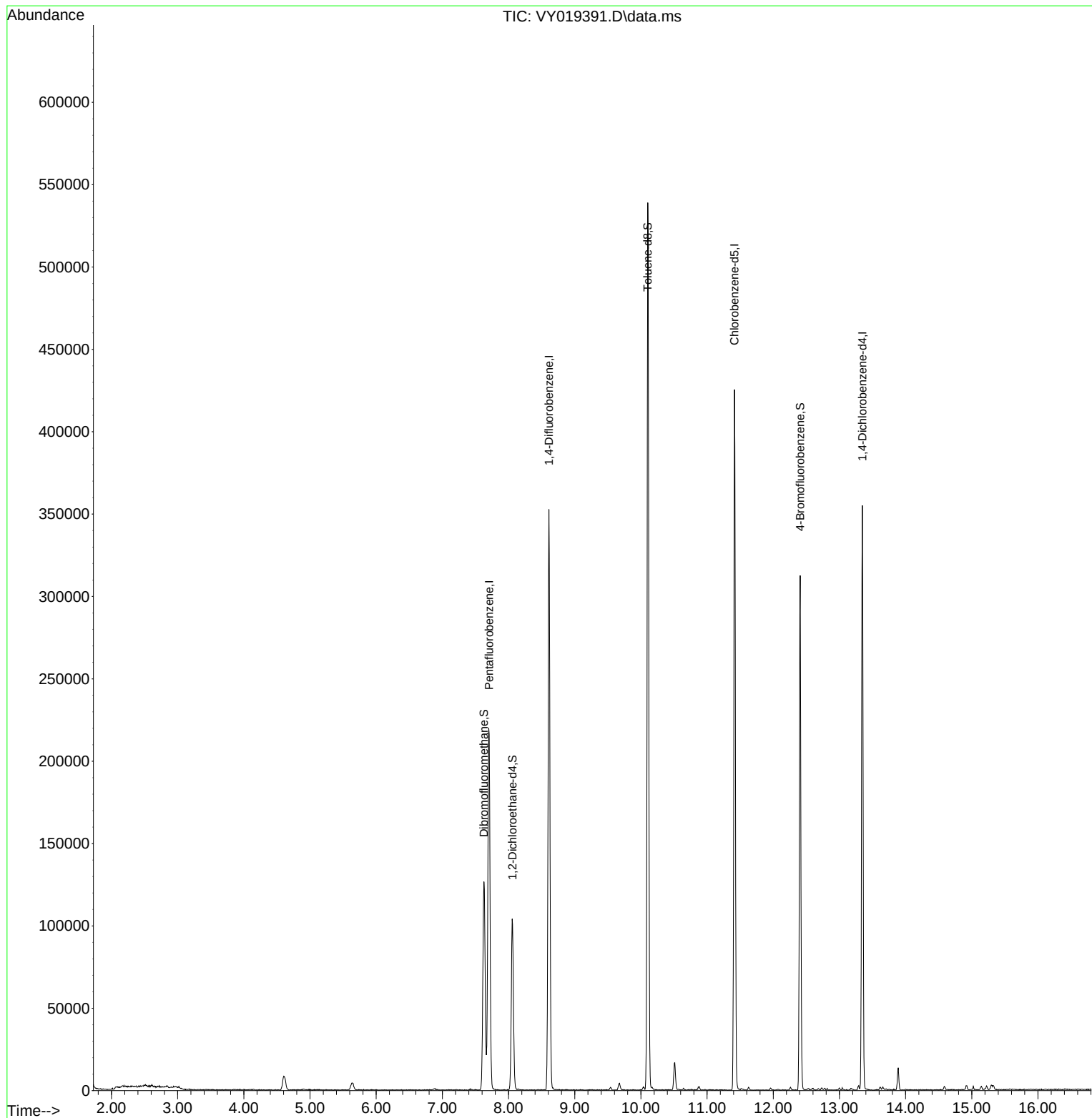
Target Compounds	Qvalue

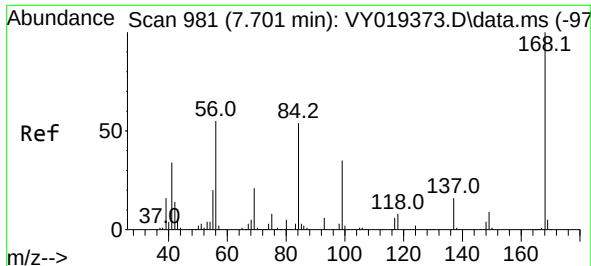
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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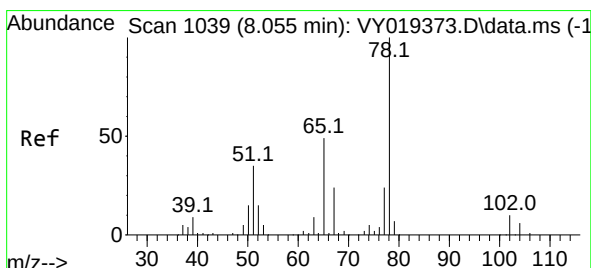
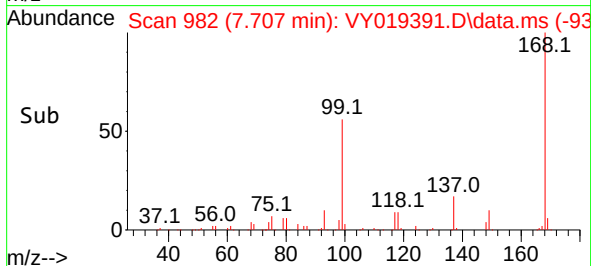
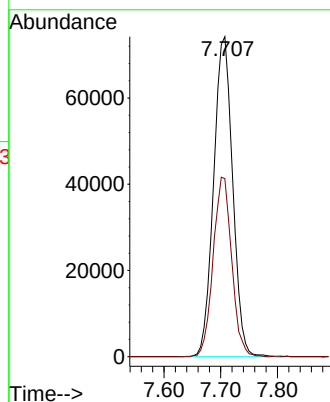
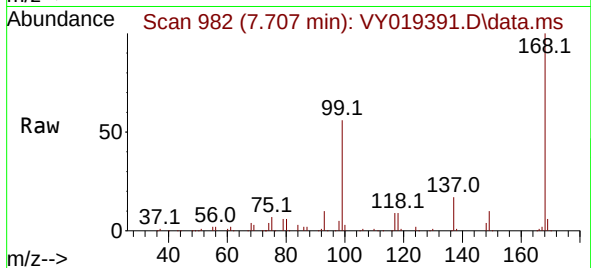




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019391.D
Acq: 30 Aug 2024 13:31

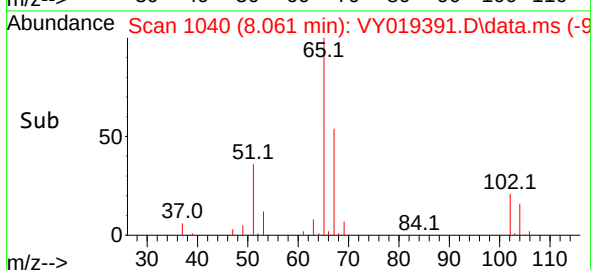
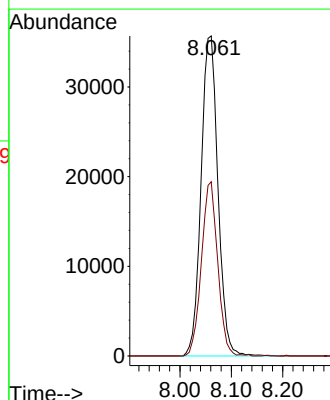
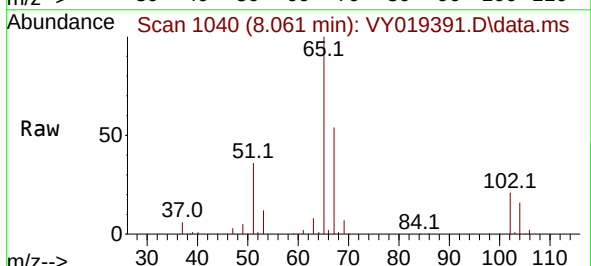
Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBL01

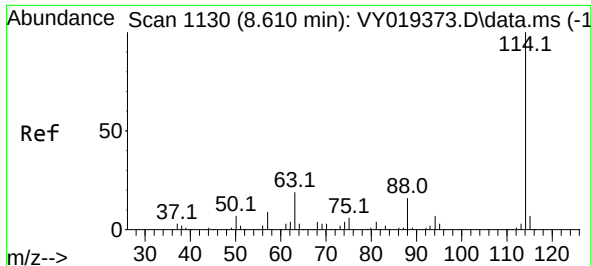
Tgt Ion:168 Resp: 173156
Ion Ratio Lower Upper
168 100
99 55.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.560 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019391.D
Acq: 30 Aug 2024 13:31

Tgt Ion: 65 Resp: 81283
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019391.D

Acq: 30 Aug 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0830SBL01

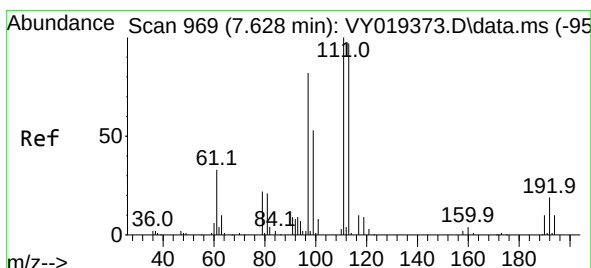
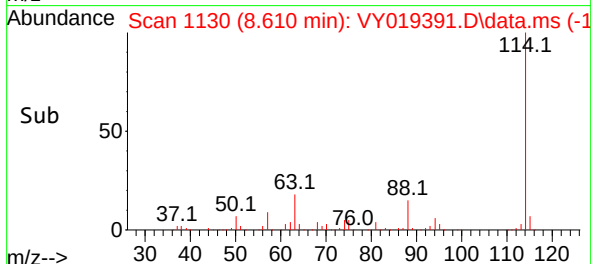
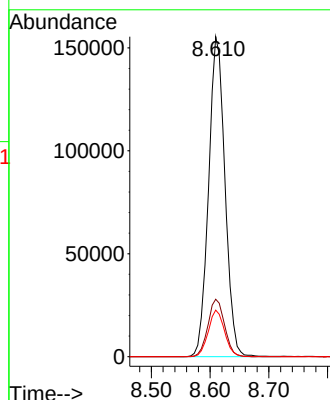
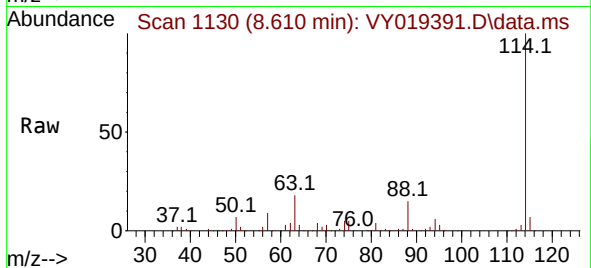
Tgt Ion:114 Resp: 301296

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.641 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019391.D

Acq: 30 Aug 2024 13:31

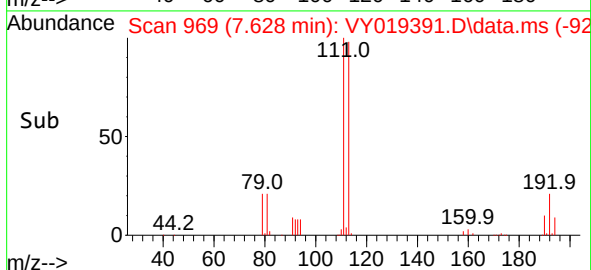
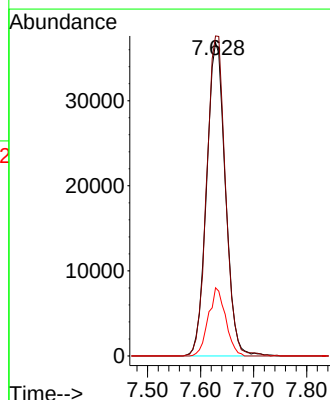
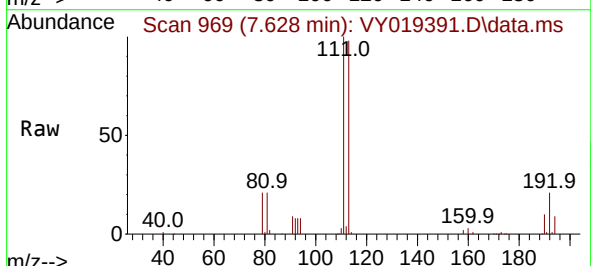
Tgt Ion:113 Resp: 90752

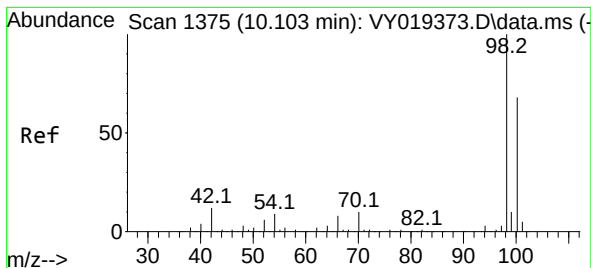
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 20.0 15.9 23.9





#50

Toluene-d8

Concen: 48.415 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019391.D

Acq: 30 Aug 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

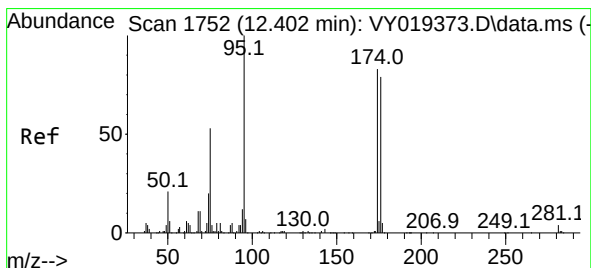
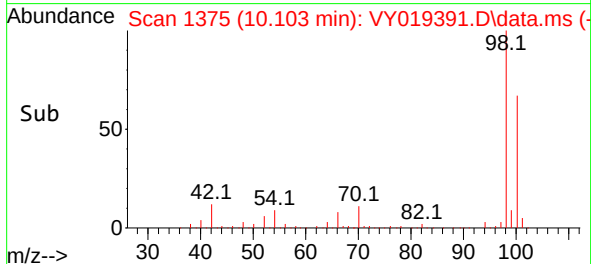
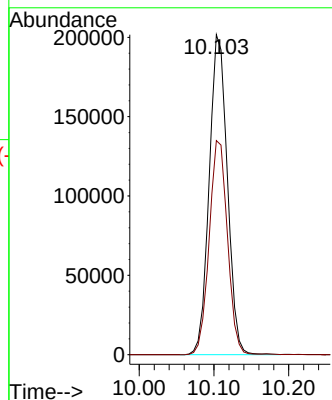
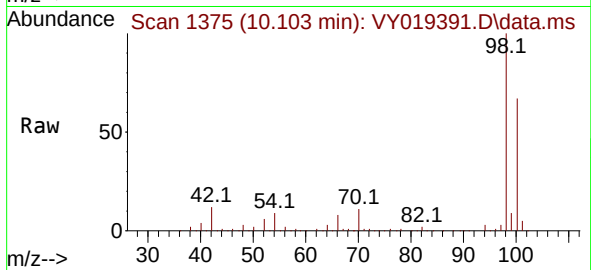
VY0830SBL01

Tgt Ion: 98 Resp: 339500

Ion Ratio Lower Upper

98 100

100 67.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.657 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019391.D

Acq: 30 Aug 2024 13:31

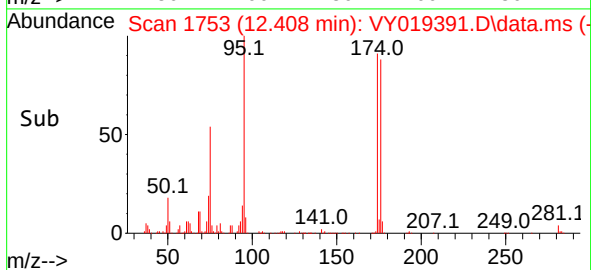
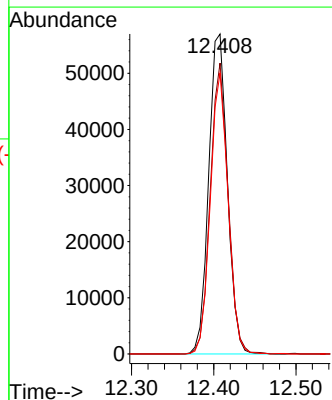
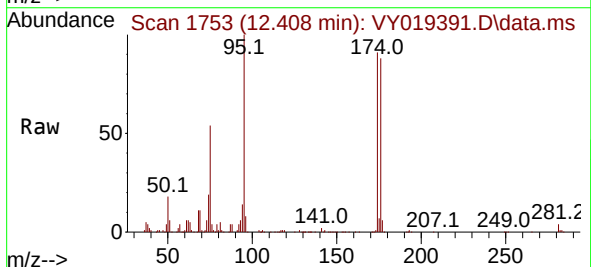
Tgt Ion: 95 Resp: 89945

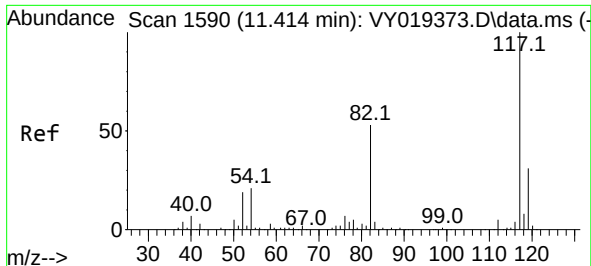
Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.6

176 83.7 0.0 171.4

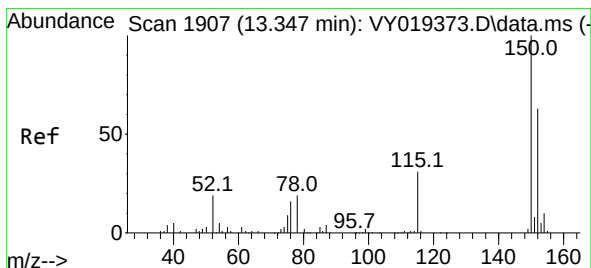
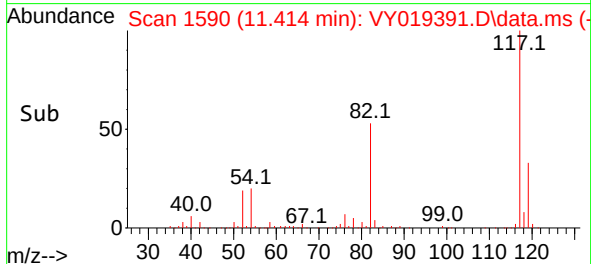
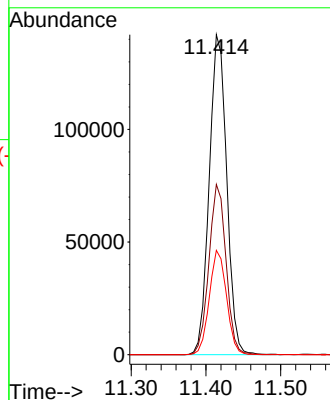
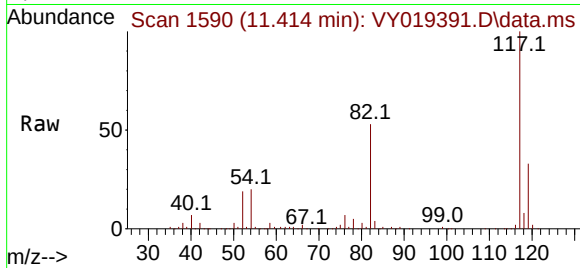




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019391.D
Acq: 30 Aug 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBL01

Tgt Ion:117 Resp: 231331
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.6 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: VY019391.D
Acq: 30 Aug 2024 13:31

Tgt Ion:152 Resp: 89534
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.4 0.0 345.6

