

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018111.D
 Acq On : 02 May 2024 12:56
 Operator : SY/MD
 Sample : P2323-07
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: May 02 23:02:34 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)

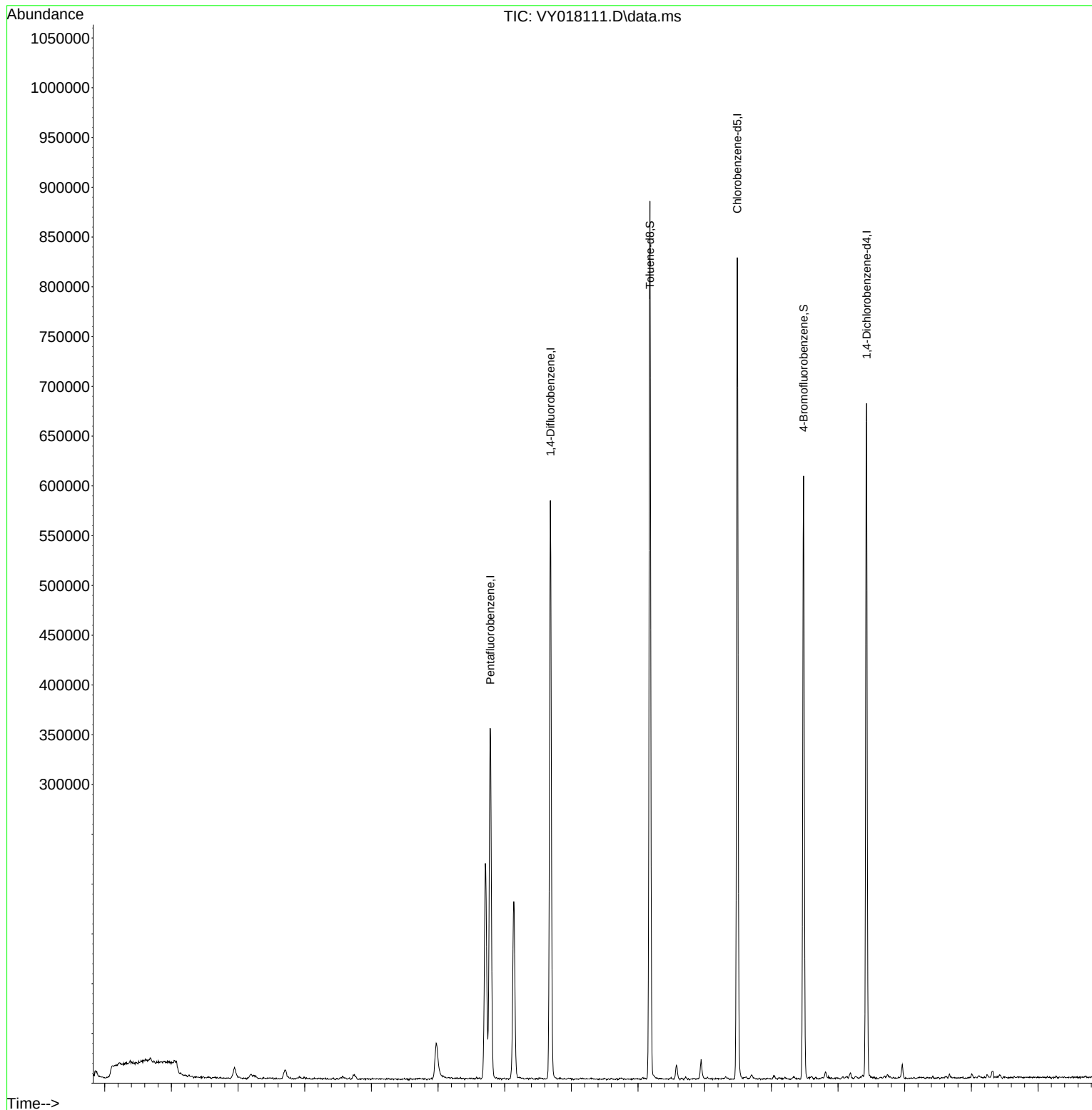
Internal Standards						
1) Pentafluorobenzene	7.783	168	297297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	467743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133709	57.058	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	114.120%	
35) Dibromofluoromethane	7.710	113	154468	51.349	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.700%	
50) Toluene-d8	10.179	98	583630	49.697	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.400%	
62) 4-Bromofluorobenzene	12.483	95	184696	45.700	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	91.400%	
Target Compounds						
16) Acetone	3.948	43	19943	44.672	ug/l	Qvalue 92

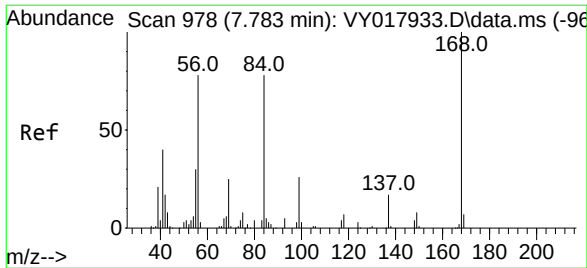
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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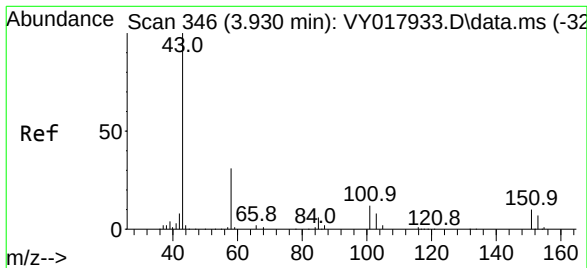
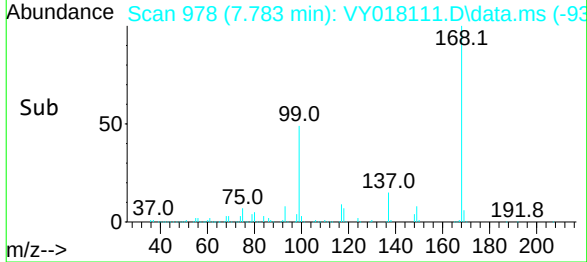
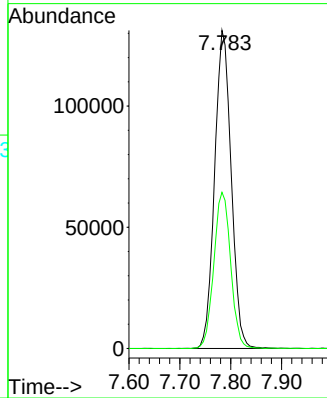
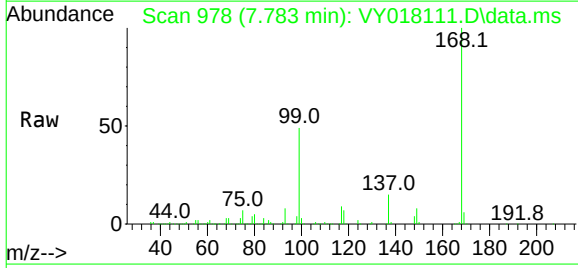




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

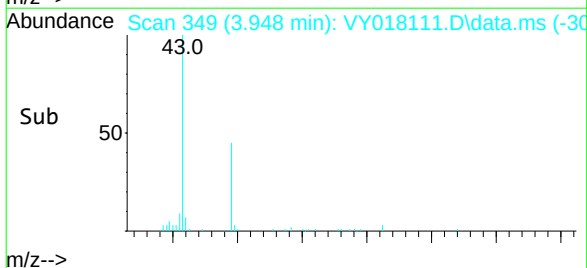
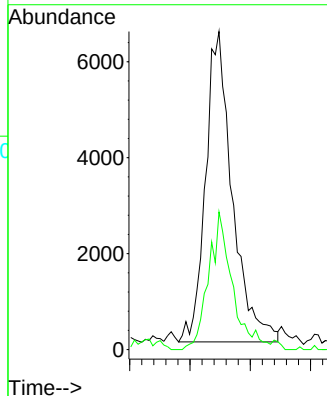
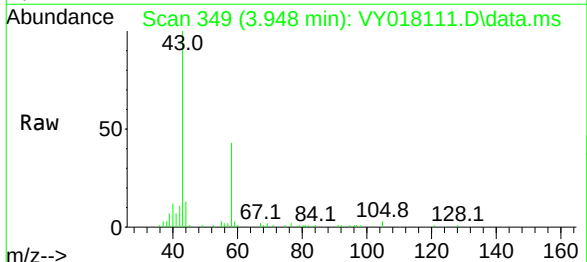
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

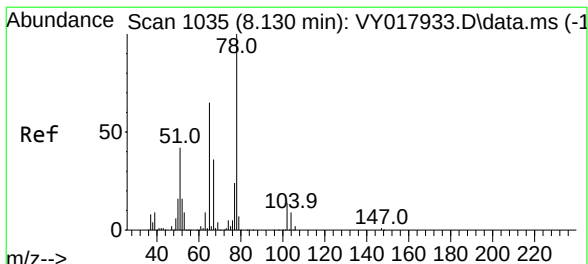
Tgt Ion:168 Resp: 297297
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#16
Acetone
Concen: 44.672 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Tgt Ion: 43 Resp: 19943
Ion Ratio Lower Upper
43 100
58 44.4 31.7 47.5

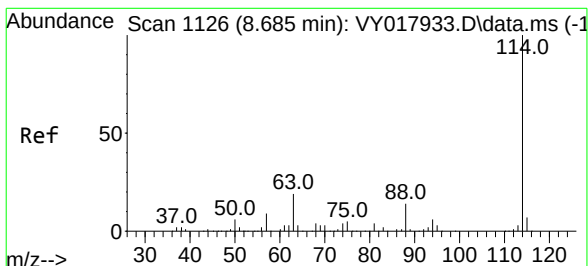
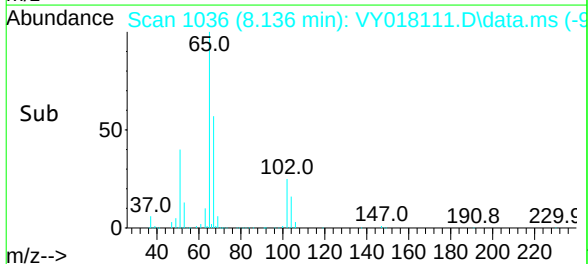
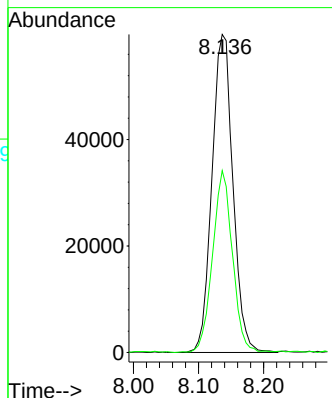
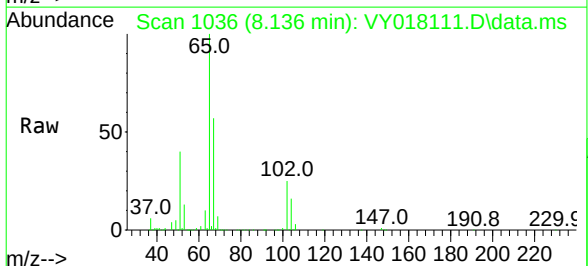




#33
 1,2-Dichloroethane-d4
 Concen: 57.058 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY018111.D
 Acq: 02 May 2024 12:56

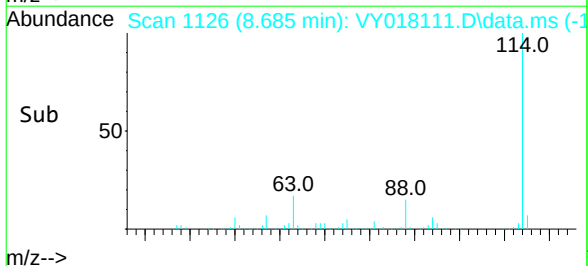
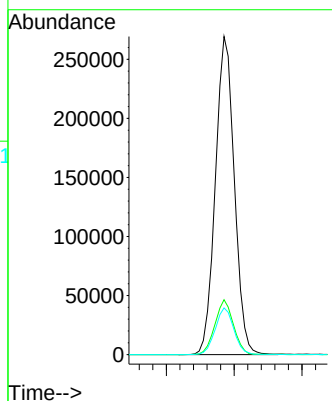
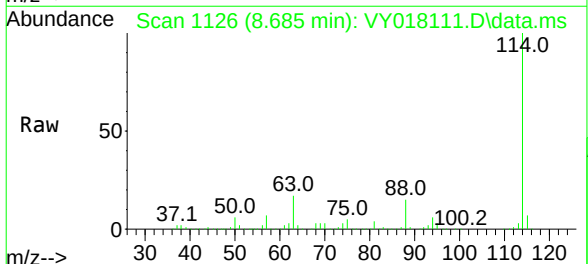
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

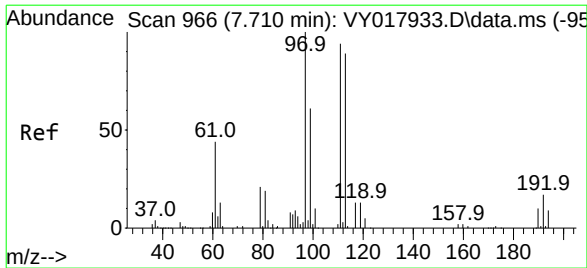
Tgt Ion:	65	Resp:	133709
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018111.D
 Acq: 02 May 2024 12:56

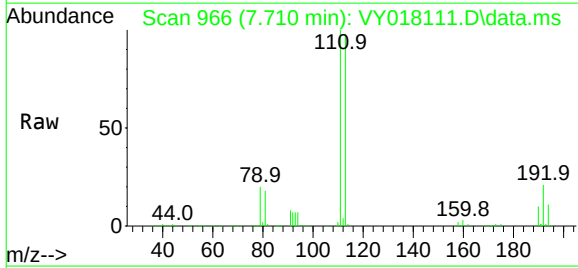
Tgt Ion:	114	Resp:	523463
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.0
88	14.7	0.0	27.2



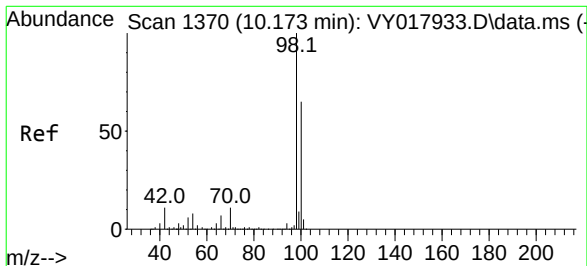
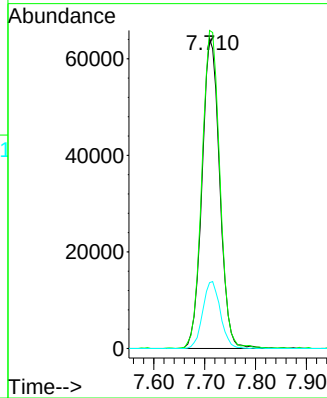
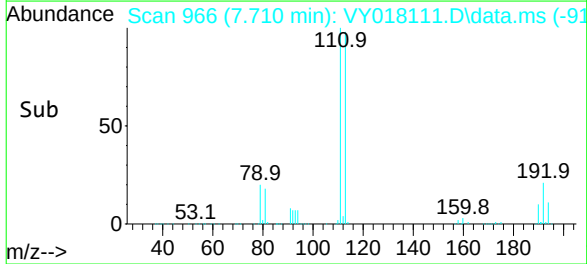


#35
Dibromofluoromethane
Concen: 51.349 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

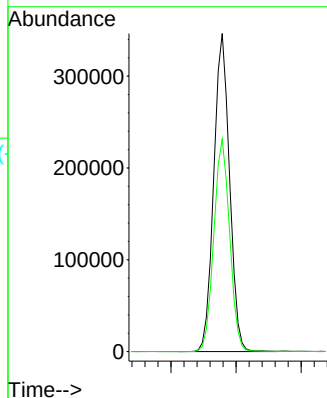
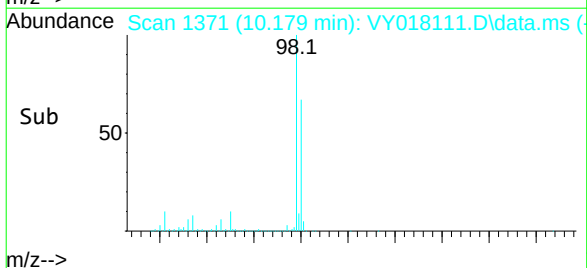
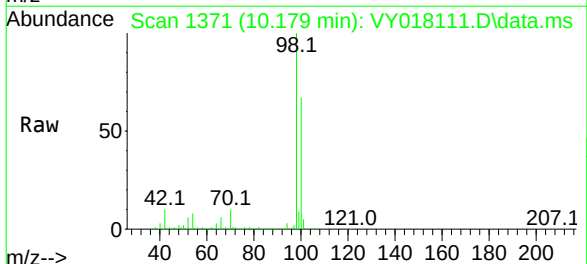


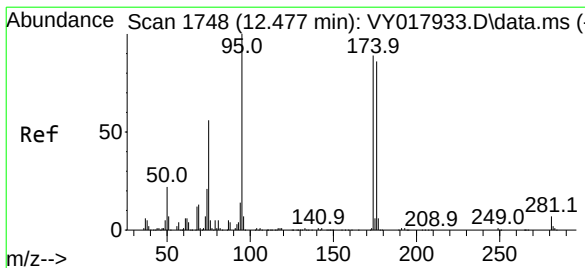
Tgt Ion:113 Resp: 154468
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 21.6 15.9 23.9



#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018111.D
Acq: 02 May 2024 12:56

Tgt Ion: 98 Resp: 583630
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.700 ug/l

RT: 12.483 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018111.D

Acq: 02 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

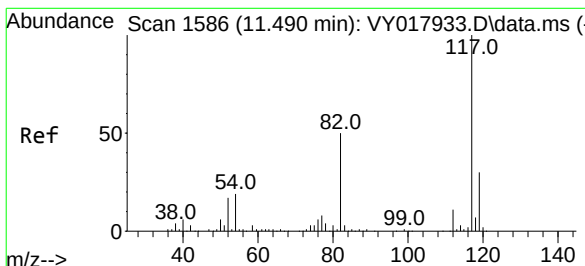
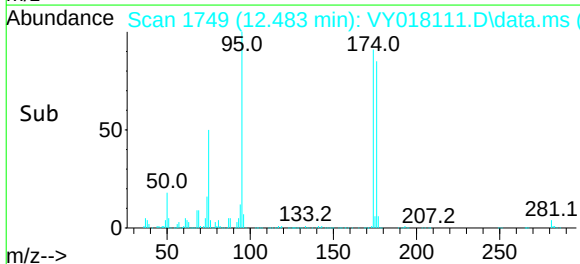
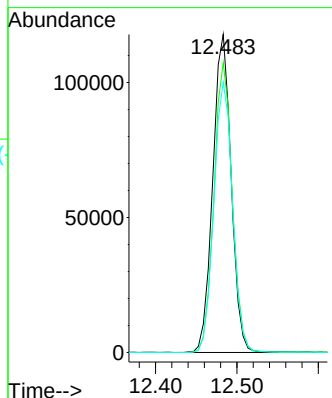
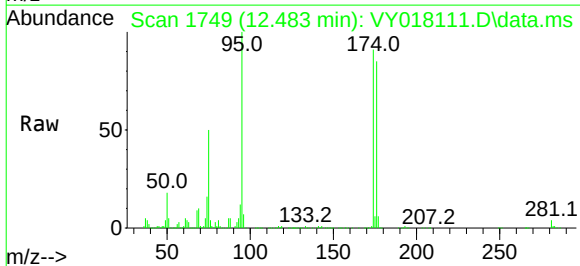
Tgt Ion: 95 Resp: 184696

Ion Ratio Lower Upper

95 100

174 90.9 0.0 175.6

176 86.5 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: VY018111.D

Acq: 02 May 2024 12:56

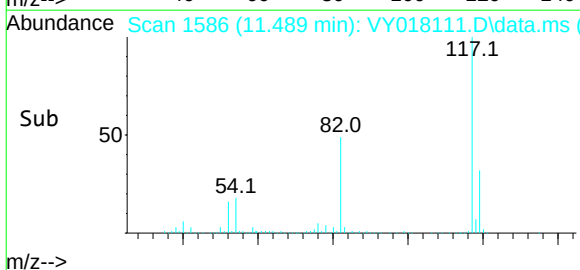
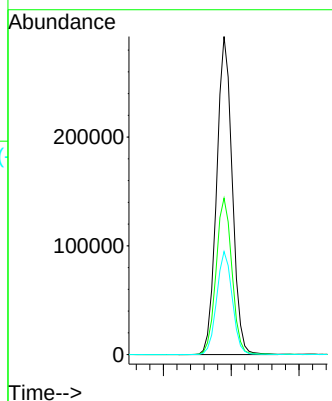
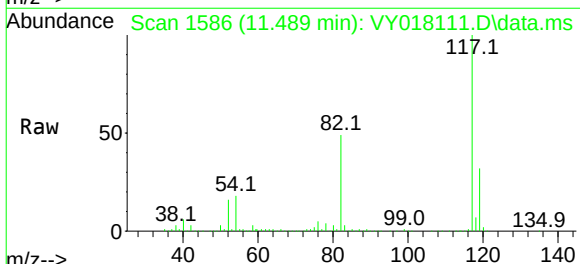
Tgt Ion: 117 Resp: 467743

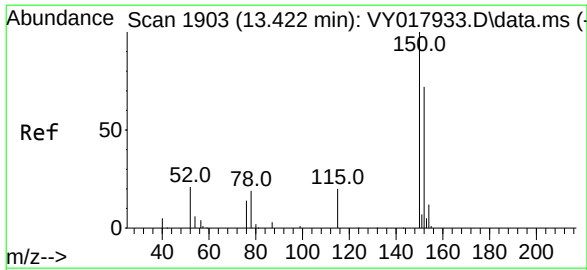
Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

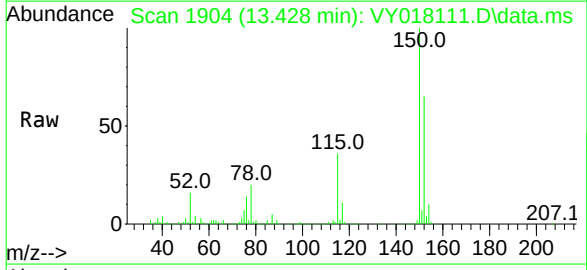
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY018111.D
 Acq: 02 May 2024 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	187661
Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	155.6	0.0	345.6

