

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015381.D
 Acq On : 30 Aug 2023 16:37
 Operator : SY/MD
 Sample : 04219-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-350

Quant Time: Aug 31 01:02:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

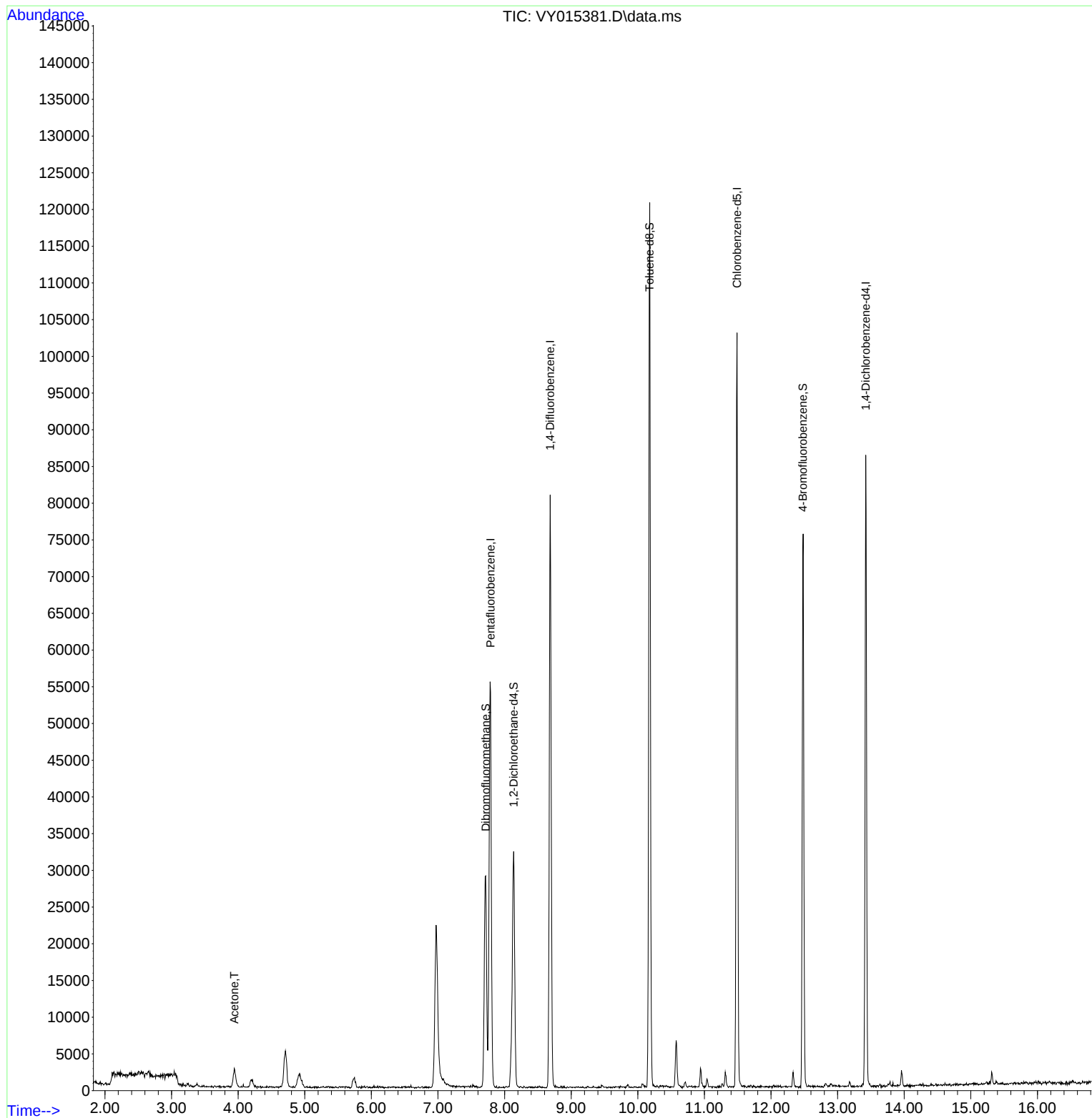
Internal Standards						
1) Pentafluorobenzene	7.789	168	43149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	55206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22938	49.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.716	113	21298	54.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.179	98	78530	55.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.740%
62) 4-Bromofluorobenzene	12.477	95	21324	40.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.000%
Target Compounds						
16) Acetone	3.942	43	4479	23.199	ug/l	Qvalue # 89

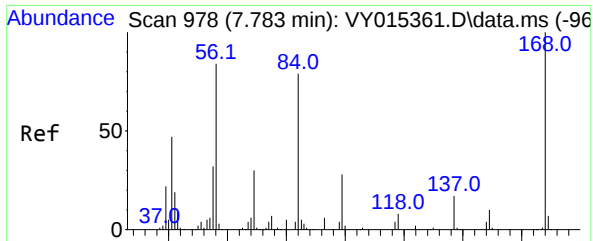
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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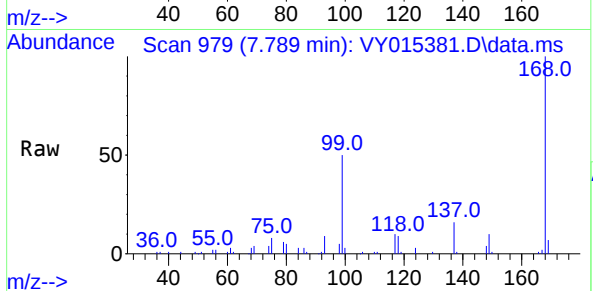
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration



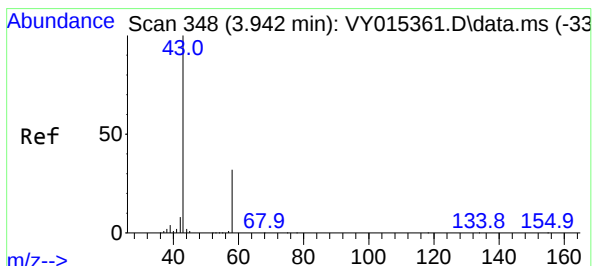
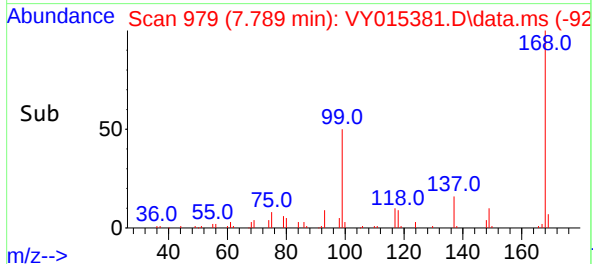
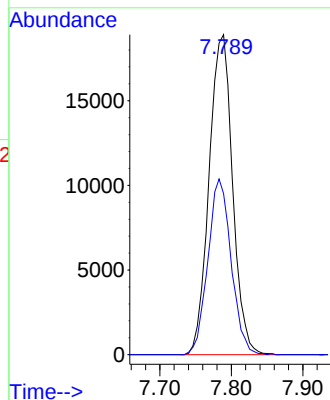


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015381.D
Acq: 30 Aug 2023 16:37

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-350

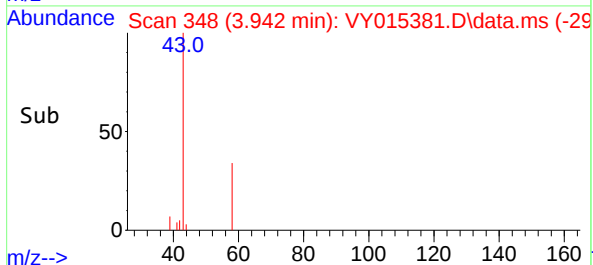
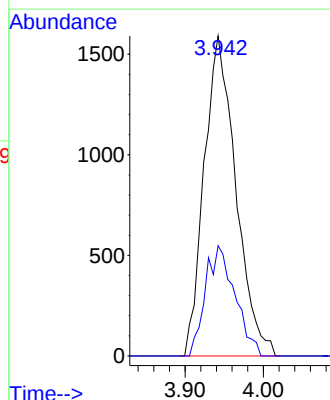
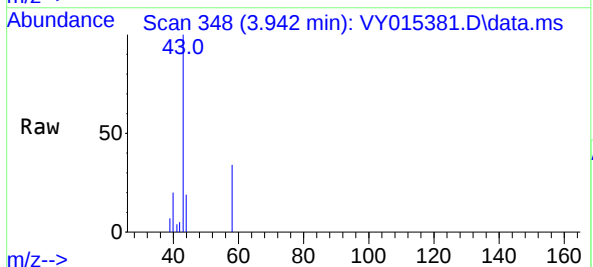


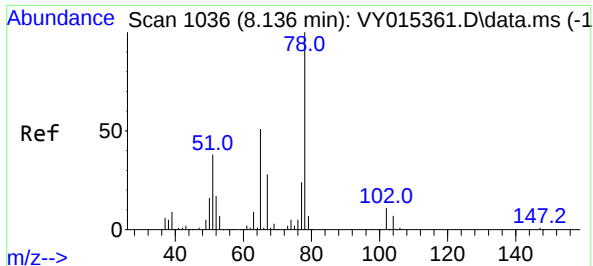
Tgt Ion:168 Resp: 43149
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#16
Acetone
Concen: 23.199 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015381.D
Acq: 30 Aug 2023 16:37

Tgt Ion: 43 Resp: 4479
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 49.590 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015381.D

Acq: 30 Aug 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

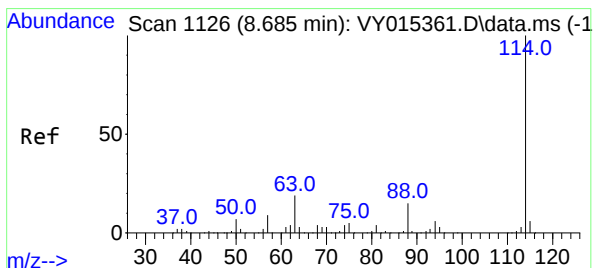
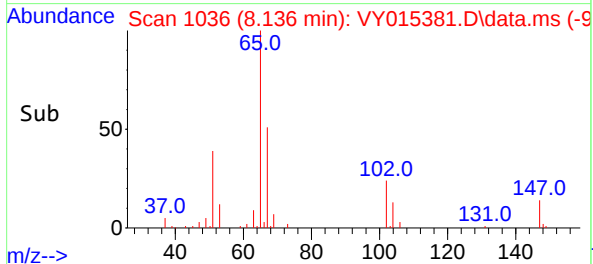
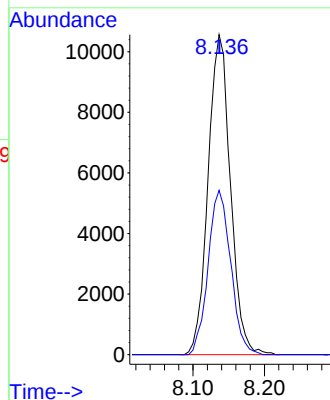
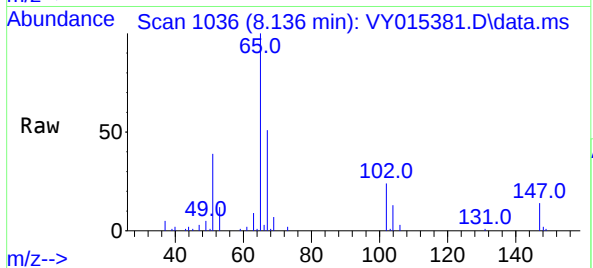
ETGI-350

Tgt Ion: 65 Resp: 22938

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015381.D

Acq: 30 Aug 2023 16:37

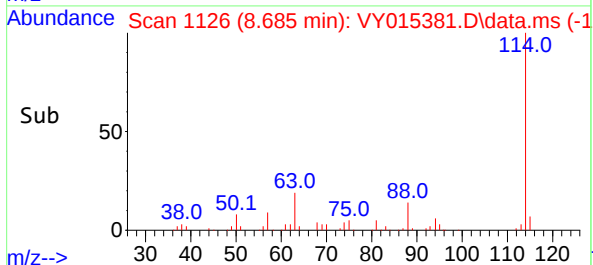
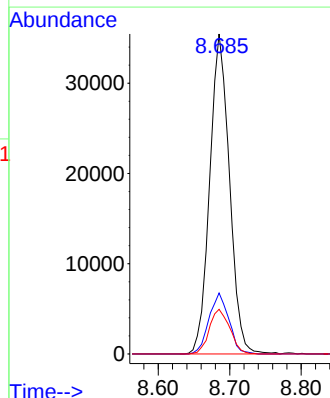
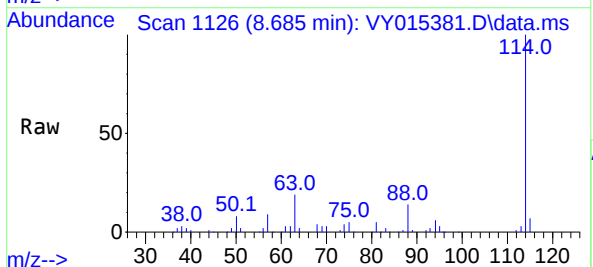
Tgt Ion: 114 Resp: 67991

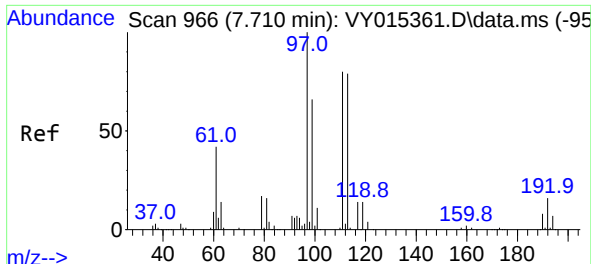
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 13.9 0.0 30.6

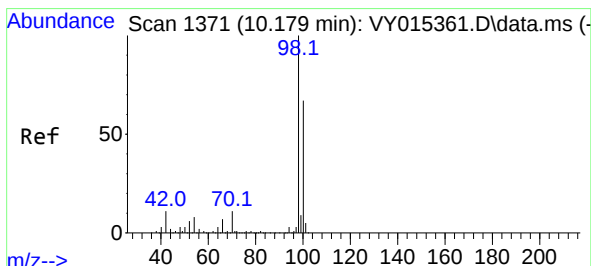
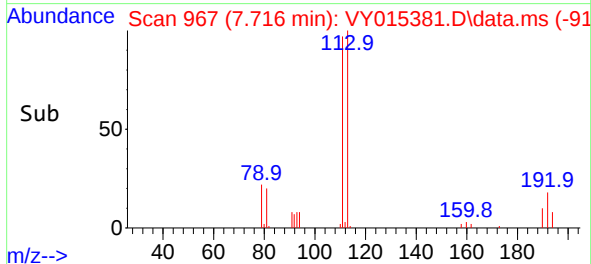
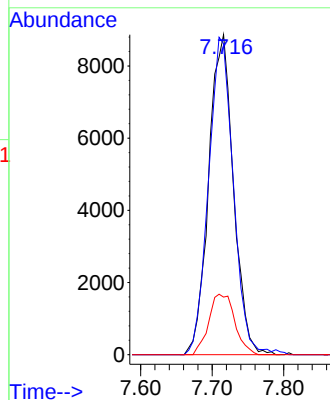
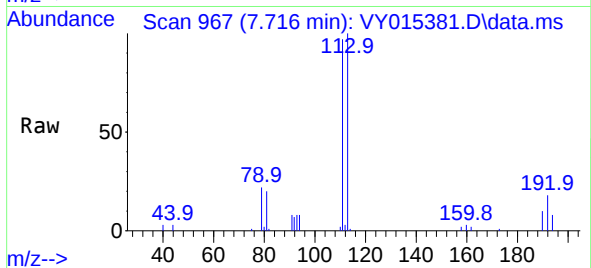




#35
Dibromofluoromethane
Concen: 54.385 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015381.D
Acq: 30 Aug 2023 16:37

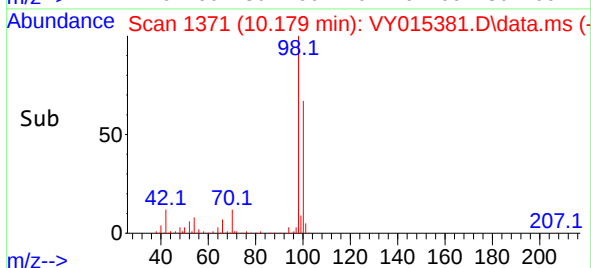
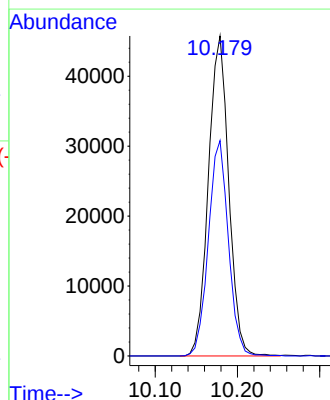
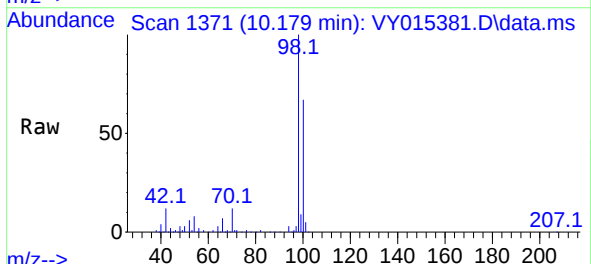
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-350

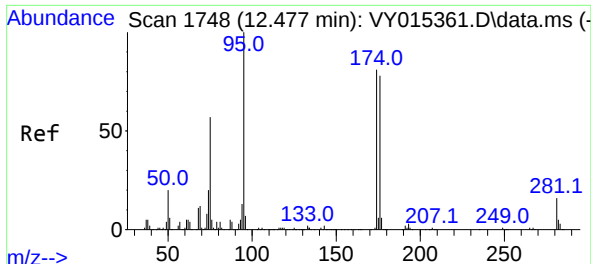
Tgt Ion:113 Resp: 21298
Ion Ratio Lower Upper
113 100
111 99.8 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 55.374 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015381.D
Acq: 30 Aug 2023 16:37

Tgt Ion: 98 Resp: 78530
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

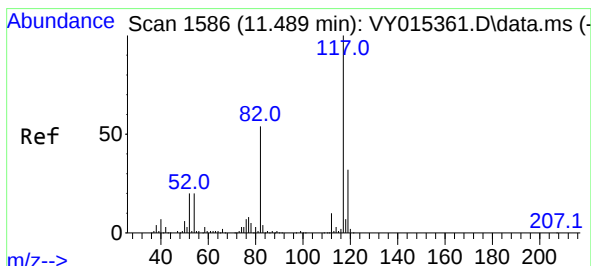
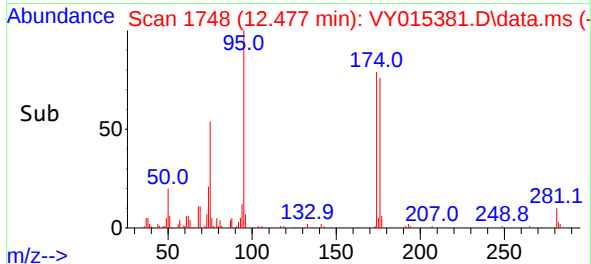
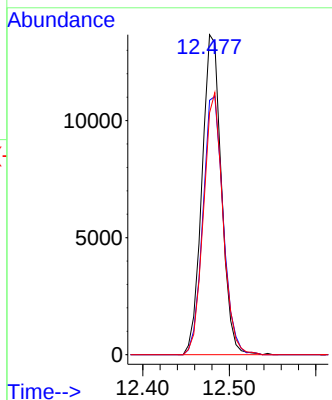
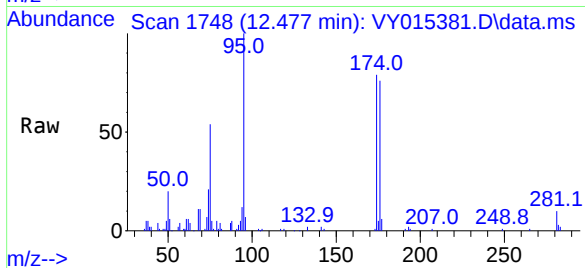




#62
4-Bromofluorobenzene
Concen: 40.503 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015381.D
Acq: 30 Aug 2023 16:37

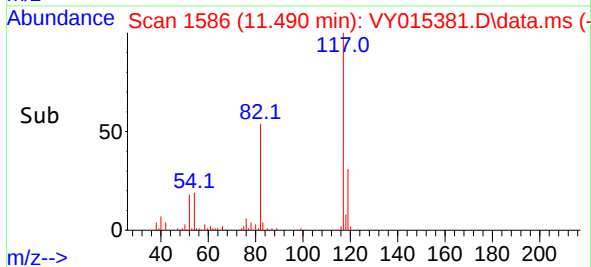
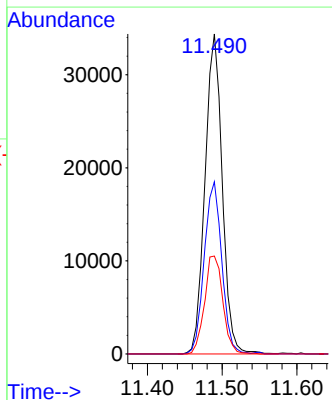
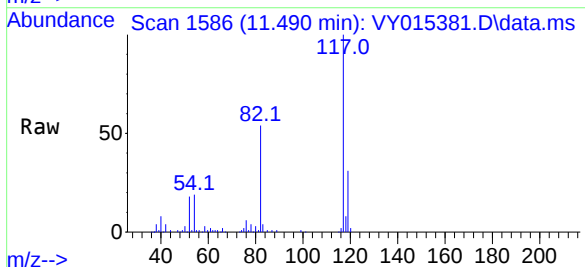
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-350

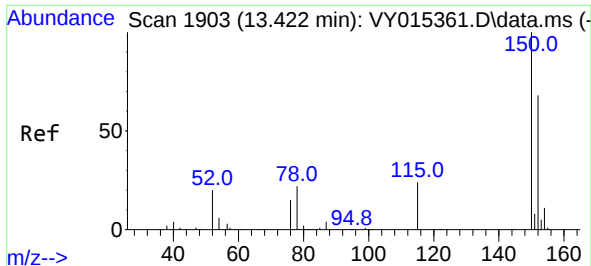
Tgt Ion:	95	Resp:	21324
Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	178.2
176	81.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015381.D
Acq: 30 Aug 2023 16:37

Tgt Ion:	117	Resp:	55206
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	30.6	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015381.D

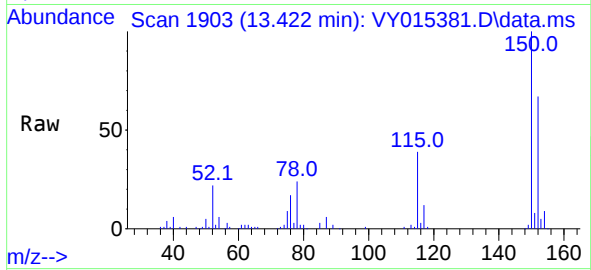
Acq: 30 Aug 2023 16:37

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-350



Tgt Ion:152 Resp: 22585

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 153.1 0.0 348.8

