

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018258.D
 Acq On : 14 May 2024 15:11
 Operator : SY/MD
 Sample : P2477-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-339

Quant Time: May 15 04:15:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

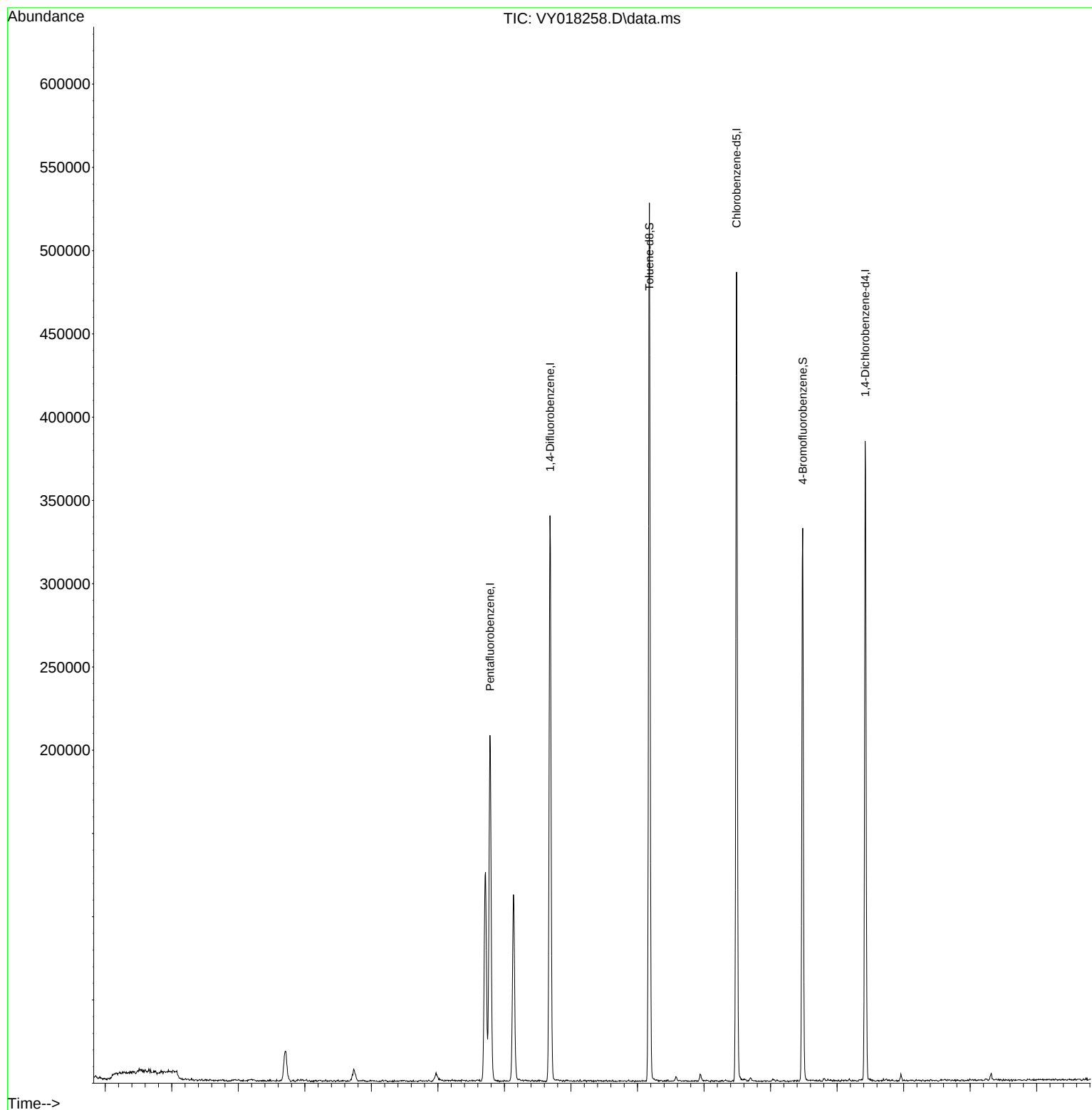
Internal Standards						
1) Pentafluorobenzene	7.783	168	163396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82116	68.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.620%
35) Dibromofluoromethane	7.716	113	92983	56.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.660%
50) Toluene-d8	10.179	98	350546	54.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.483	95	103823	49.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.740%
Target Compounds						
20) Methylene Chloride	4.704	84	15132	8.925	ug/l	Qvalue 96

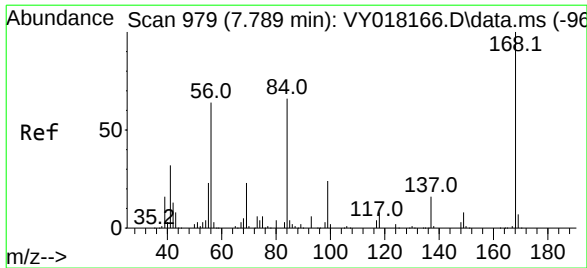
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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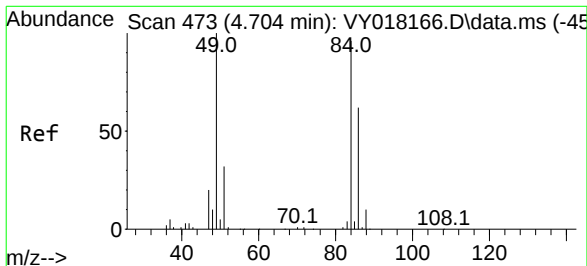
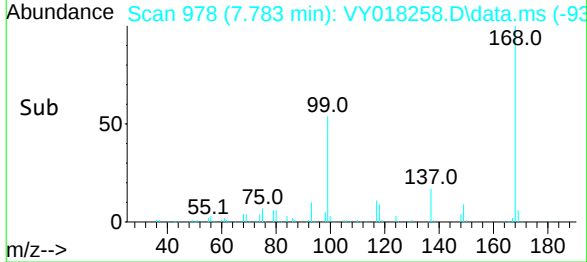
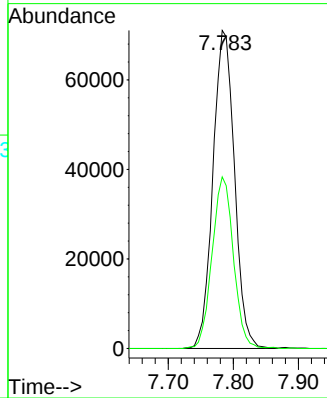
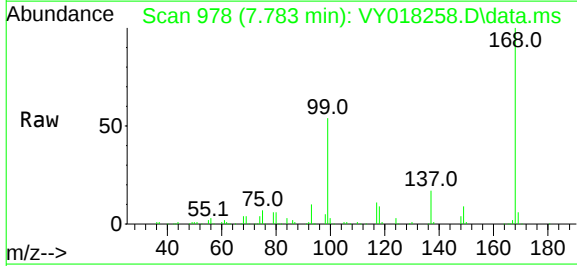




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

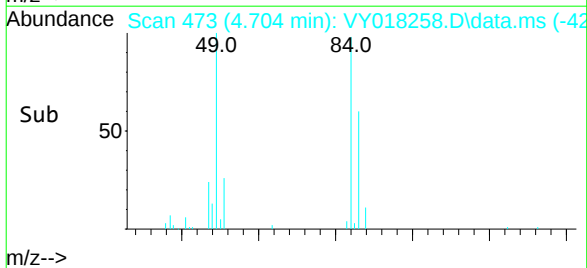
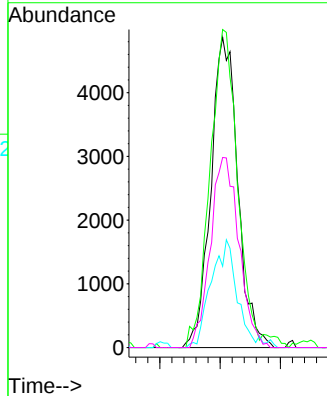
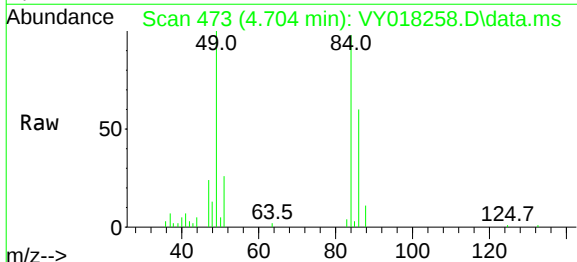
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

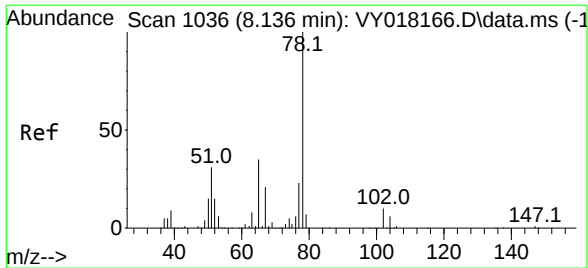
Tgt Ion:168 Resp: 163396
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#20
Methylene Chloride
Concen: 8.925 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

Tgt Ion: 84 Resp: 15132
Ion Ratio Lower Upper
84 100
49 102.5 84.4 126.6
51 26.2 26.0 39.0
86 61.3 49.5 74.3

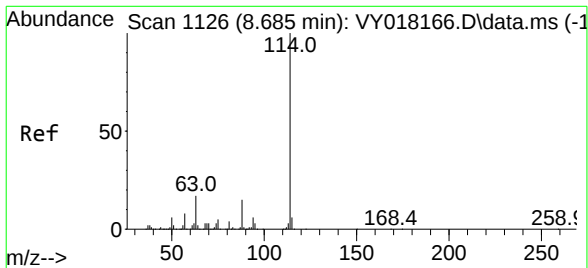
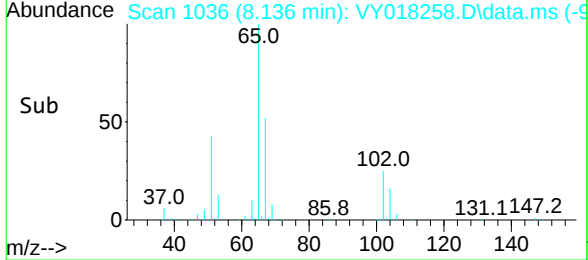
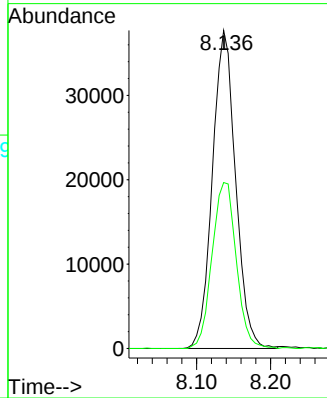
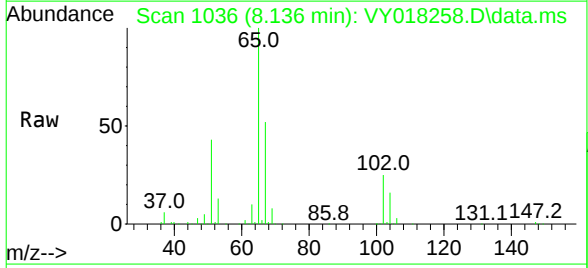




#33
1,2-Dichloroethane-d4
Concen: 68.313 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

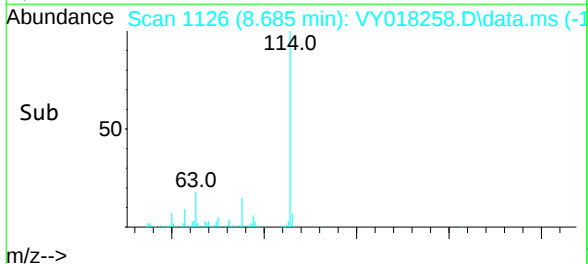
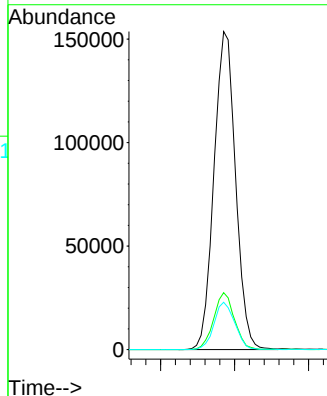
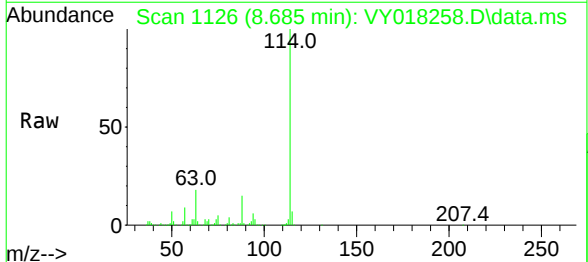
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

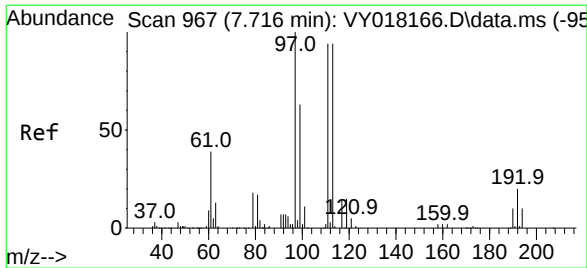
Tgt Ion: 65 Resp: 82116
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

Tgt Ion: 114 Resp: 311309
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.833 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY018258.D

Acq: 14 May 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

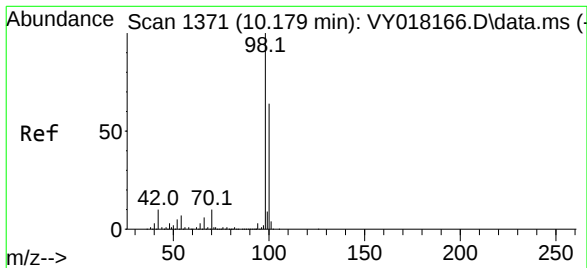
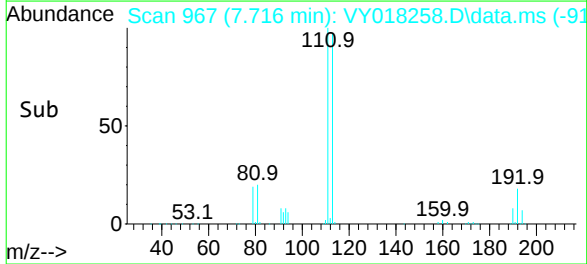
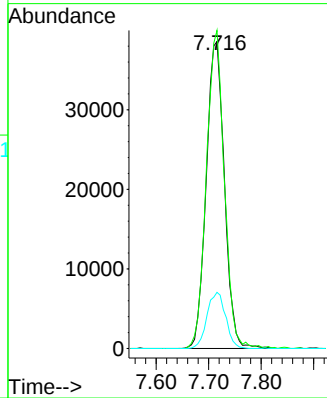
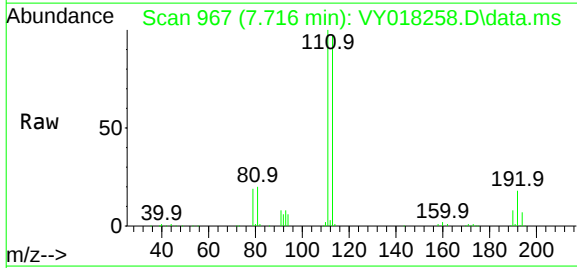
Tgt Ion:113 Resp: 92983

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 18.7 15.9 23.9



#50

Toluene-d8

Concen: 54.372 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018258.D

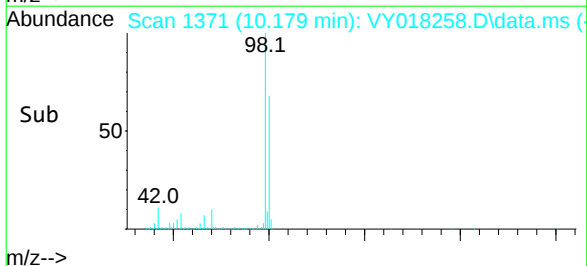
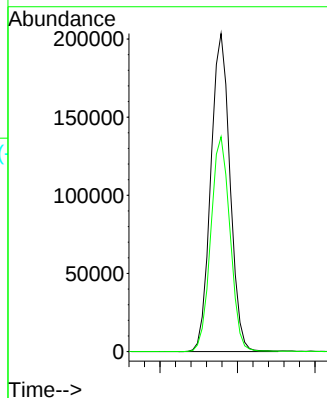
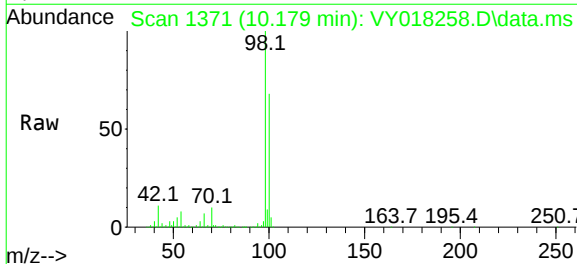
Acq: 14 May 2024 15:11

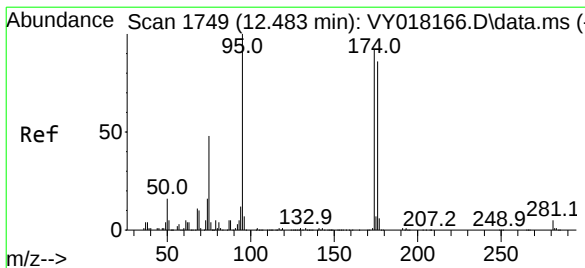
Tgt Ion: 98 Resp: 350546

Ion Ratio Lower Upper

98 100

100 67.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.866 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018258.D

Acq: 14 May 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

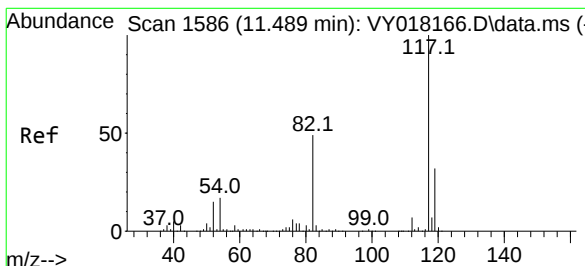
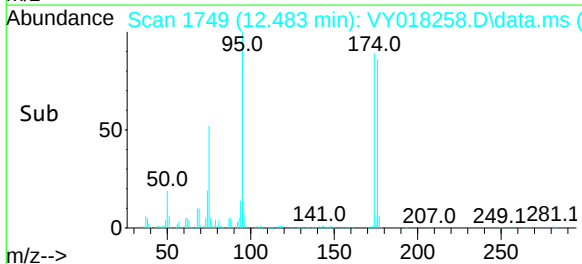
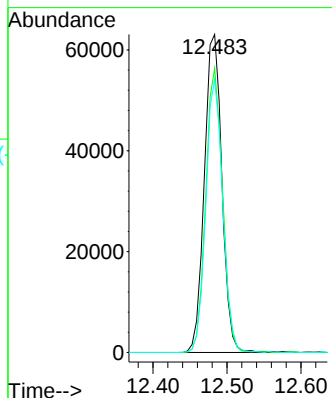
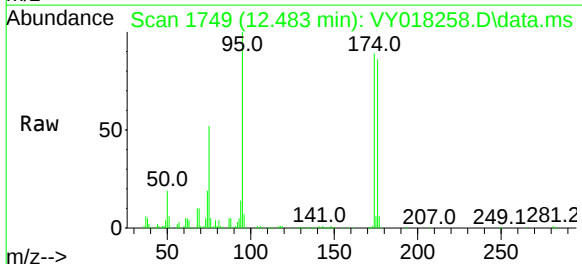
Tgt Ion: 95 Resp: 103823

Ion Ratio Lower Upper

95 100

174 86.0 0.0 175.6

176 83.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018258.D

Acq: 14 May 2024 15:11

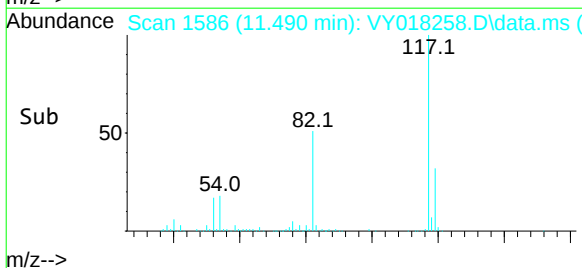
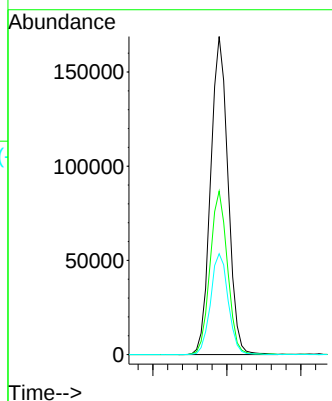
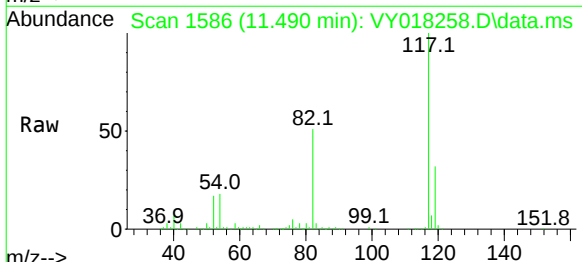
Tgt Ion: 117 Resp: 275836

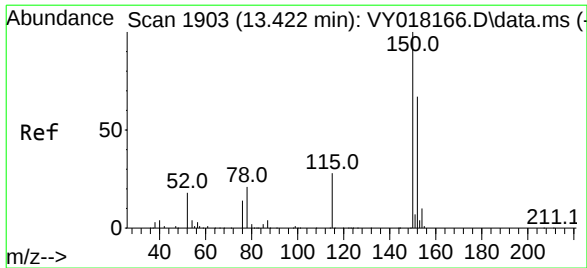
Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

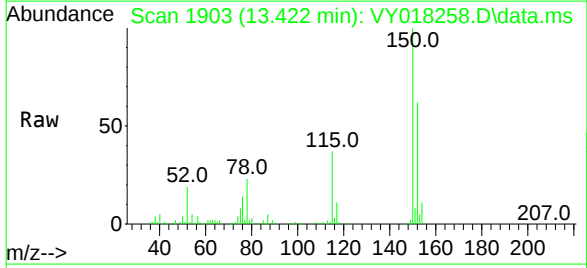
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY018258.D
 Acq: 14 May 2024 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-339



Tgt Ion:	152	Resp:	101155
Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.2	84.7
150	156.5	0.0	345.6

