

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017343.D
 Acq On : 09 Feb 2024 16:44
 Operator : SY/MD
 Sample : P1413-06
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-358

Quant Time: Feb 09 22:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	15255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23141	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	17992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5847	42.905	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.800%
35) Dibromofluoromethane	7.716	113	7146	57.192	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.380%
50) Toluene-d8	10.179	98	21126	46.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.483	95	4372	29.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.680%

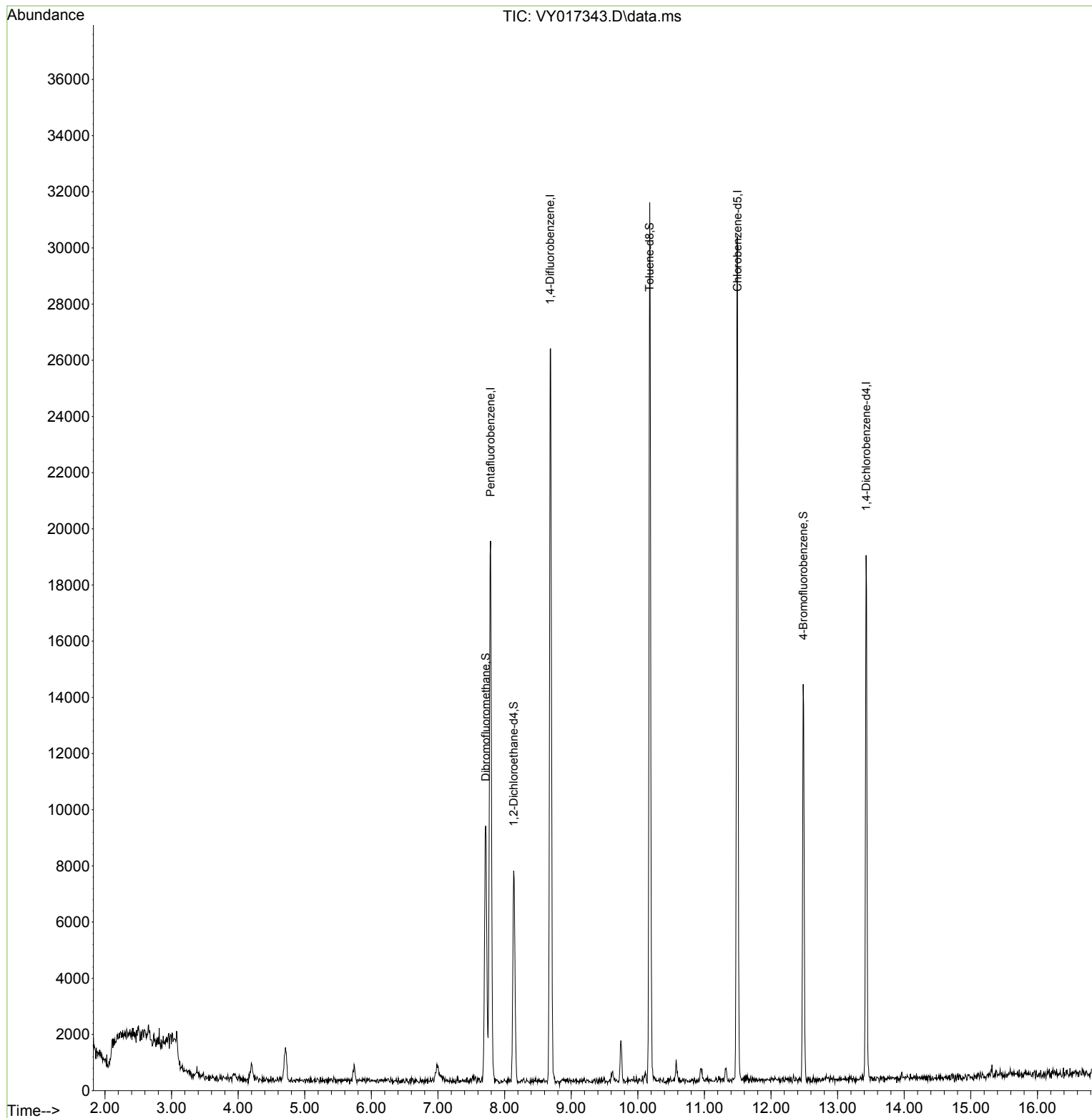
Target Compounds	Qvalue

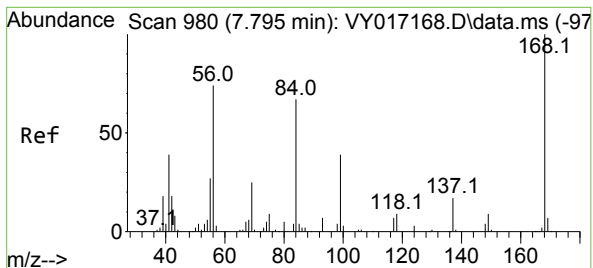
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017343.D

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Instrument :

MSVOA_Y

ClientSampleId :

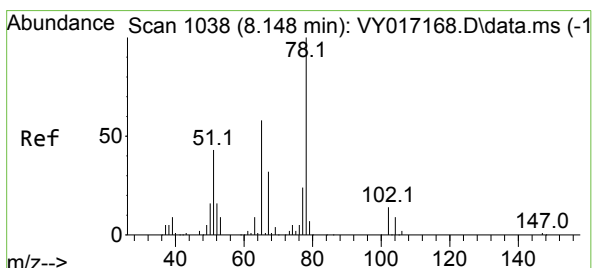
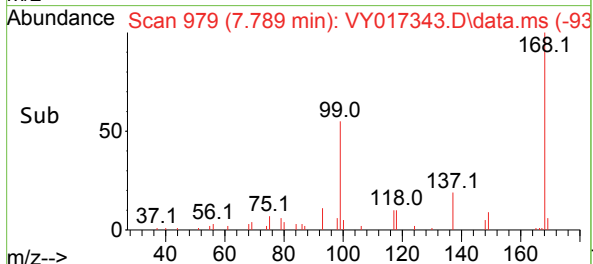
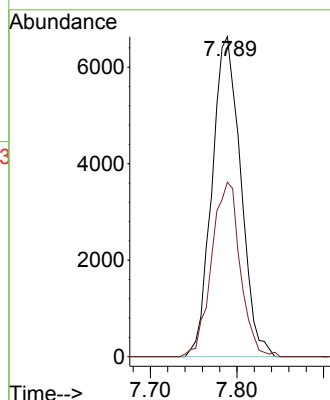
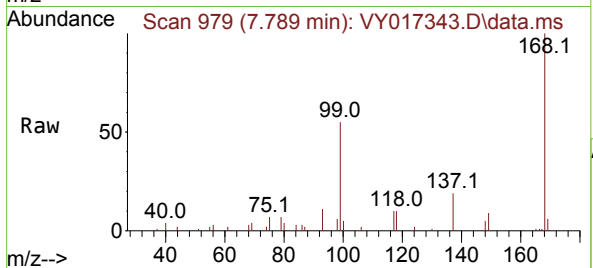
ETGI-358

Tgt Ion:168 Resp: 15255

Ion Ratio Lower Upper

168 100

99 54.6 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 42.905 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY017343.D

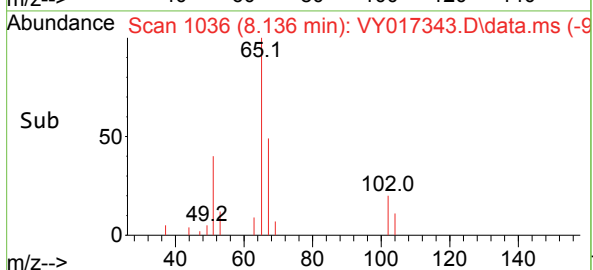
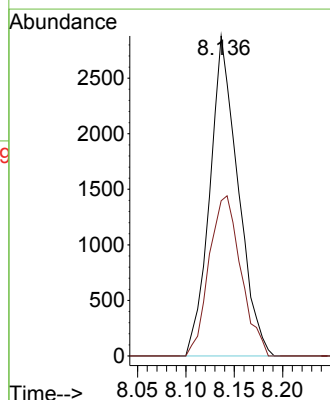
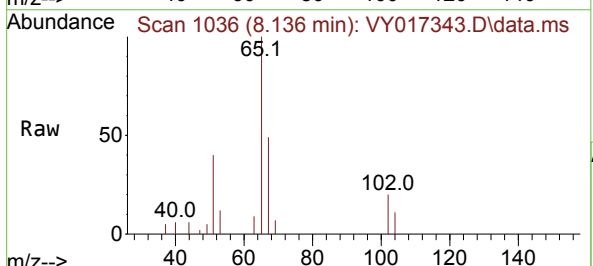
Acq: 09 Feb 2024 16:44

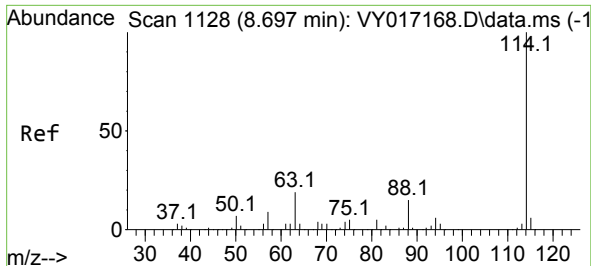
Tgt Ion: 65 Resp: 5847

Ion Ratio Lower Upper

65 100

67 56.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

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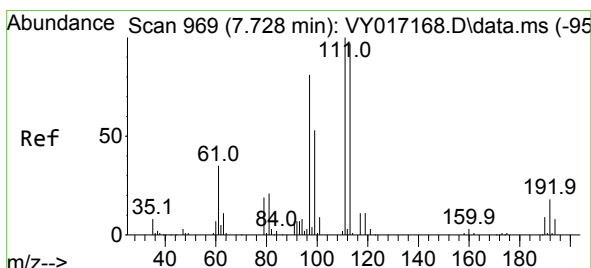
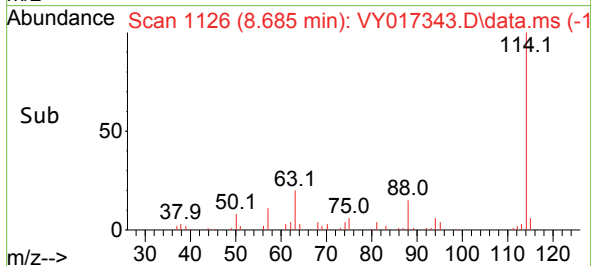
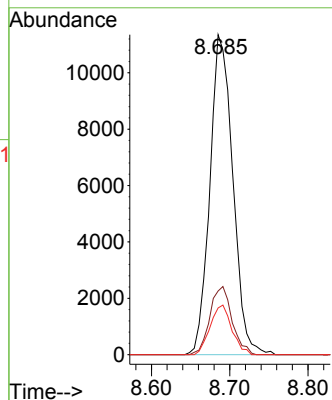
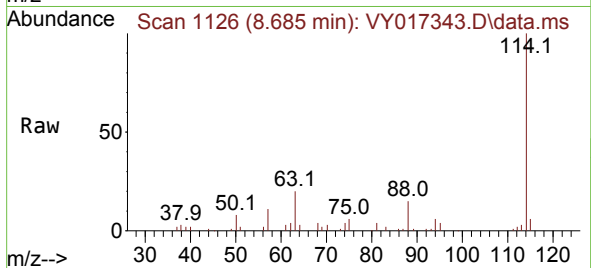
Tgt Ion:114 Resp: 23141

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.192 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

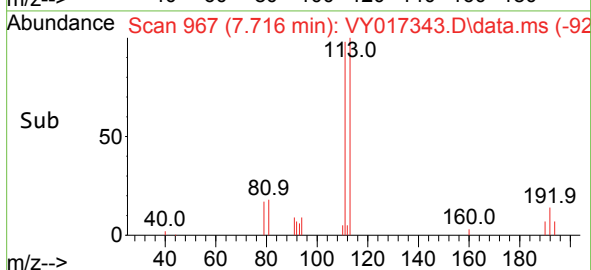
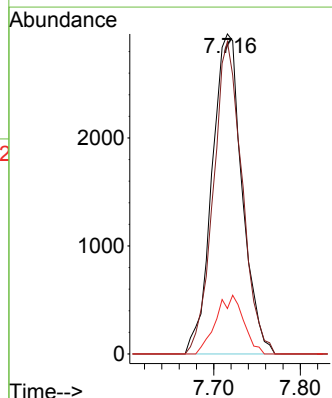
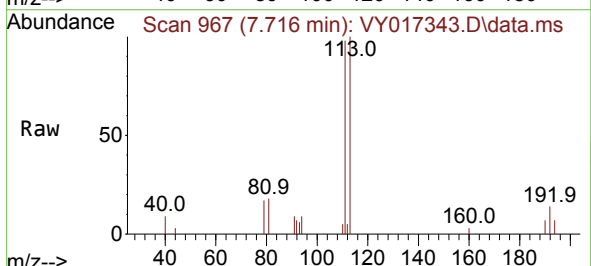
Tgt Ion:113 Resp: 7146

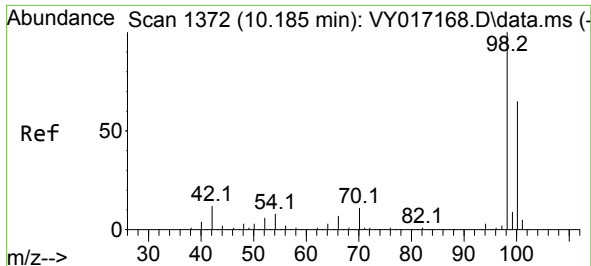
Ion Ratio Lower Upper

113 100

111 93.2 83.8 125.6

192 16.9 14.5 21.7

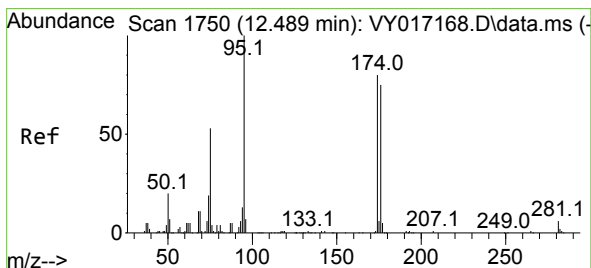
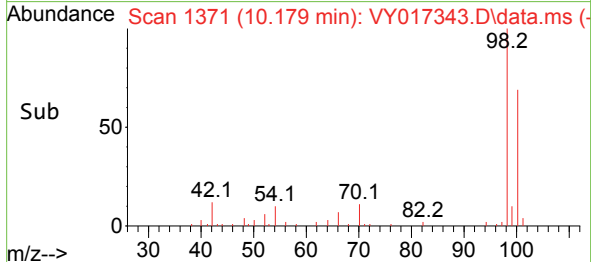
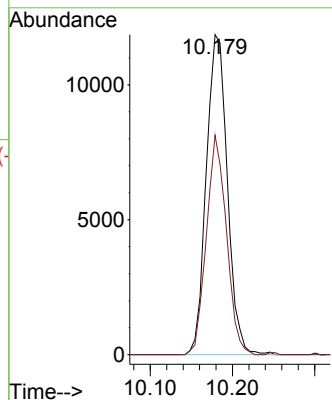
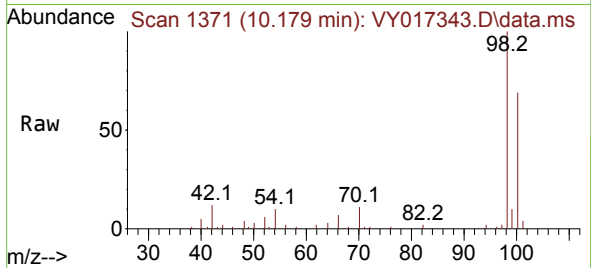




#50
Toluene-d8
Concen: 46.439 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017343.D
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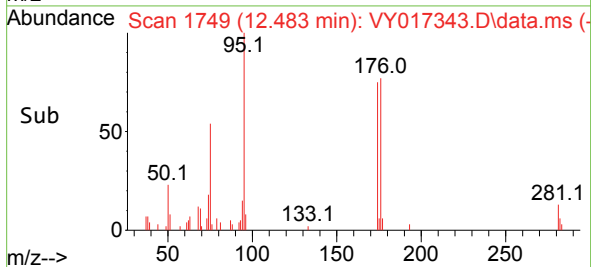
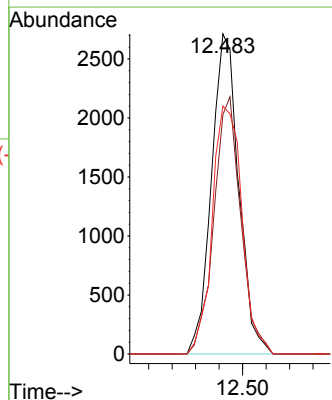
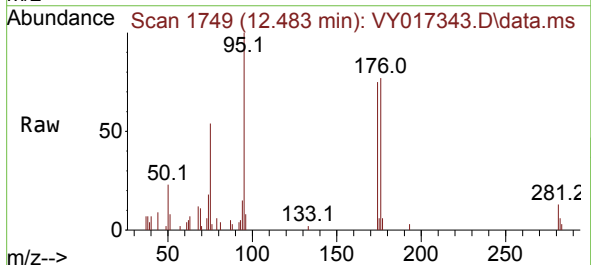
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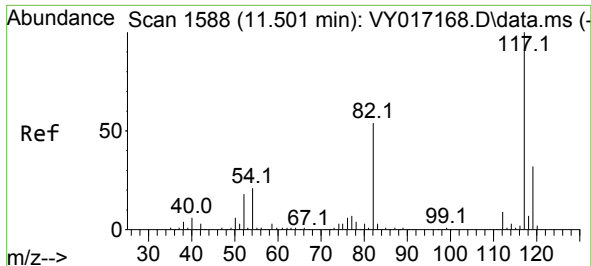
Tgt Ion: 98 Resp: 21126
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 29.338 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Tgt Ion: 95 Resp: 4372
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 84.0 0.0 151.8

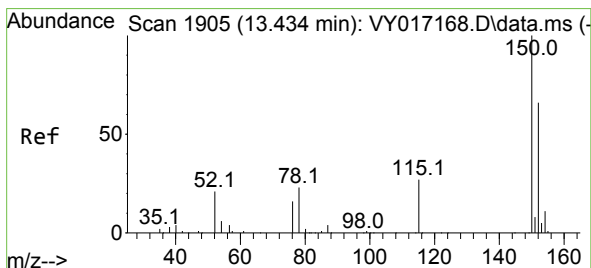
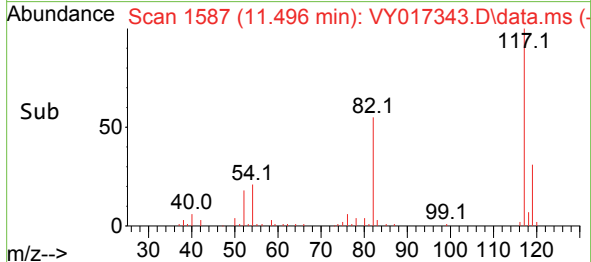
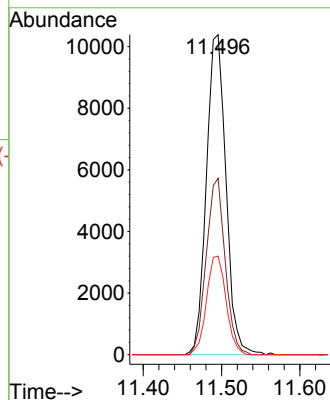
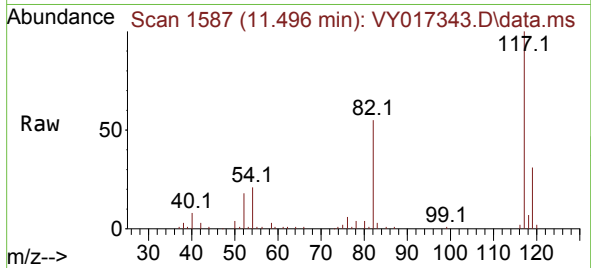




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-358

Tgt Ion:117 Resp: 17992
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Tgt Ion:152 Resp: 5118
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 153.0 0.0 344.6

