

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018125.D
 Acq On : 02 May 2024 18:28
 Operator : SY/MD
 Sample : P2330-13
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-2(0.5-1.5)

Quant Time: May 02 23:08:09 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)

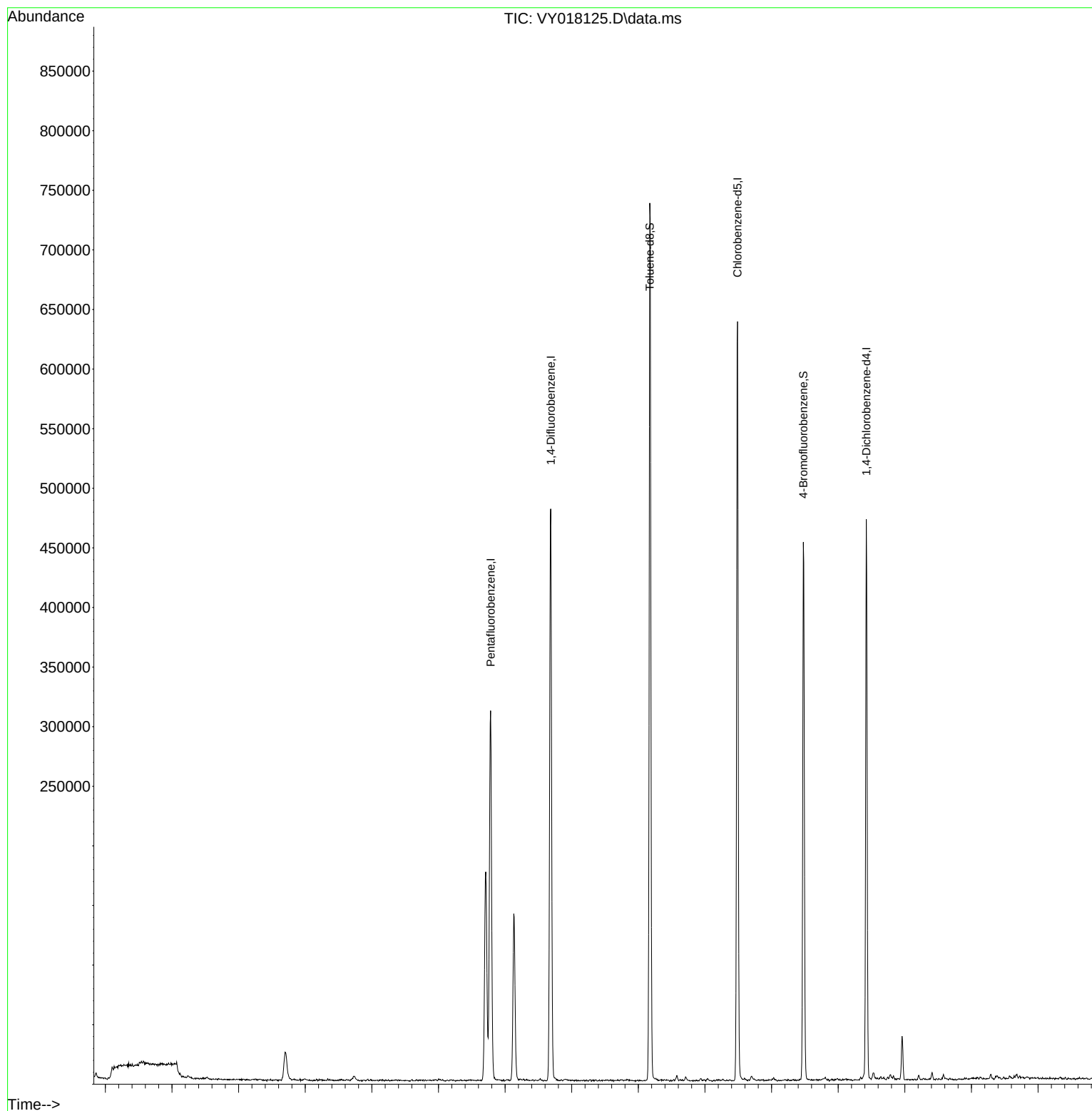
Internal Standards						
1) Pentafluorobenzene	7.783	168	258778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	375651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101022	49.526	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.060%		
35) Dibromofluoromethane	7.703	113	128344	49.013	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.020%		
50) Toluene-d8	10.172	98	497609	48.677	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.360%		
62) 4-Bromofluorobenzene	12.477	95	139669	39.700	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.400%		
Target Compounds						
20) Methylene Chloride	4.710	84	19724	7.244	ug/l	Qvalue 99

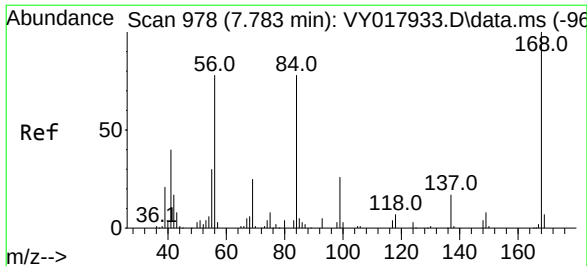
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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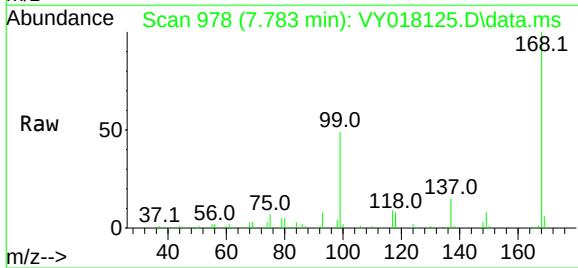
Quant Time: May 02 23:08:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
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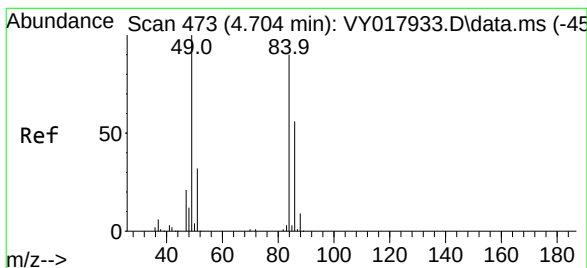
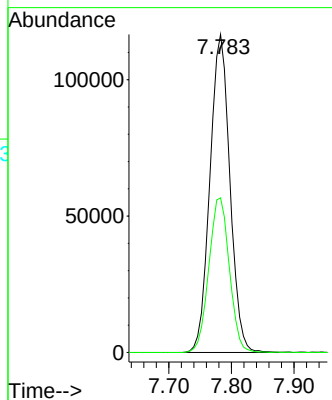
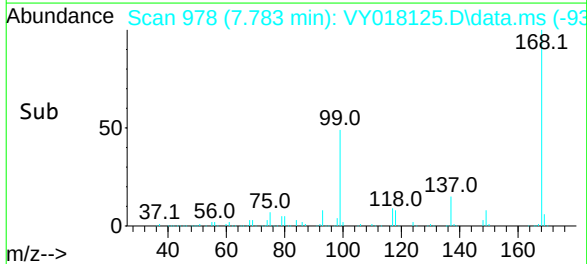


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

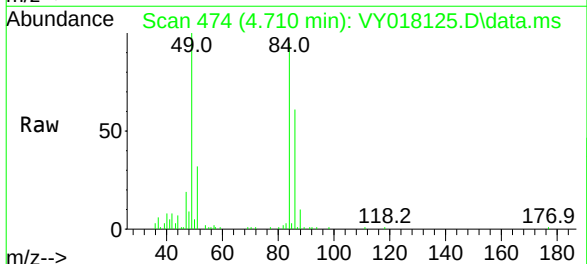
Instrument :
MSVOA_Y
ClientSampleId :
G-2(0.5-1.5)



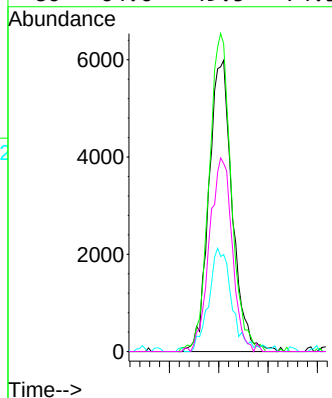
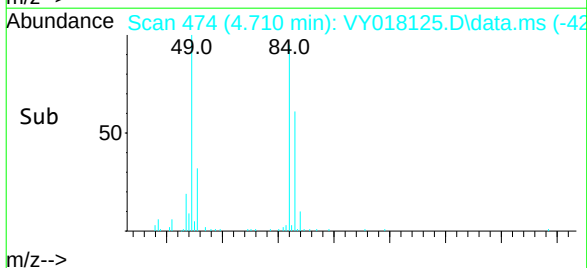
Tgt Ion:168 Resp: 258778
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7

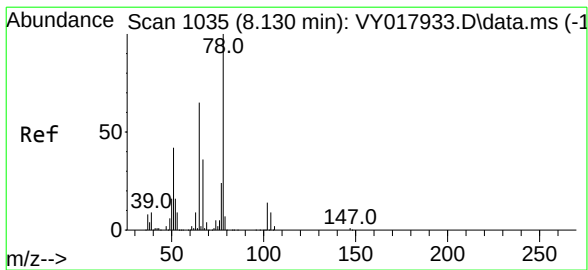


#20
Methylene Chloride
Concen: 7.244 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28



Tgt Ion: 84 Resp: 19724
Ion Ratio Lower Upper
84 100
49 105.7 84.4 126.6
51 33.3 26.0 39.0
86 64.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.526 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018125.D

Acq: 02 May 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

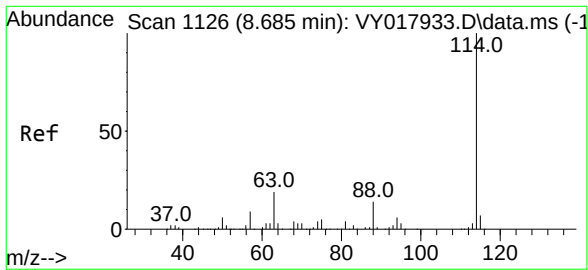
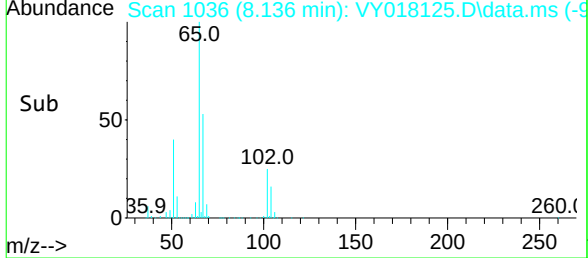
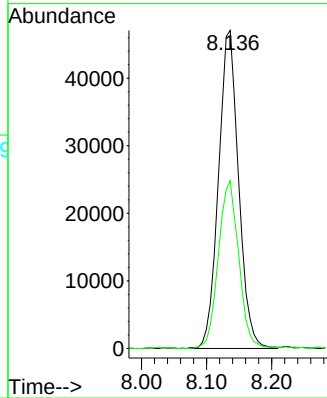
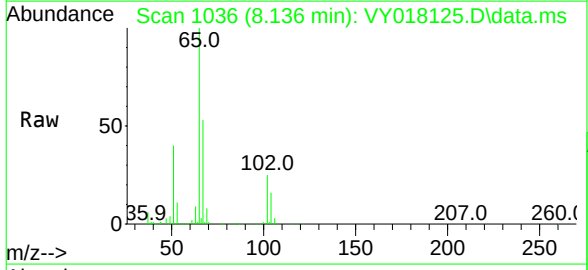
G-2(0.5-1.5)

Tgt Ion: 65 Resp: 101022

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: VY018125.D

Acq: 02 May 2024 18:28

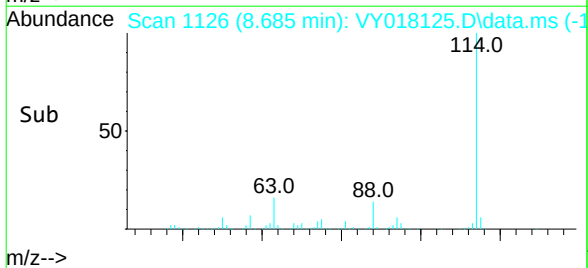
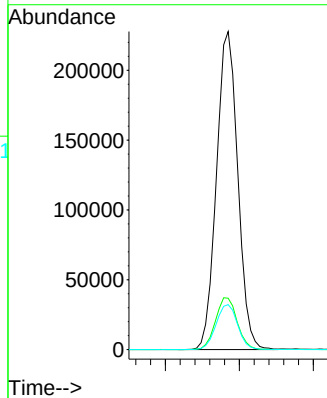
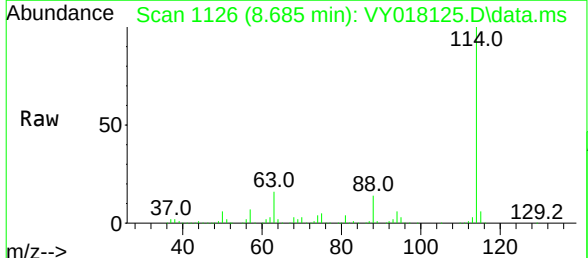
Tgt Ion: 114 Resp: 455667

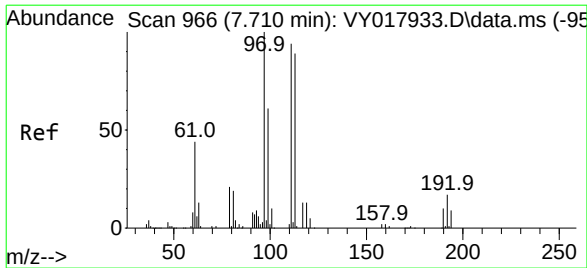
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 14.1 0.0 27.2

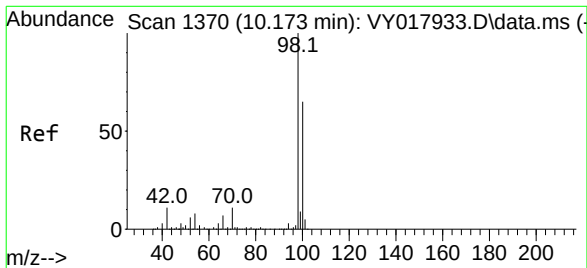
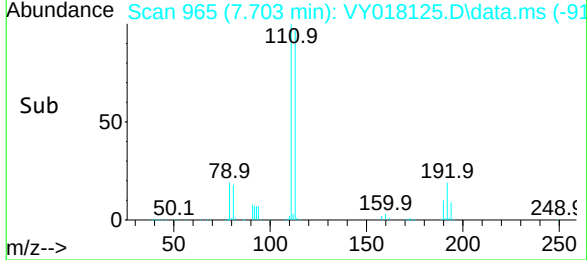
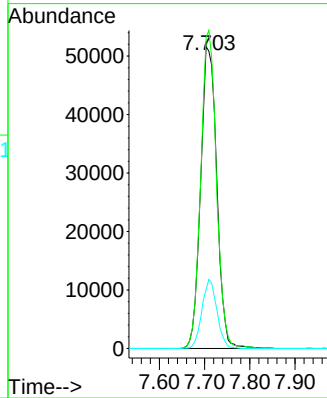
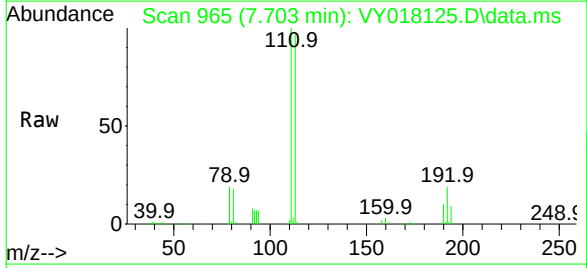




#35
Dibromofluoromethane
Concen: 49.013 ug/l
RT: 7.703 min Scan# 96
Delta R.T. -0.019 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

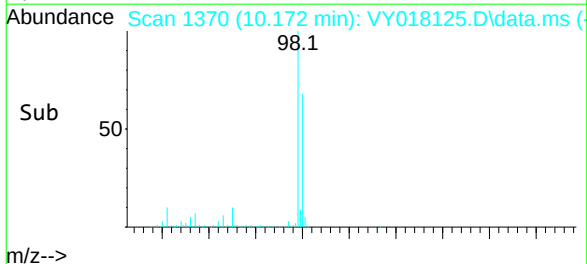
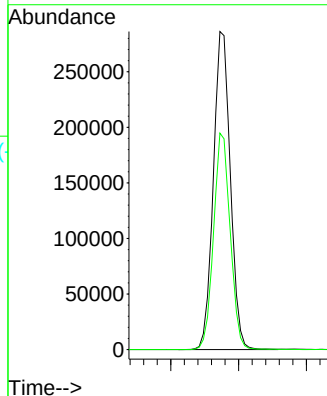
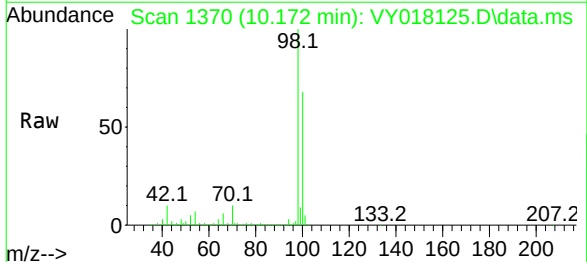
Instrument :
MSVOA_Y
ClientSampleId :
G-2(0.5-1.5)

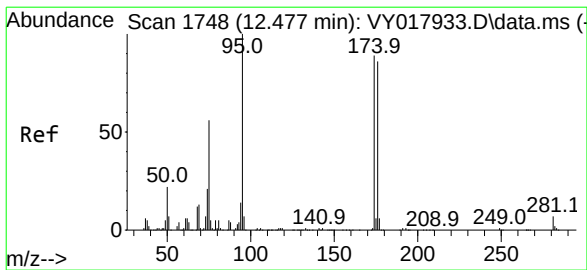
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	21.2	15.9	23.9



#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY018125.D
Acq: 02 May 2024 18:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 39.700 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018125.D

Acq: 02 May 2024 18:28

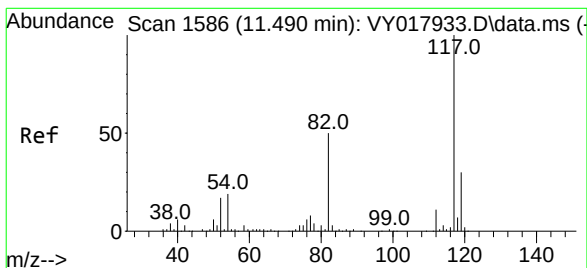
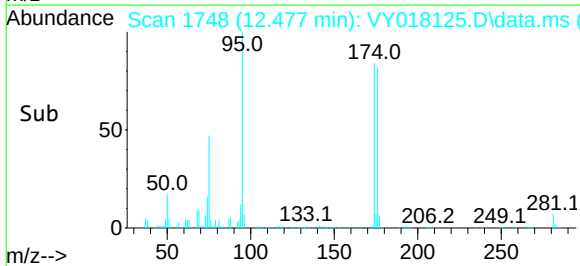
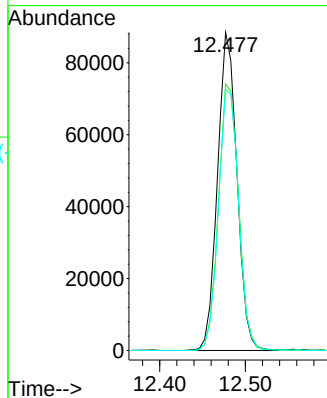
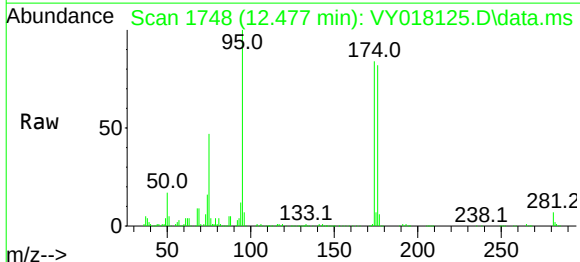
Instrument :

MSVOA_Y

ClientSampleId :

G-2(0.5-1.5)

Tgt Ion:	95	Resp:	139669
Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	175.6
176	85.1	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

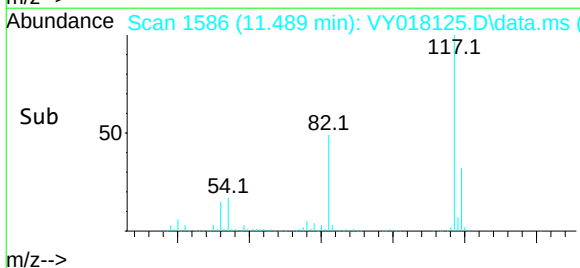
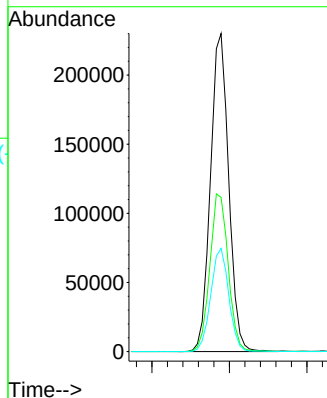
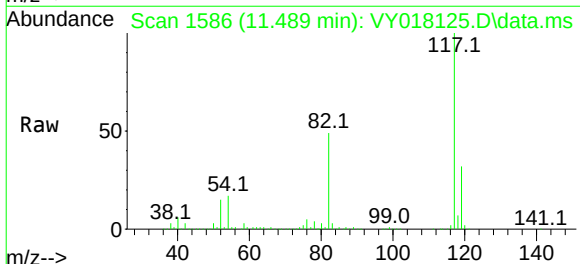
RT: 11.489 min Scan# 1586

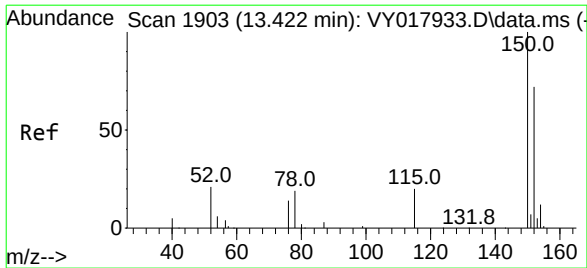
Delta R.T. 0.000 min

Lab File: VY018125.D

Acq: 02 May 2024 18:28

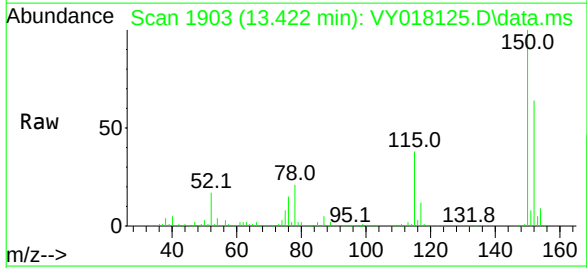
Tgt Ion:	117	Resp:	375651
Ion	Ratio	Lower	Upper
117	100		
82	48.5	42.4	63.6
119	32.5	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY018125.D
 Acq: 02 May 2024 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-2(0.5-1.5)



Tgt Ion:	152	Resp:	127537
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	155.4	0.0	345.6

