

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019037.D
 Acq On : 13 Aug 2024 18:23
 Operator : SY/MD
 Sample : P3549-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-080924

Quant Time: Aug 14 01:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	60260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	106405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	41080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	30889	58.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.622	113	33773	49.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.103	98	124827	47.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.407	95	34728	44.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.680%

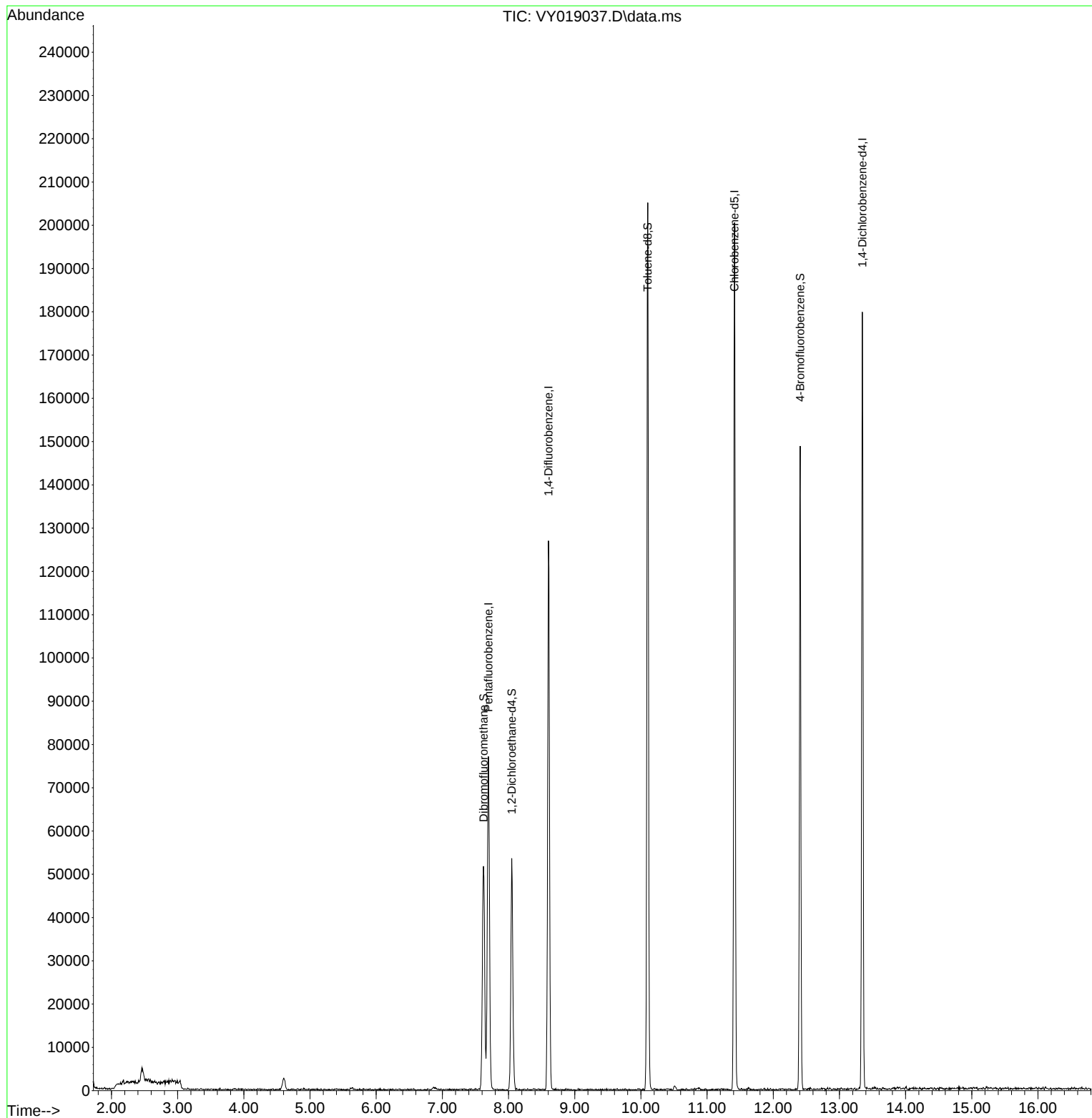
Target Compounds	Qvalue

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

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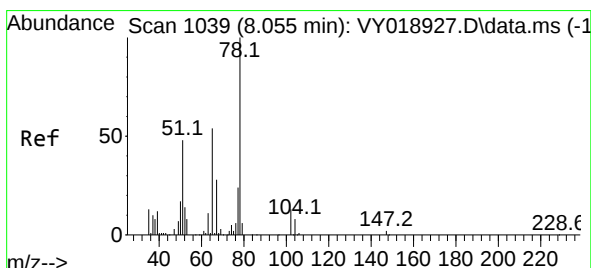
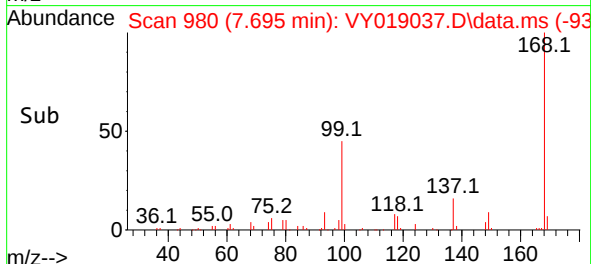
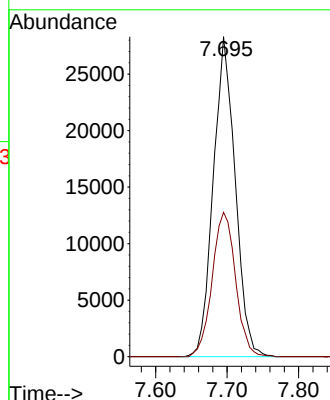
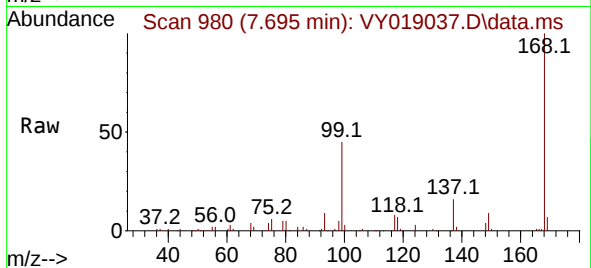




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

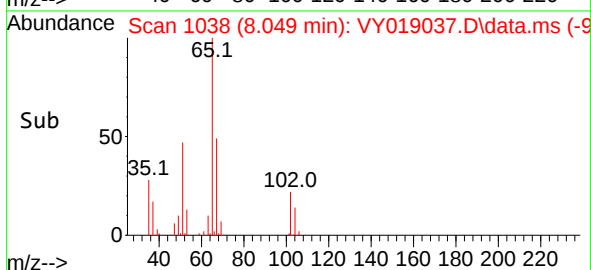
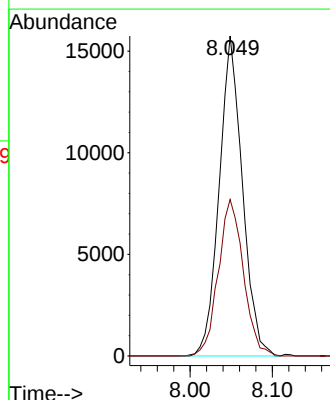
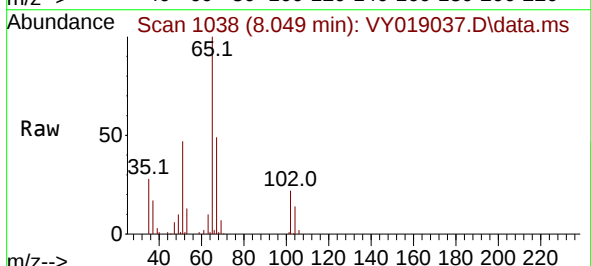
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080924

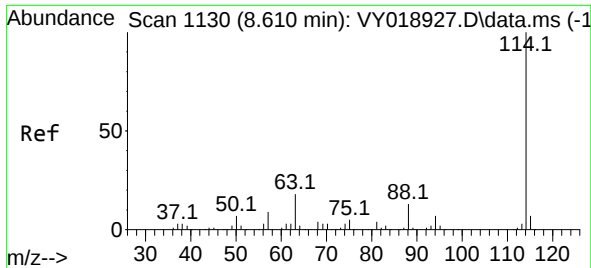
Tgt Ion:168 Resp: 60260
Ion Ratio Lower Upper
168 100
99 45.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.383 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

Tgt Ion: 65 Resp: 30889
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-080924

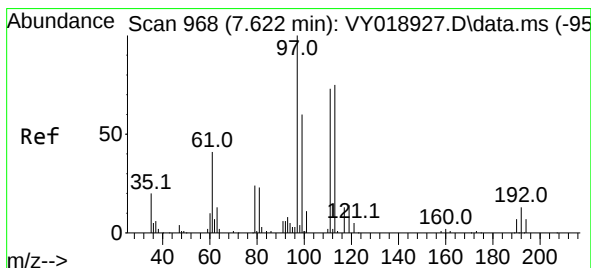
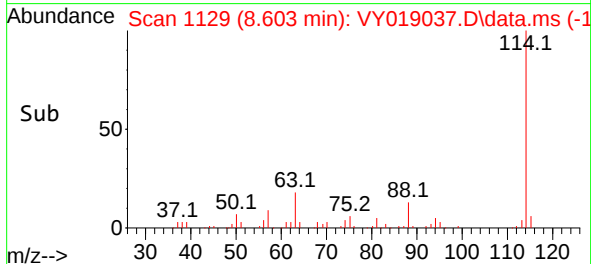
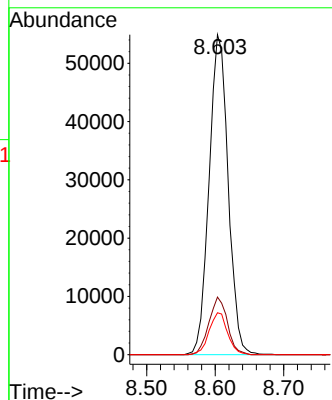
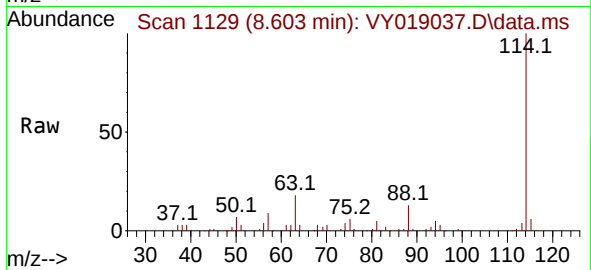
Tgt Ion:114 Resp: 106405

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.696 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

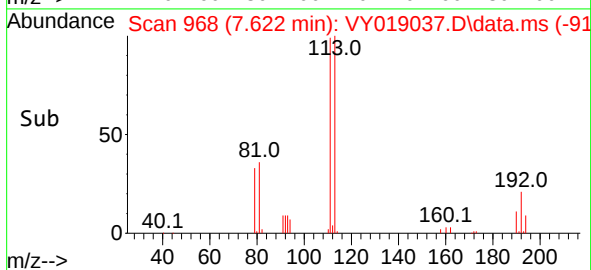
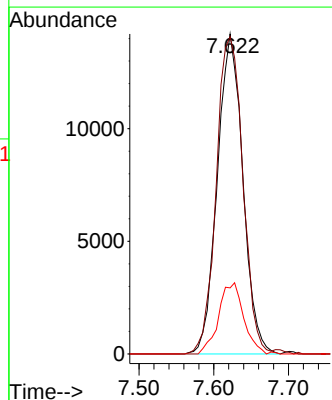
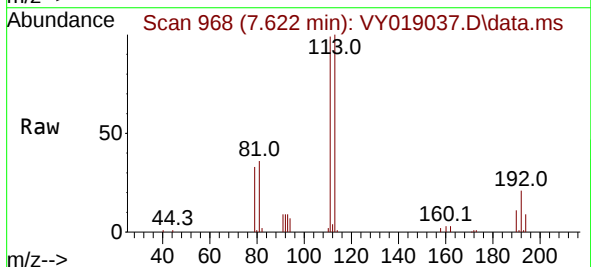
Tgt Ion:113 Resp: 33773

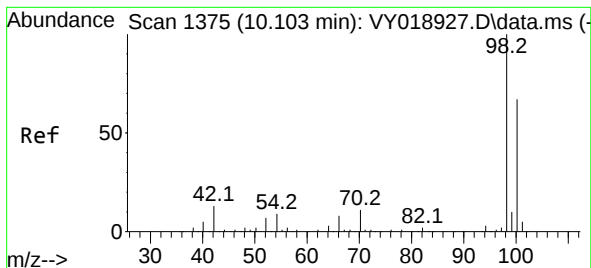
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 21.9 15.9 23.9





#50

Toluene-d8

Concen: 47.820 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :

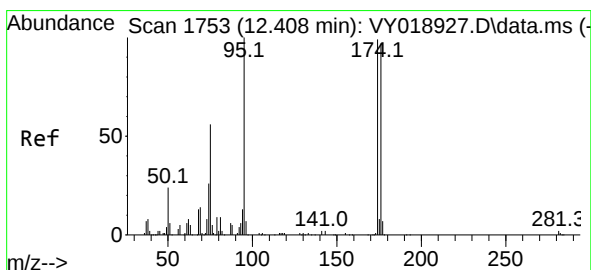
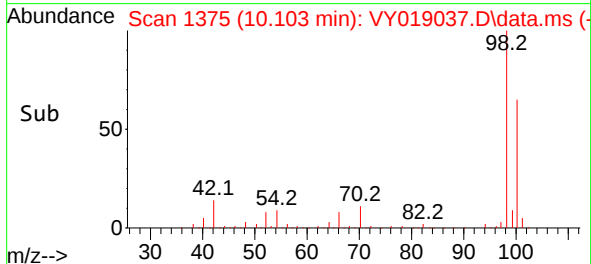
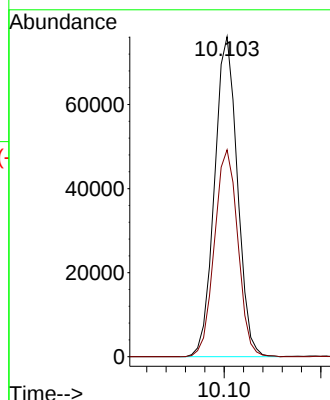
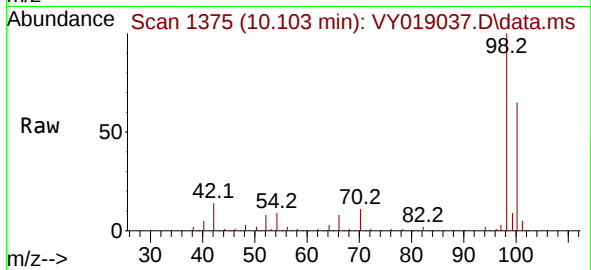
SU-04-080924

Tgt Ion: 98 Resp: 124827

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.843 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

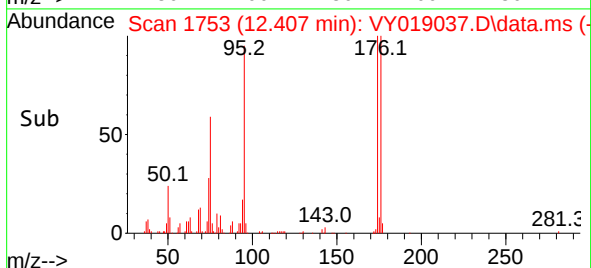
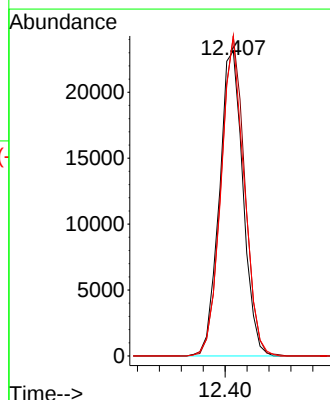
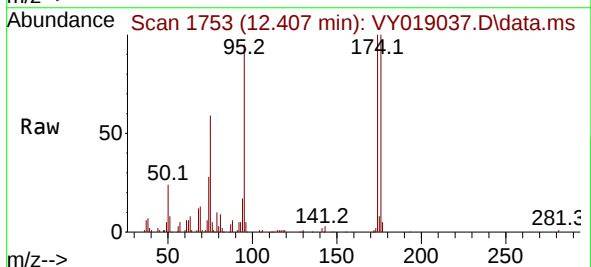
Tgt Ion: 95 Resp: 34728

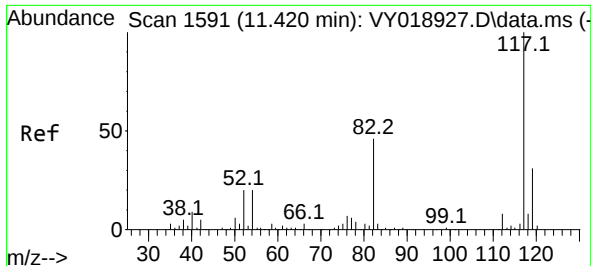
Ion Ratio Lower Upper

95 100

174 104.4 0.0 175.6

176 101.9 0.0 171.4

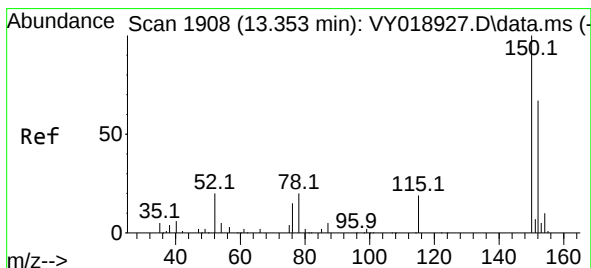
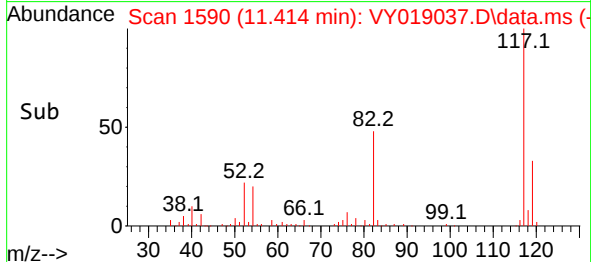
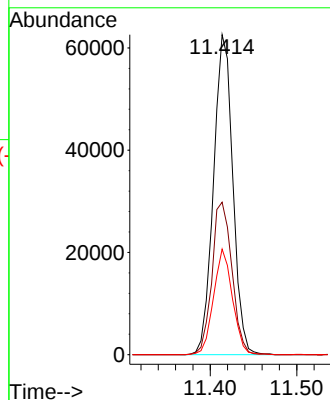
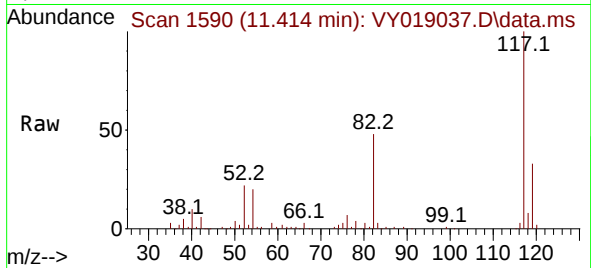




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080924

Tgt Ion:117 Resp: 96997
Ion Ratio Lower Upper
117 100
82 47.6 42.4 63.6
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

Tgt Ion:152 Resp: 41080
Ion Ratio Lower Upper
152 100
115 51.3 28.2 84.7
150 158.2 0.0 345.6

