

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018135.D
 Acq On : 03 May 2024 12:10
 Operator : SY/MD
 Sample : P2331-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: May 06 02:55:33 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)

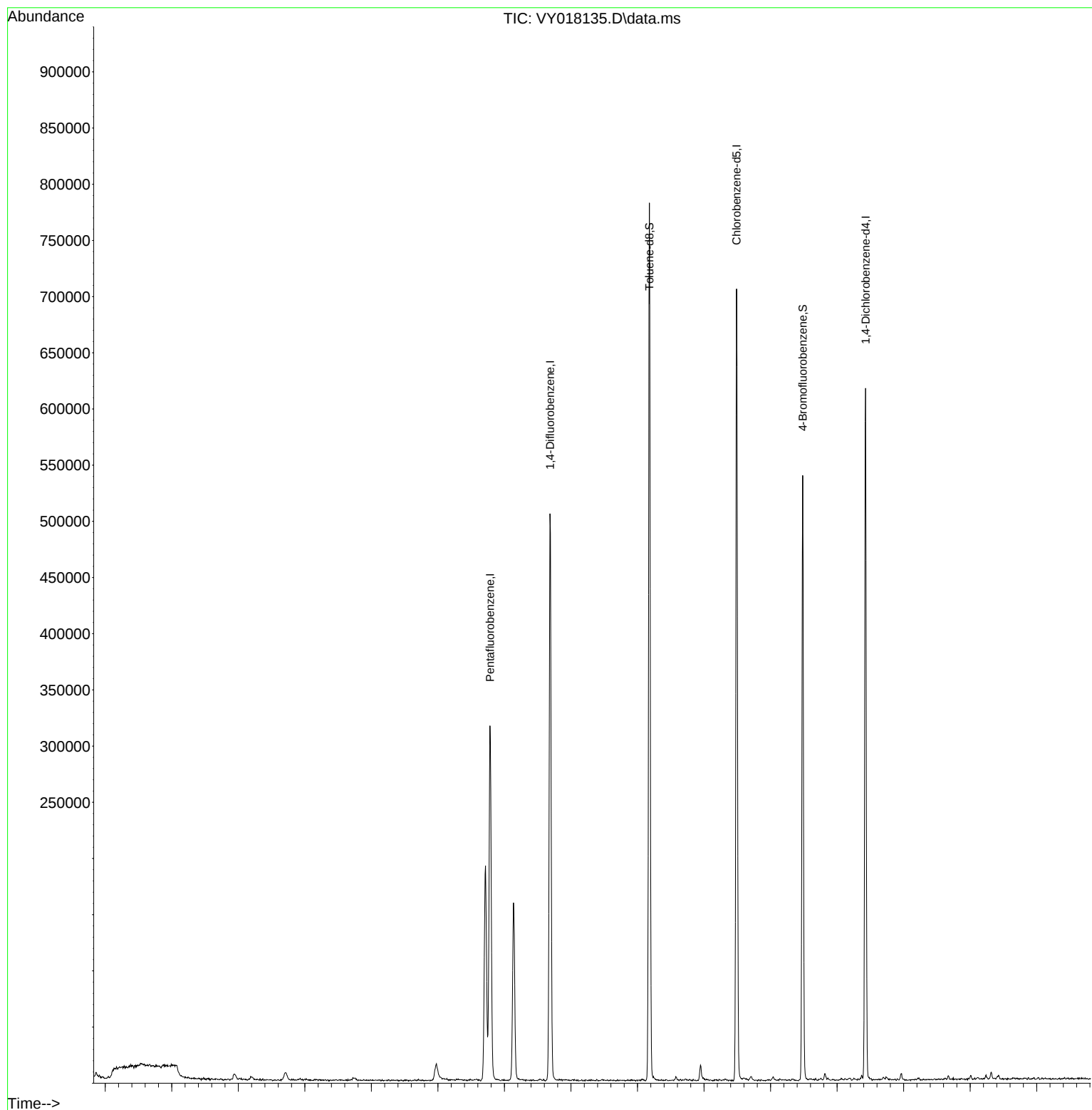
Internal Standards						
1) Pentafluorobenzene	7.783	168	265817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	469126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	416316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113971	54.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.780%
35) Dibromofluoromethane	7.716	113	137770	51.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.200%
50) Toluene-d8	10.179	98	523168	49.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.483	95	166543	45.981	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.960%
Target Compounds						
16) Acetone	3.948	43	9218	23.094	ug/l	Qvalue # 86

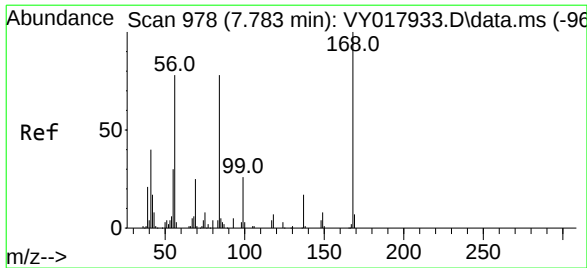
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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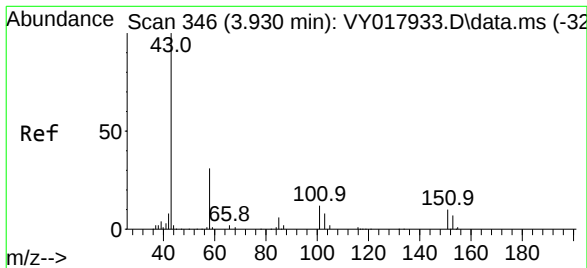
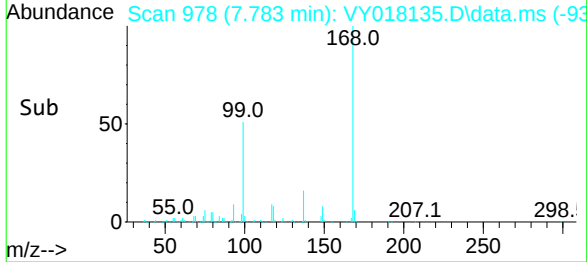
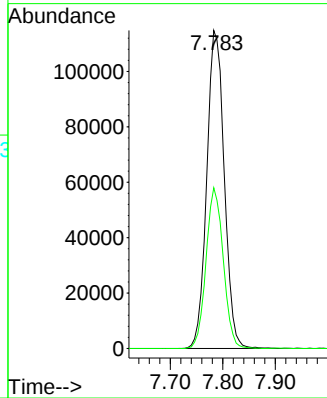
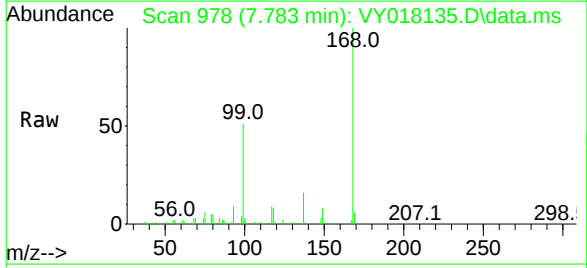




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

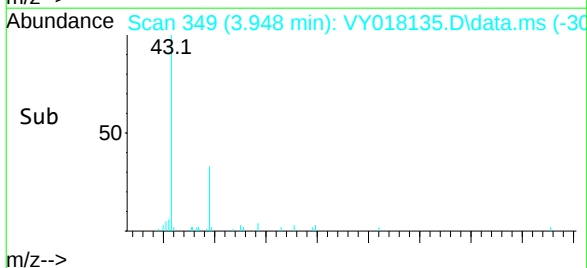
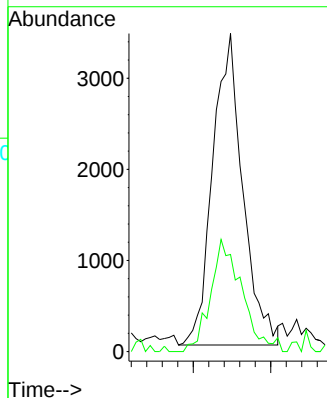
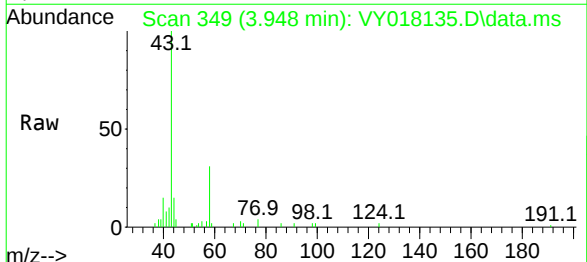
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

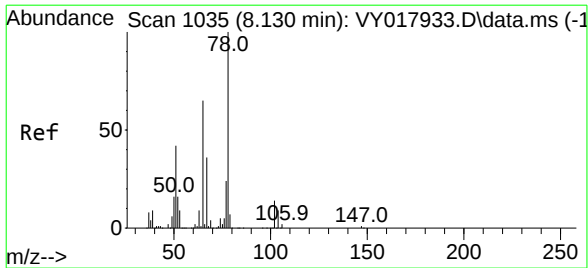
Tgt Ion:168 Resp: 265817
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#16
Acetone
Concen: 23.094 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Tgt Ion: 43 Resp: 9218
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#

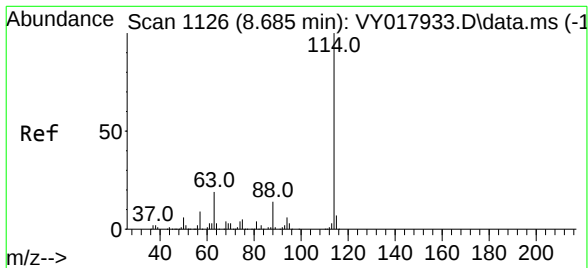
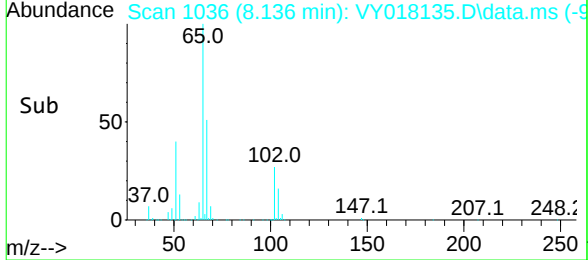
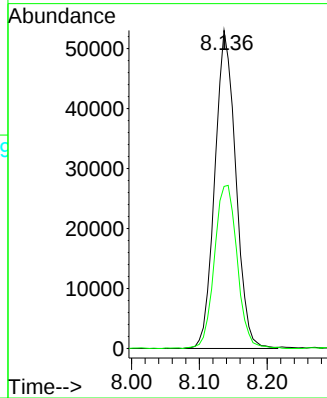
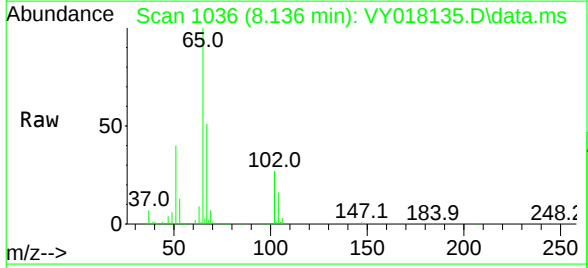




#33
1,2-Dichloroethane-d4
Concen: 54.394 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

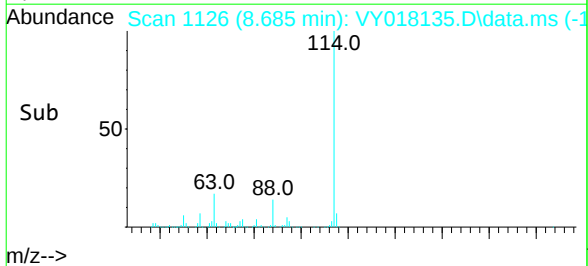
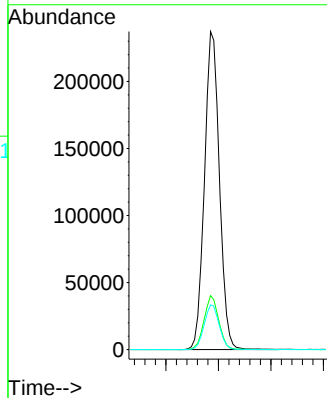
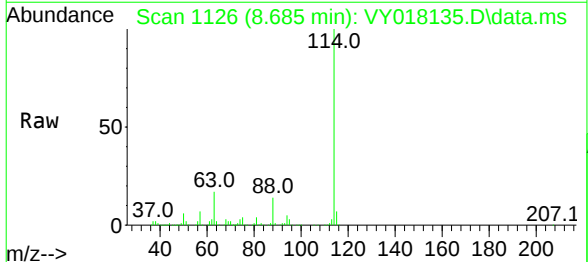
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

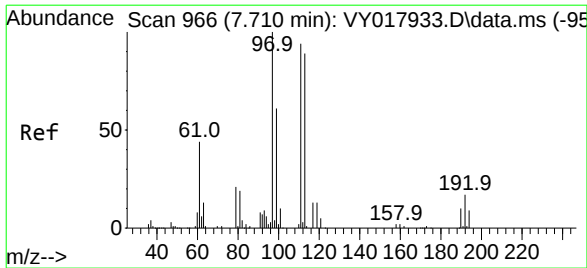
Tgt Ion: 65 Resp: 113971
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Tgt Ion: 114 Resp: 469126
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.1 0.0 27.2

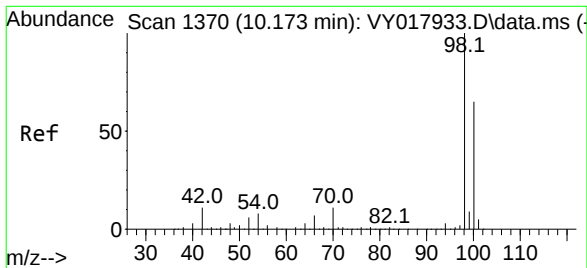
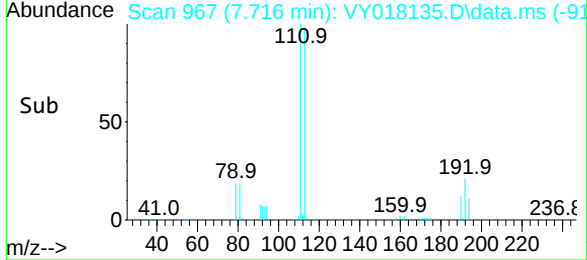
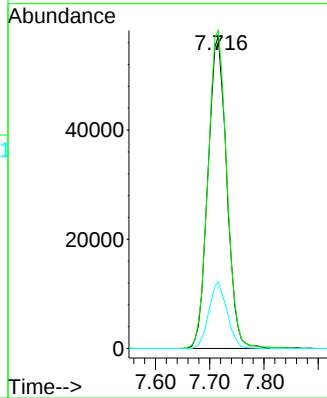
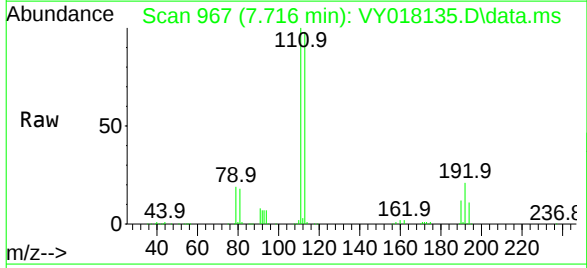




#35
Dibromofluoromethane
Concen: 51.103 ug/l
RT: 7.716 min Scan# 96
Delta R.T. -0.006 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

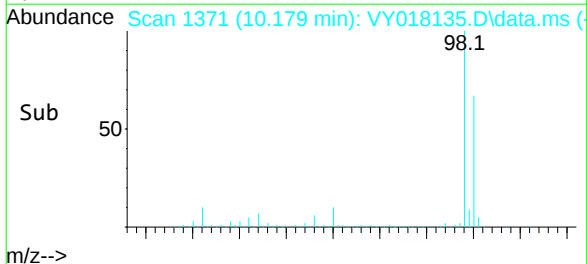
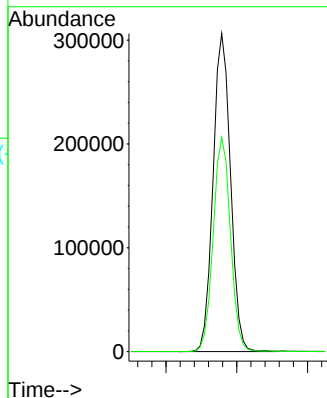
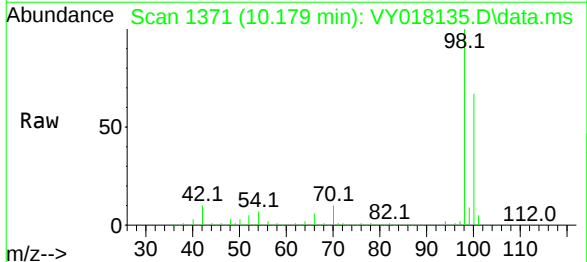
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

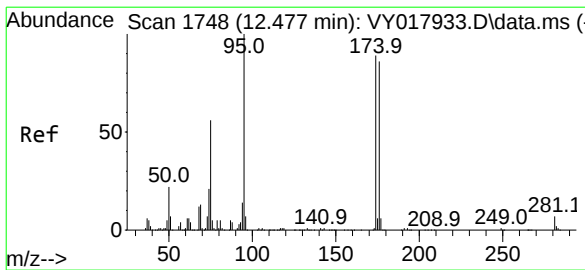
Tgt Ion:113 Resp: 137770
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.7 15.9 23.9



#50
Toluene-d8
Concen: 49.709 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Tgt Ion: 98 Resp: 523168
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.981 ug/l

RT: 12.483 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

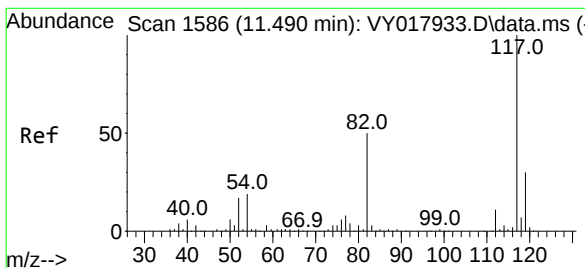
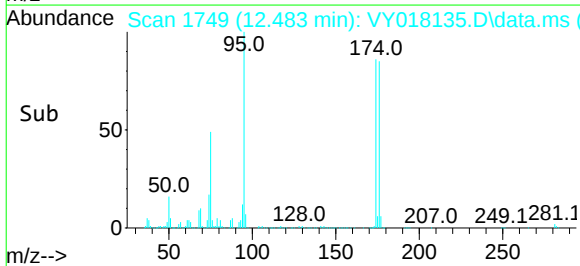
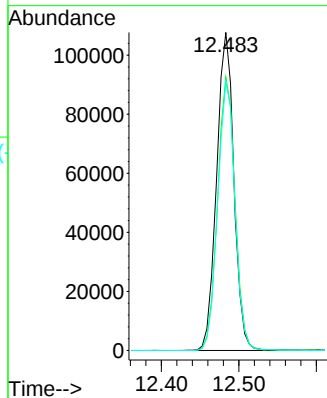
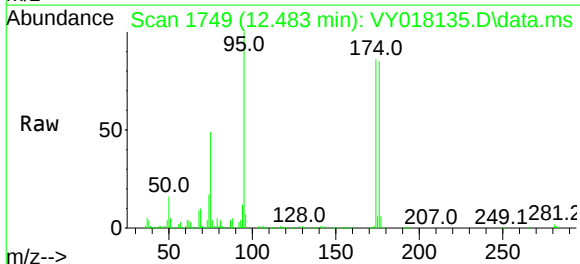
Tgt Ion: 95 Resp: 166543

Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 84.8 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018135.D

Acq: 03 May 2024 12:10

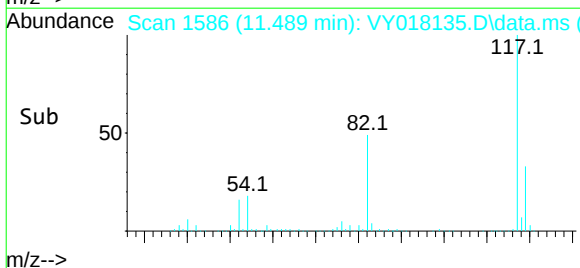
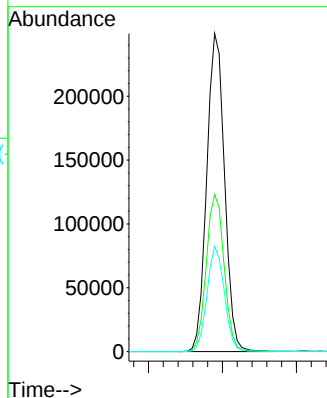
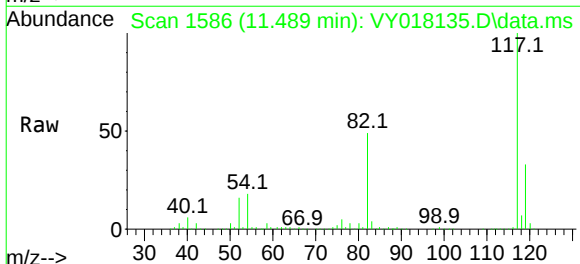
Tgt Ion: 117 Resp: 416316

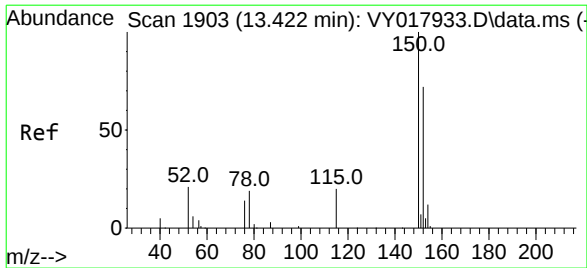
Ion Ratio Lower Upper

117 100

82 49.3 42.4 63.6

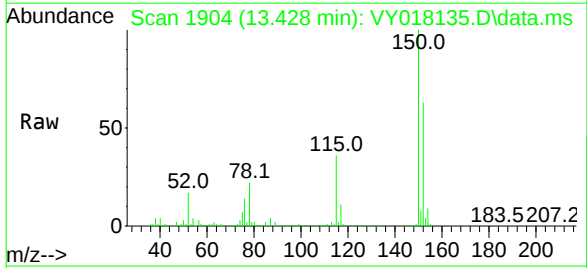
119 33.1 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY018135.D
Acq: 03 May 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :
TP-1



Tgt Ion:	152	Resp:	169001
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	155.4	0.0	345.6

