

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018137.D
 Acq On : 03 May 2024 12:58
 Operator : SY/MD
 Sample : P2331-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: May 06 02:56:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

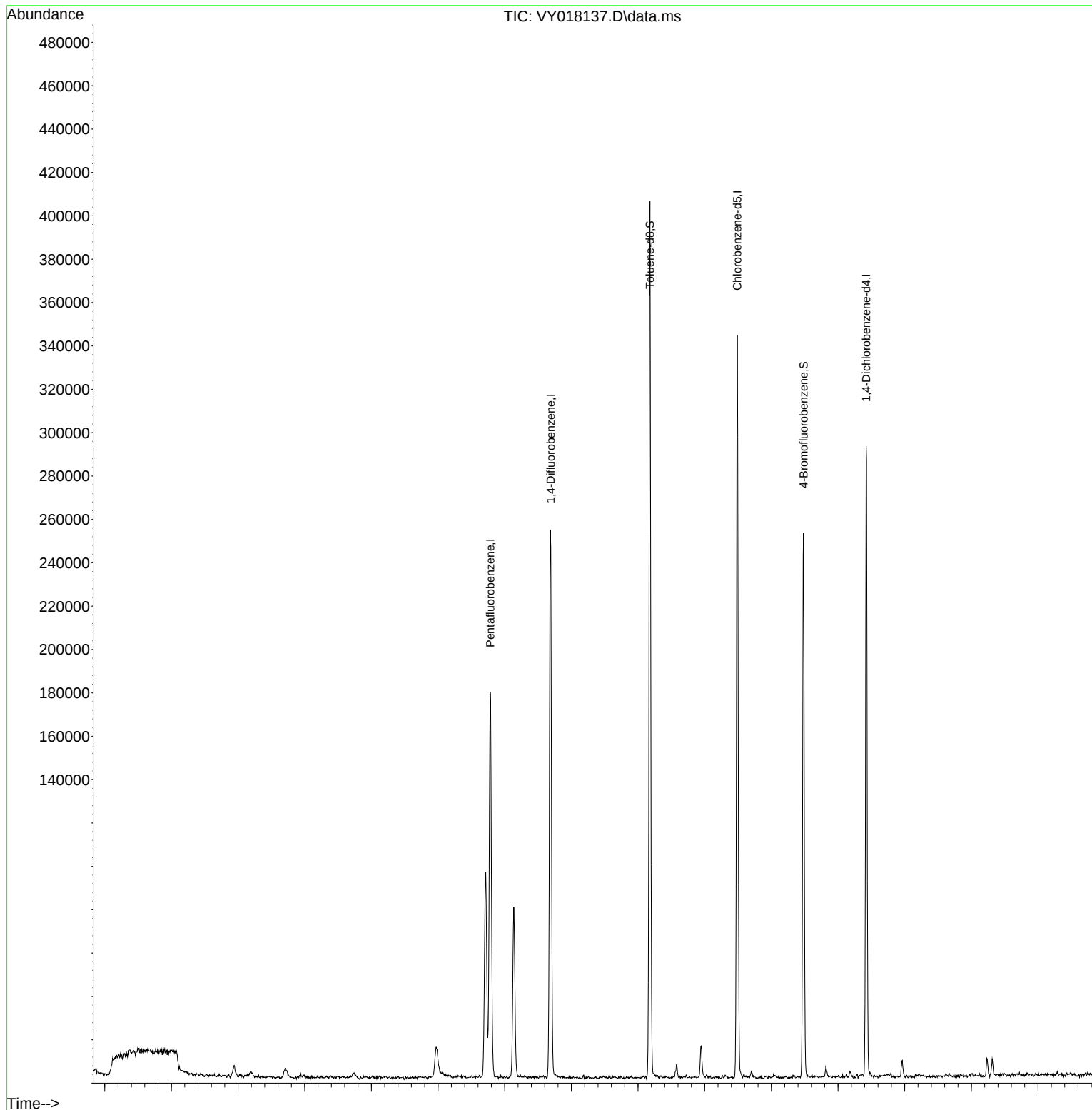
Internal Standards						
1) Pentafluorobenzene	7.783	168	147115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56047	48.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.716	113	68789	48.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.179	98	270762	49.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.483	95	78262	41.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.540%
Target Compounds						
16) Acetone	3.936	43	8430	38.160	ug/l	Qvalue 96

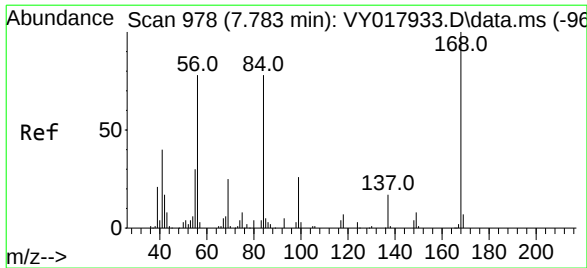
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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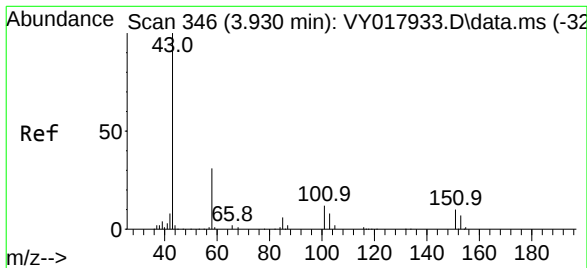
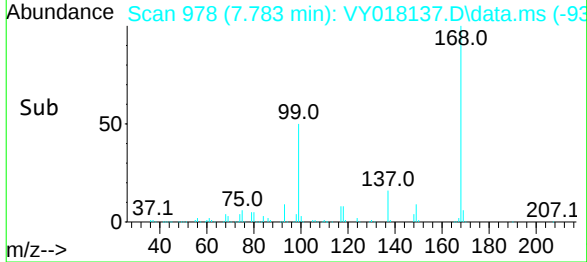
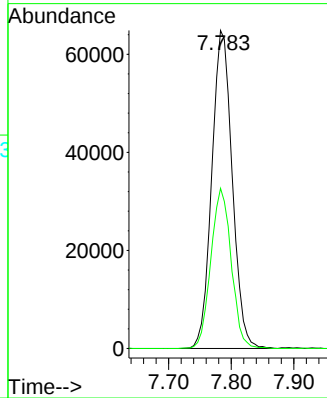
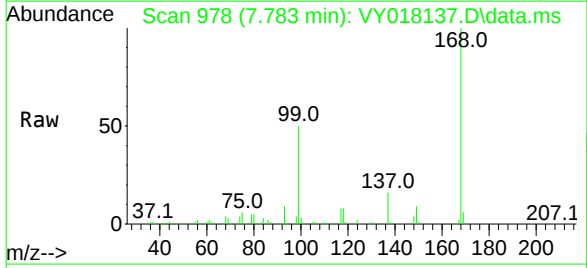




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

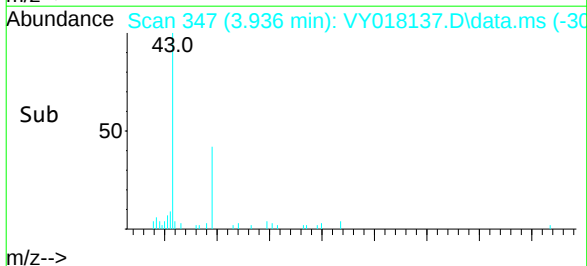
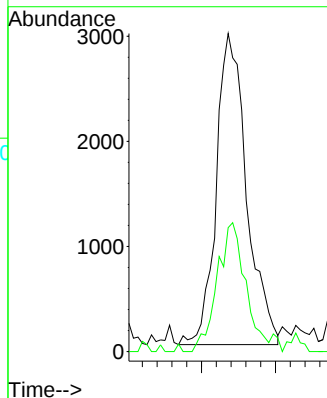
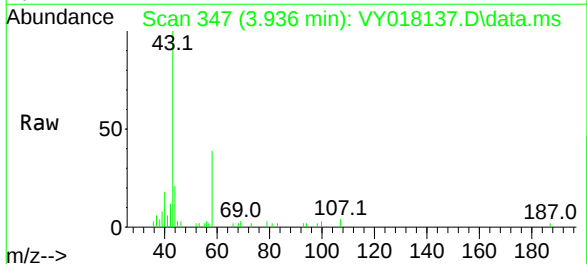
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

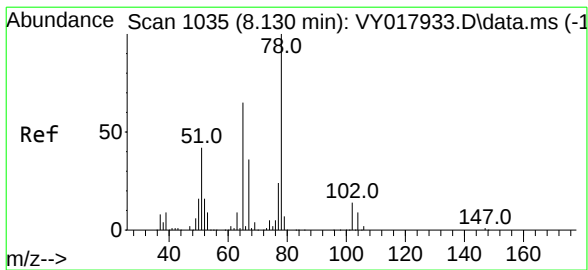
Tgt Ion:168 Resp: 147115
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#16
Acetone
Concen: 38.160 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Tgt Ion: 43 Resp: 8430
Ion Ratio Lower Upper
43 100
58 37.4 31.7 47.5

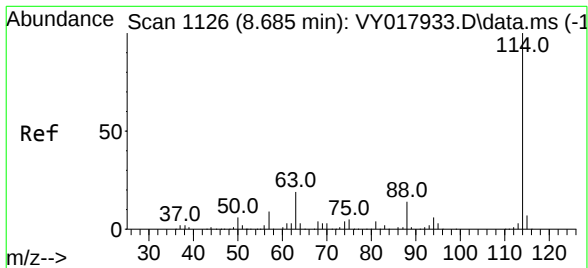
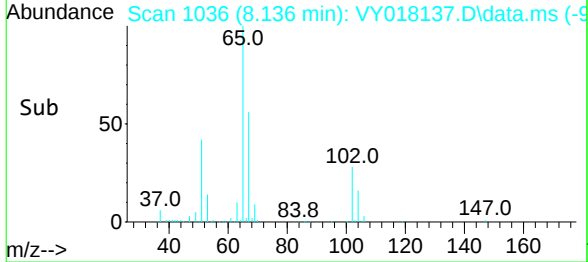
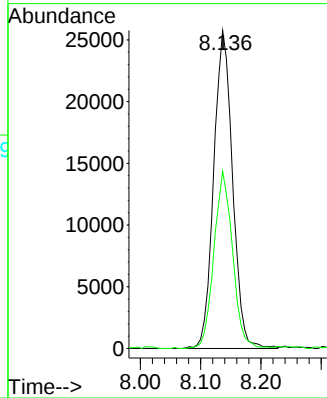
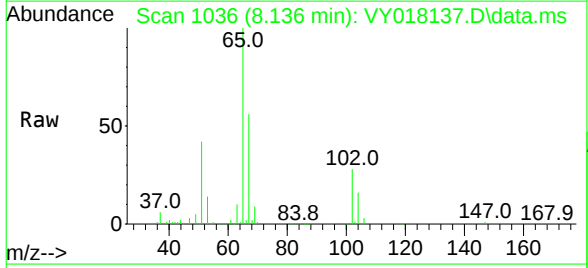




#33
1,2-Dichloroethane-d4
Concen: 48.332 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.005 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

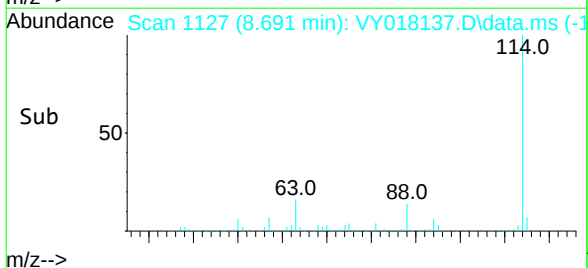
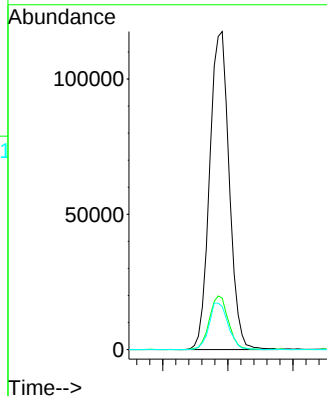
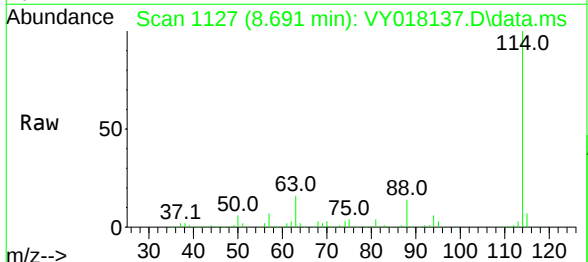
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

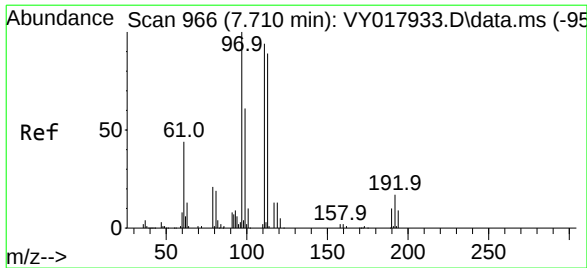
Tgt Ion: 65 Resp: 56047
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Tgt Ion: 114 Resp: 245629
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 13.5 0.0 27.2

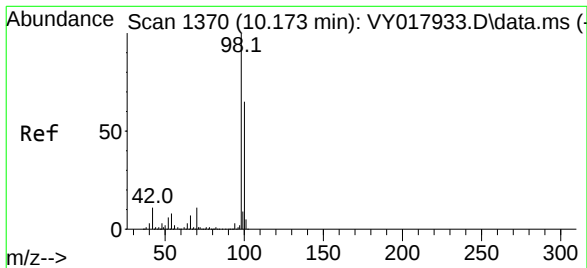
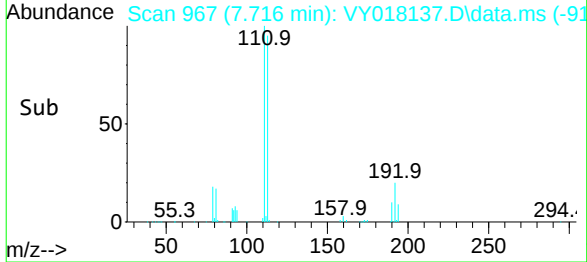
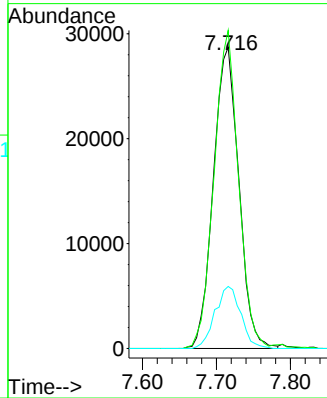
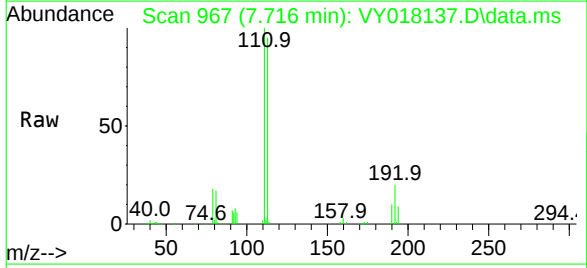




#35
Dibromofluoromethane
Concen: 48.733 ug/l
RT: 7.716 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

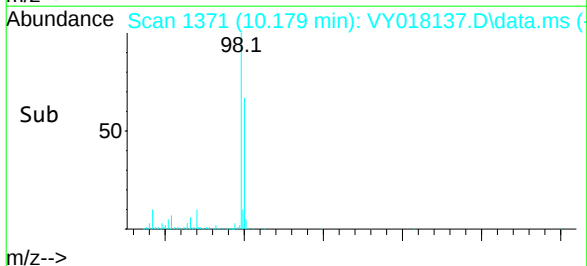
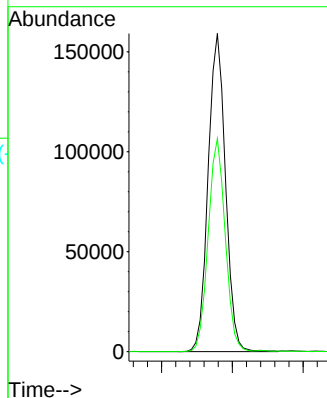
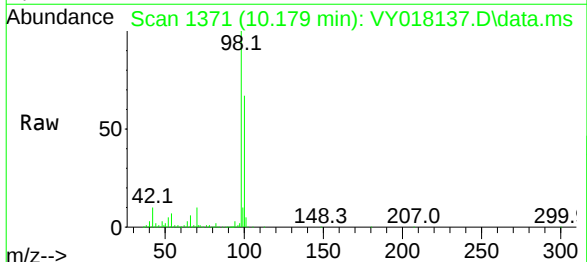
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

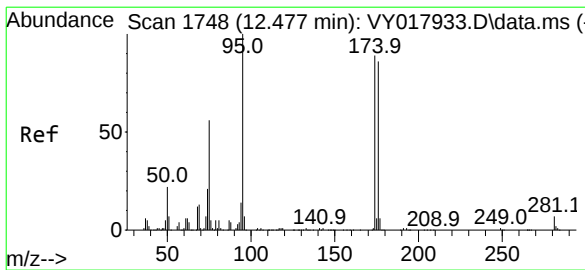
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	20.7	15.9	23.9



#50
Toluene-d8
Concen: 49.135 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018137.D
Acq: 03 May 2024 12:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 41.268 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018137.D

Acq: 03 May 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

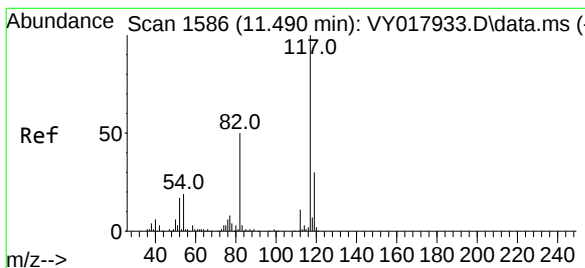
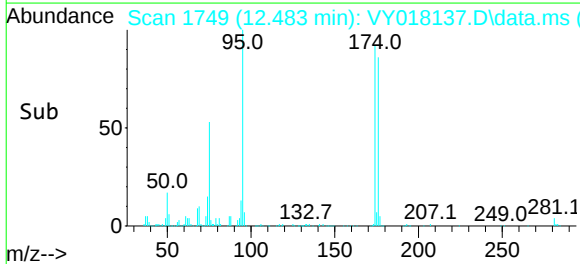
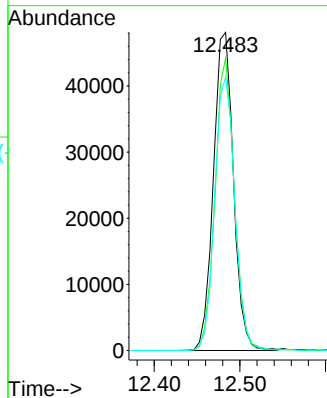
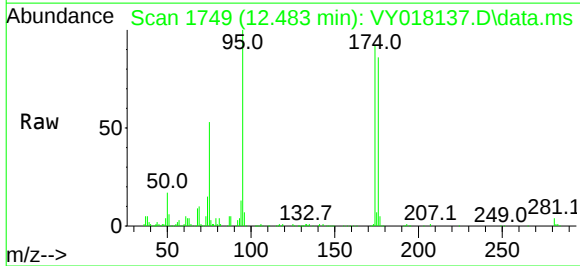
Tgt Ion: 95 Resp: 78262

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.6

176 86.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018137.D

Acq: 03 May 2024 12:58

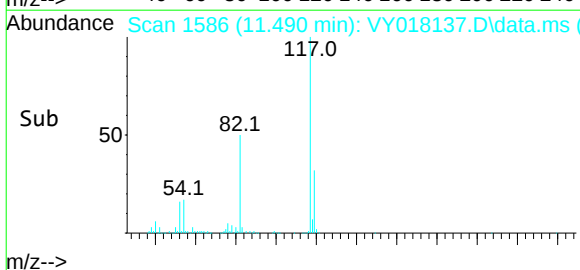
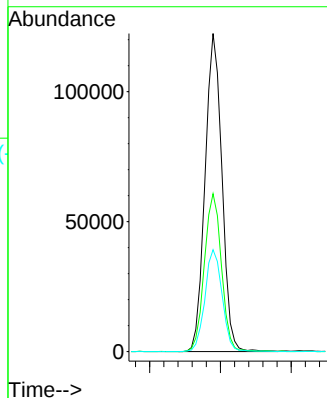
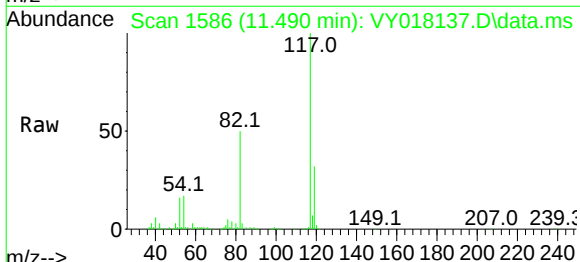
Tgt Ion: 117 Resp: 202969

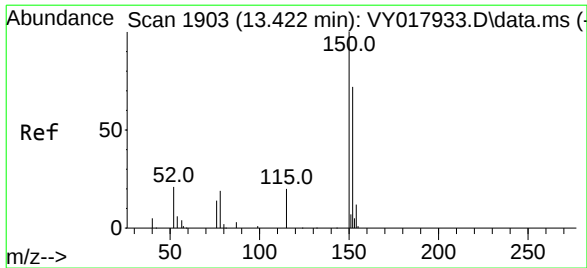
Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

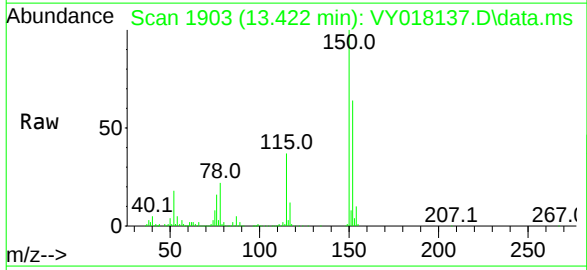
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY018137.D
 Acq: 03 May 2024 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	78613
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	157.8	0.0	345.6

