

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018159.D
 Acq On : 06 May 2024 13:23
 Operator : SY/MD
 Sample : P2362-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OUTSIDE-FOOTINGS

Quant Time: May 06 23:46:37 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	98547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	155022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27332	35.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.380%
35) Dibromofluoromethane	7.710	113	38217	42.899	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.800%
50) Toluene-d8	10.179	98	161194	46.348	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.483	95	39230	32.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.560%

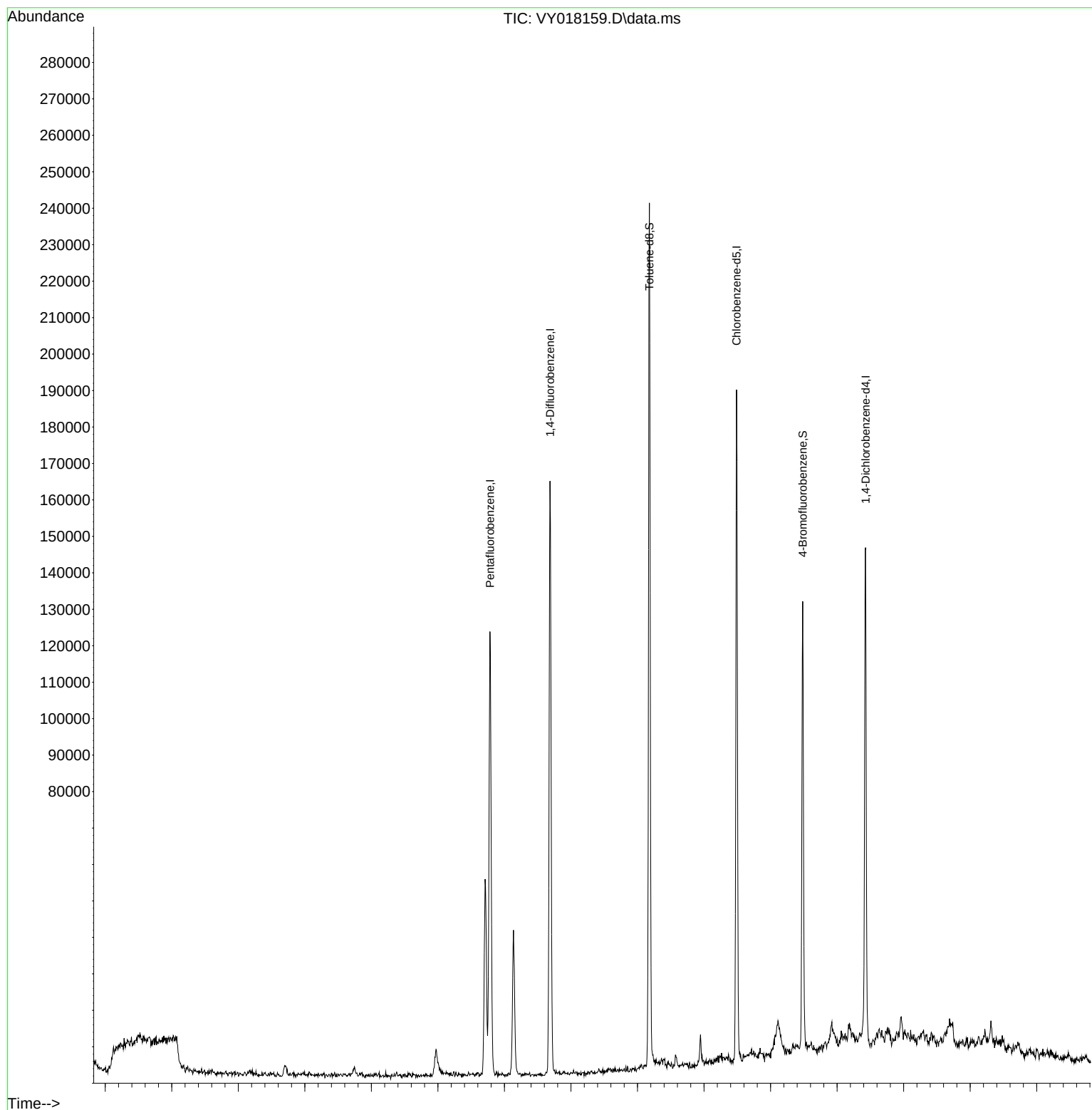
Target Compounds Qvalue

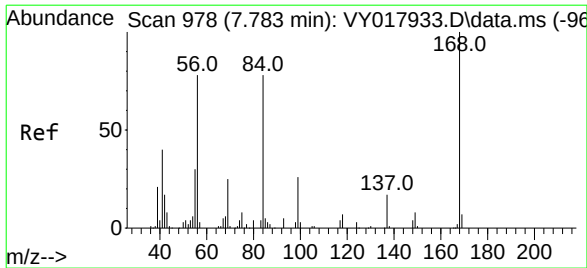
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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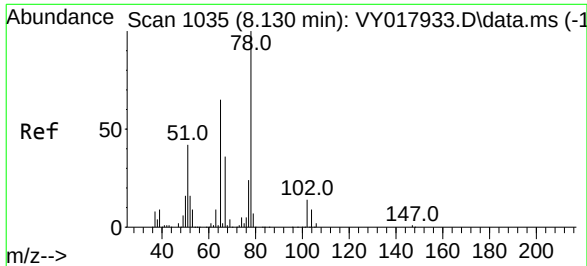
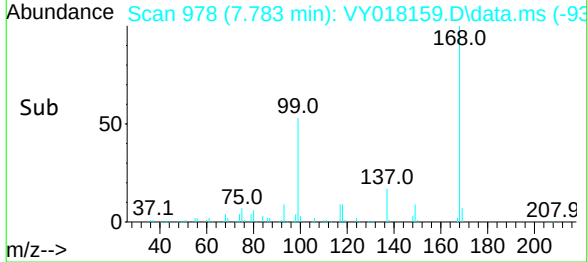
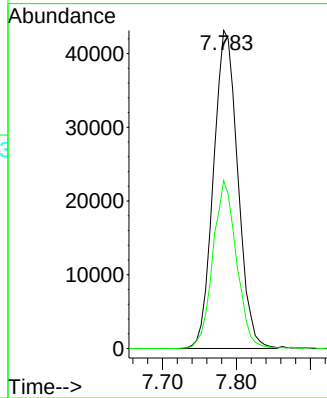
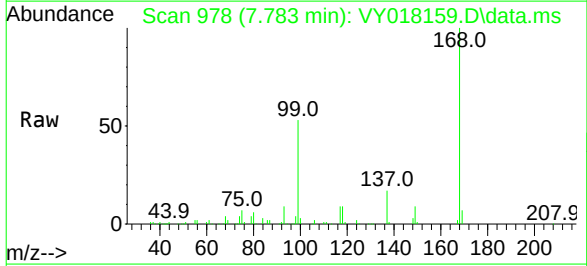




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018159.D
Acq: 06 May 2024 13:23

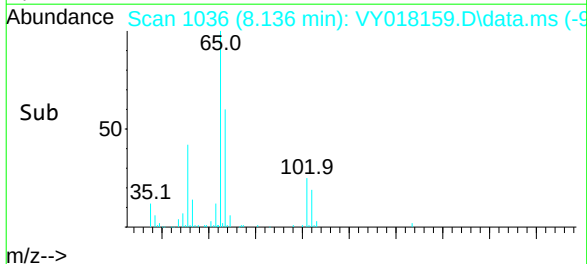
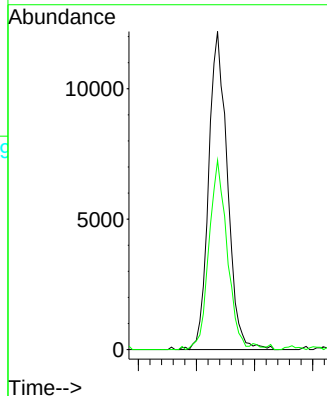
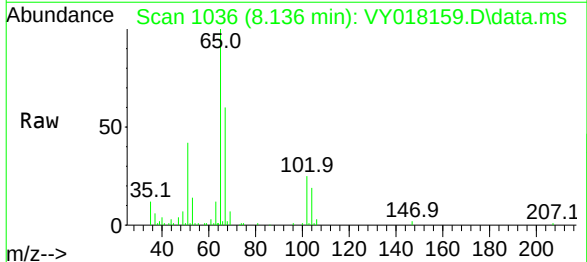
Instrument :
MSVOA_Y
ClientSampleId :
OUTSIDE-FOOTINGS

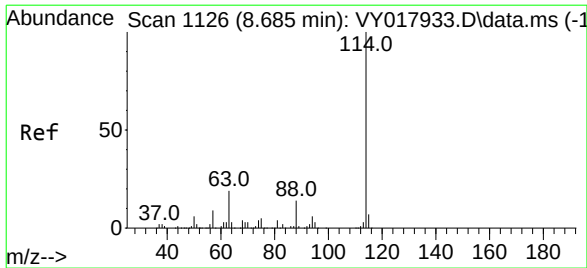
Tgt Ion:168 Resp: 98547
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 35.186 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018159.D
Acq: 06 May 2024 13:23

Tgt Ion: 65 Resp: 27332
Ion Ratio Lower Upper
65 100
67 57.9 0.0 109.6

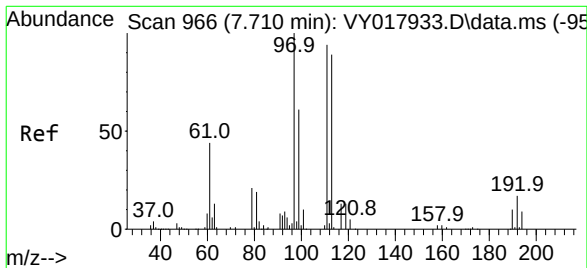
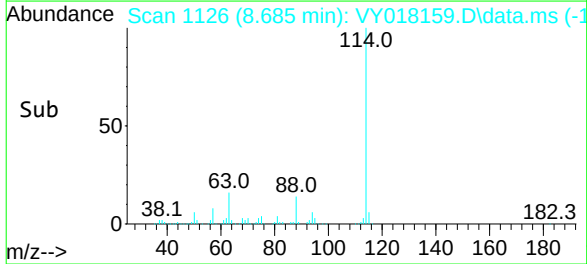
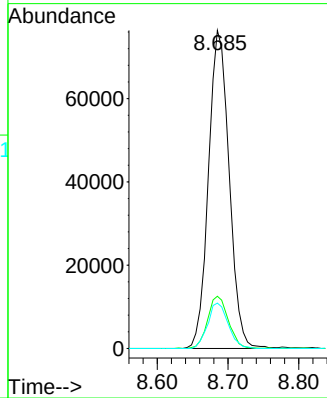
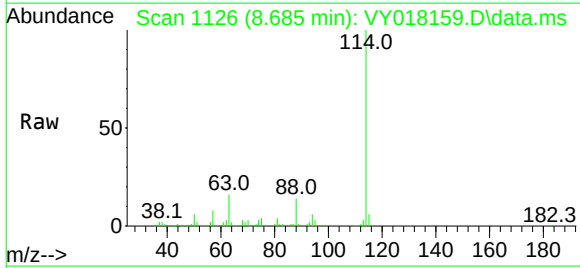




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018159.D
Acq: 06 May 2024 13:23

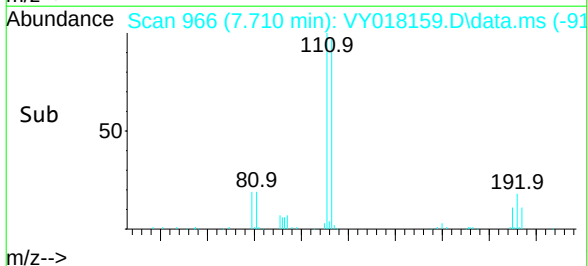
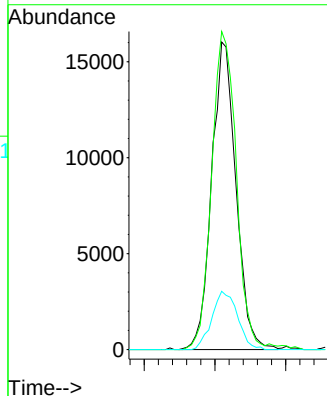
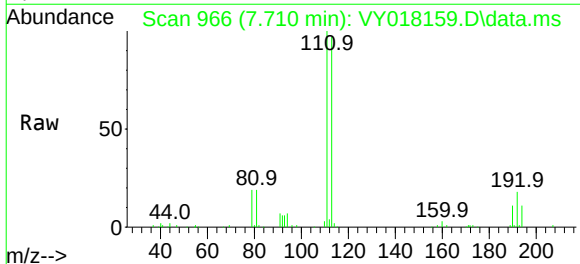
Instrument :
MSVOA_Y
ClientSampleId :
OUTSIDE-FOOTINGS

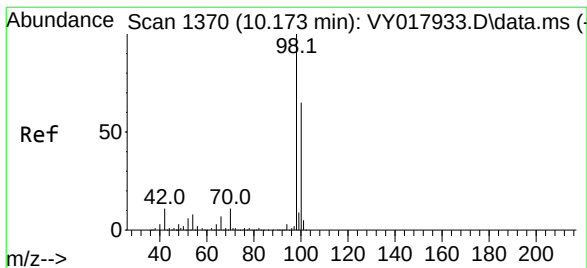
Tgt Ion:	114	Resp:	155022
Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	35.0
88	14.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 42.899 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018159.D
Acq: 06 May 2024 13:23

Tgt Ion:	113	Resp:	38217
Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.2	123.4
192	20.0	15.9	23.9





#50

Toluene-d8

Concen: 46.348 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018159.D

Acq: 06 May 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

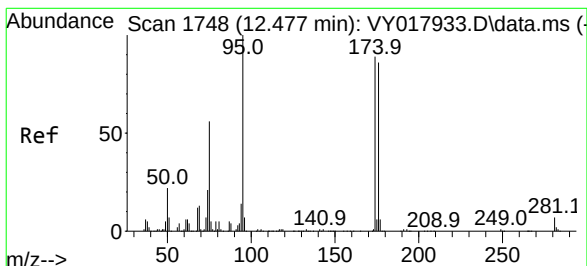
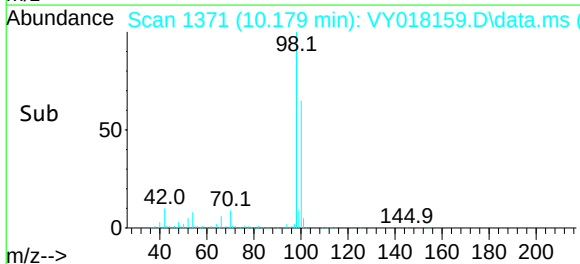
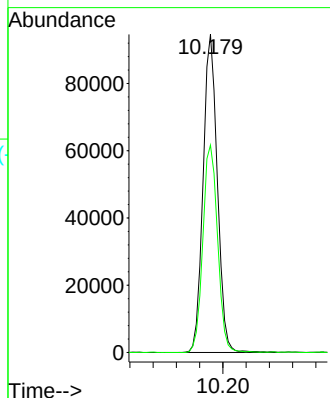
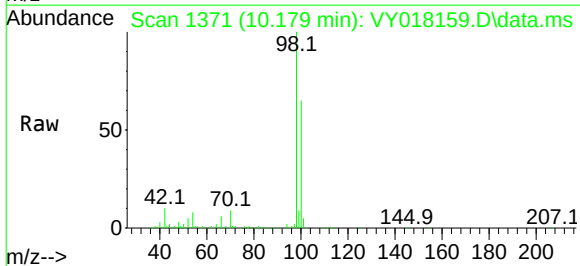
OUTSIDE-FOOTINGS

Tgt Ion: 98 Resp: 161194

Ion Ratio Lower Upper

98 100

100 67.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.777 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018159.D

Acq: 06 May 2024 13:23

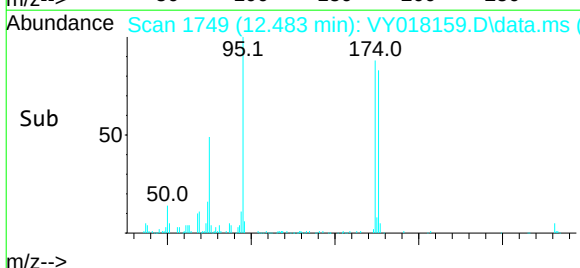
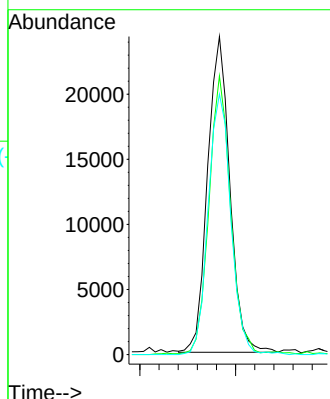
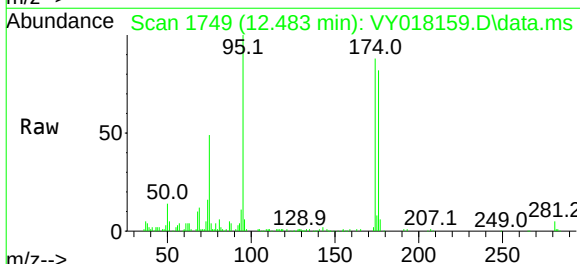
Tgt Ion: 95 Resp: 39230

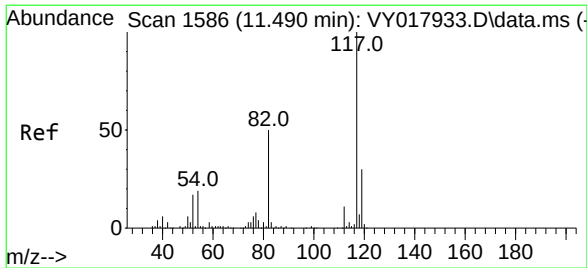
Ion Ratio Lower Upper

95 100

174 84.6 0.0 175.6

176 84.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018159.D

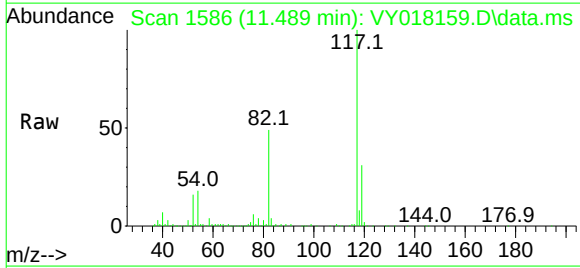
Acq: 06 May 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

OUTSIDE-FOOTINGS



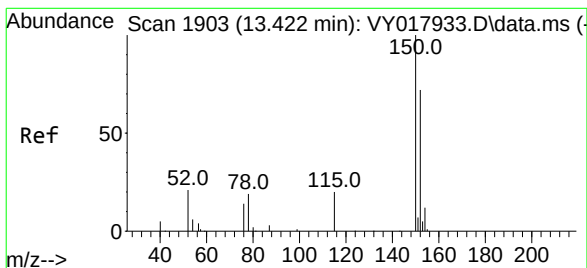
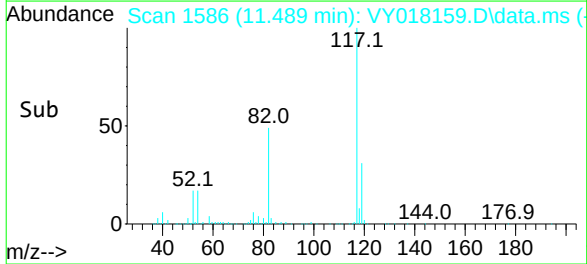
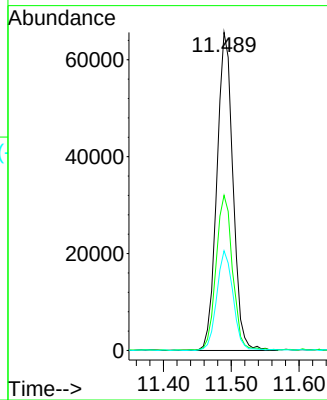
Tgt Ion:117 Resp: 108473

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018159.D

Acq: 06 May 2024 13:23

Tgt Ion:152 Resp: 36254

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 157.7 0.0 345.6

