

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019144.D
 Acq On : 20 Aug 2024 12:27
 Operator : SY/MD
 Sample : P3637-01
 Misc : 4.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI - 370

Quant Time: Aug 20 12:49:01 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	7.701	168	106453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	185573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	163992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	63580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	55725	52.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.440%
35) Dibromofluoromethane	7.628	113	58749	48.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.103	98	204706	46.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.760%
62) 4-Bromofluorobenzene	12.408	95	63187	42.449	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.900%

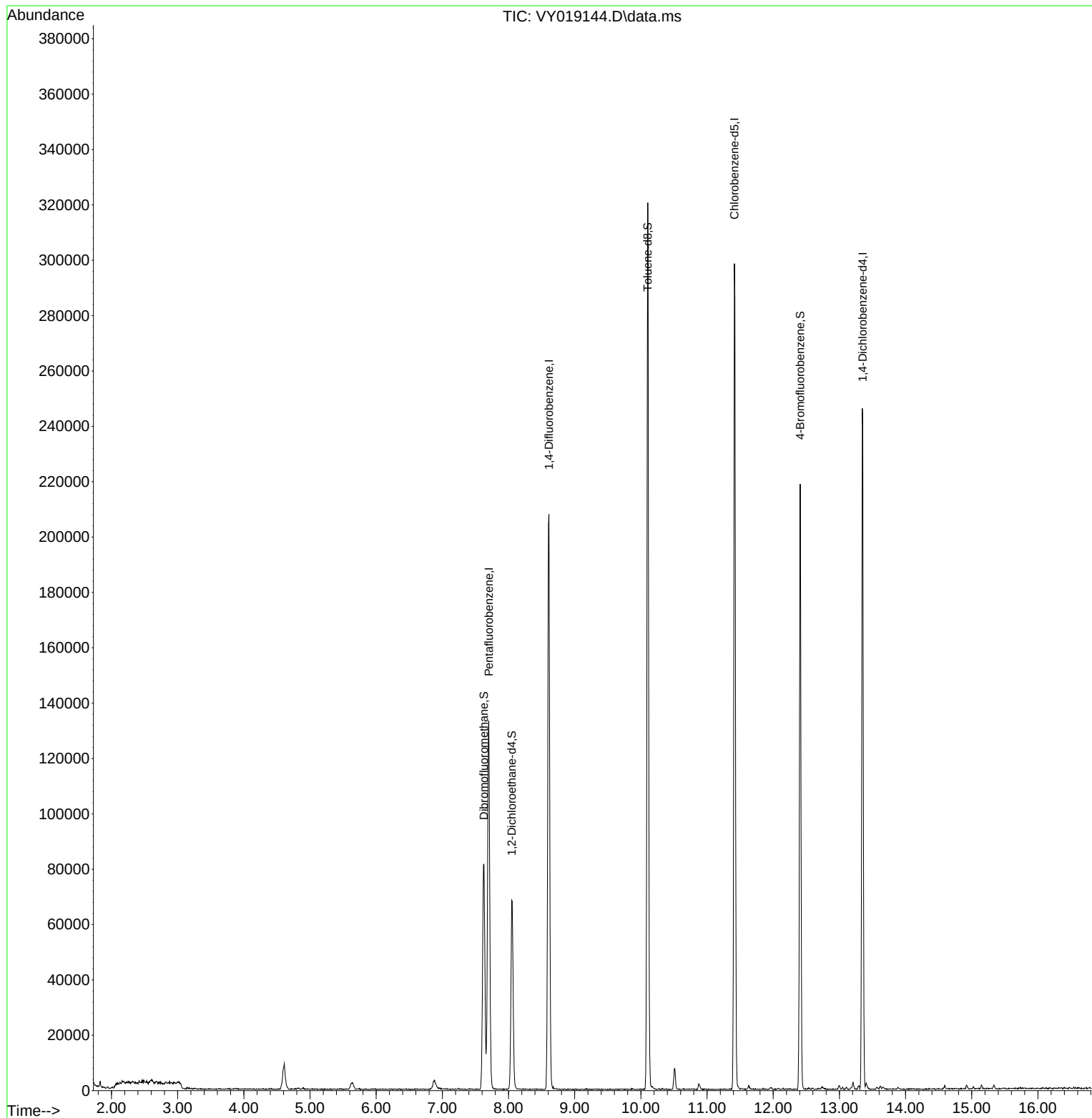
Target Compounds	Qvalue

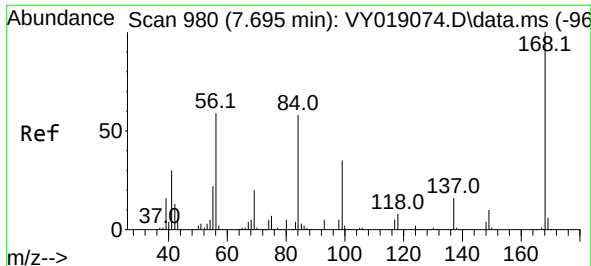
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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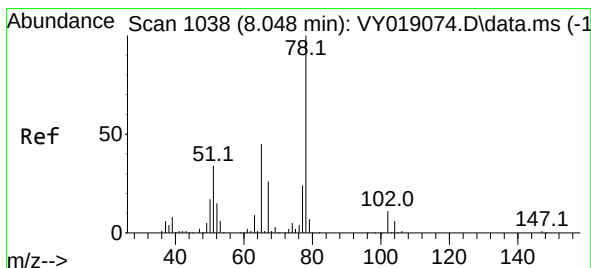
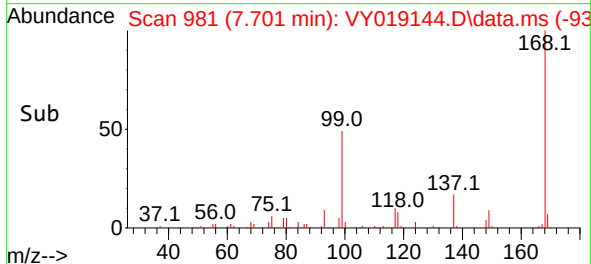
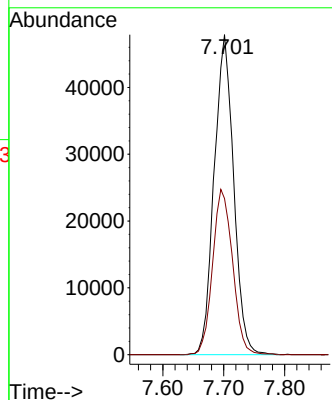
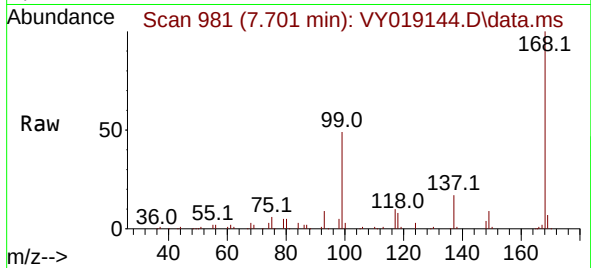




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019144.D
Acq: 20 Aug 2024 12:27

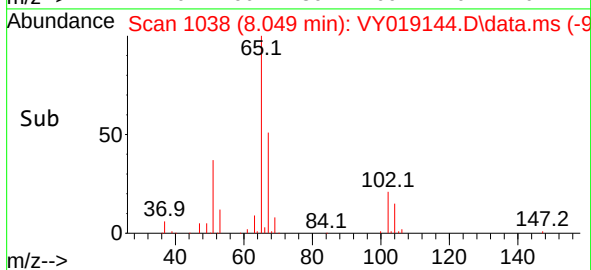
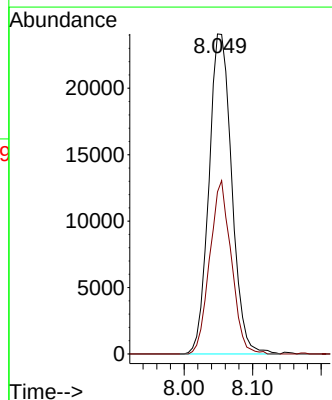
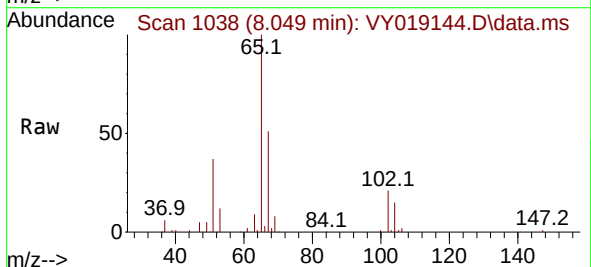
Instrument :
MSVOA_Y
ClientSampleId :
ETGI - 370

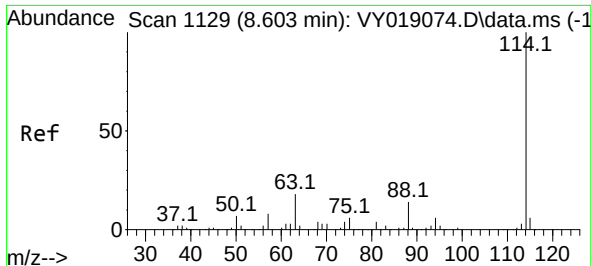
Tgt Ion:168 Resp: 106453
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.221 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019144.D
Acq: 20 Aug 2024 12:27

Tgt Ion: 65 Resp: 55725
Ion Ratio Lower Upper
65 100
67 51.0 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: VY019144.D

Acq: 20 Aug 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

ETGI - 370

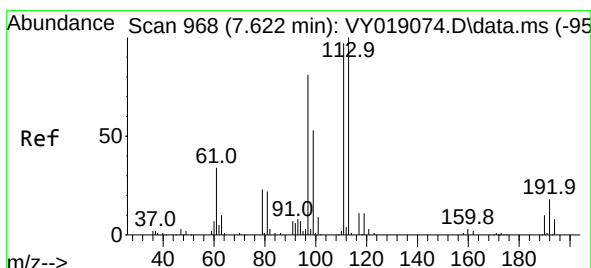
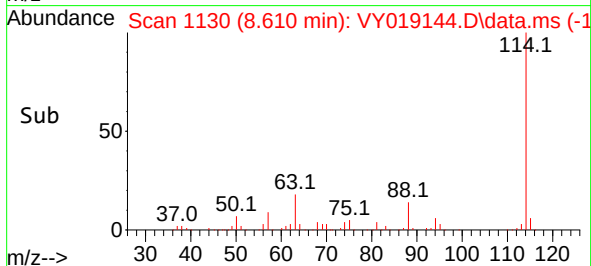
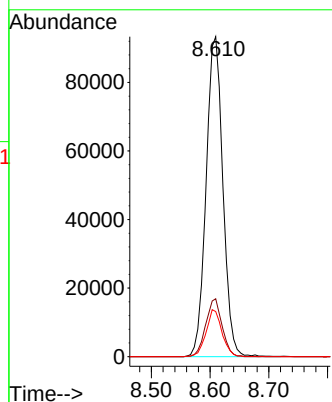
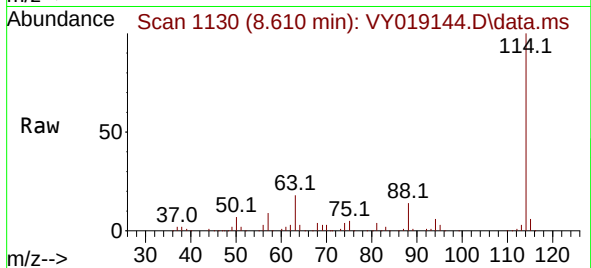
Tgt Ion:114 Resp: 185573

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.417 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019144.D

Acq: 20 Aug 2024 12:27

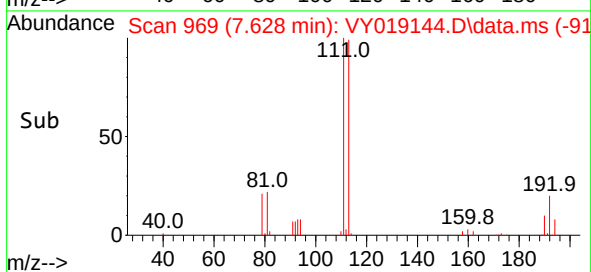
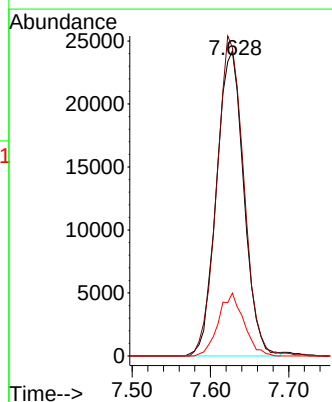
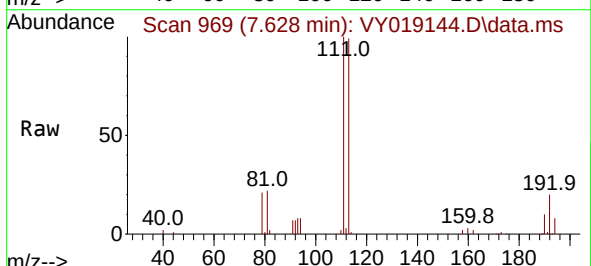
Tgt Ion:113 Resp: 58749

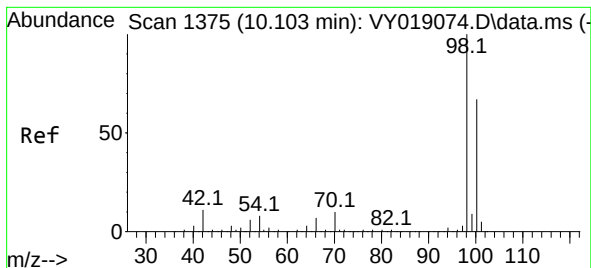
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.1 15.9 23.9





#50

Toluene-d8

Concen: 46.880 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019144.D

Acq: 20 Aug 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

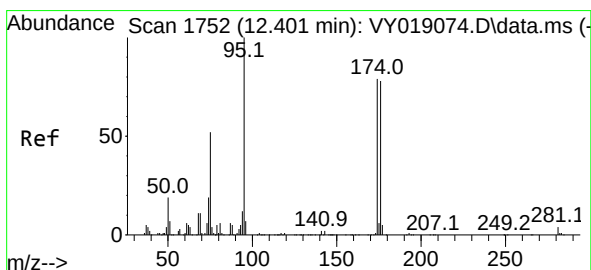
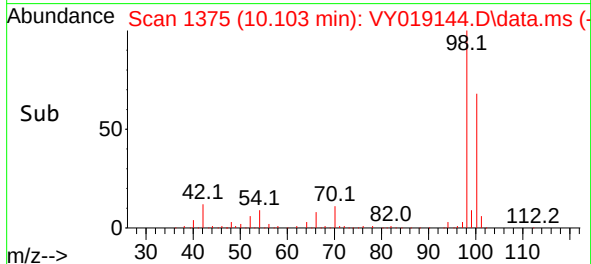
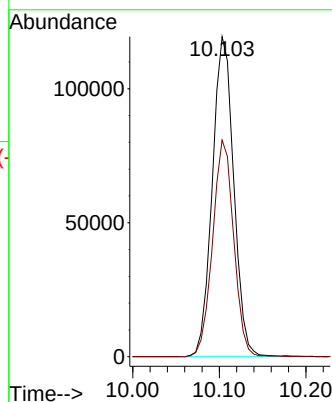
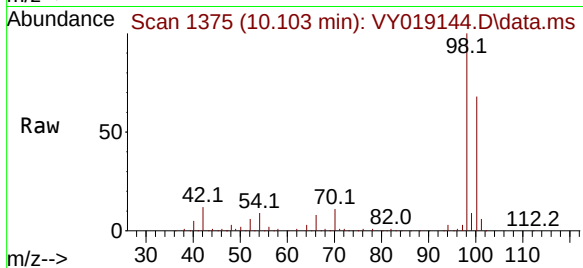
ETGI - 370

Tgt Ion: 98 Resp: 204706

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.449 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019144.D

Acq: 20 Aug 2024 12:27

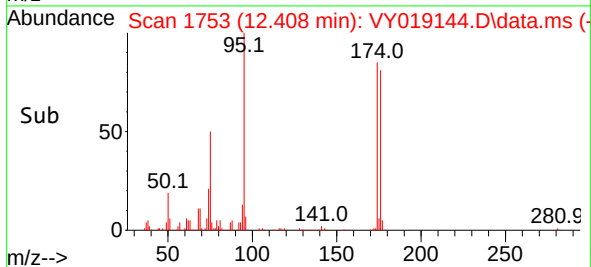
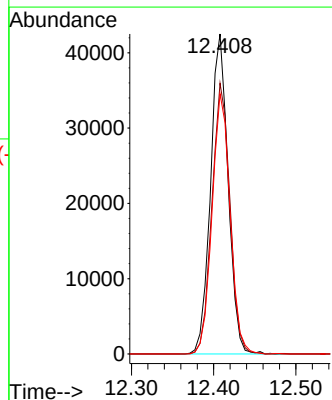
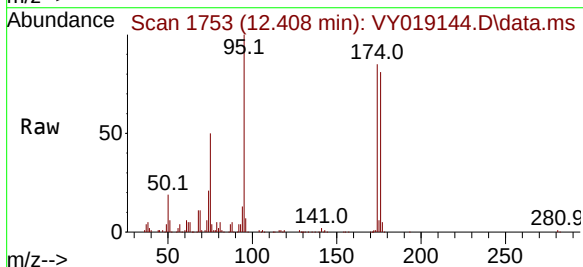
Tgt Ion: 95 Resp: 63187

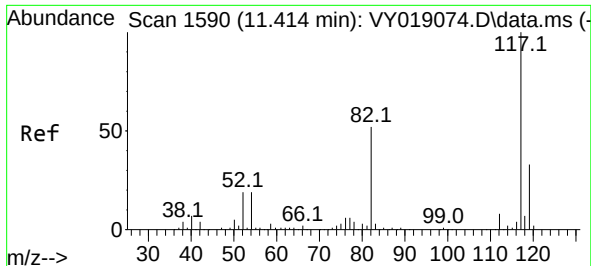
Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.6

176 83.7 0.0 171.4

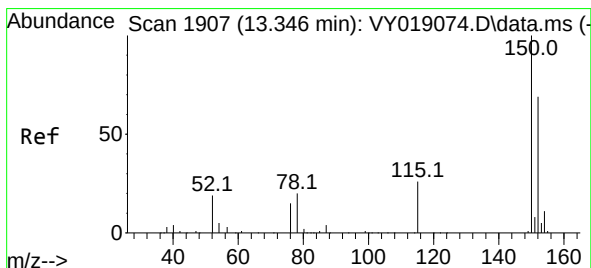
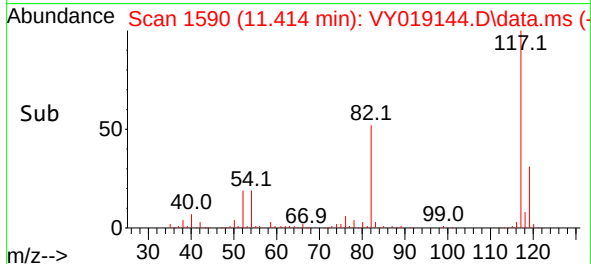
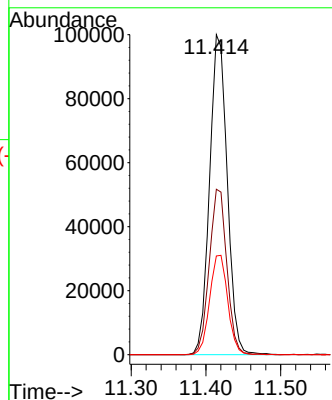
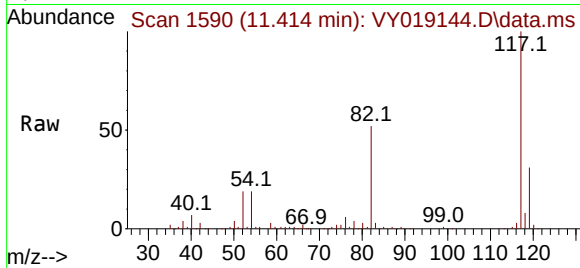




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019144.D
Acq: 20 Aug 2024 12:27

Instrument :
MSVOA_Y
ClientSampleId :
ETGI - 370

Tgt Ion:117 Resp: 163992
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019144.D
Acq: 20 Aug 2024 12:27

Tgt Ion:152 Resp: 63580
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 155.4 0.0 345.6

