

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006856.D
 Acq On : 22 Nov 2021 16:17
 Operator : SY/MD
 Sample : M4781-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

Quant Time: Nov 23 04:48:08 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	7.795	168	5145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	8048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3584	53.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.300%
35) Dibromofluoromethane	7.722	113	2523	51.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.185	98	9632	47.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.483	95	1961	28.435	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.880%

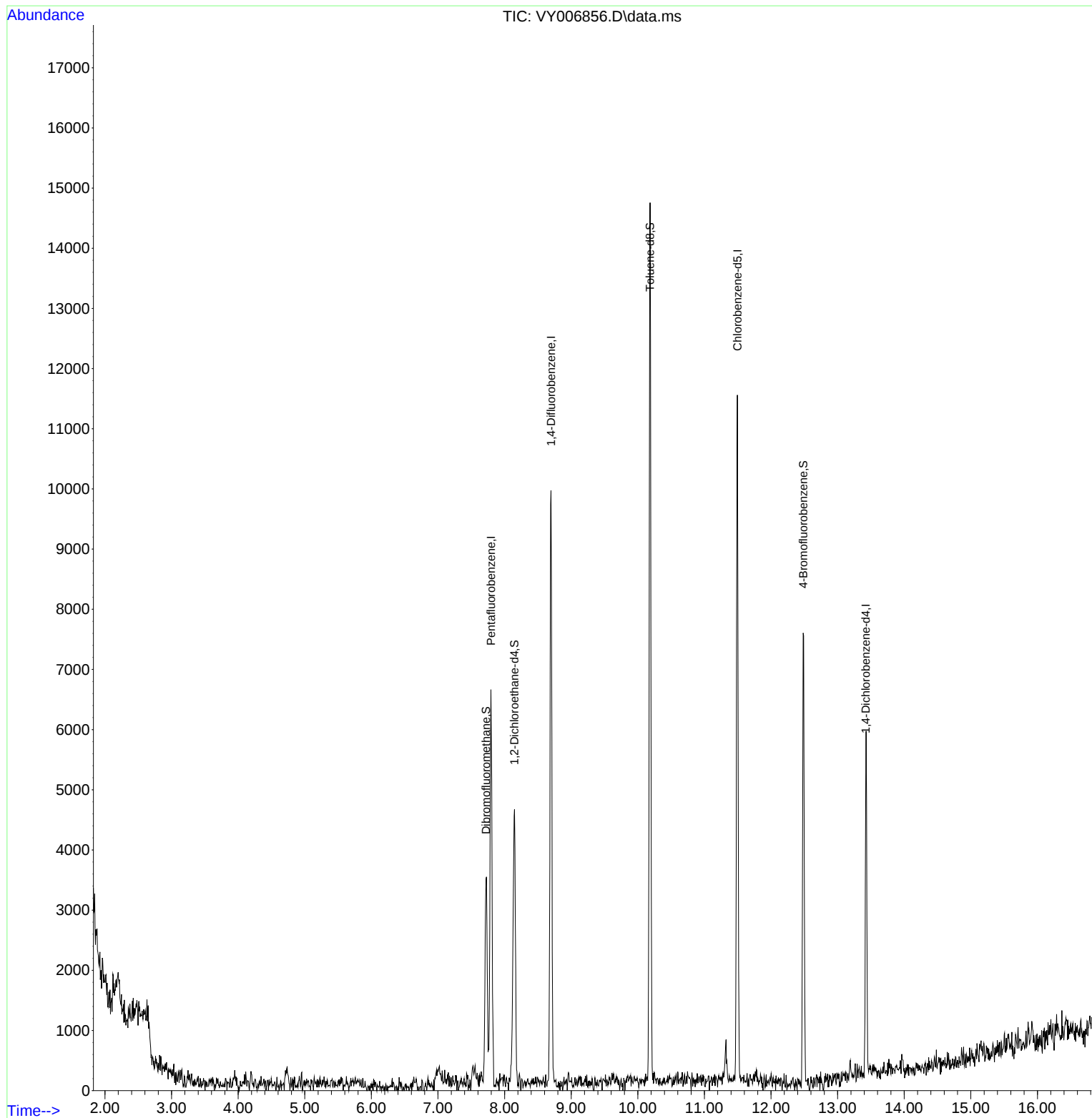
Target Compounds	Qvalue

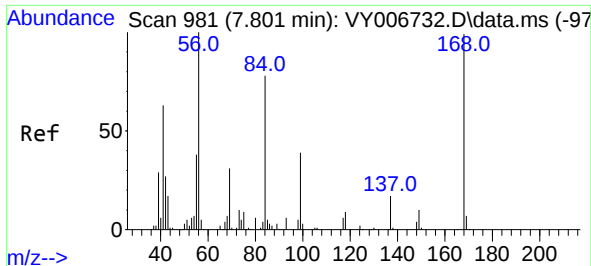
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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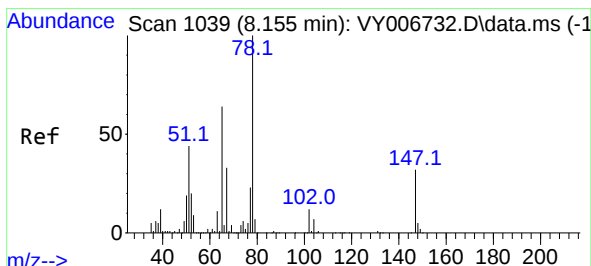
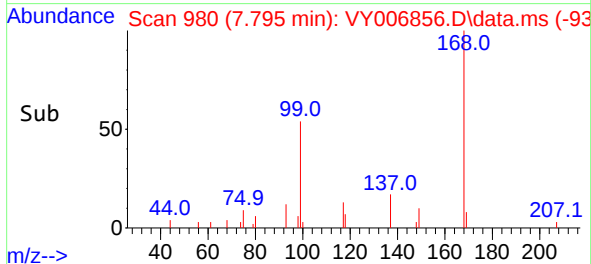
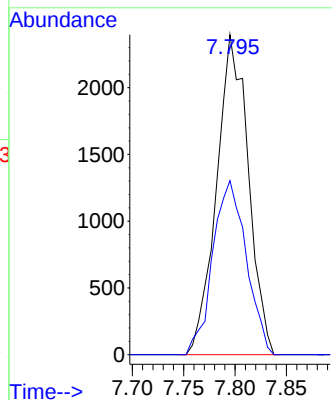
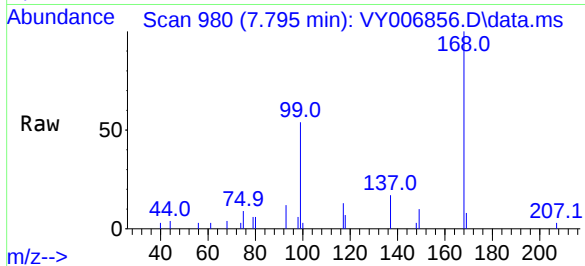




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006856.D
Acq: 22 Nov 2021 16:17

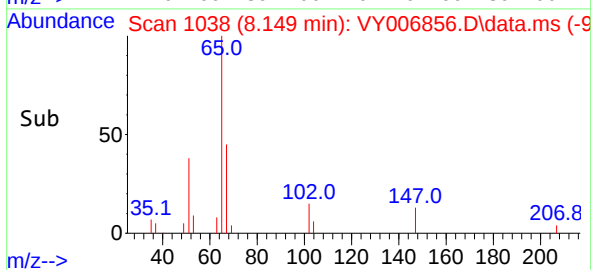
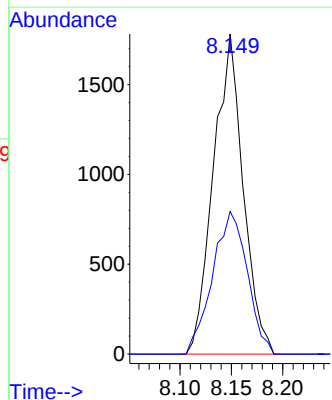
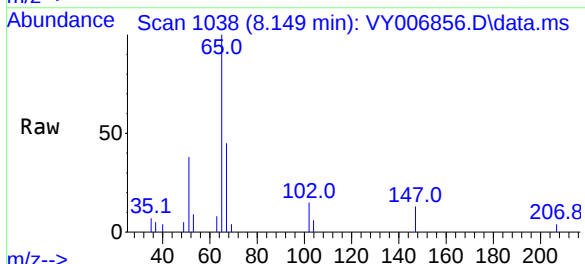
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

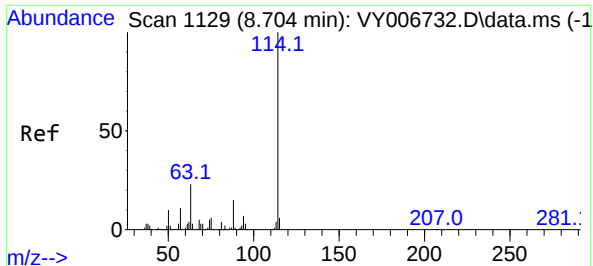
Tgt Ion:168 Resp: 5145
Ion Ratio Lower Upper
168 100
99 54.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 53.150 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006856.D
Acq: 22 Nov 2021 16:17

Tgt Ion: 65 Resp: 3584
Ion Ratio Lower Upper
65 100
67 52.0 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: VY006856.D

Acq: 22 Nov 2021 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

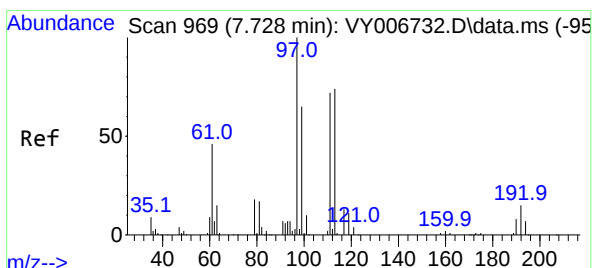
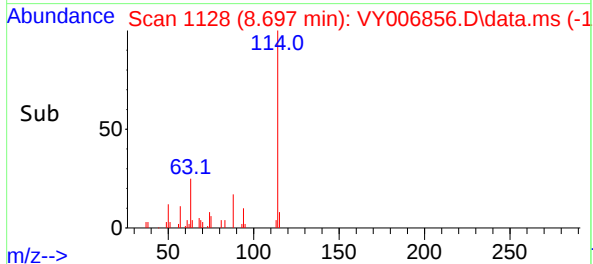
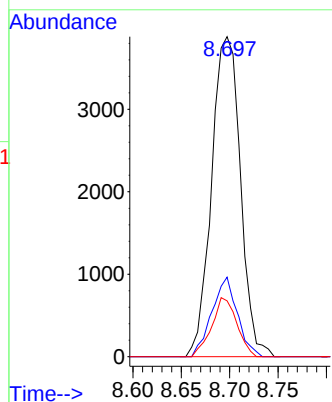
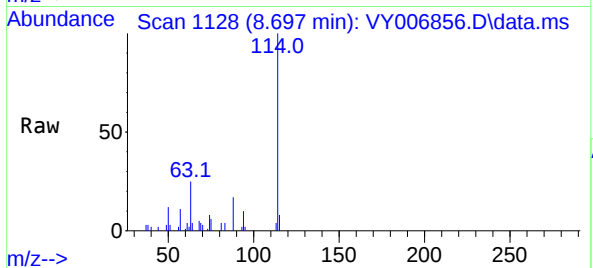
Tgt Ion:114 Resp: 8048

Ion Ratio Lower Upper

114 100

63 24.9 0.0 45.0

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.038 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006856.D

Acq: 22 Nov 2021 16:17

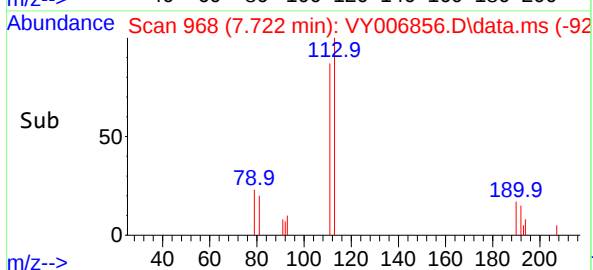
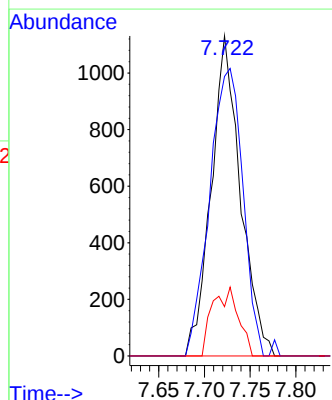
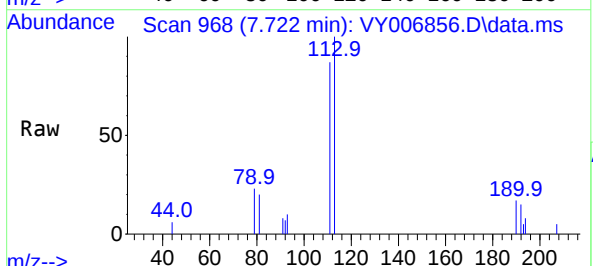
Tgt Ion:113 Resp: 2523

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

192 19.0 17.4 26.2

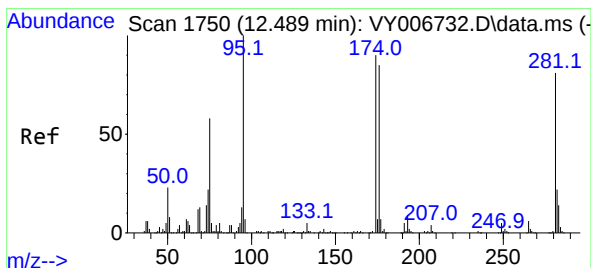
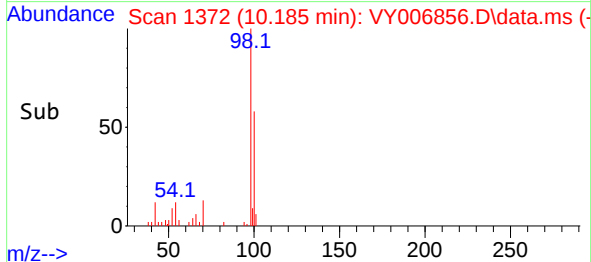
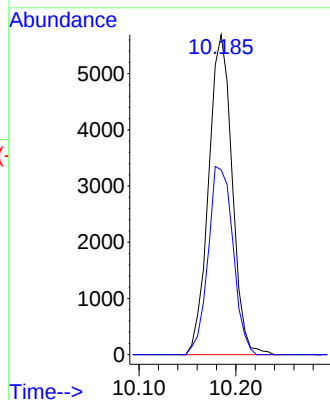
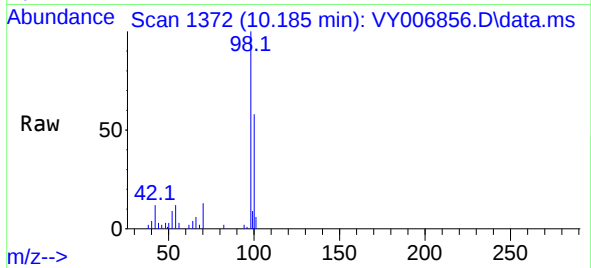




#50
Toluene-d8
Concen: 47.085 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006856.D
Acq: 22 Nov 2021 16:17

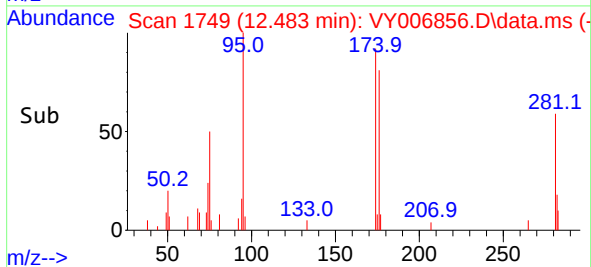
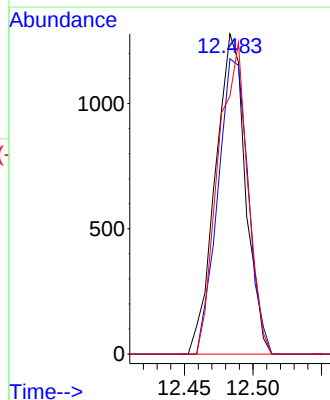
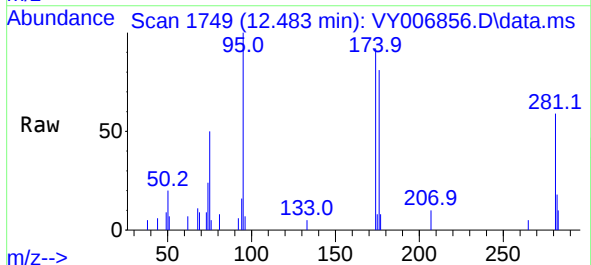
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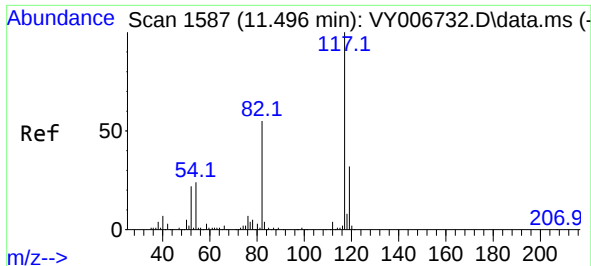
Tgt Ion: 98 Resp: 9632
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 28.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006856.D
Acq: 22 Nov 2021 16:17

Tgt Ion: 95 Resp: 1961
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 95.3 0.0 169.4



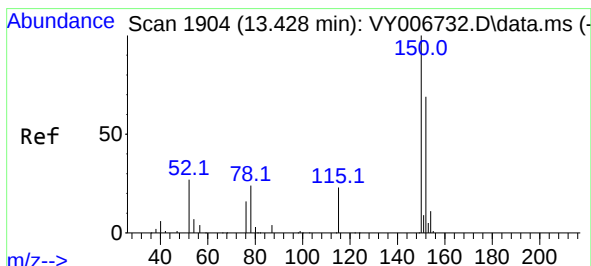
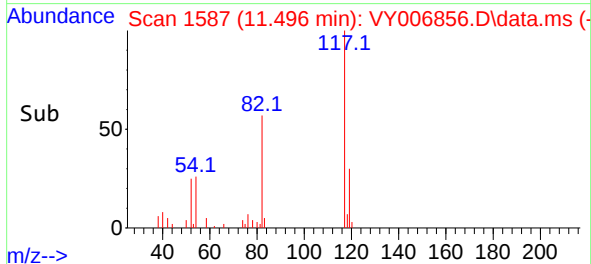
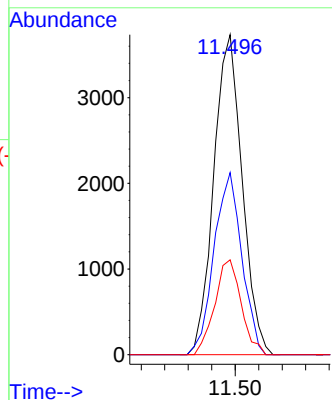
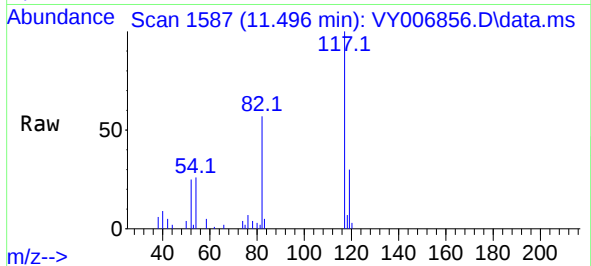


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006856.D
Acq: 22 Nov 2021 16:17

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

Tgt Ion:117 Resp: 6277

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.7	68.5
119	29.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006856.D
Acq: 22 Nov 2021 16:17

Tgt Ion:152 Resp: 1588

Ion	Ratio	Lower	Upper
152	100		
115	67.0	28.5	85.5
150	156.0	0.0	348.2

