

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018245.D
 Acq On : 13 May 2024 16:36
 Operator : SY/MD
 Sample : P2467-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-051324

Quant Time: May 14 02:30:11 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)

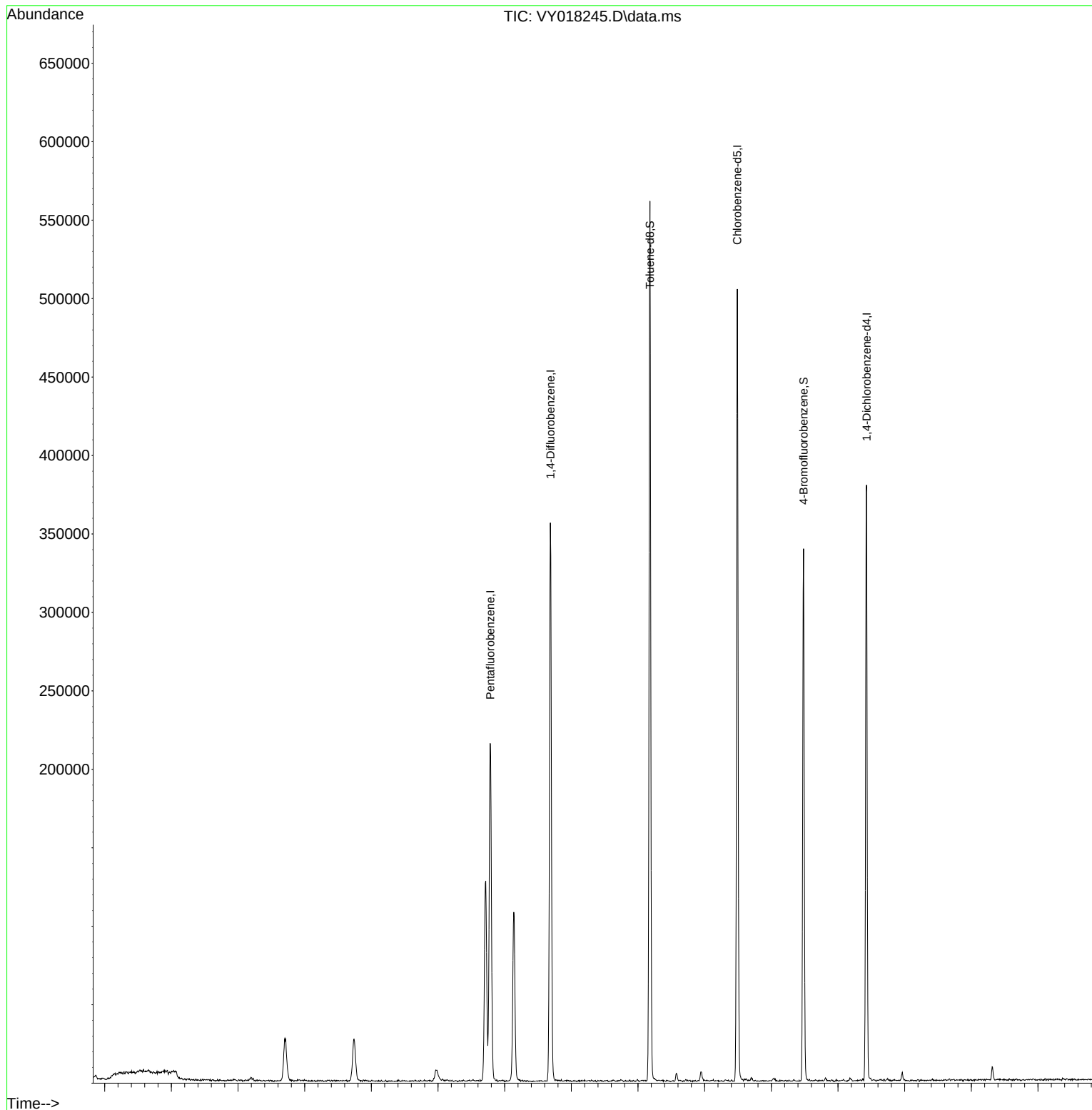
Internal Standards						
1) Pentafluorobenzene	7.783	168	173736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77709	60.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.600%
35) Dibromofluoromethane	7.710	113	93914	54.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.980%
50) Toluene-d8	10.179	98	370635	55.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.140%
62) 4-Bromofluorobenzene	12.483	95	104686	48.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.340%
Target Compounds						
20) Methylene Chloride	4.716	84	22464	12.460	ug/l	Qvalue # 91

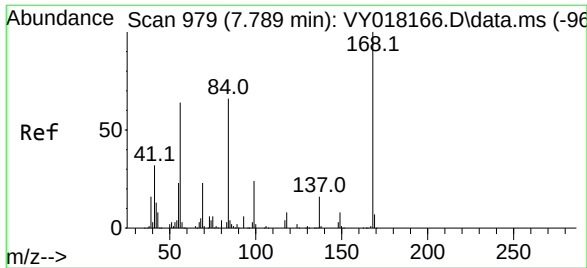
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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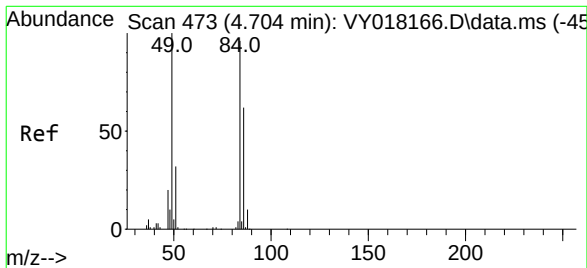
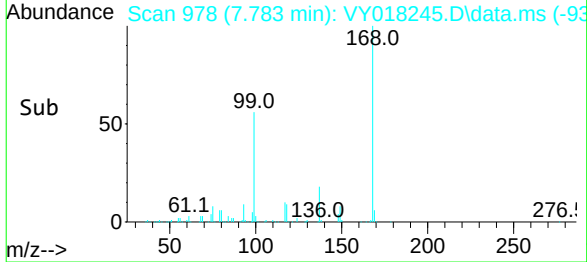
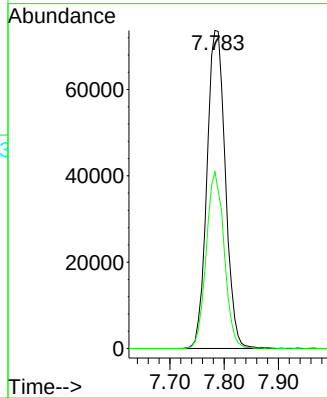
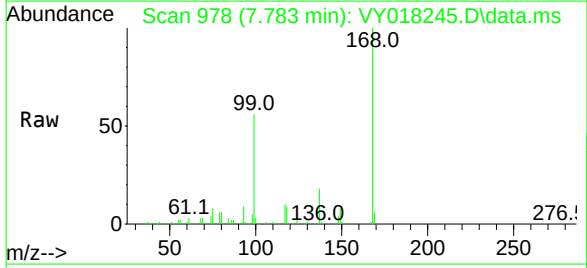




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

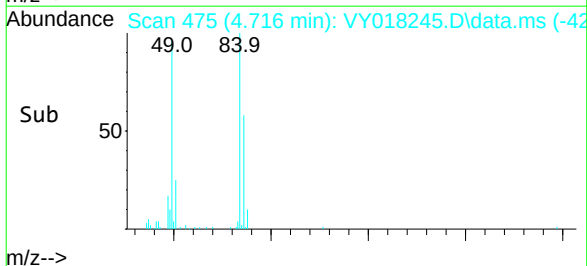
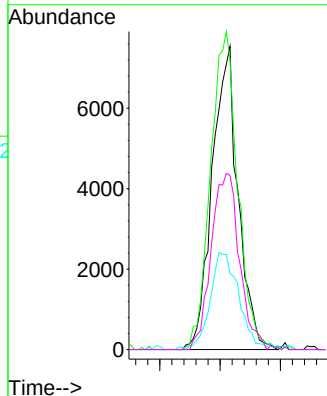
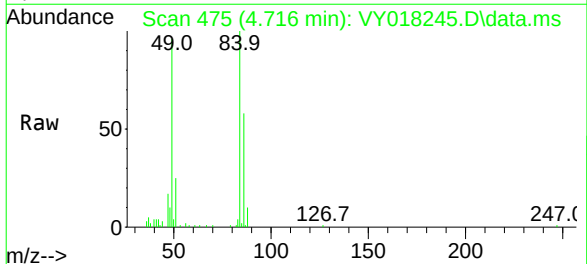
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-051324

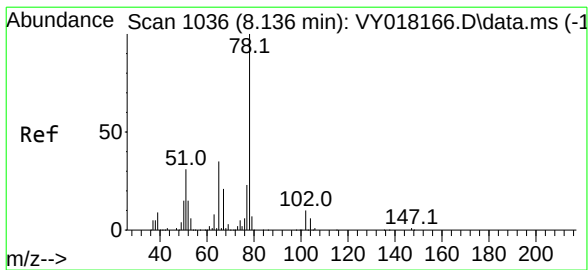
Tgt Ion:168 Resp: 173736
Ion Ratio Lower Upper
168 100
99 55.6 39.1 58.7



#20
Methylene Chloride
Concen: 12.460 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

Tgt Ion: 84 Resp: 22464
Ion Ratio Lower Upper
84 100
49 95.6 84.4 126.6
51 24.4 26.0 39.0#
86 57.5 49.5 74.3

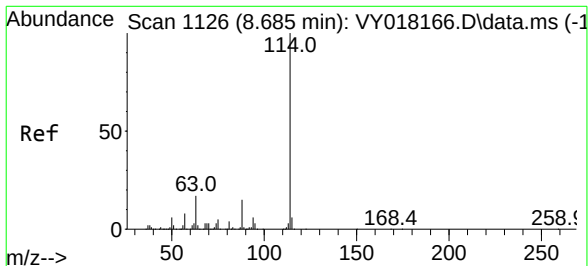
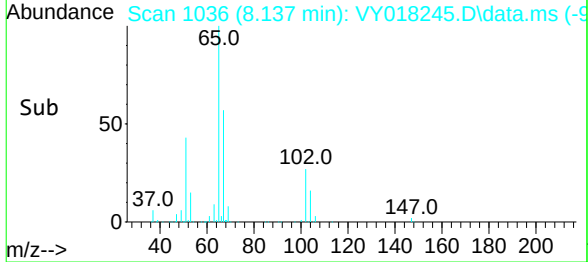
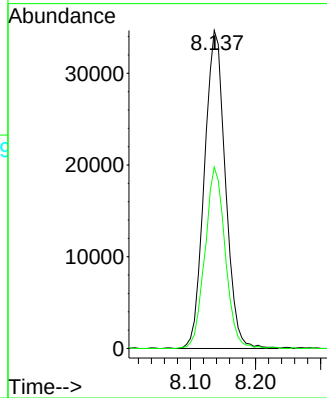
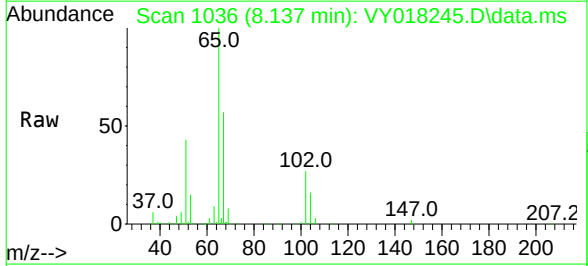




#33
1,2-Dichloroethane-d4
Concen: 60.799 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

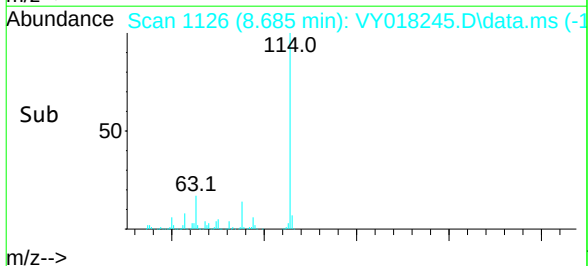
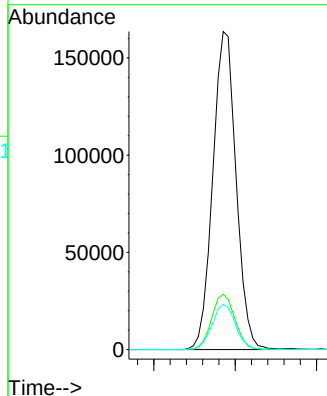
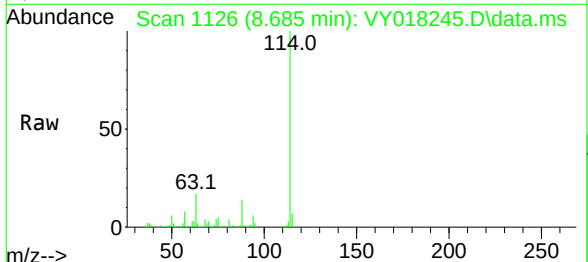
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-051324

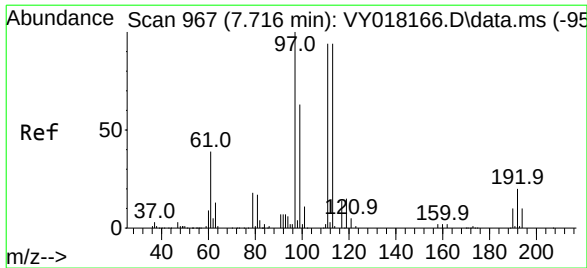
Tgt Ion: 65 Resp: 77709
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

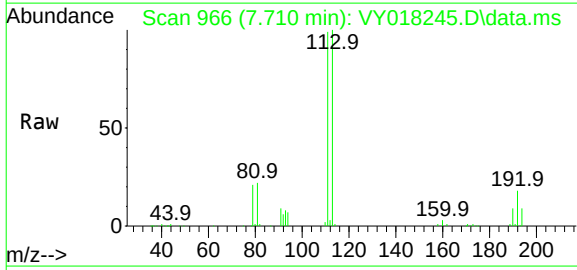
Tgt Ion: 114 Resp: 324954
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.3 0.0 27.2



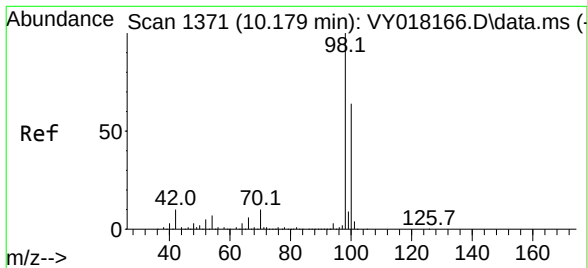
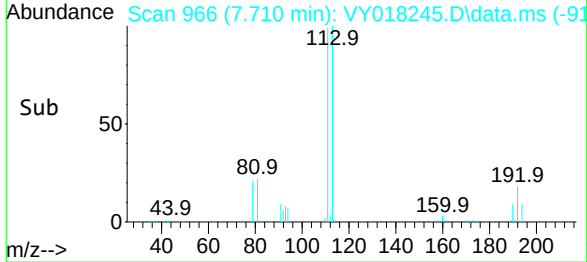
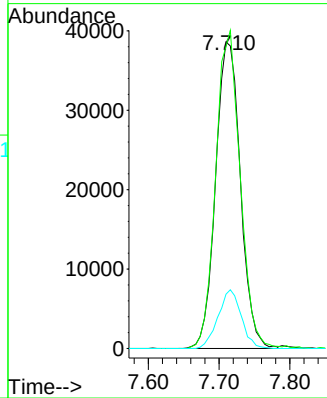


#35
Dibromofluoromethane
Concen: 54.992 ug/l
RT: 7.710 min Scan# 96
Delta R.T. -0.006 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-051324

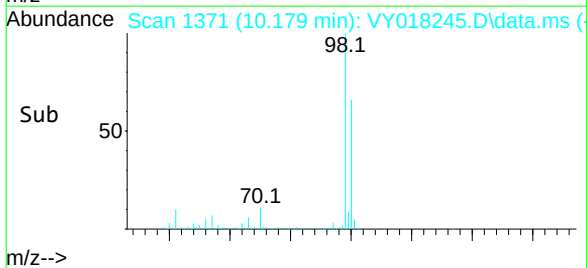
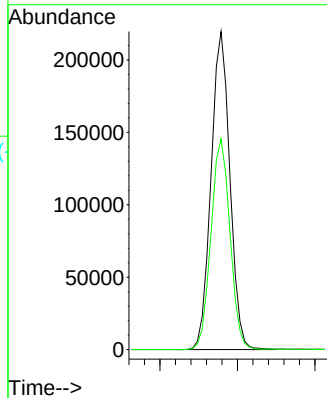
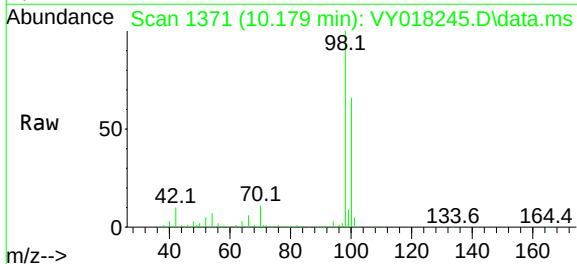


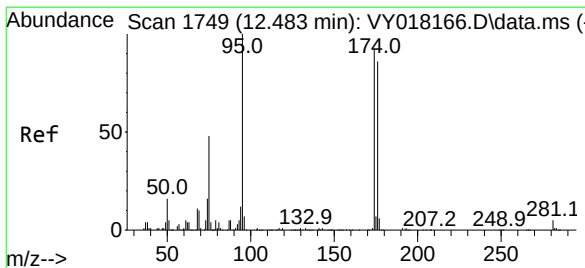
Tgt Ion:113 Resp: 93914
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.9 15.9 23.9



#50
Toluene-d8
Concen: 55.074 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018245.D
Acq: 13 May 2024 16:36

Tgt Ion: 98 Resp: 370635
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 48.169 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018245.D

Acq: 13 May 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-051324

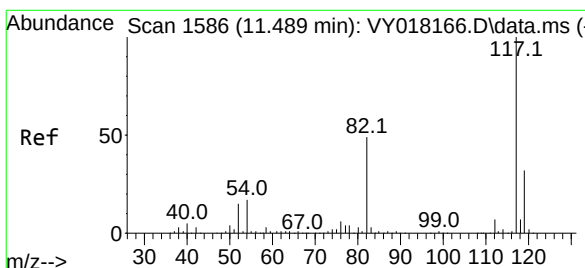
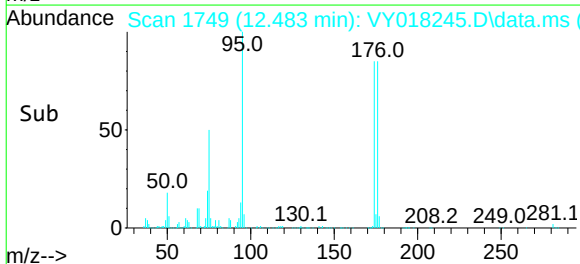
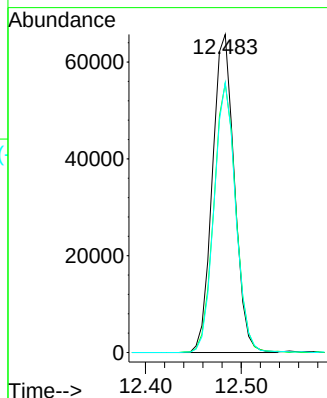
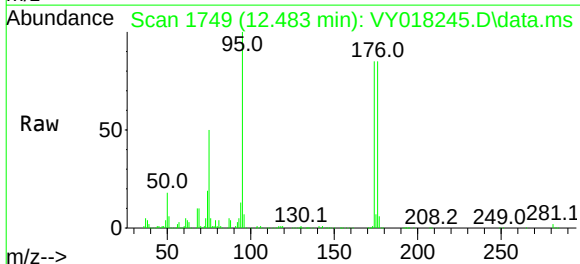
Tgt Ion: 95 Resp: 104686

Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 83.7 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: VY018245.D

Acq: 13 May 2024 16:36

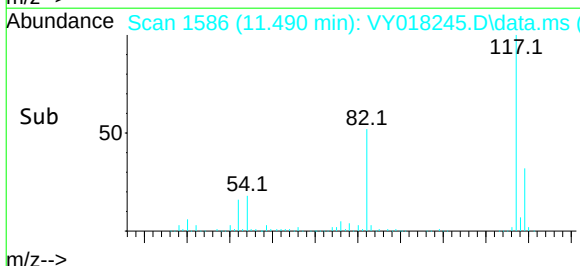
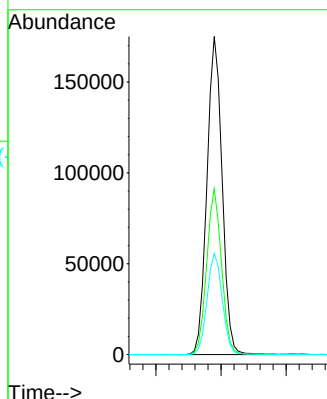
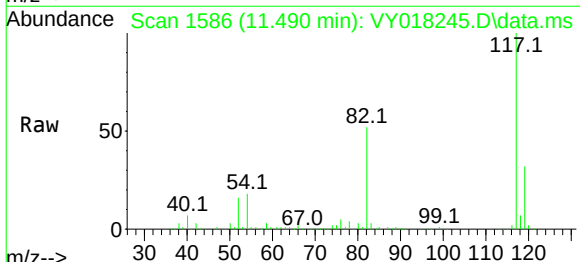
Tgt Ion: 117 Resp: 283461

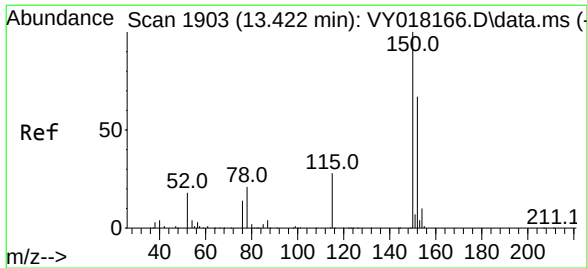
Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

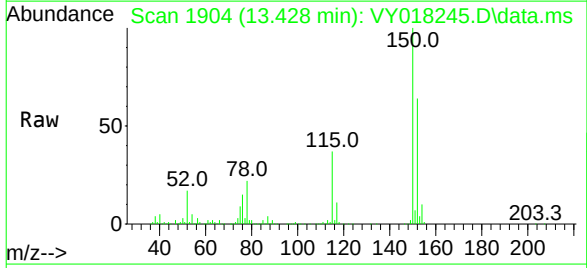
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY018245.D
 Acq: 13 May 2024 16:36

Instrument :
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Tgt Ion:	152	Resp:	101362
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	157.0	0.0	345.6

