

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019710.D
 Acq On : 26 Sep 2024 13:52
 Operator : SY/MD
 Sample : P4192-03
 Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-355

Quant Time: Sep 27 02:01:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	306522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	579818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	503054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	193780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166432	58.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.280%
35) Dibromofluoromethane	7.628	113	180493	54.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.800%
50) Toluene-d8	10.109	98	685317	56.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.720%
62) 4-Bromofluorobenzene	12.408	95	213979	45.767	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.540%

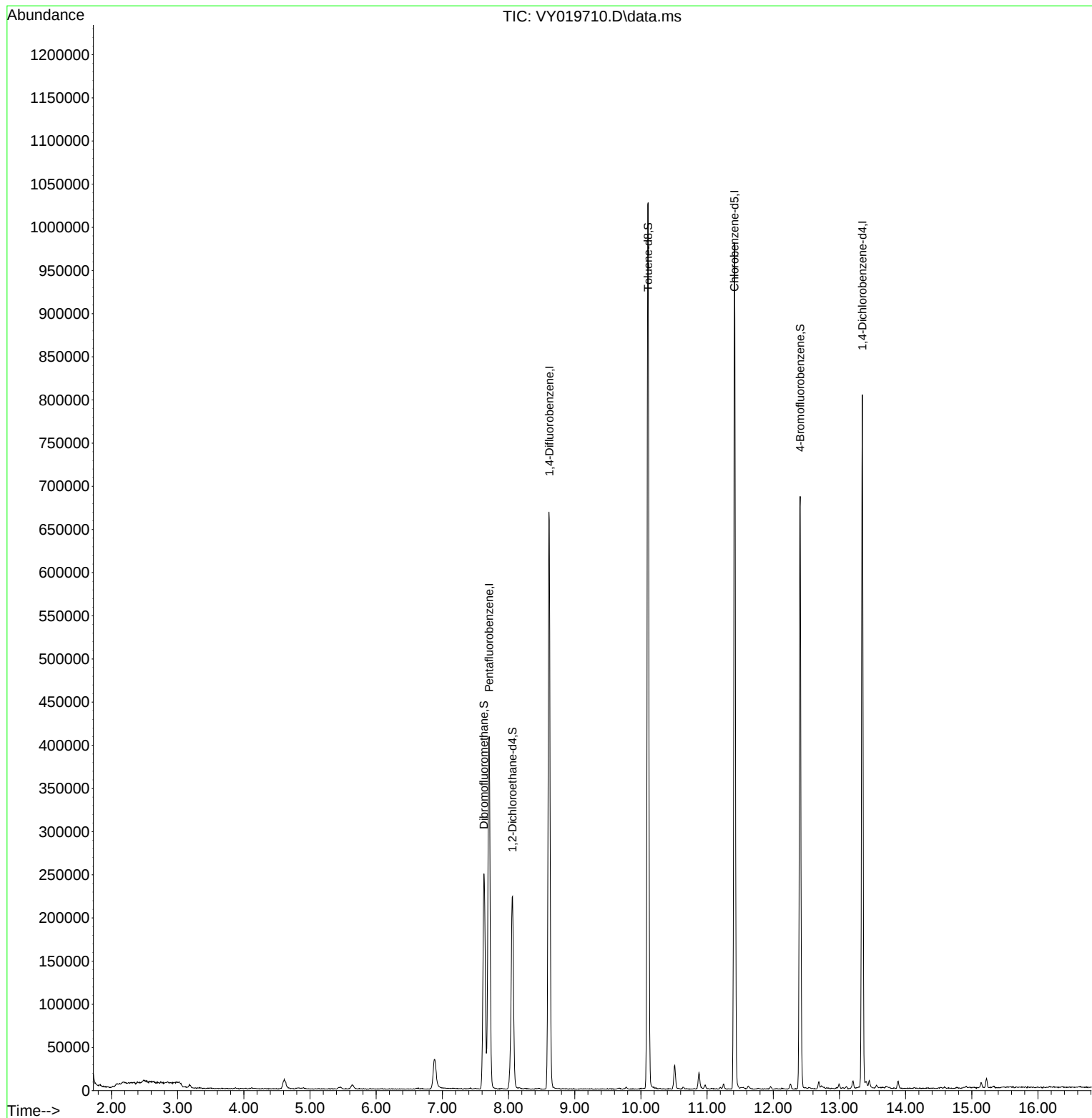
Target Compounds	Qvalue

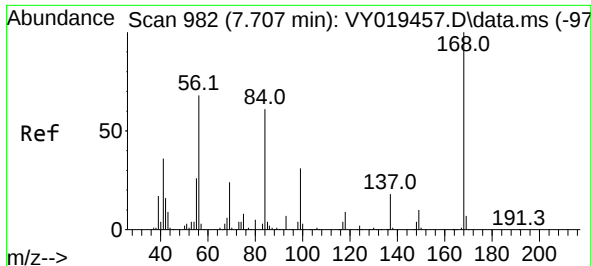
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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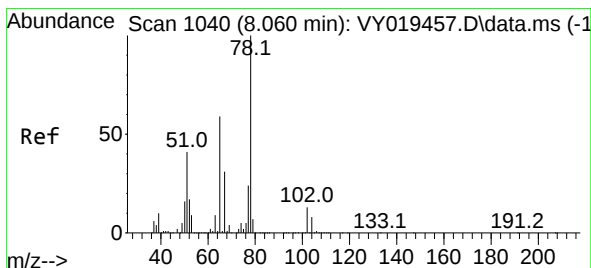
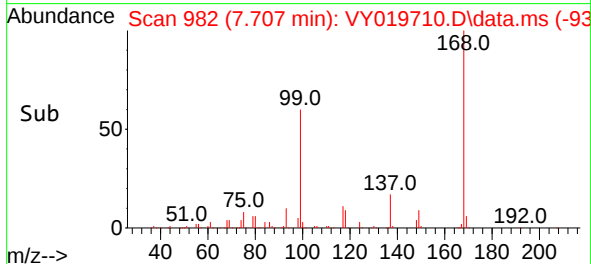
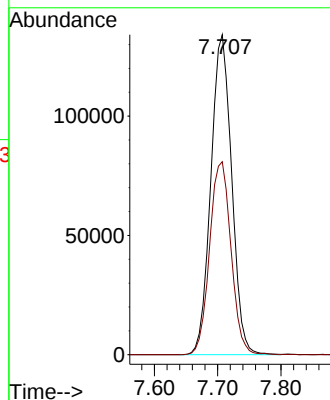
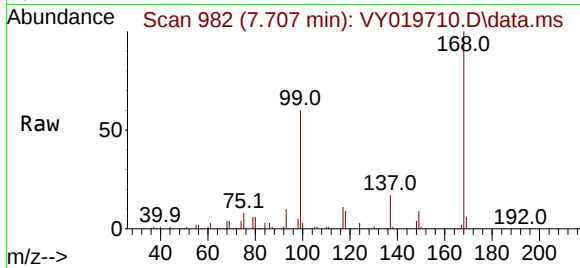




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

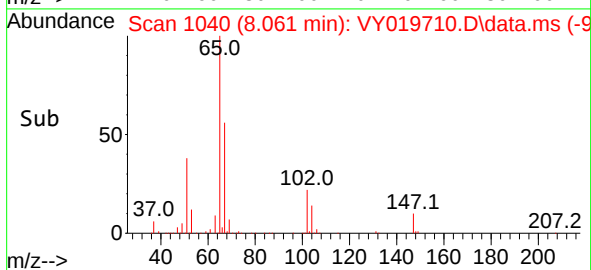
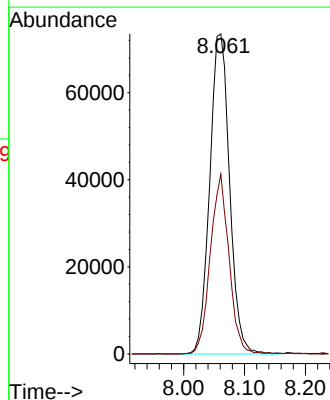
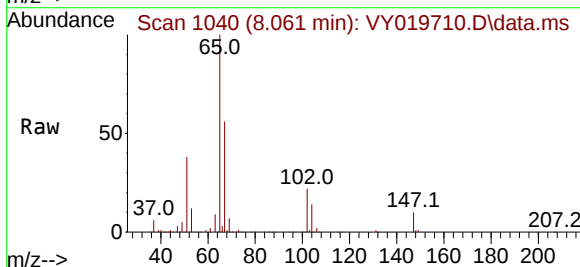
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-355

Tgt Ion:168 Resp: 306522
Ion Ratio Lower Upper
168 100
99 60.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.637 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Tgt Ion: 65 Resp: 166432
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019710.D

Acq: 26 Sep 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-355

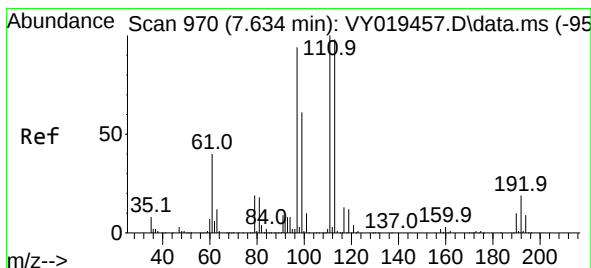
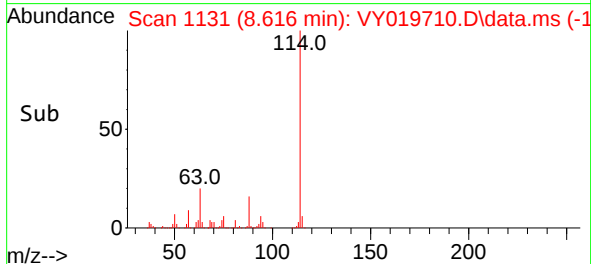
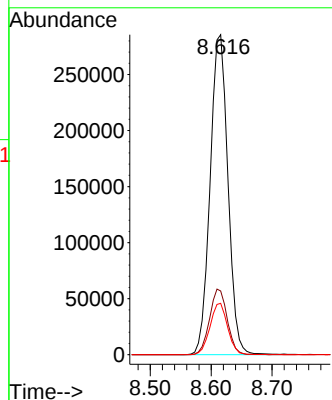
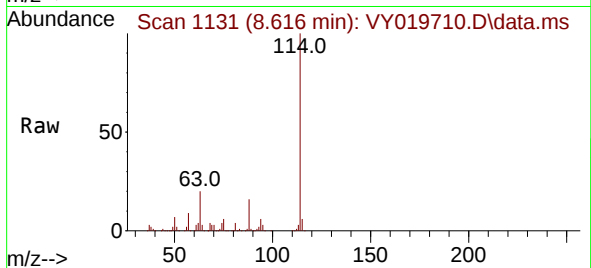
Tgt Ion:114 Resp: 579818

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.903 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019710.D

Acq: 26 Sep 2024 13:52

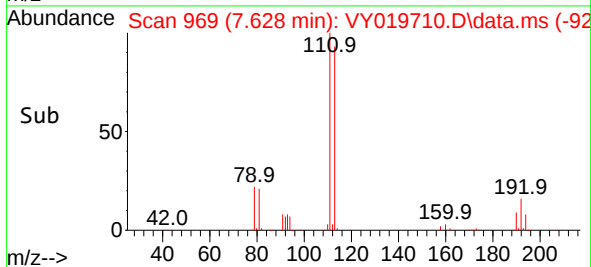
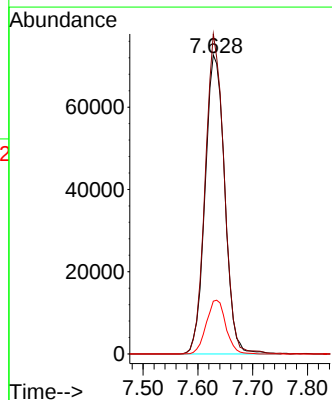
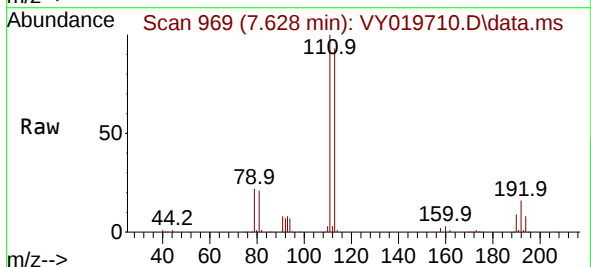
Tgt Ion:113 Resp: 180493

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 17.9 15.9 23.9

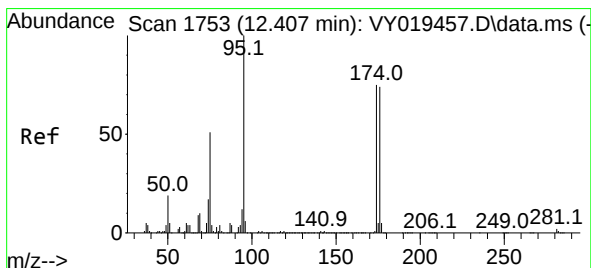
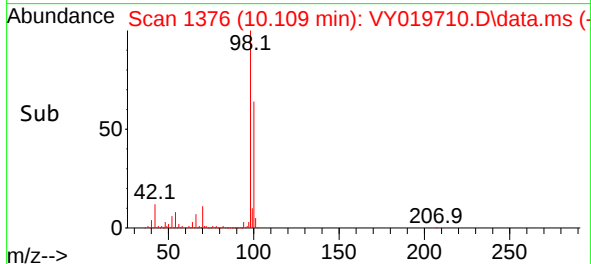
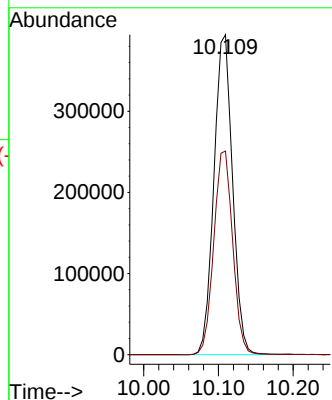
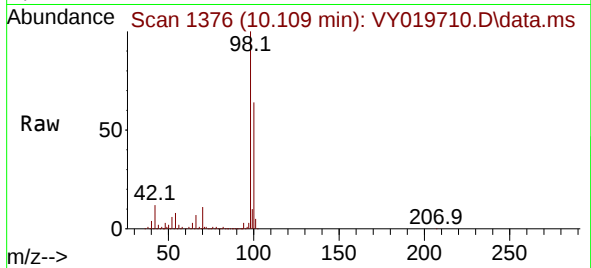




#50
Toluene-d8
Concen: 56.360 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

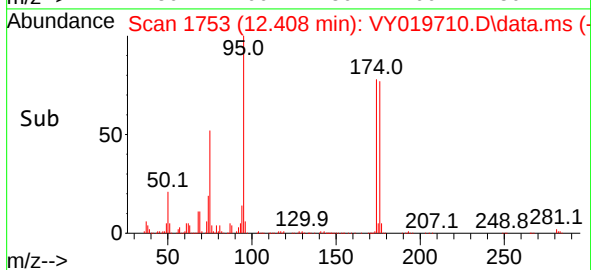
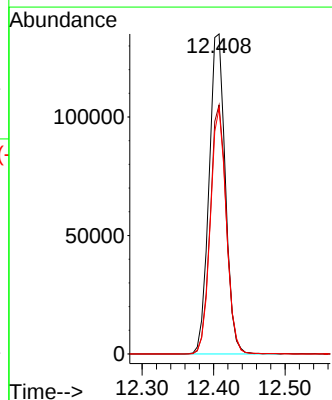
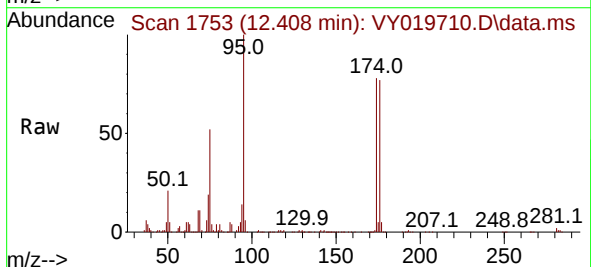
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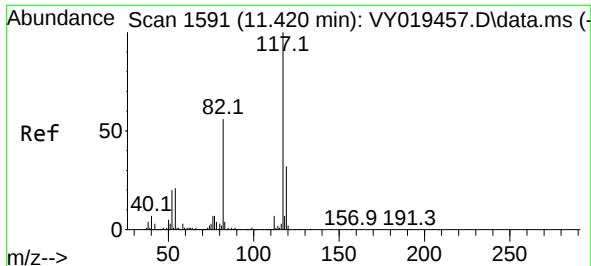
Tgt Ion: 98 Resp: 685317
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.767 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Tgt Ion: 95 Resp: 213979
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 75.0 0.0 171.4

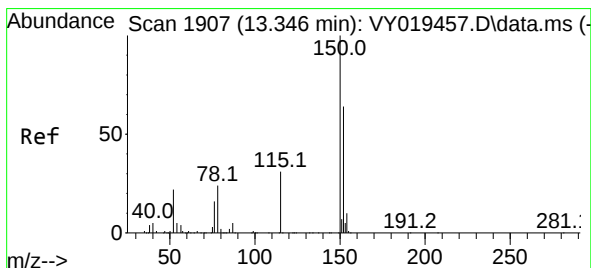
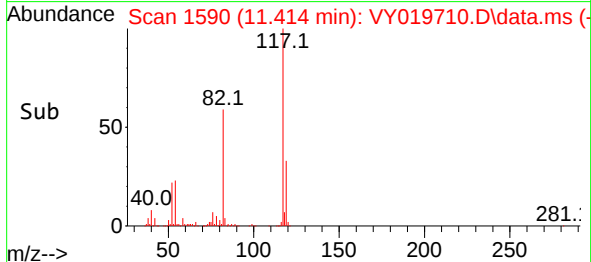
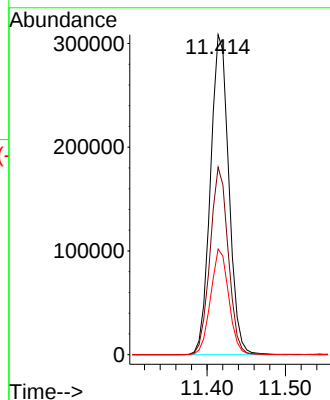
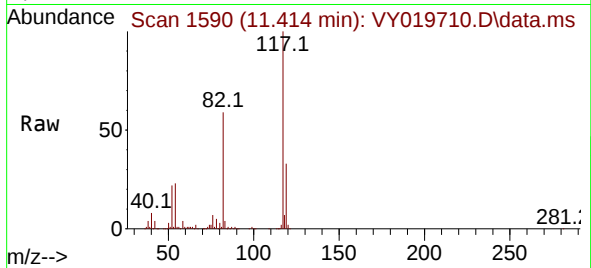




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-355

Tgt Ion:117 Resp: 503054
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Tgt Ion:152 Resp: 193780
Ion Ratio Lower Upper
152 100
115 60.4 28.2 84.7
150 156.0 0.0 345.6

