

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019074.D
 Acq On : 10 May 2018 14:16
 Operator : SY/MD
 Sample : J2671-01
 Misc : 6.13g/5mL/MSVOA T/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 AU-02-050718-A

Quant Time: May 10 15:30:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

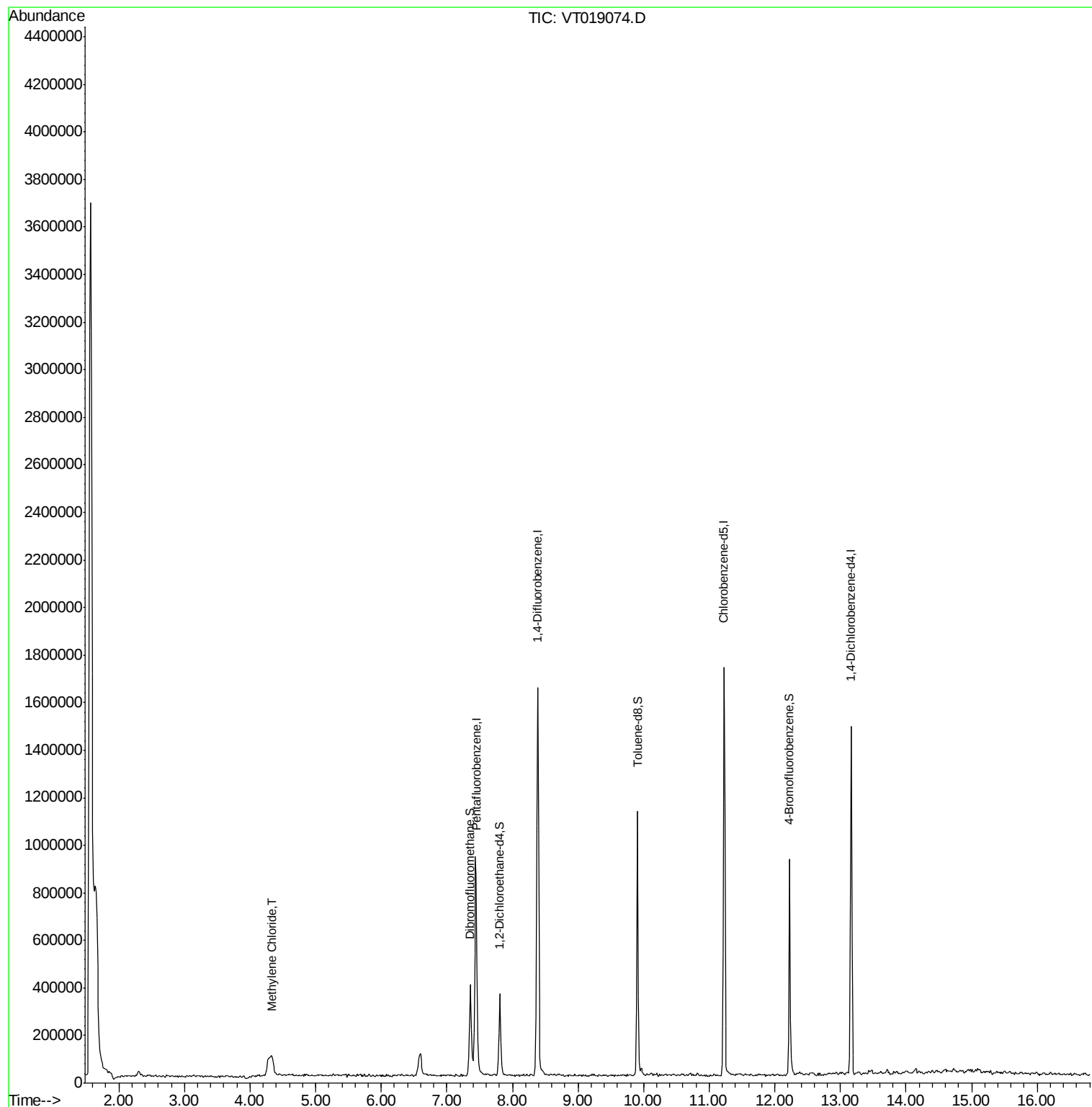
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	660230	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1248361	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	830295	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	295684	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	293312	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
34) Dibromofluoromethane	7.35	113	301158	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	
49) Toluene-d8	9.91	98	769934	25.67	ug/l	0.01
Spiked Amount 50.000			Recovery	=	51.34%	
61) 4-Bromofluorobenzene	12.22	95	345597	30.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.22%	
Target Compounds						
20) Methylene Chloride	4.32	84	120081	16.76	ug/l	Qvalue # 92

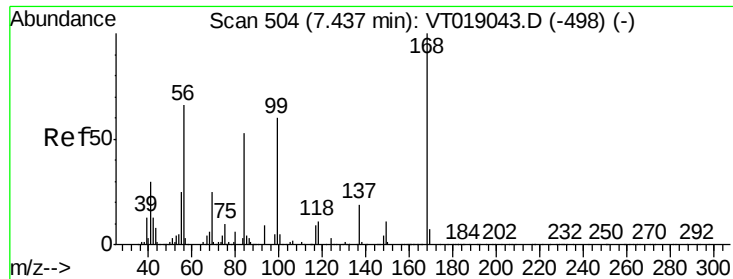
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.01 min

Lab File: VT019074.D

Acq: 10 May 2018 14:16

Instrument :

MSVOA_T

ClientSampleId :

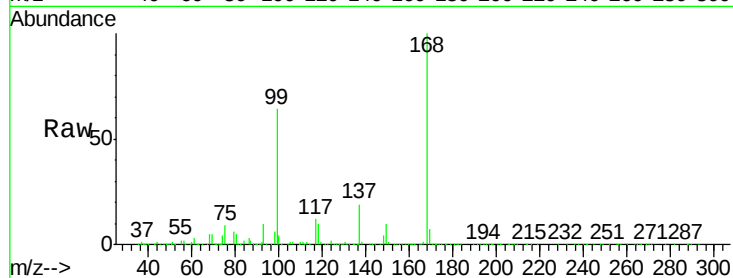
AU-02-050718-A

Tot Ion:168 Resp: 660230

Ion Ratio Lower Upper

168 100

99 64.4 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.45

300000

250000

200000

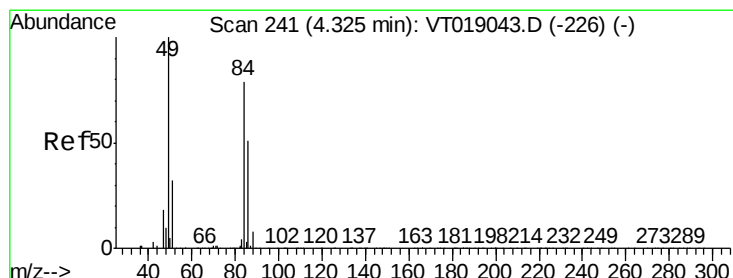
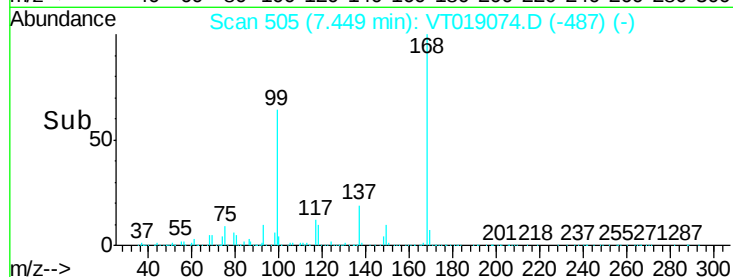
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#20

Methylene Chloride

Concen: 16.76 ug/l

RT: 4.32 min Scan# 241

Delta R.T. -0.00 min

Lab File: VT019074.D

Acq: 10 May 2018 14:16

Tgt Ion: 84 Resp: 120081

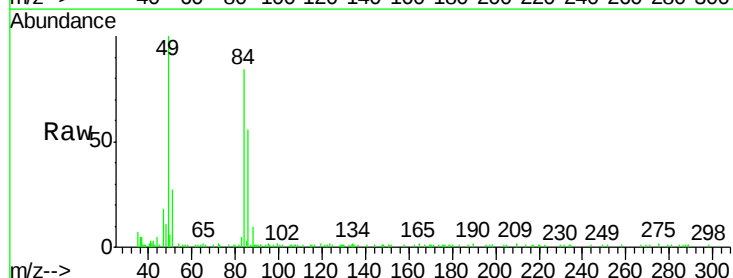
Ion Ratio Lower Upper

84 100

49 118.8 103.0 154.4

51 31.9 33.3 49.9#

86 66.0 51.7 77.5



Abundance Ion 84.00 (83.70 to 84.70): VT0

Ion 49.10 (48.80 to 49.80): VT0

Ion 51.10 (50.80 to 51.80): VT0

Ion 86.00 (85.70 to 86.70): VT0

40000

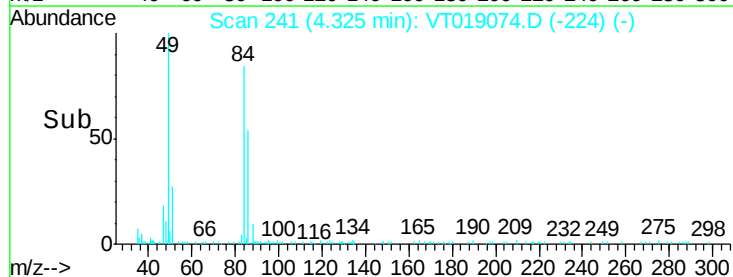
30000

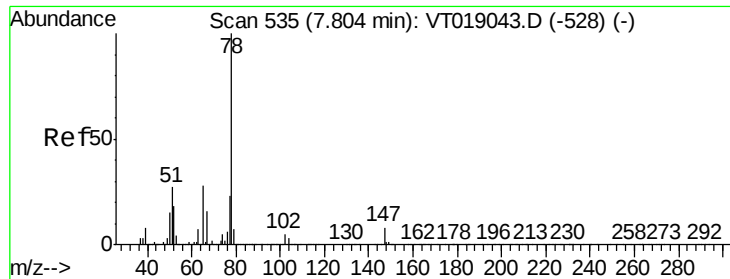
20000

10000

0

Time--> 4.20 4.40





#32

1,2-Dichloroethane-d4

Concen: 46.80 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019074.D

Acq: 10 May 2018 14:16

Instrument :

MSVOA_T

ClientSampleId :

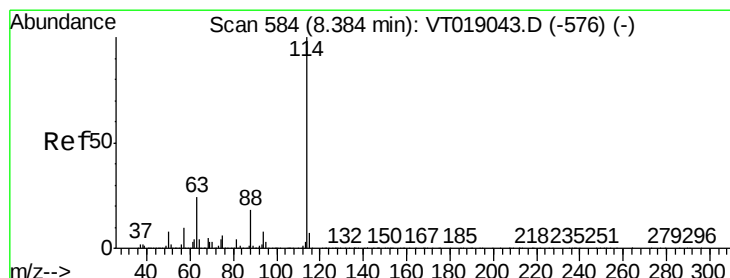
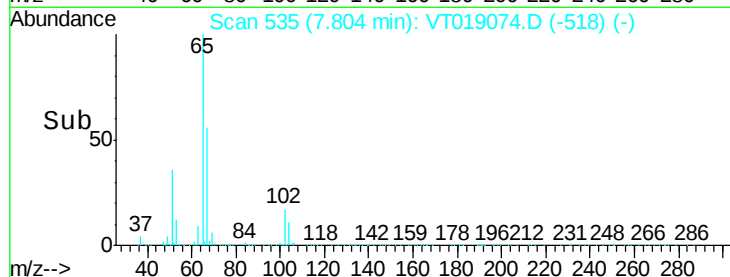
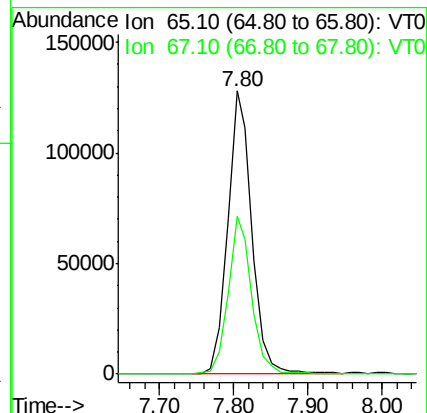
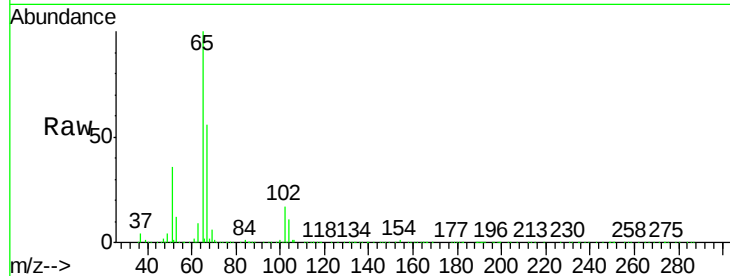
AU-02-050718-A

Tot Ion: 65 Resp: 293312

Ion Ratio Lower Upper

65 100

67 55.7 0.0 114.2



#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.38 min Scan# 584

Delta R.T. -0.00 min

Lab File: VT019074.D

Acq: 10 May 2018 14:16

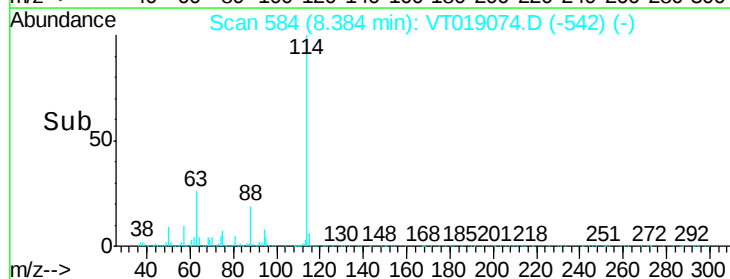
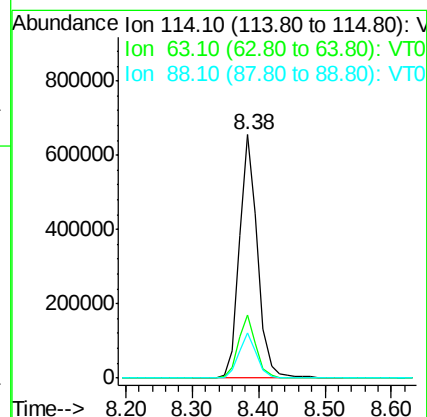
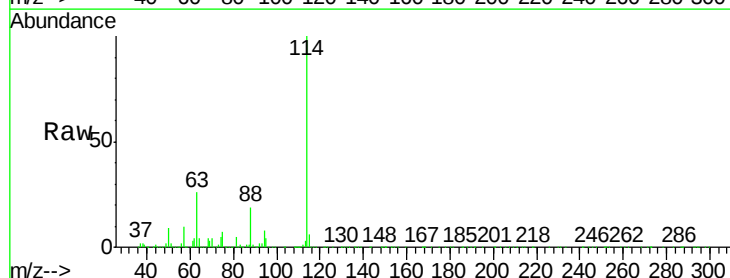
Tgt Ion: 114 Resp: 1248361

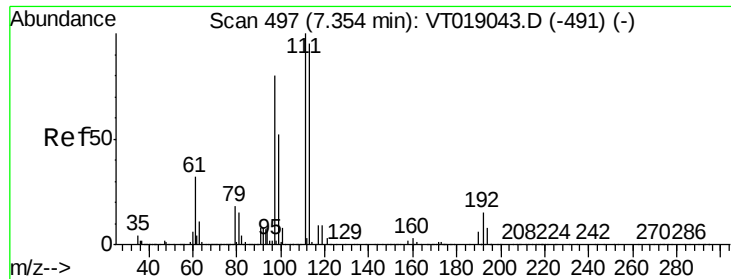
Ion Ratio Lower Upper

114 100

63 25.8 0.0 48.8

88 18.6 0.0 37.0

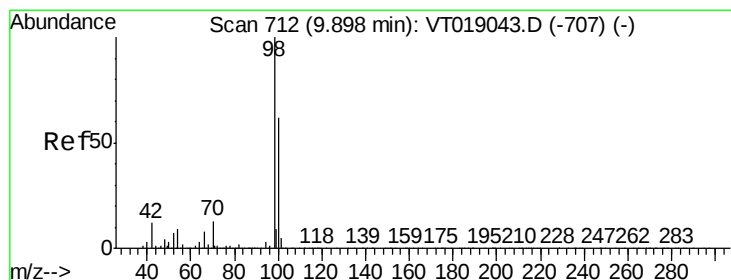
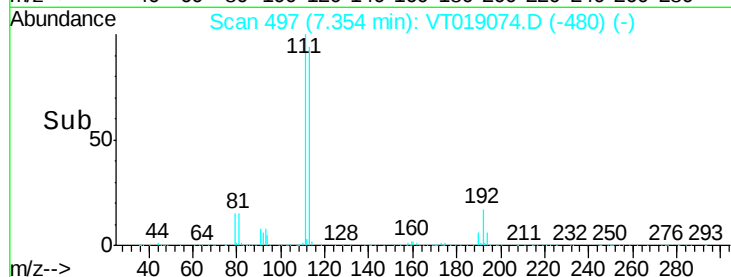
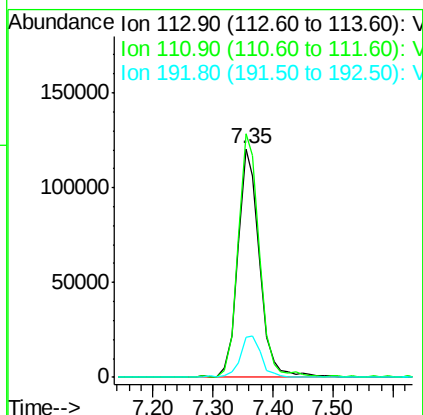
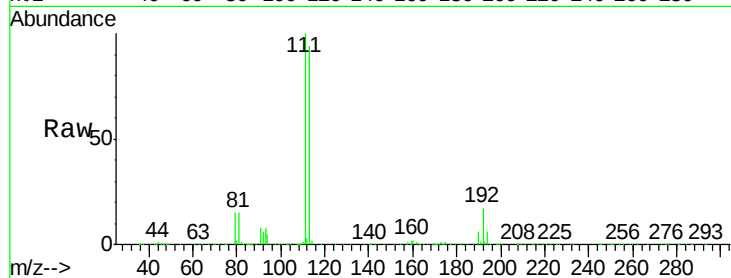




#34
Dibromofluoromethane
Concen: 43.08 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019074.D
Acq: 10 May 2018 14:16

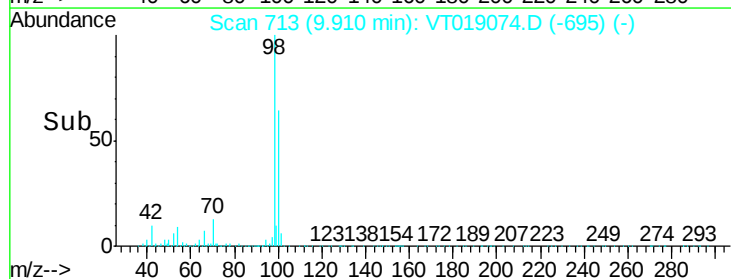
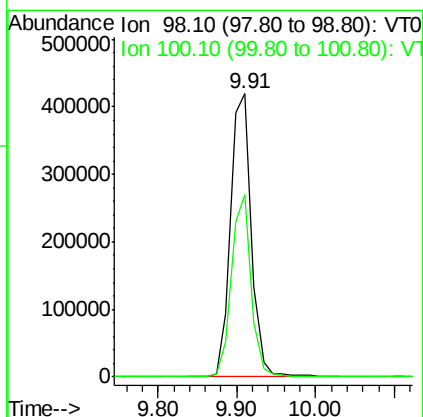
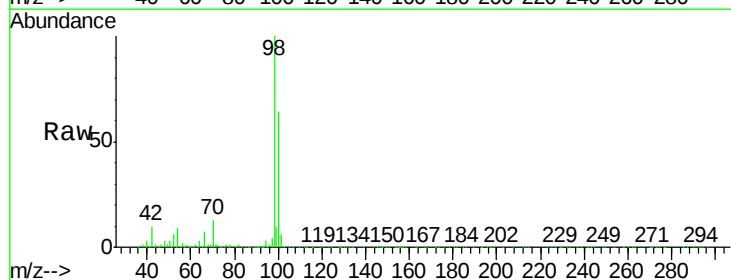
Instrument :
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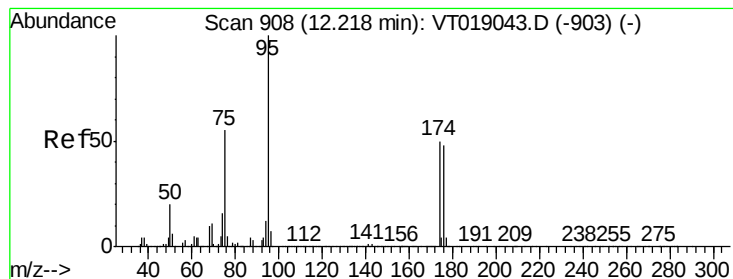
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.5	84.0	126.0
192	17.8	12.9	19.3



#49
Toluene-d8
Concen: 25.67 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.01 min
Lab File: VT019074.D
Acq: 10 May 2018 14:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.0	75.0





#61

4-Bromofluorobenzene

Concen: 30.61 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019074.D

Acq: 10 May 2018 14:16

Instrument :

MSVOA_T

ClientSampleId :

AU-02-050718-A

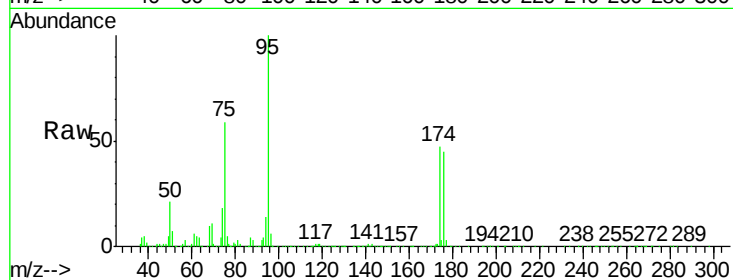
Tot Ion: 95 Resp: 345597

Ion Ratio Lower Upper

95 100

174 46.9 0.0 100.0

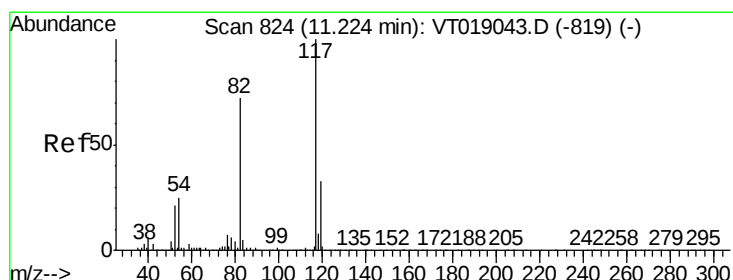
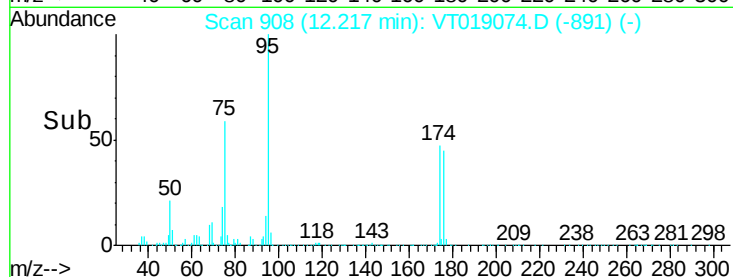
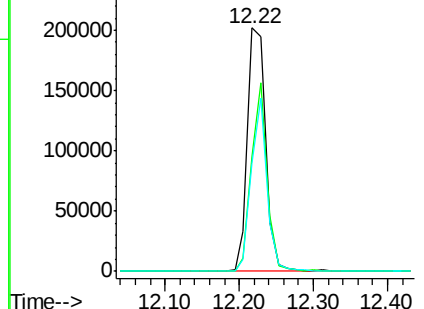
176 44.6 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT0

Ion 174.00 (173.70 to 174.70): VT0

Ion 176.00 (175.70 to 176.70): VT0



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019074.D

Acq: 10 May 2018 14:16

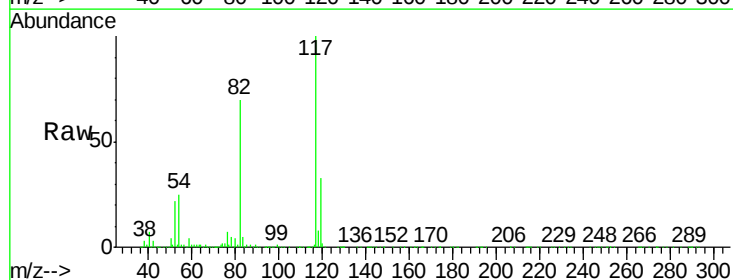
Tgt Ion: 117 Resp: 830295

Ion Ratio Lower Upper

117 100

82 70.1 57.6 86.4

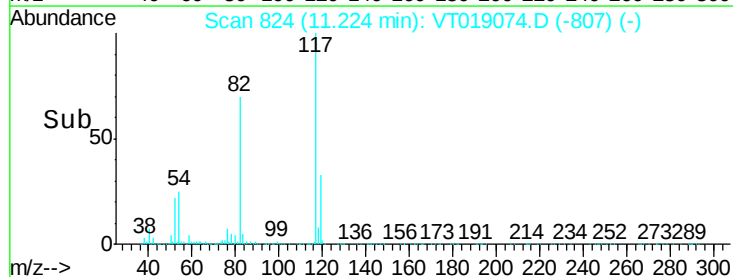
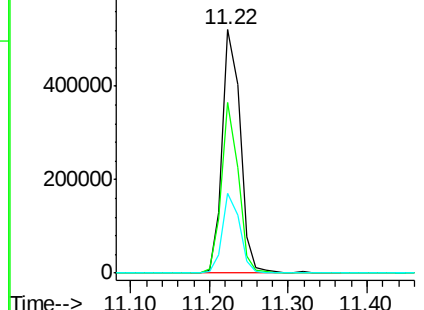
119 32.6 26.6 40.0

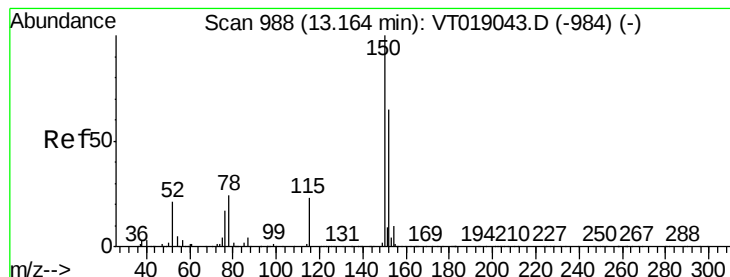


Abundance Ion 117.10 (116.80 to 117.80): VT0

Ion 82.10 (81.80 to 82.80): VT0

Ion 119.10 (118.80 to 119.80): VT0





#71

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.16 min Scan# 988

Delta R.T. -0.00 min

Lab File: VT019074.D

Acq: 10 May 2018 14:16

Instrument :

MSVOA_T

ClientSampleId :

AU-02-050718-A

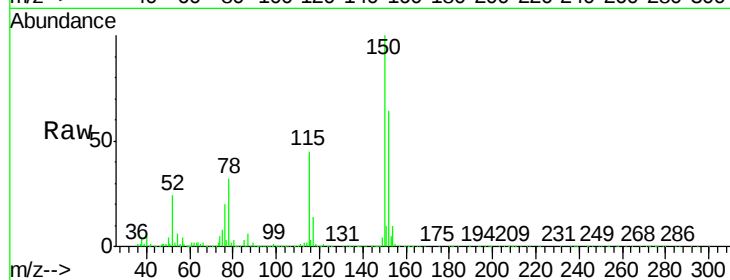
Tot Ion:152 Resp: 295684

Ion Ratio Lower Upper

152 100

115 70.2 34.2 102.6

150 156.7 0.0 321.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

