

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018121.D
 Acq On : 02 May 2024 16:53
 Operator : SY/MD
 Sample : P2330-05
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 F-1(0.5-1.5)

Quant Time: May 02 23:06:29 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)

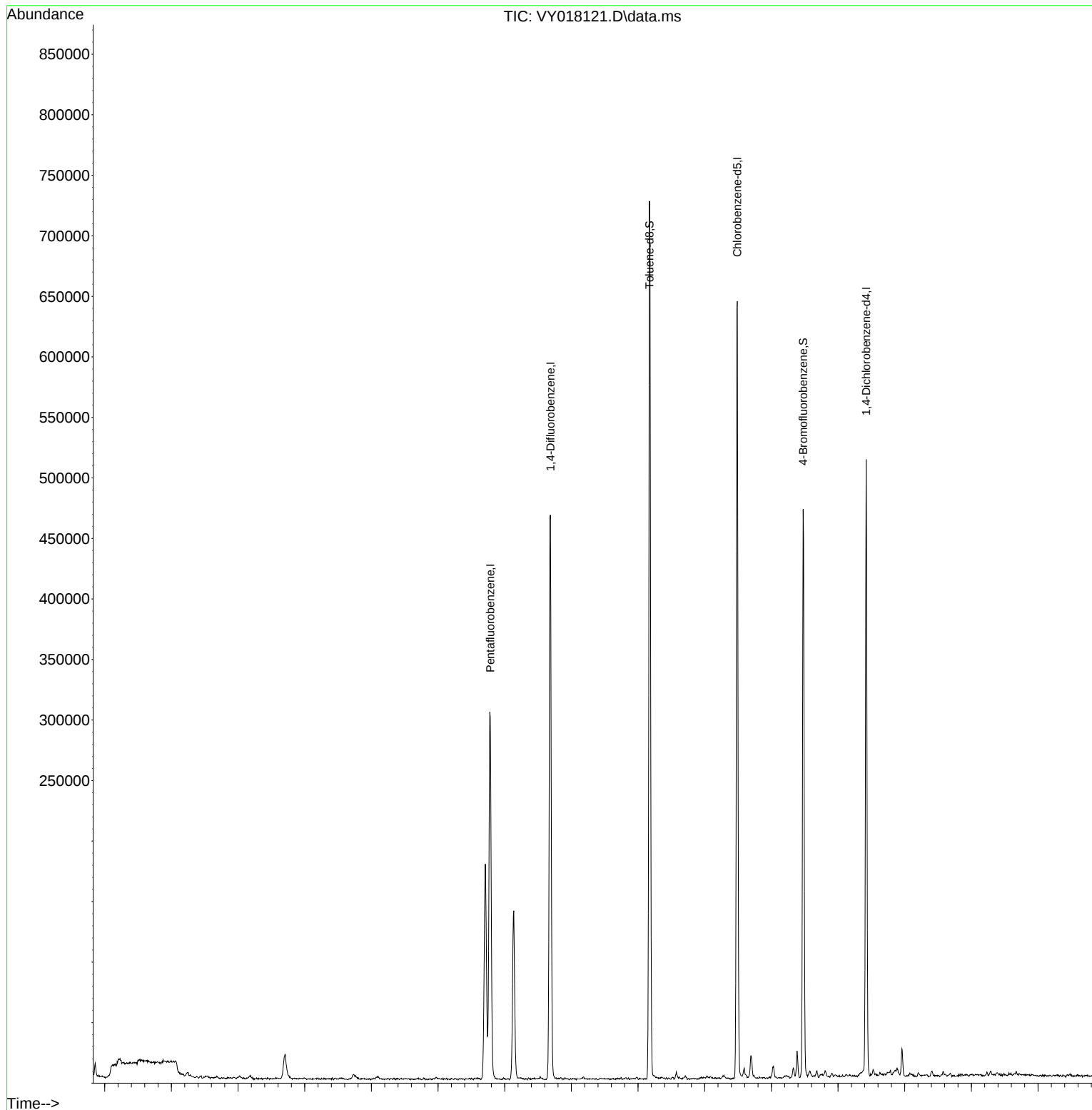
Internal Standards						
1) Pentafluorobenzene	7.783	168	258119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	444350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	376441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	101243	49.761	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.520%		
35) Dibromofluoromethane	7.710	113	128352	50.264	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.520%		
50) Toluene-d8	10.173	98	492755	49.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.477	95	143953	41.960	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.920%		
Target Compounds						
20) Methylene Chloride	4.698	84	16603	6.113	ug/l	Qvalue 98

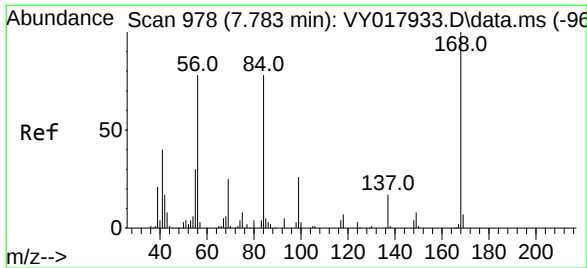
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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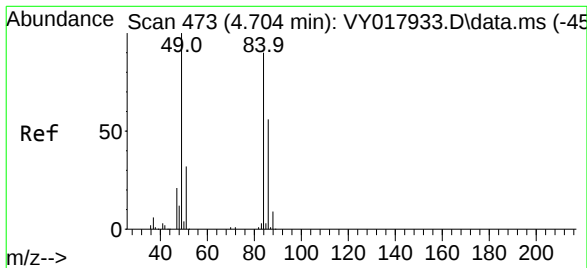
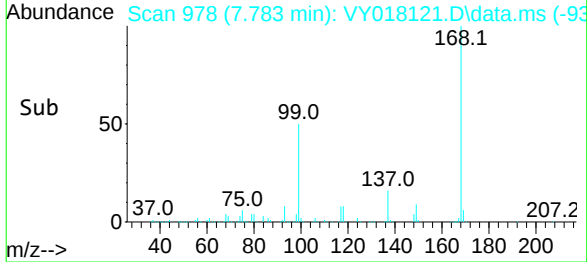
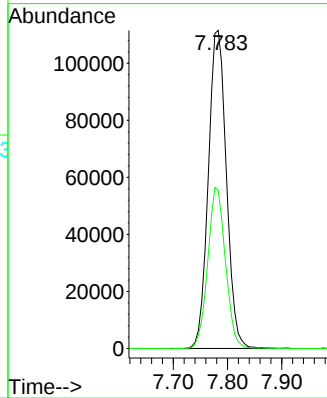
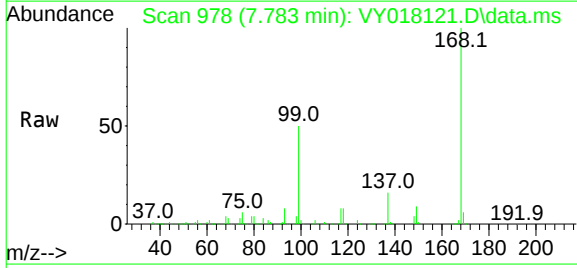




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

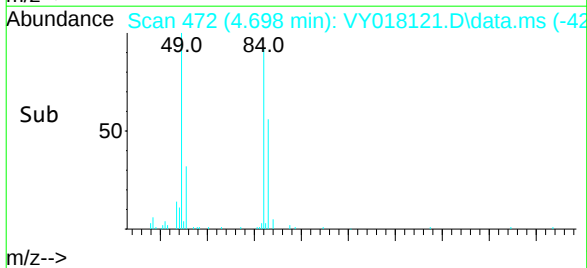
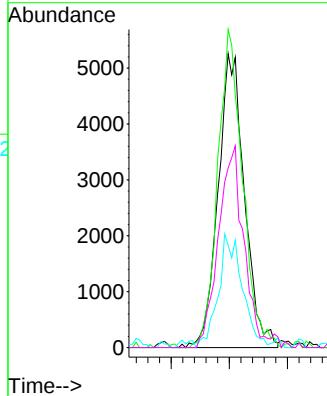
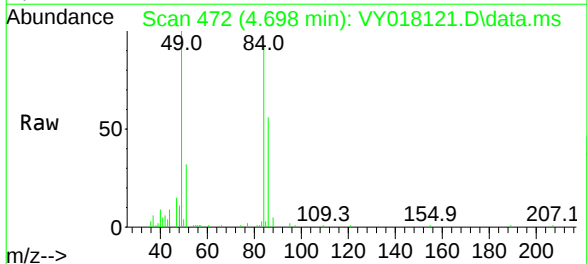
Instrument :
MSVOA_Y
ClientSampleId :
F-1(0.5-1.5)

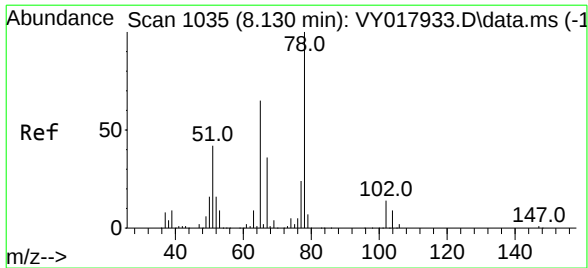
Tgt Ion:168 Resp: 258119
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#20
Methylene Chloride
Concen: 6.113 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

Tgt Ion: 84 Resp: 16603
Ion Ratio Lower Upper
84 100
49 108.3 84.4 126.6
51 33.3 26.0 39.0
86 61.1 49.5 74.3

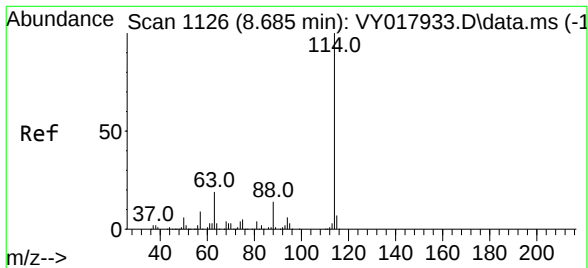
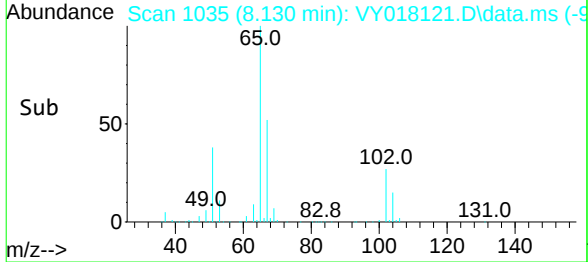
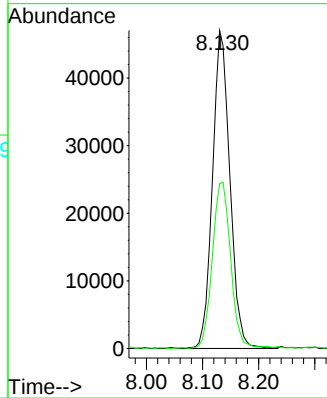
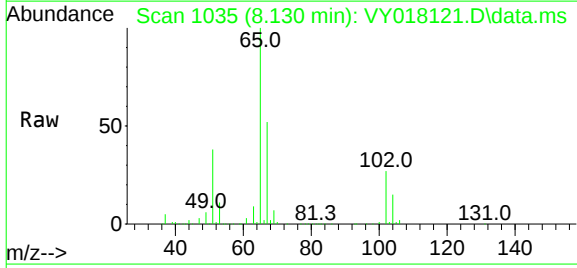




#33
1,2-Dichloroethane-d4
Concen: 49.761 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

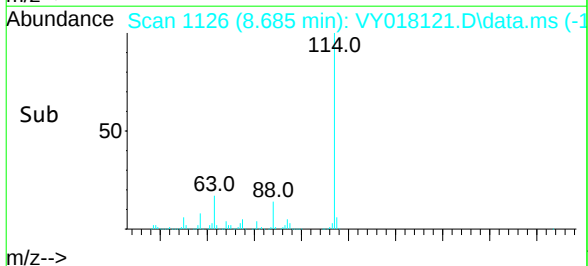
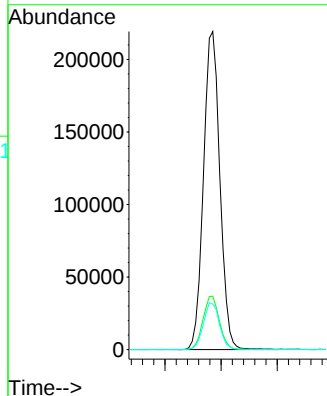
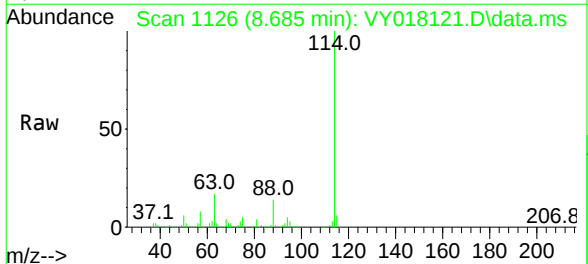
Instrument :
MSVOA_Y
ClientSampleId :
F-1(0.5-1.5)

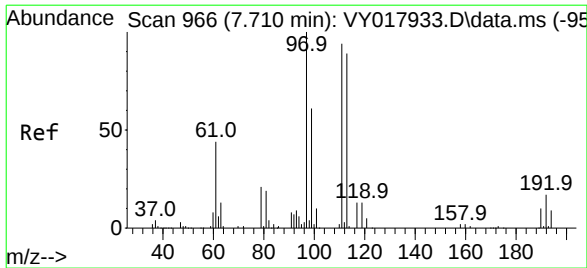
Tgt Ion: 65 Resp: 101243
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

Tgt Ion: 114 Resp: 444350
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.264 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018121.D

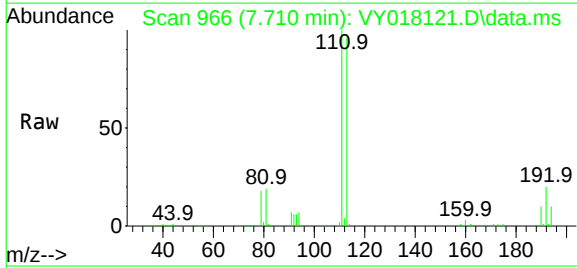
Acq: 02 May 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

F-1(0.5-1.5)



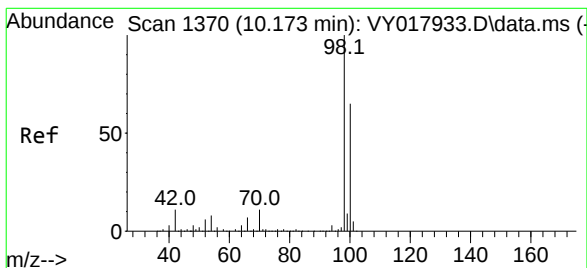
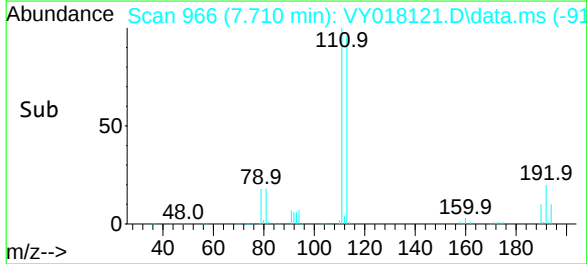
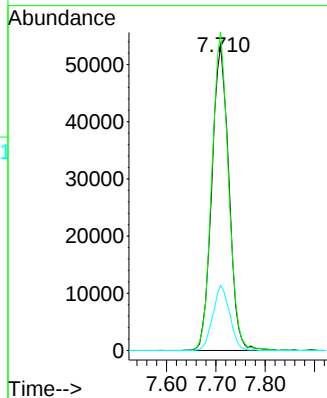
Tgt Ion:113 Resp: 128352

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 21.0 15.9 23.9



#50

Toluene-d8

Concen: 49.429 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY018121.D

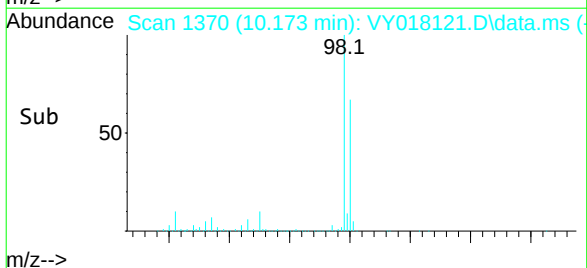
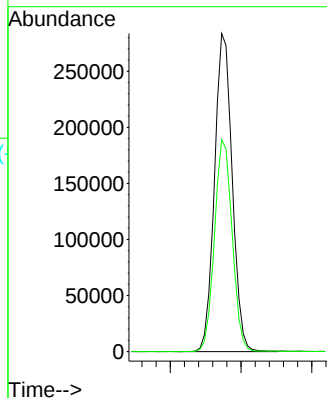
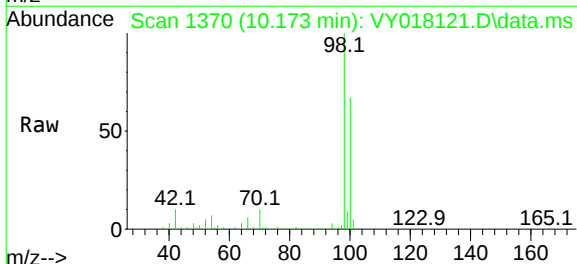
Acq: 02 May 2024 16:53

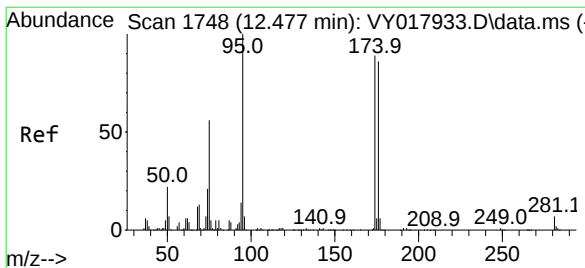
Tgt Ion: 98 Resp: 492755

Ion Ratio Lower Upper

98 100

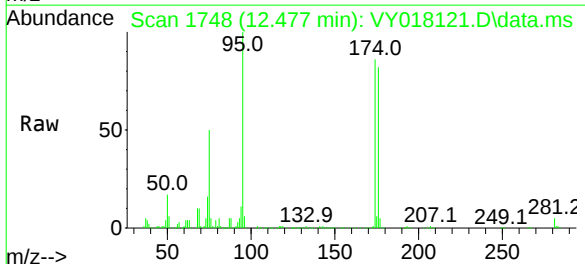
100 66.6 52.0 78.0



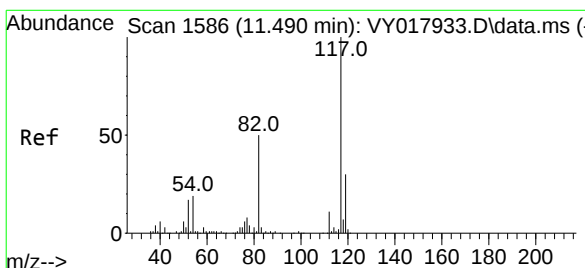
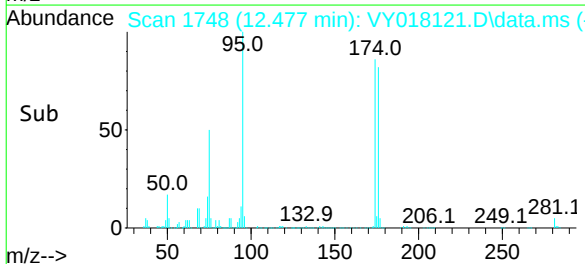
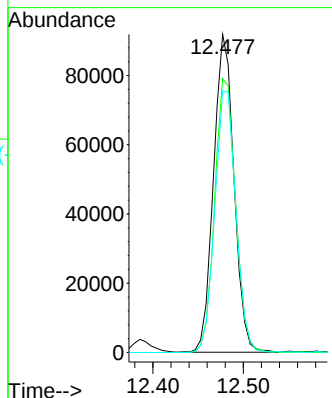


#62
4-Bromofluorobenzene
Concen: 41.960 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :
F-1(0.5-1.5)

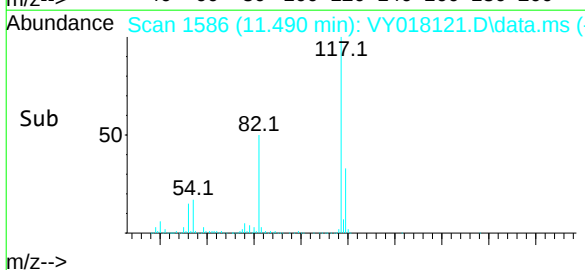
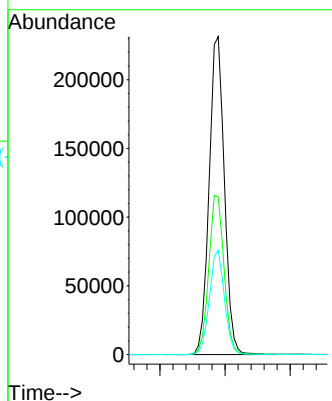
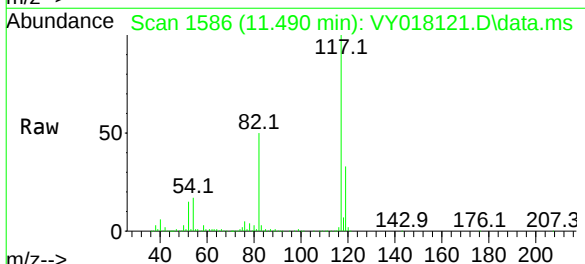


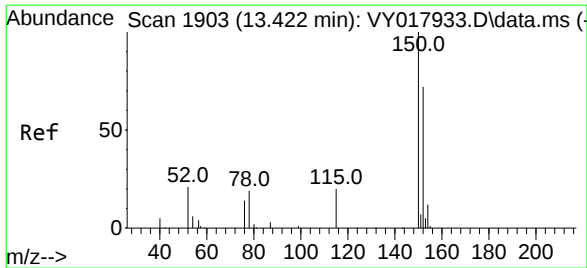
Tgt Ion: 95 Resp: 143953
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.6
176 84.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

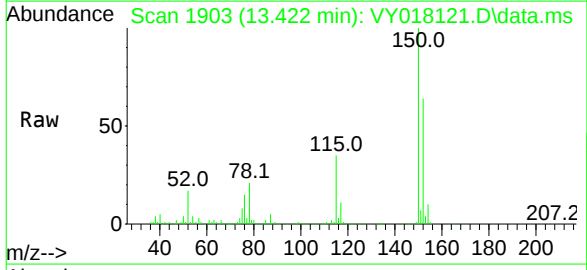
Tgt Ion: 117 Resp: 376441
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY018121.D
 Acq: 02 May 2024 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 F-1(0.5-1.5)



Tgt Ion:	152	Resp:	138748
Ion	Ratio	Lower	Upper
152	100		
115	53.7	28.2	84.7
150	153.7	0.0	345.6

