

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006868.D
 Acq On : 23 Nov 2021 14:34
 Operator : SY/MD
 Sample : M4781-01
 Misc : 4.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

Quant Time: Nov 24 02:04:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	89044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	152478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	135767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66042	56.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.728	113	47141	50.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.185	98	190605	49.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.489	95	55237	42.276	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.560%

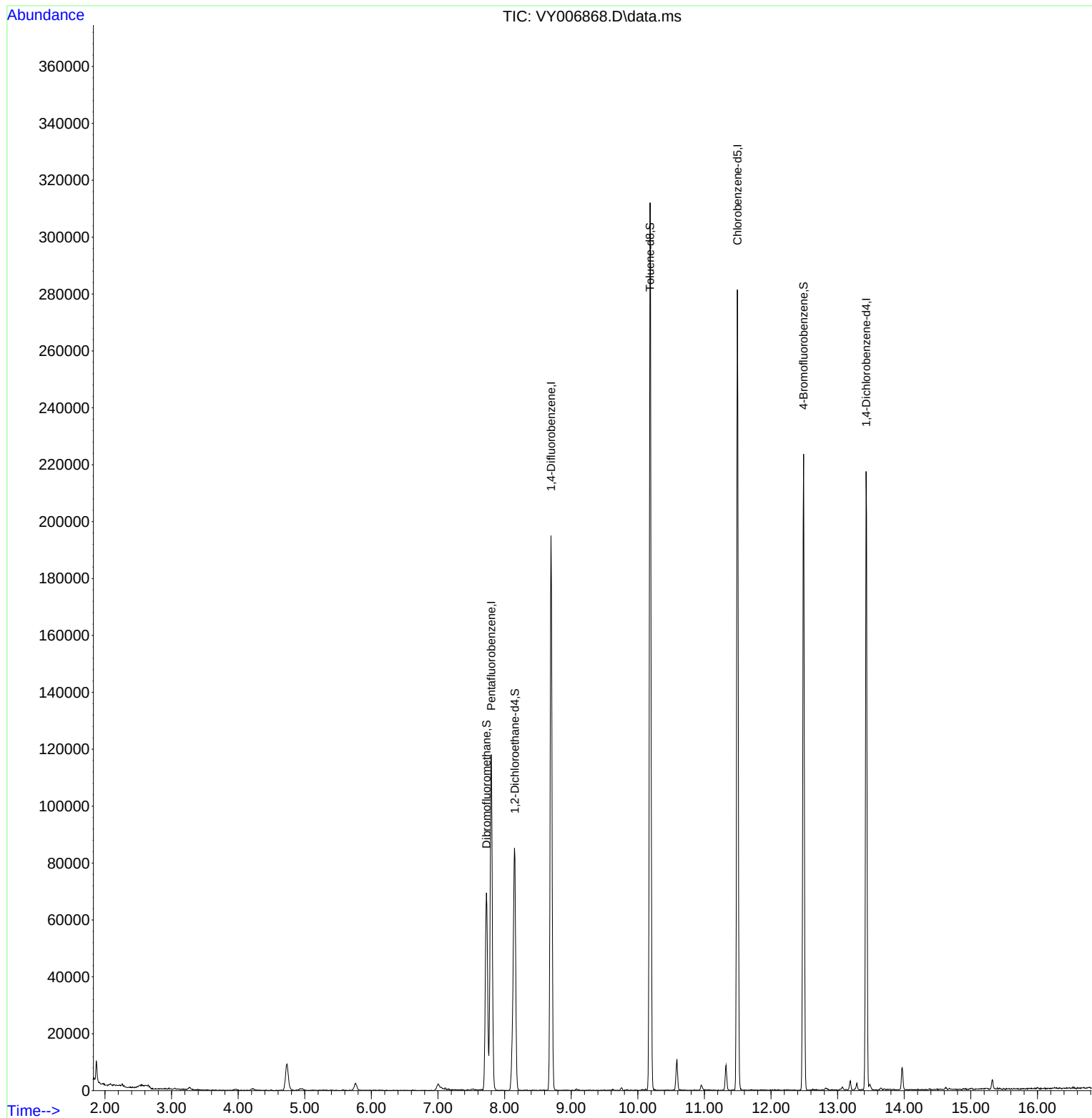
Target Compounds	Qvalue

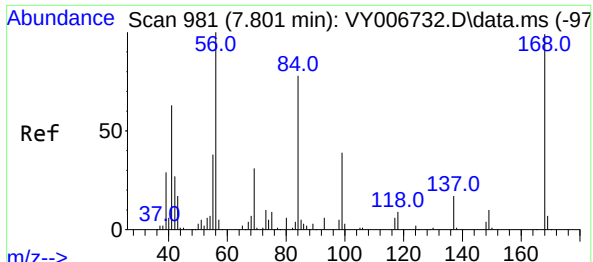
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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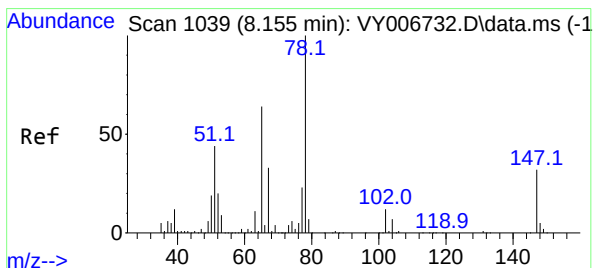
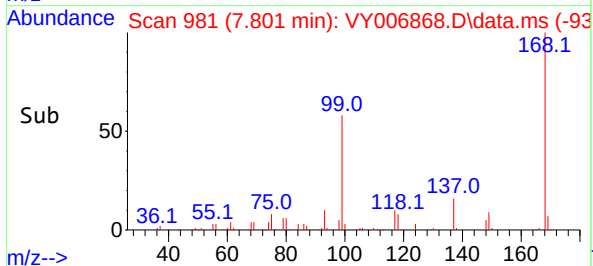
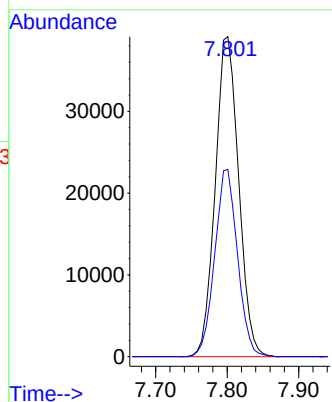
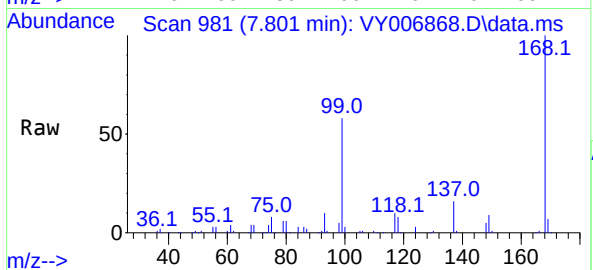




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

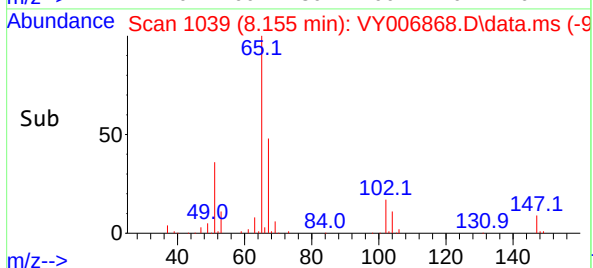
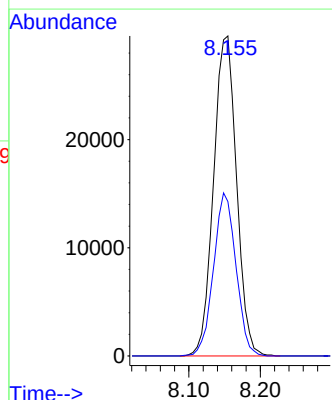
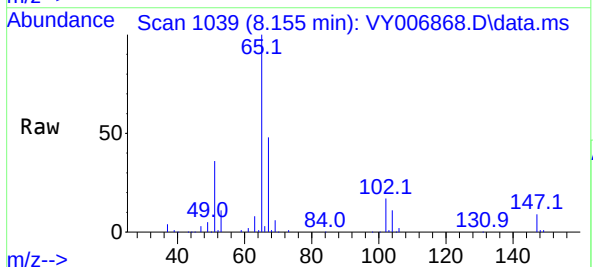
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

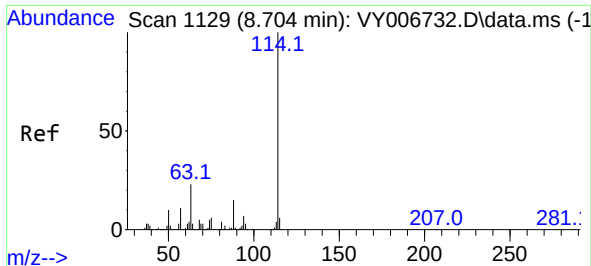
Tgt Ion:168 Resp: 89044
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 56.590 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Tgt Ion: 65 Resp: 66042
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006868.D

Acq: 23 Nov 2021 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

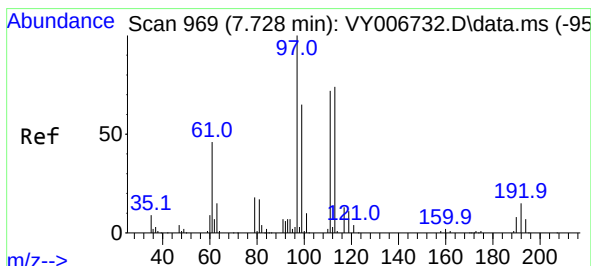
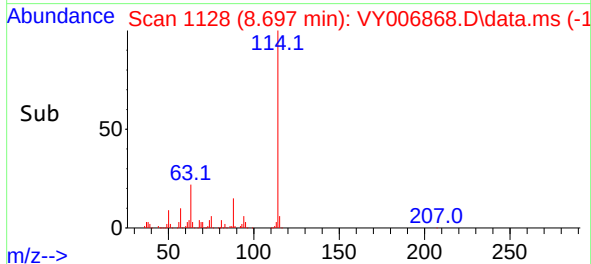
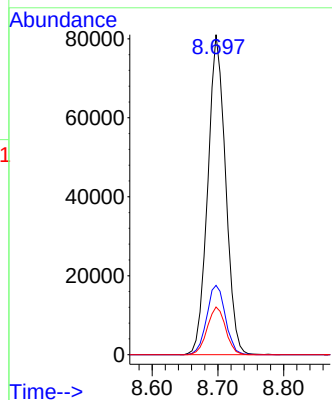
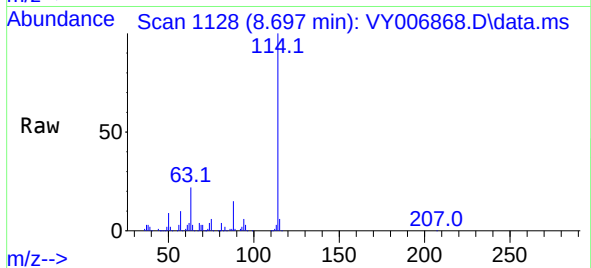
Tgt Ion:114 Resp: 152478

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.333 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006868.D

Acq: 23 Nov 2021 14:34

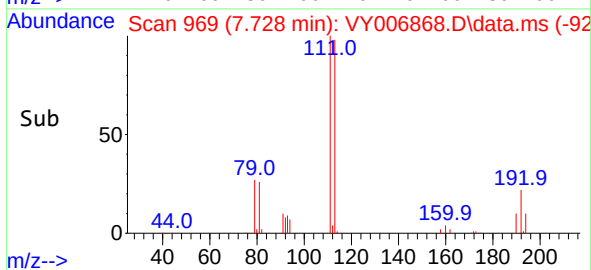
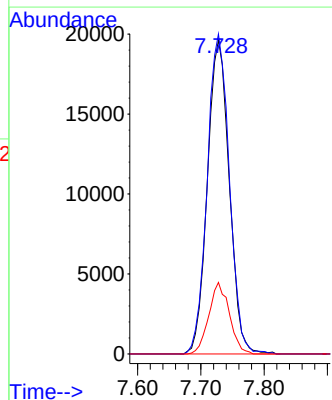
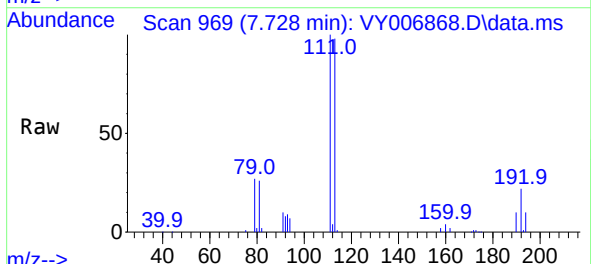
Tgt Ion:113 Resp: 47141

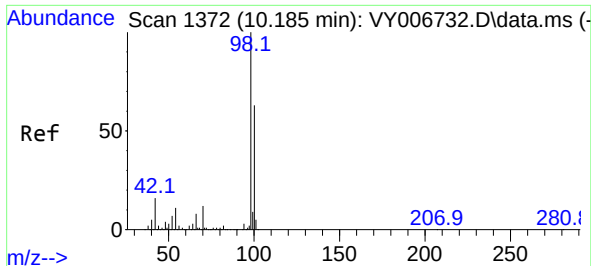
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 21.4 17.4 26.2

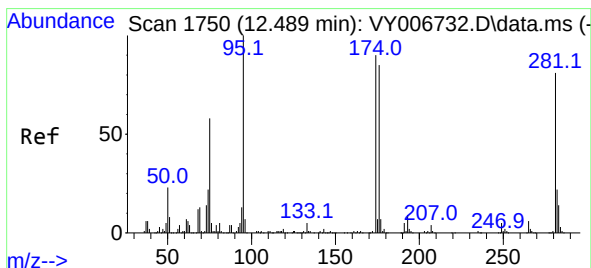
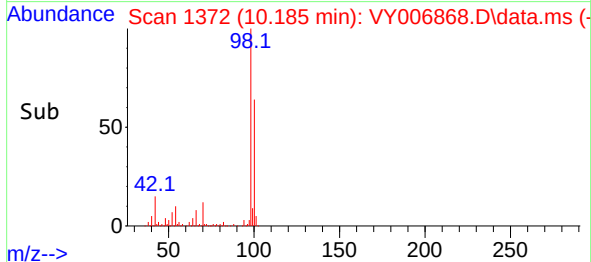
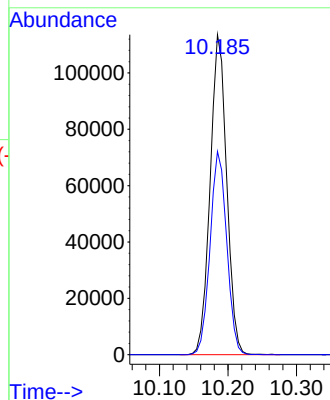
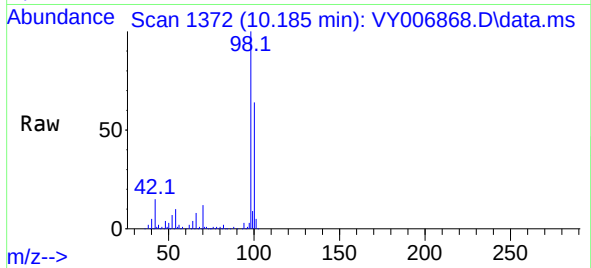




#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

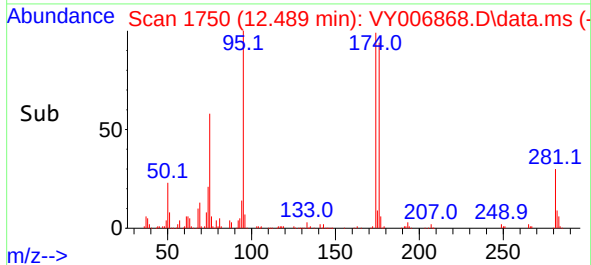
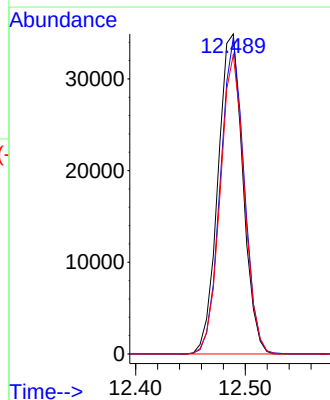
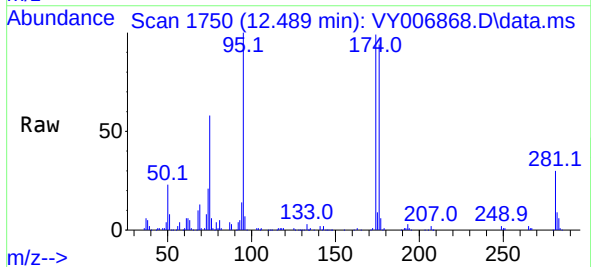
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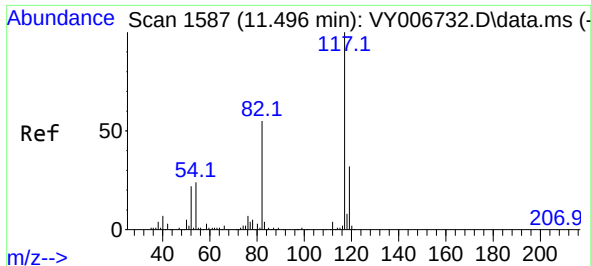
Tgt Ion: 98 Resp: 190605
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.276 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Tgt Ion: 95 Resp: 55237
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 90.1 0.0 169.4

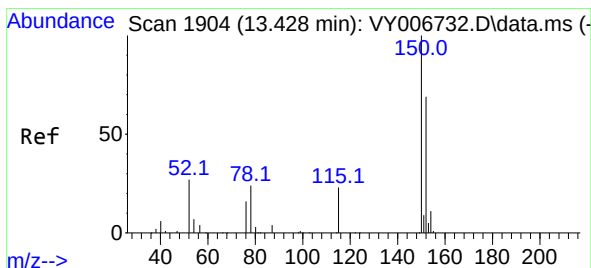
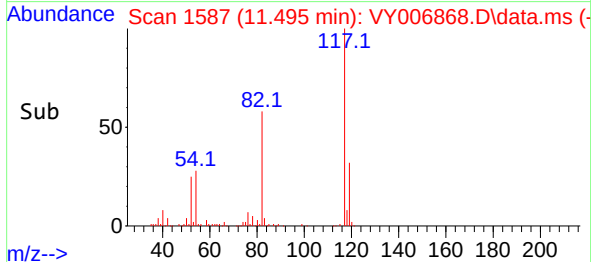
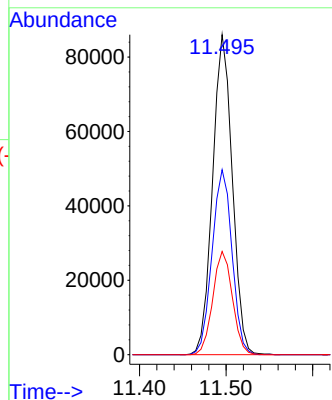
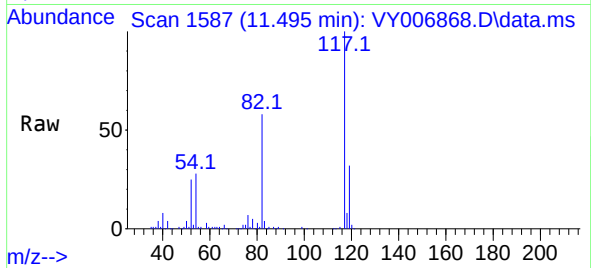




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

Tgt Ion:117 Resp: 135767
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Tgt Ion:152 Resp: 54420
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.5
150 156.8 0.0 348.2

