

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019467.D
 Acq On : 09 Sep 2024 15:57
 Operator : SY/MD
 Sample : P3852-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI356

Quant Time: Sep 10 01:49:00 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)

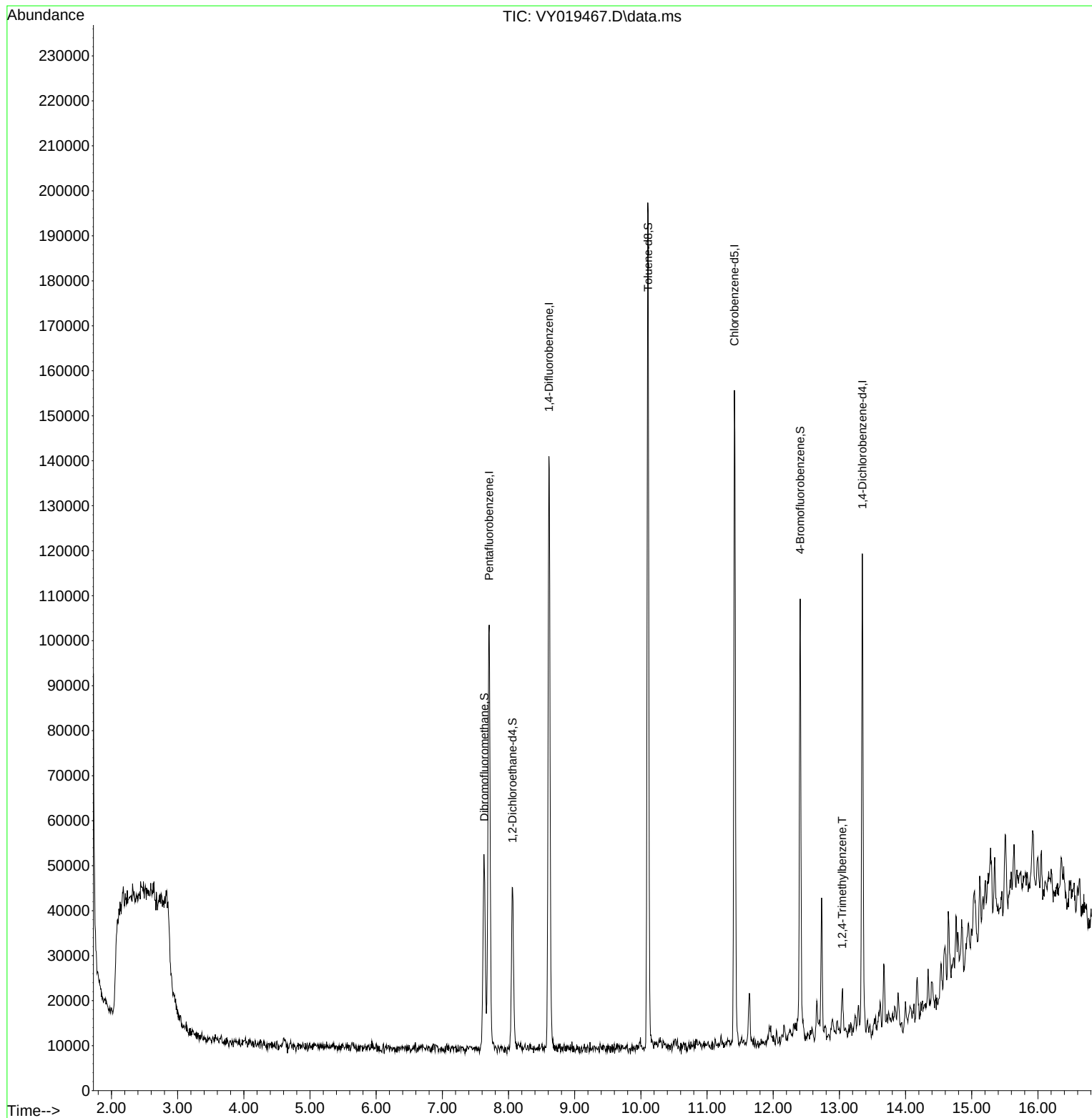
Internal Standards						
1) Pentafluorobenzene	7.707	168	70757	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	113138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	77953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	24059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	28938	44.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.340%
35) Dibromofluoromethane	7.634	113	31329	48.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.109	98	124418	52.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.408	95	31423	34.444	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.880%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.042	105	5906	4.205	ug/l	Qvalue 93

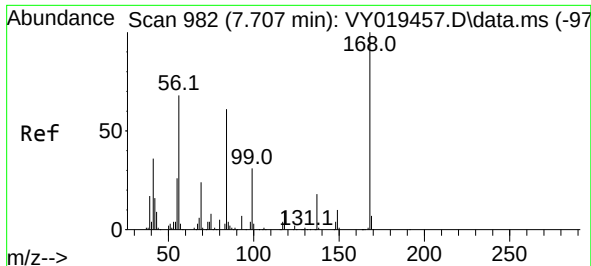
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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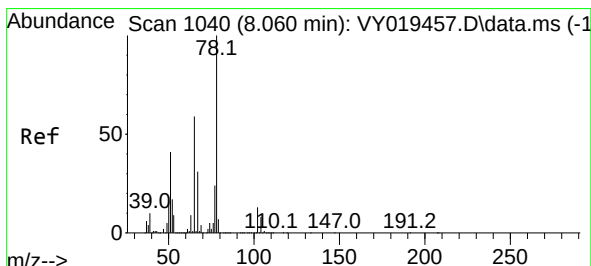
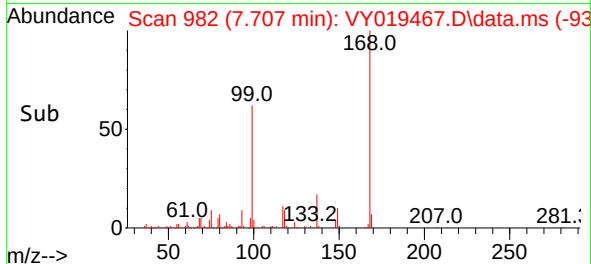
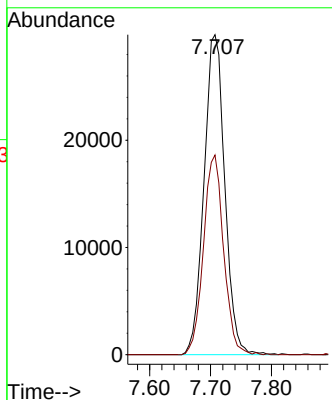
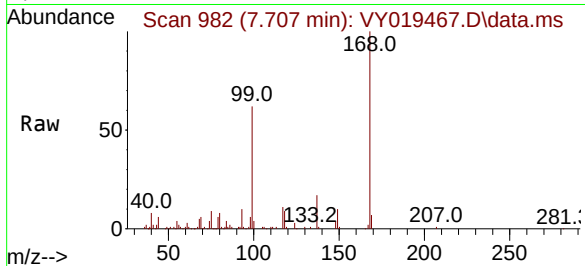




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019467.D
Acq: 09 Sep 2024 15:57

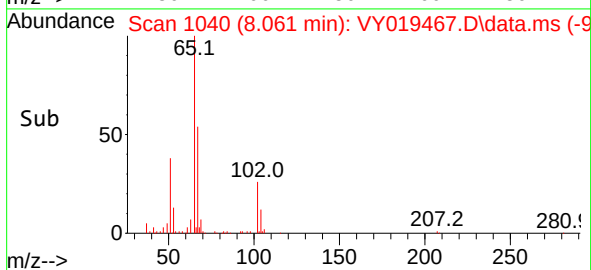
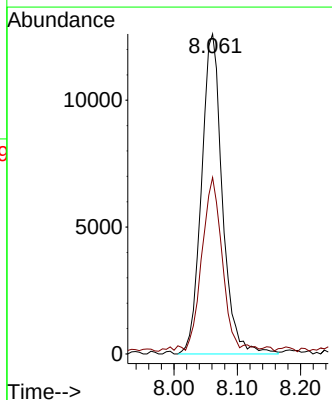
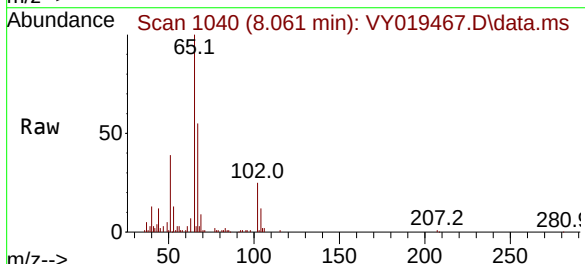
Instrument :
MSVOA_Y
ClientSampleId :
ETGI356

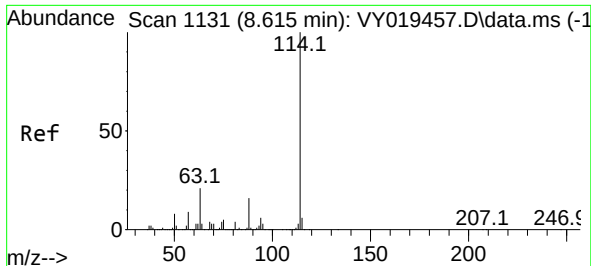
Tgt Ion:168 Resp: 70757
Ion Ratio Lower Upper
168 100
99 62.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 44.167 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019467.D
Acq: 09 Sep 2024 15:57

Tgt Ion: 65 Resp: 28938
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

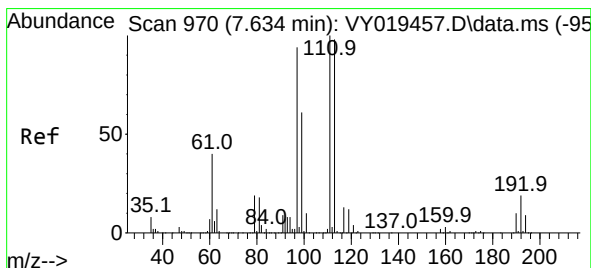
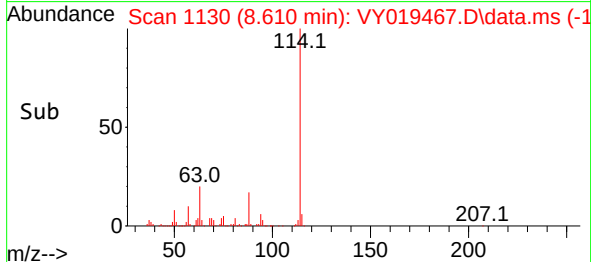
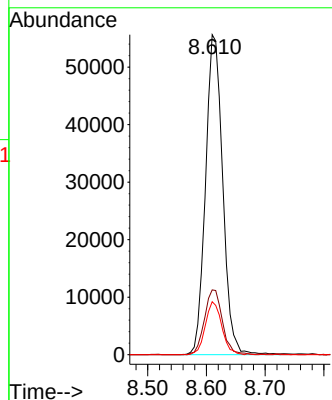
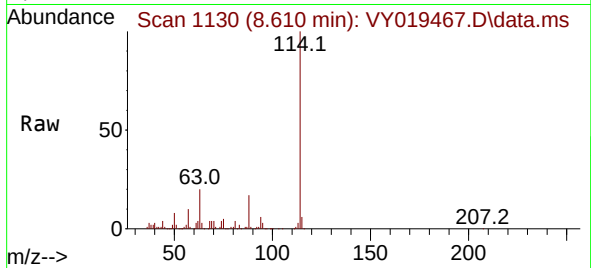




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019467.D
Acq: 09 Sep 2024 15:57

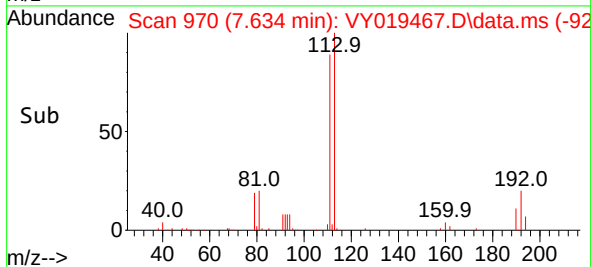
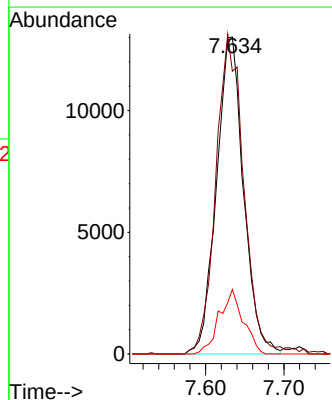
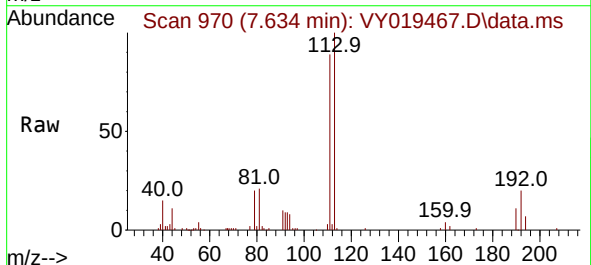
Instrument :
MSVOA_Y
ClientSampleId :
ETGI356

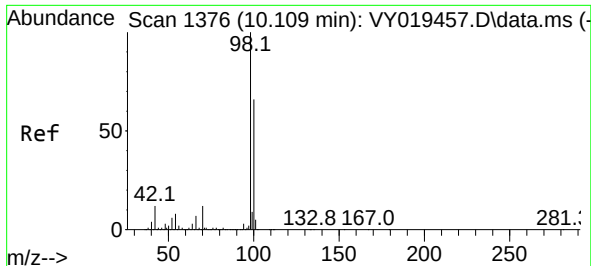
Tgt Ion:	114	Resp:	113138
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	35.0
88	16.5	0.0	27.2



#35
Dibromofluoromethane
Concen: 48.839 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019467.D
Acq: 09 Sep 2024 15:57

Tgt Ion:	113	Resp:	31329
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	18.0	15.9	23.9

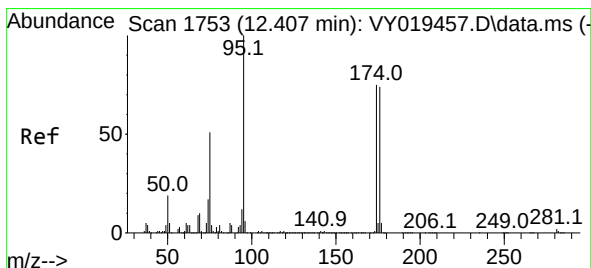
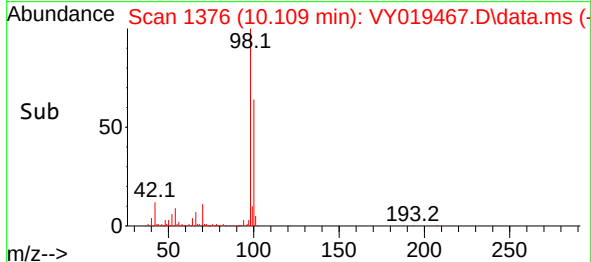
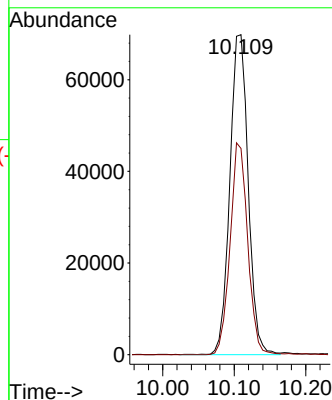
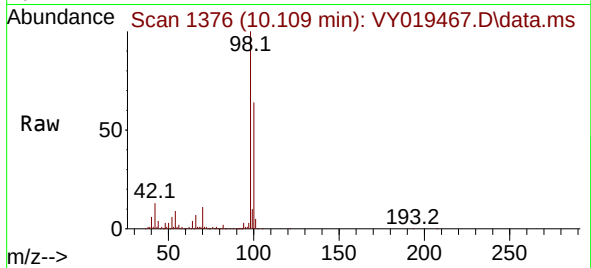




#50
Toluene-d8
Concen: 52.438 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019467.D
Acq: 09 Sep 2024 15:57

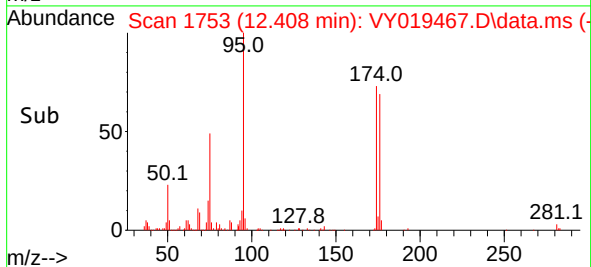
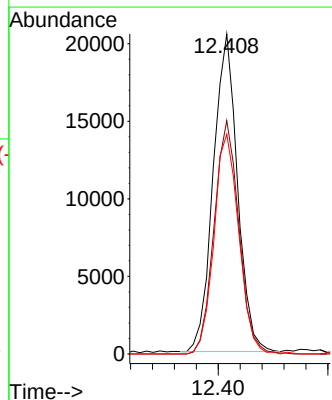
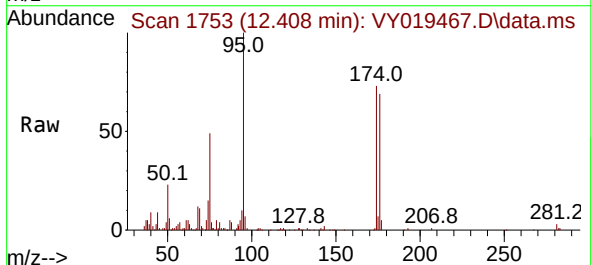
Instrument :
MSVOA_Y
ClientSampleId :
ETGI356

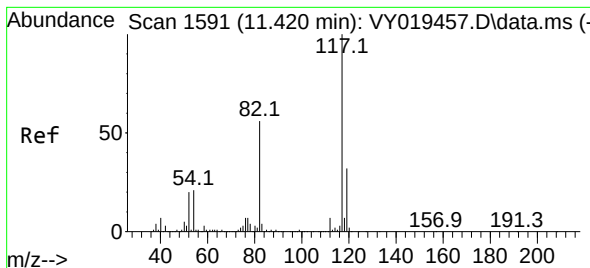
Tgt Ion: 98 Resp: 124418
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.444 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019467.D
Acq: 09 Sep 2024 15:57

Tgt Ion: 95 Resp: 31423
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 70.8 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: VY019467.D

Acq: 09 Sep 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

ETGI356

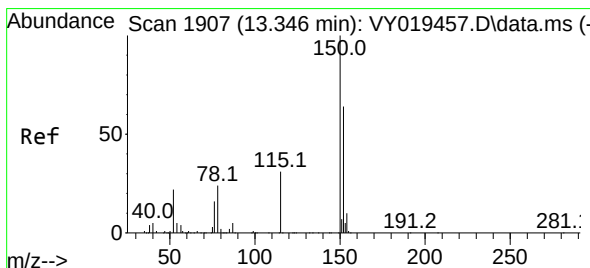
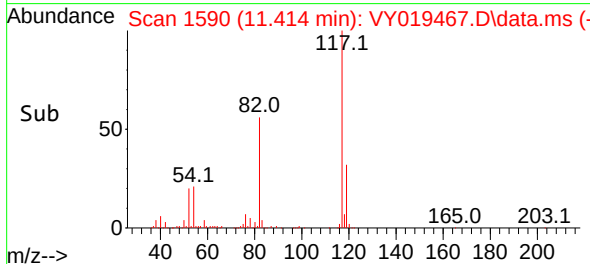
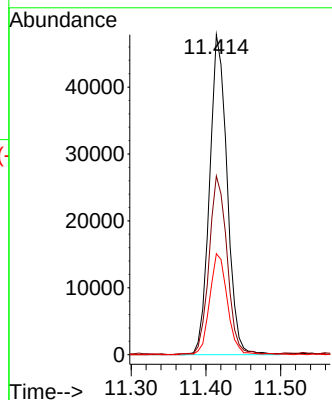
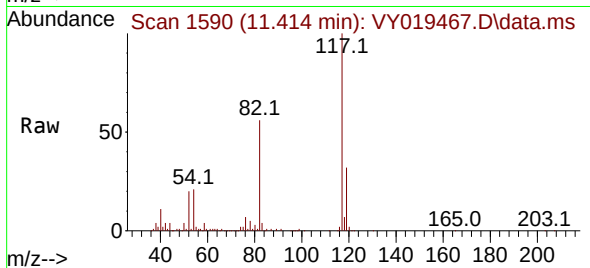
Tgt Ion:117 Resp: 77953

Ion Ratio Lower Upper

117 100

82 55.6 42.4 63.6

119 31.4 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: VY019467.D

Acq: 09 Sep 2024 15:57

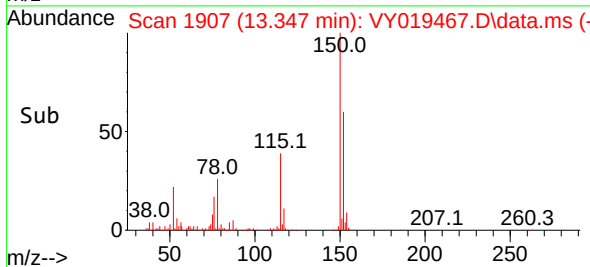
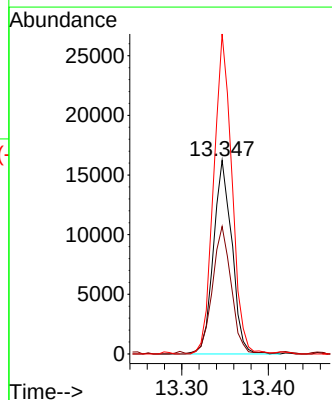
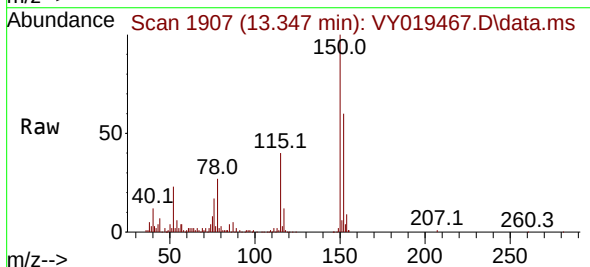
Tgt Ion:152 Resp: 24059

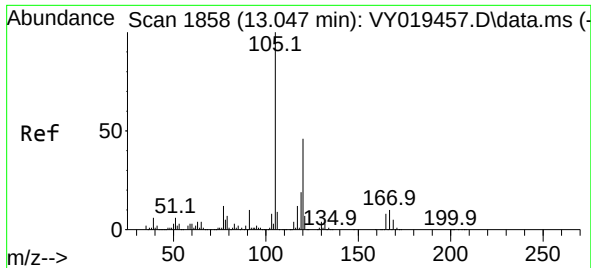
Ion Ratio Lower Upper

152 100

115 65.8 28.2 84.7

150 163.2 0.0 345.6





#84
 1,2,4-Trimethylbenzene
 Concen: 4.205 ug/l
 RT: 13.042 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY019467.D
 Acq: 09 Sep 2024 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI356

Tgt Ion:105 Resp: 5906
 Ion Ratio Lower Upper
 105 100
 120 41.9 23.2 69.6

