

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018114.D
 Acq On : 02 May 2024 14:07
 Operator : SY/MD
 Sample : P2322-02
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEMAREST-MS

Quant Time: May 02 23:03:45 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)

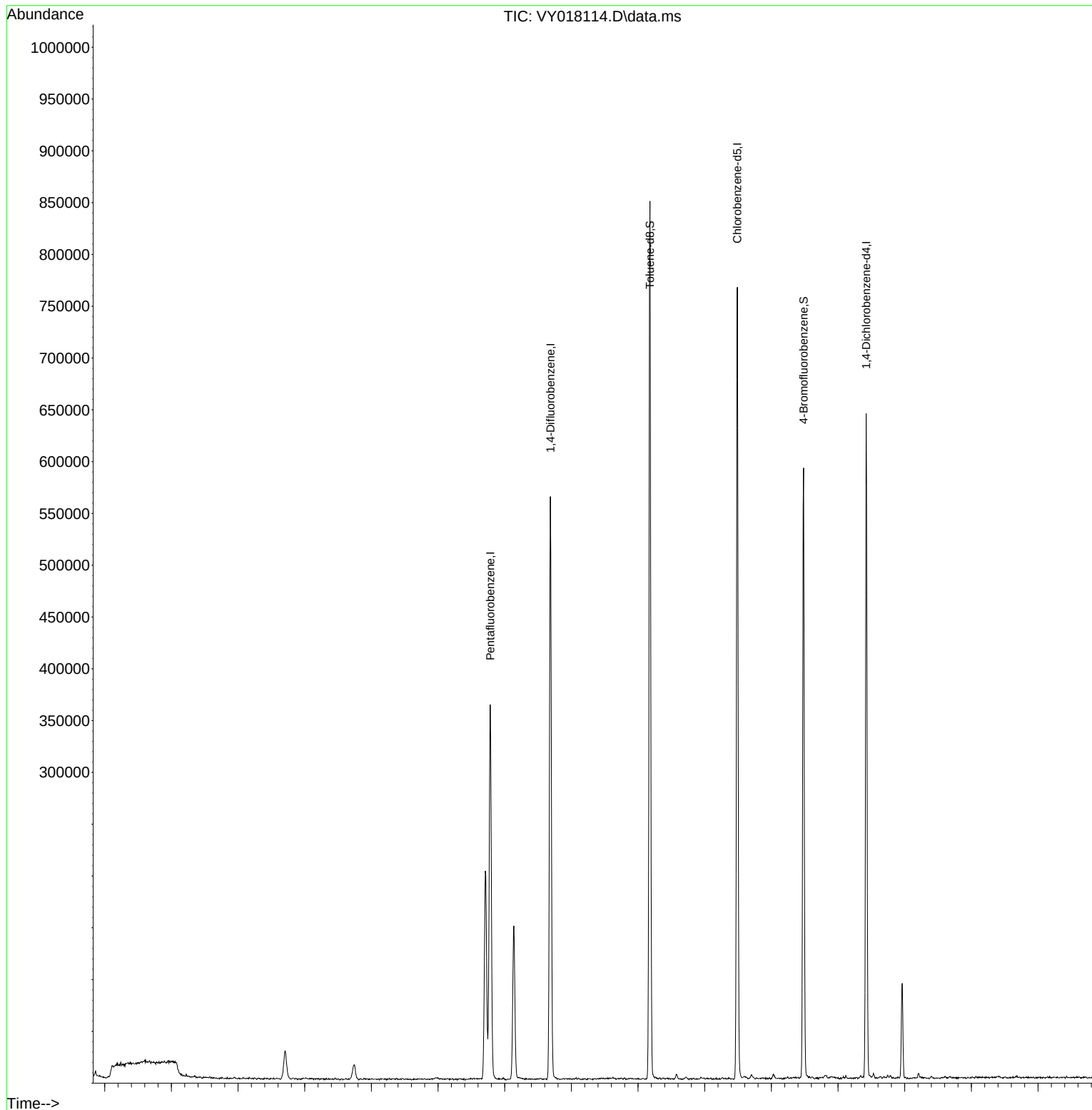
Internal Standards						
1) Pentafluorobenzene	7.783	168	297691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111129	47.359	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.720%		
35) Dibromofluoromethane	7.710	113	147877	49.161	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.320%		
50) Toluene-d8	10.179	98	570947	48.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.483	95	173361	42.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.800%		
Target Compounds					Qvalue	
20) Methylene Chloride	4.710	84	22033	7.034	ug/l	99

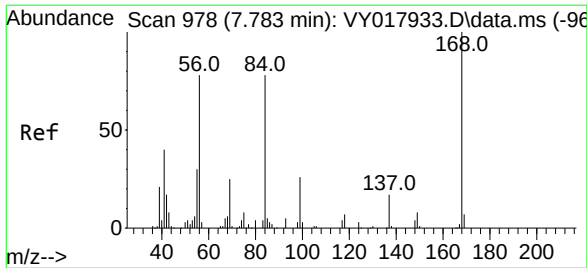
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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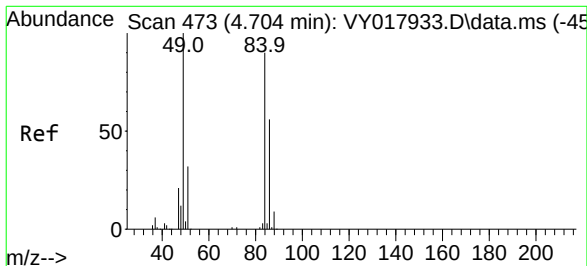
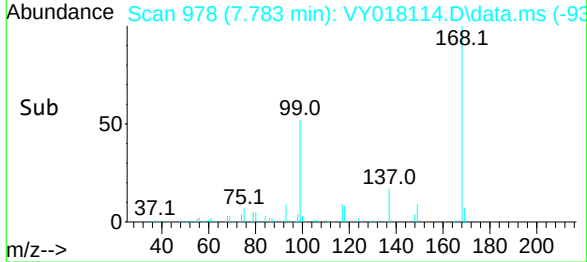
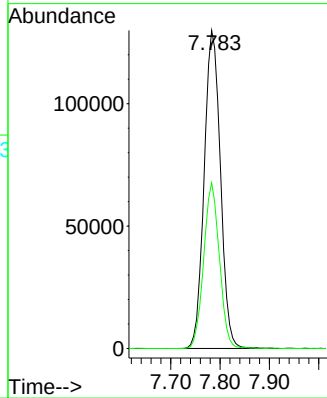
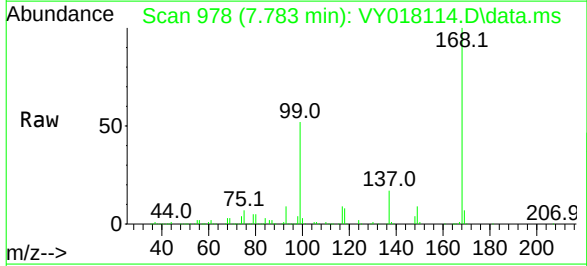




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

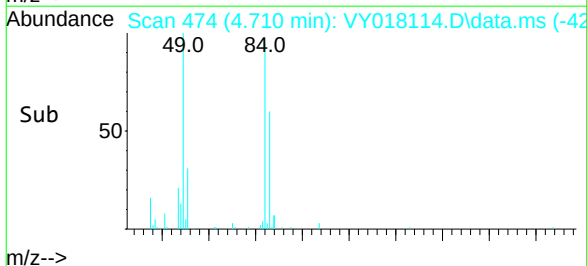
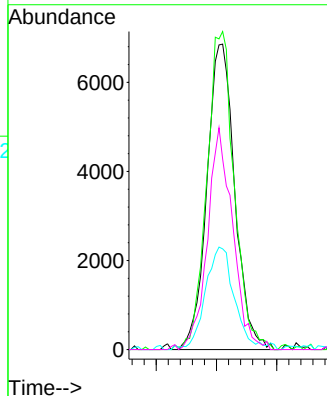
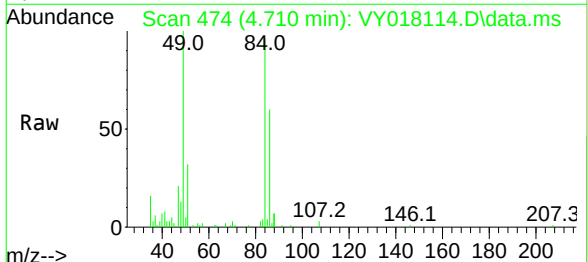
Instrument :
MSVOA_Y
ClientSampleId :
DEMAREST-MS

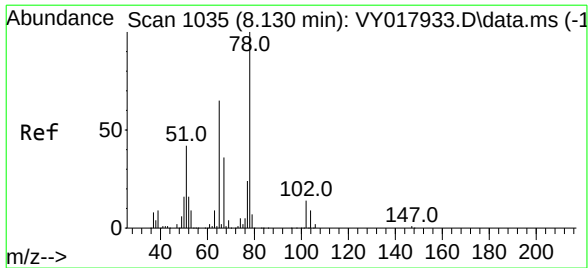
Tgt Ion:168 Resp: 297691
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#20
Methylene Chloride
Concen: 7.034 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

Tgt Ion: 84 Resp: 22033
Ion Ratio Lower Upper
84 100
49 103.3 84.4 126.6
51 33.0 26.0 39.0
86 62.4 49.5 74.3

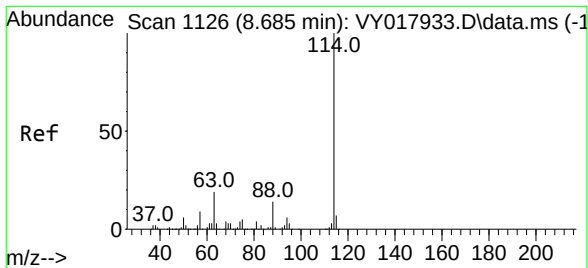
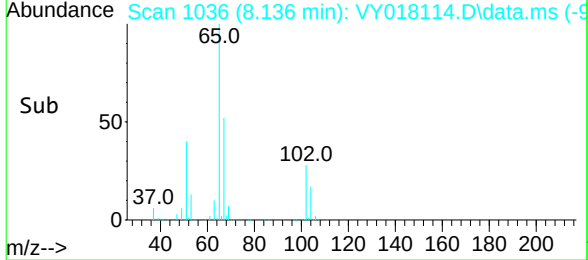
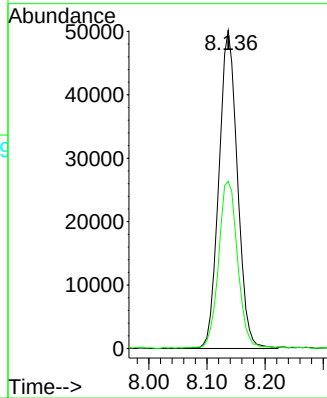
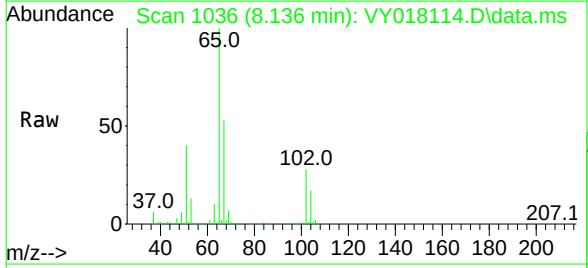




#33
1,2-Dichloroethane-d4
Concen: 47.359 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

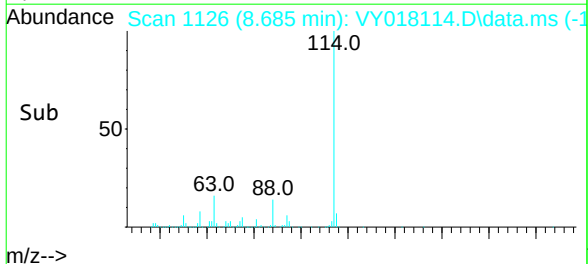
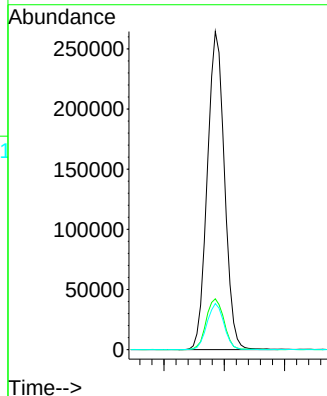
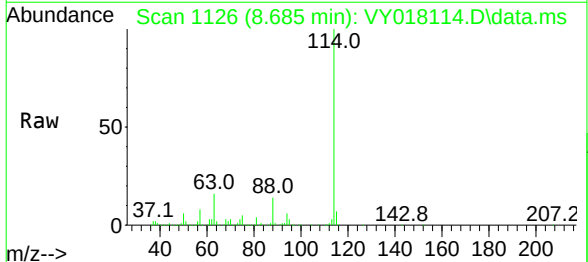
Instrument :
MSVOA_Y
ClientSampleId :
DEMAREST-MS

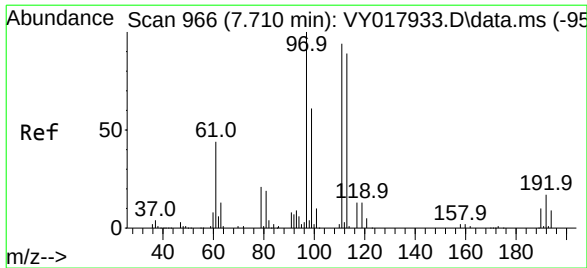
Tgt Ion: 65 Resp: 111129
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

Tgt Ion: 114 Resp: 523428
Ion Ratio Lower Upper
114 100
63 16.0 0.0 35.0
88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.161 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018114.D

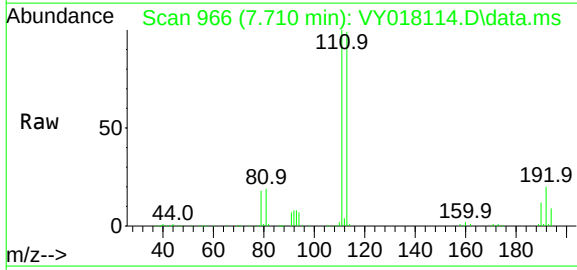
Acq: 02 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

DEMAREST-MS



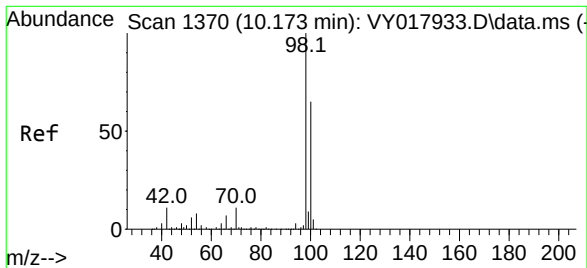
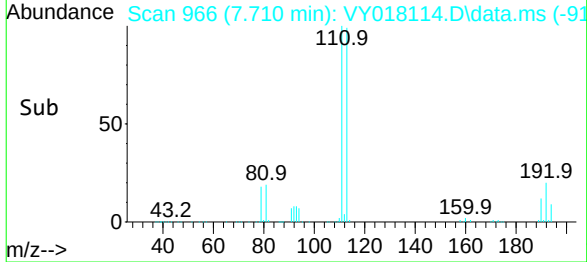
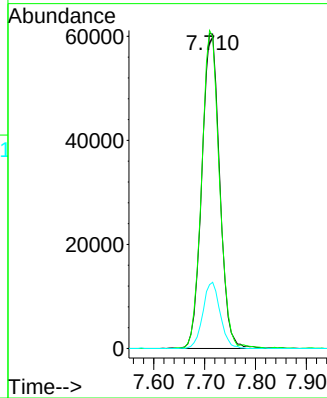
Tgt Ion:113 Resp: 147877

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 20.3 15.9 23.9



#50

Toluene-d8

Concen: 48.620 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018114.D

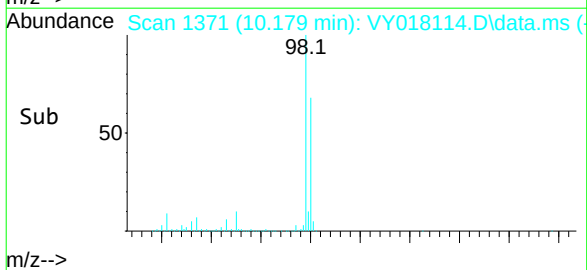
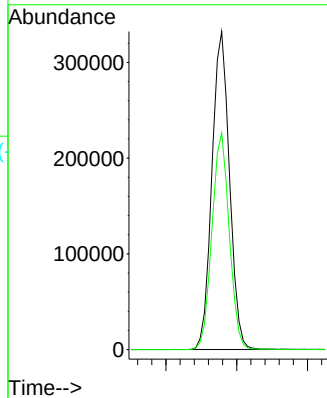
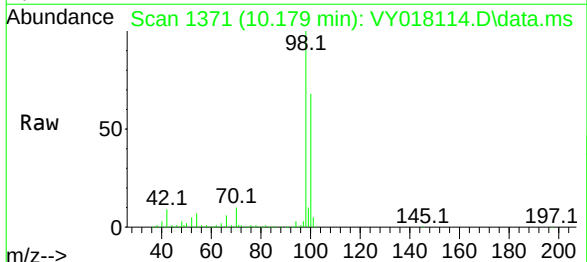
Acq: 02 May 2024 14:07

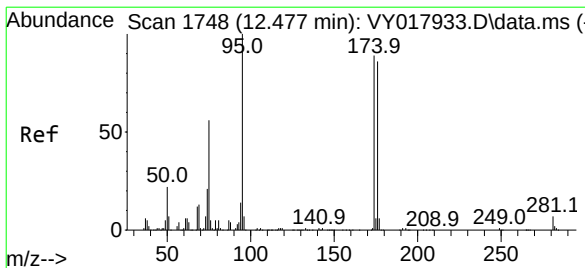
Tgt Ion: 98 Resp: 570947

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.898 ug/l

RT: 12.483 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

DEMAREST-MS

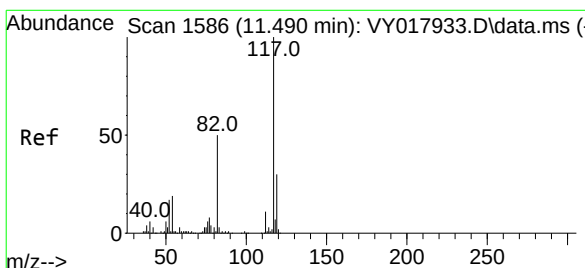
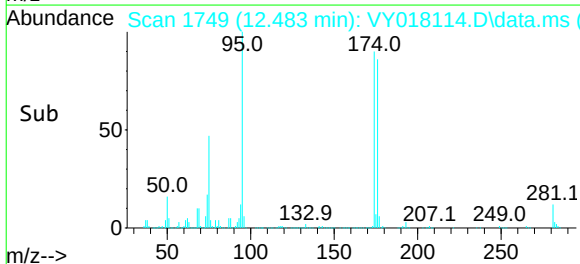
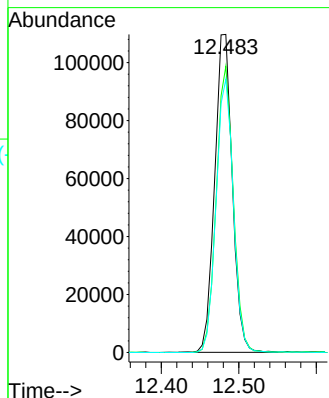
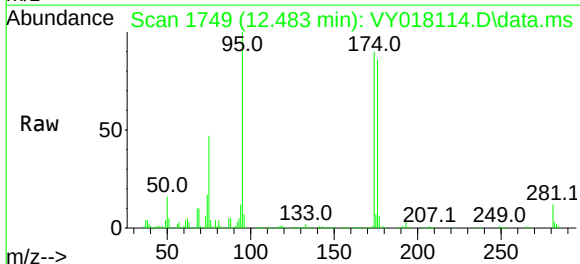
Tgt Ion: 95 Resp: 173361

Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 84.2 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: VY018114.D

Acq: 02 May 2024 14:07

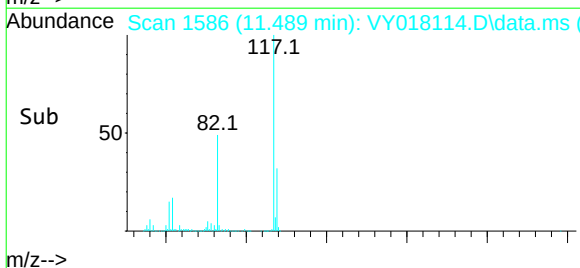
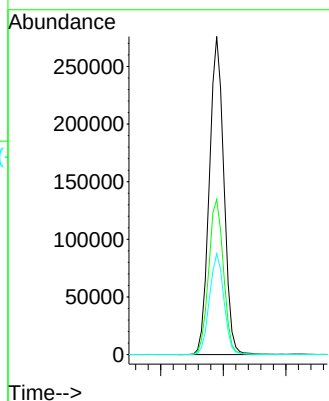
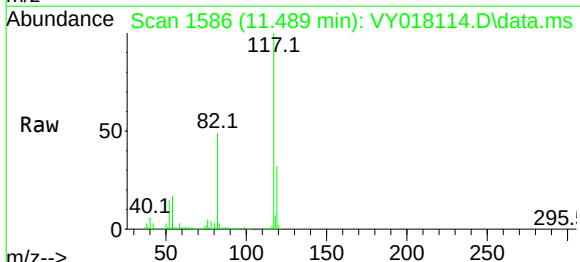
Tgt Ion: 117 Resp: 446095

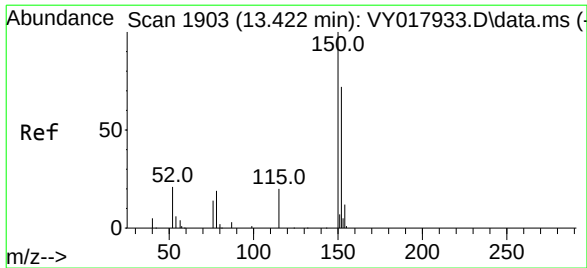
Ion Ratio Lower Upper

117 100

82 48.7 42.4 63.6

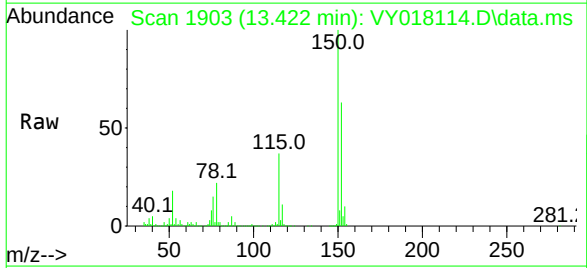
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY018114.D
 Acq: 02 May 2024 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEMAREST-MS



Tgt Ion:	152	Resp:	169409
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	158.6	0.0	345.6

