

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009558.D
 Acq On : 13 Jul 2022 15:00
 Operator : KP/MD
 Sample : N3687-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346

Quant Time: Jul 14 02:44:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

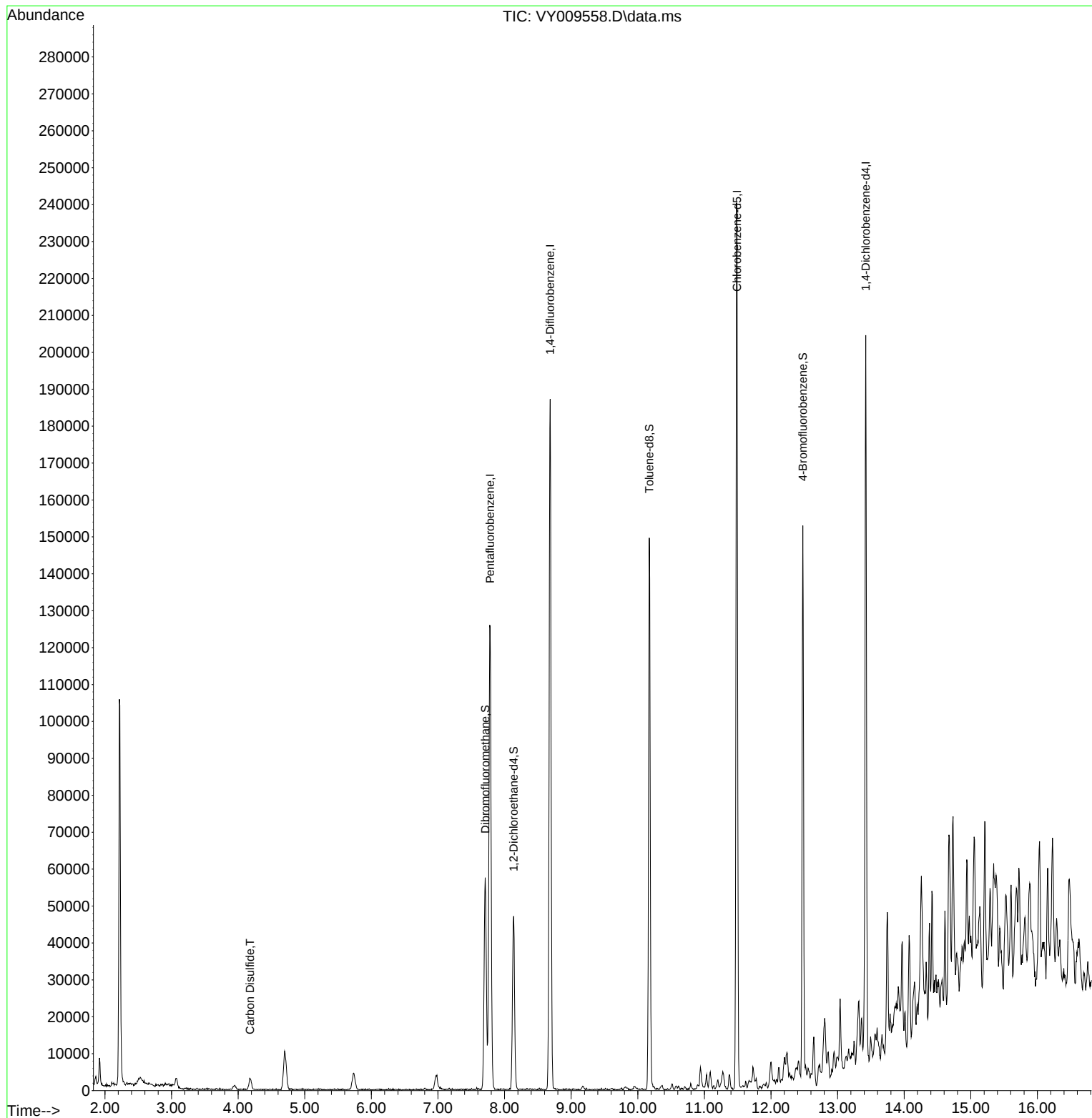
Internal Standards						
1) Pentafluorobenzene	7.783	168	102600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	161869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	36337	50.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.640%
35) Dibromofluoromethane	7.710	113	39331	46.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.360%
50) Toluene-d8	10.173	98	94404	38.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.140%#
62) 4-Bromofluorobenzene	12.477	95	41966	34.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	69.820%
Target Compounds						
17) Carbon Disulfide	4.180	76	6185	6.443	ug/l	Qvalue 96

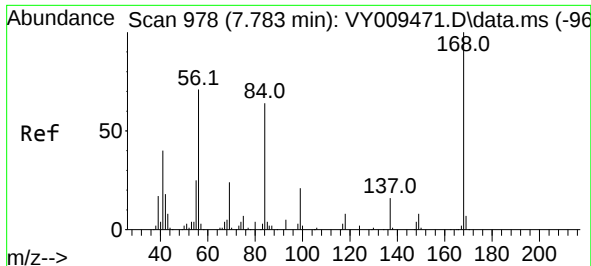
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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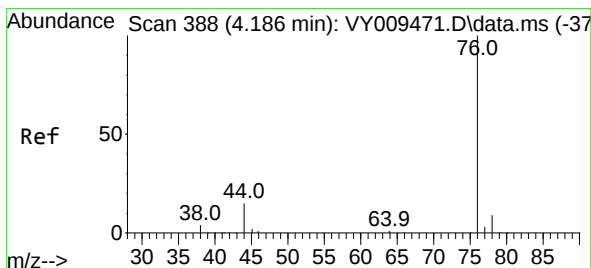
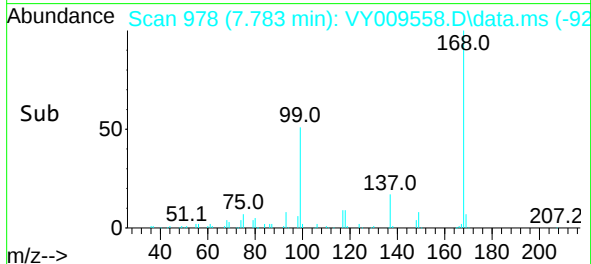
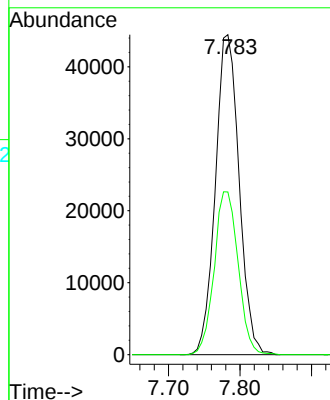
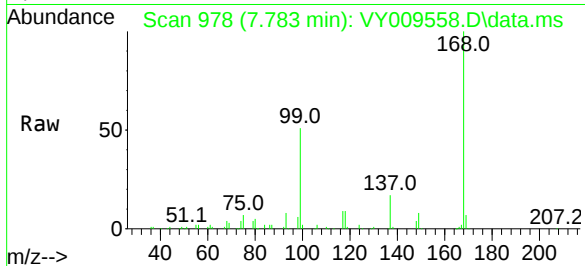




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009558.D
Acq: 13 Jul 2022 15:00

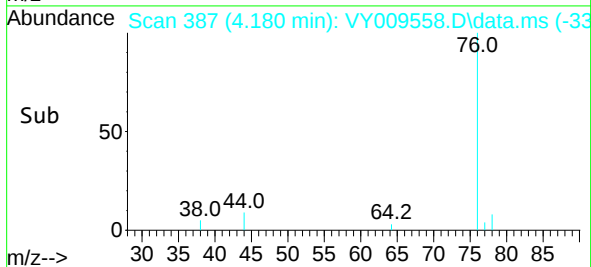
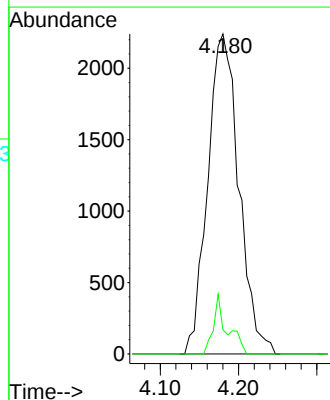
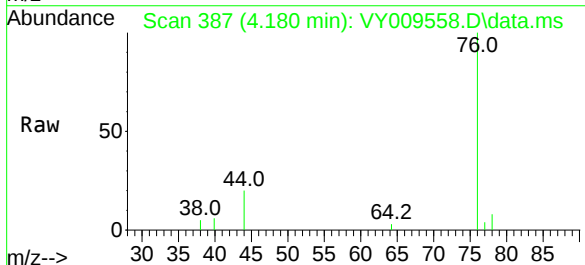
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346

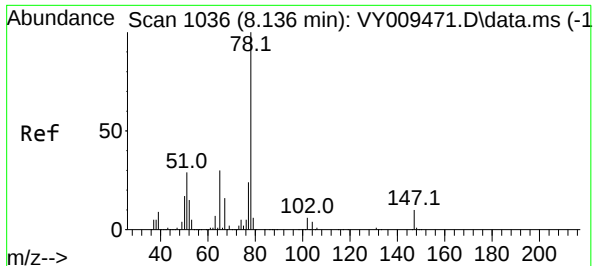
Tgt Ion:168 Resp: 102600
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#17
Carbon Disulfide
Concen: 6.443 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009558.D
Acq: 13 Jul 2022 15:00

Tgt Ion: 76 Resp: 6185
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 50.318 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY009558.D

Acq: 13 Jul 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

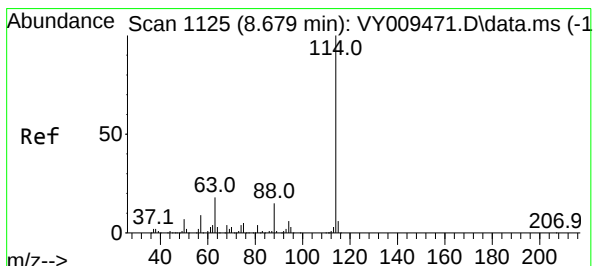
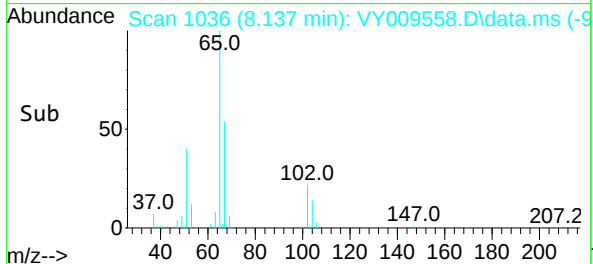
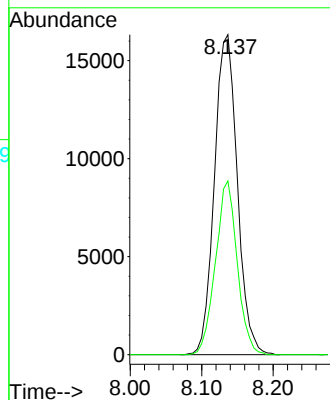
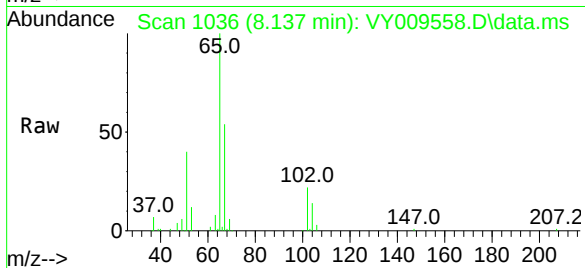
ETGI-346

Tgt Ion: 65 Resp: 36337

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009558.D

Acq: 13 Jul 2022 15:00

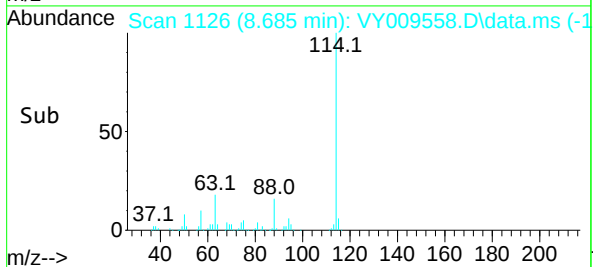
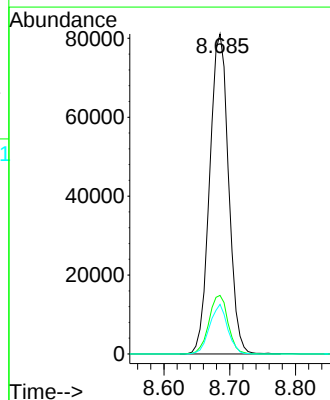
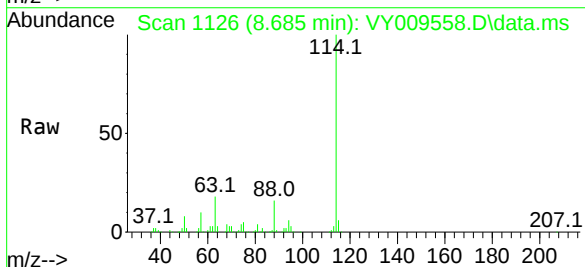
Tgt Ion: 114 Resp: 161869

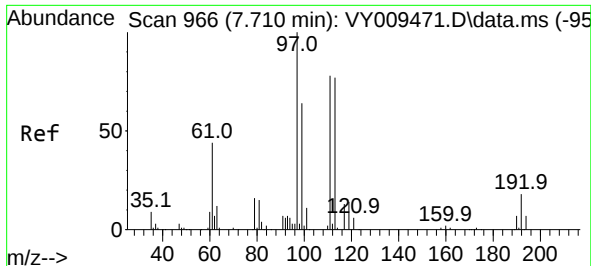
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.5 0.0 31.8

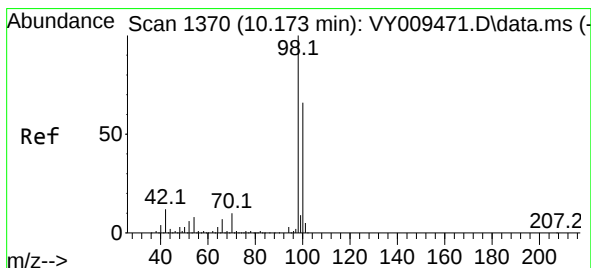
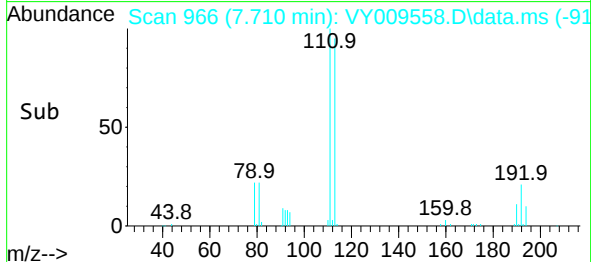
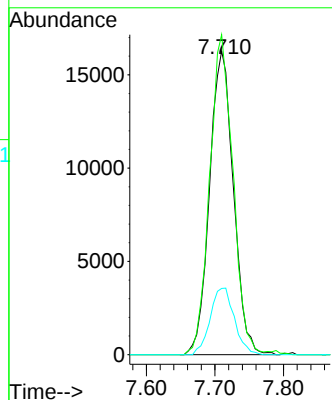
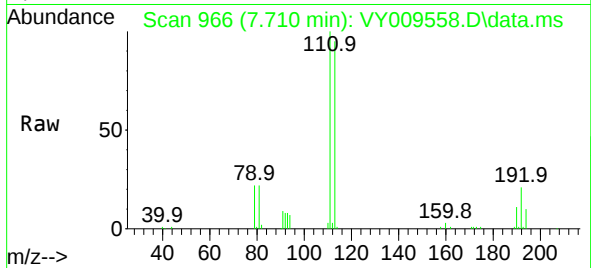




#35
 Dibromofluoromethane
 Concen: 46.179 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY009558.D
 Acq: 13 Jul 2022 15:00

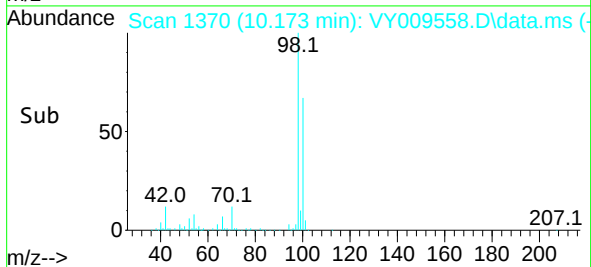
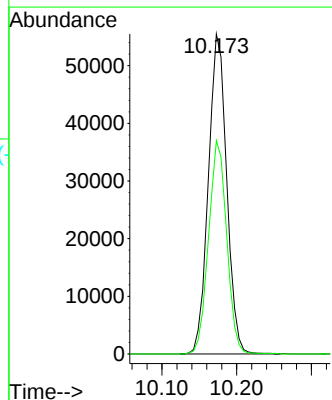
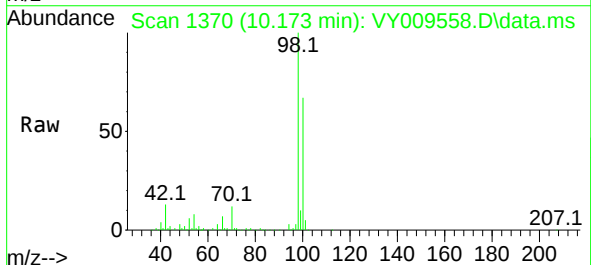
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346

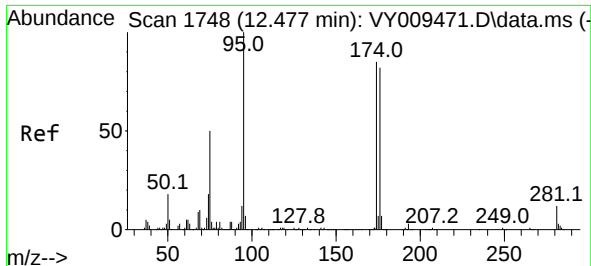
Tgt Ion:113 Resp: 39331
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 124.0
 192 22.2 17.6 26.4



#50
 Toluene-d8
 Concen: 38.570 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009558.D
 Acq: 13 Jul 2022 15:00

Tgt Ion: 98 Resp: 94404
 Ion Ratio Lower Upper
 98 100
 100 66.2 50.2 75.2

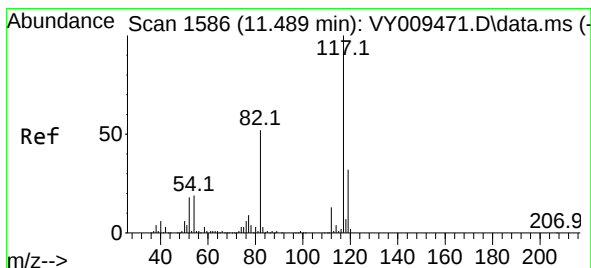
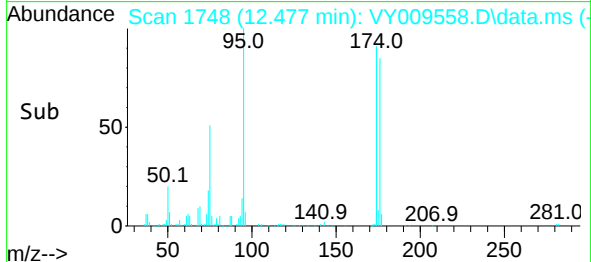
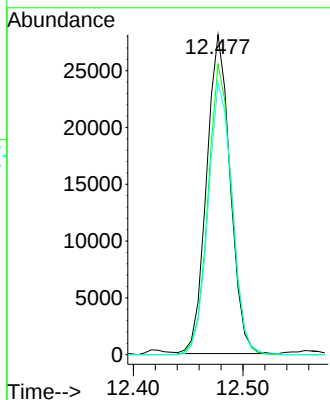
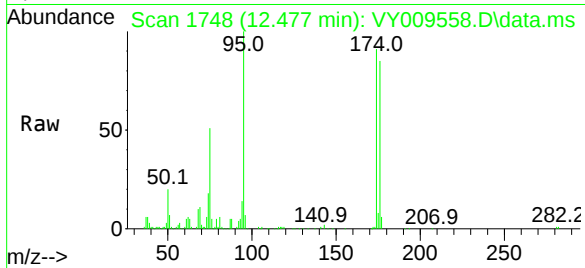




#62
4-Bromofluorobenzene
Concen: 34.906 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009558.D
Acq: 13 Jul 2022 15:00

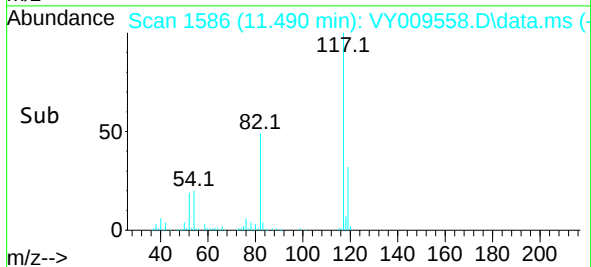
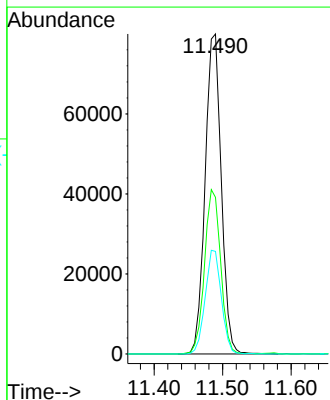
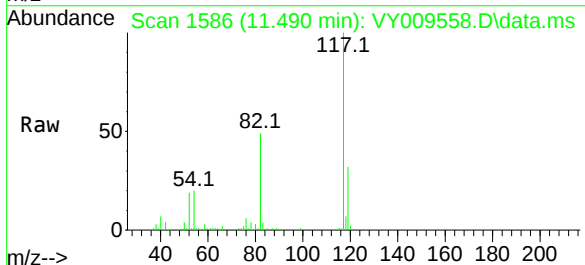
Instrument :
MSVOA_Y
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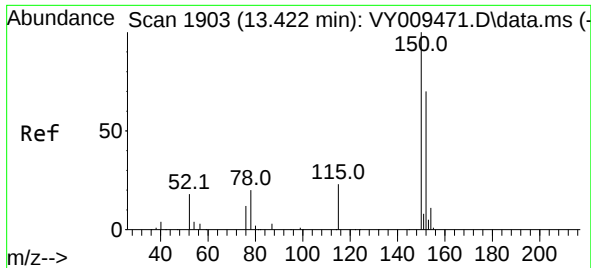
Tgt Ion: 95 Resp: 41966
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009558.D
Acq: 13 Jul 2022 15:00

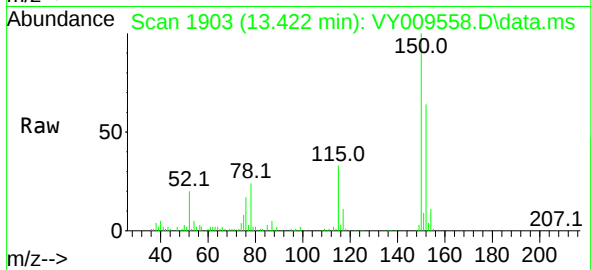
Tgt Ion: 117 Resp: 131125
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009558.D
 Acq: 13 Jul 2022 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346



Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	28.2	84.7
150	153.5	0.0	347.6

