

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019065.D
 Acq On : 9 May 2018 19:00
 Operator : SY/MD
 Sample : J2805-02
 Misc : 4.81g/5mL/MSVOA T/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 WC-11(10-15)D3

Quant Time: May 09 20:41:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	629820	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1257252	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	977782	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	362723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) 1,2-Dichloroethane-d4	7.80	65	314443	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
34) Dibromofluoromethane	7.35	113	311813	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
49) Toluene-d8	9.91	98	1179874	39.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.12%	
61) 4-Bromofluorobenzene	12.22	95	393662	34.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.24%	

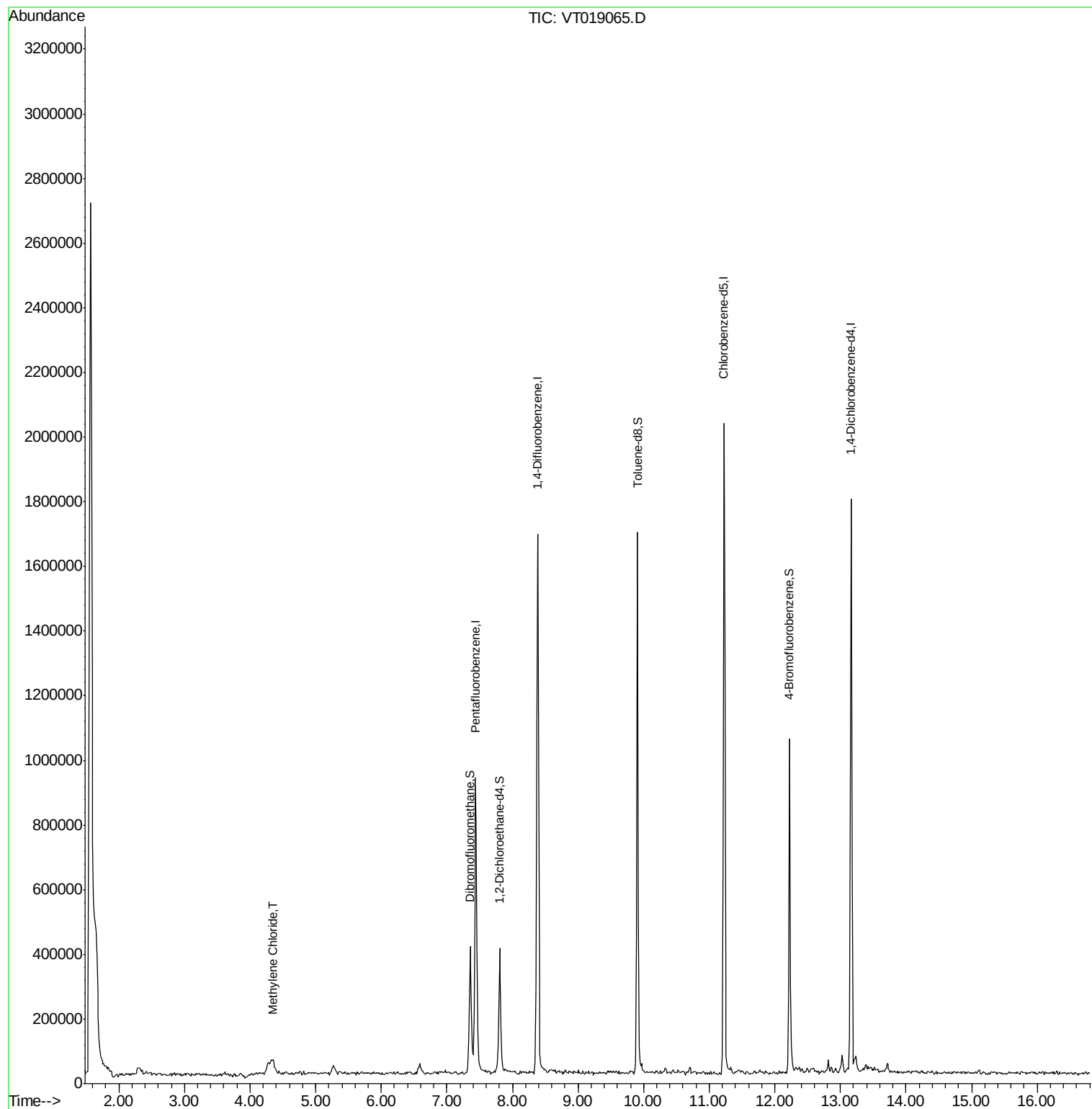
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.35	84	72140m	10.55	ug/l	

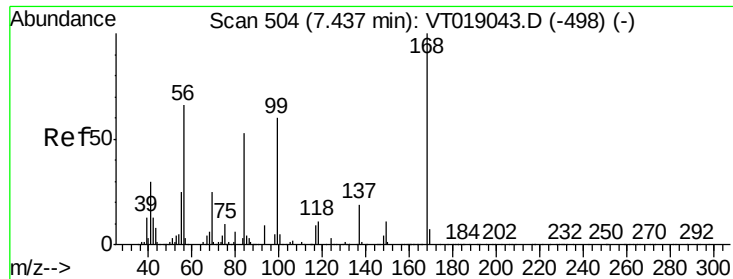
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 09 04:36:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 504

Delta R.T. -0.00 min

Lab File: VT019065.D

Acq: 9 May 2018 19:00

Instrument :

MSVOA_T

ClientSampleId :

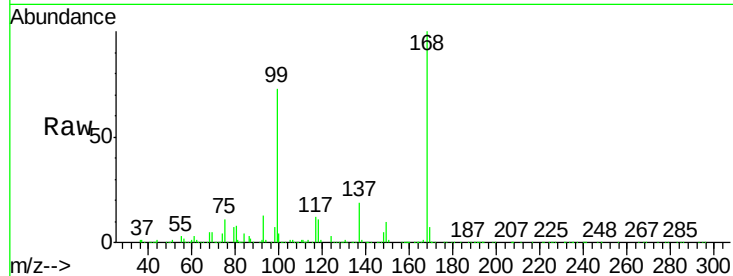
WC-11(10-15)D3

Tot Ion:168 Resp: 629820

Ion Ratio Lower Upper

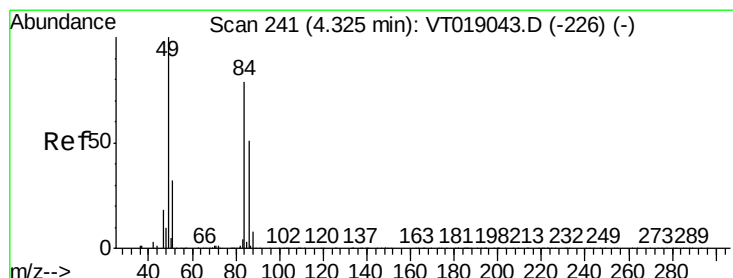
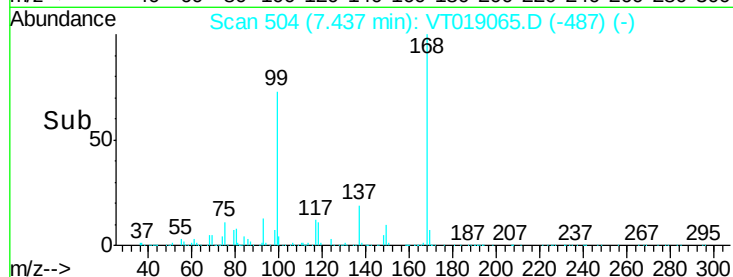
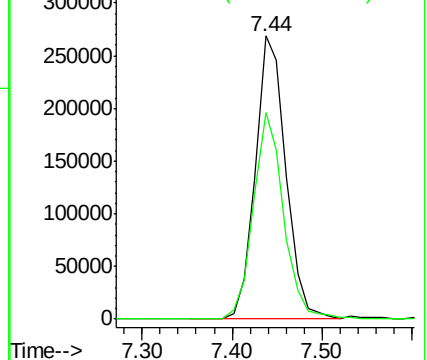
168 100

99 72.8 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0



#20

Methylene Chloride

Concen: 10.55 ug/l m

RT: 4.35 min Scan# 243

Delta R.T. 0.02 min

Lab File: VT019065.D

Acq: 9 May 2018 19:00

Tgt Ion: 84 Resp: 72140

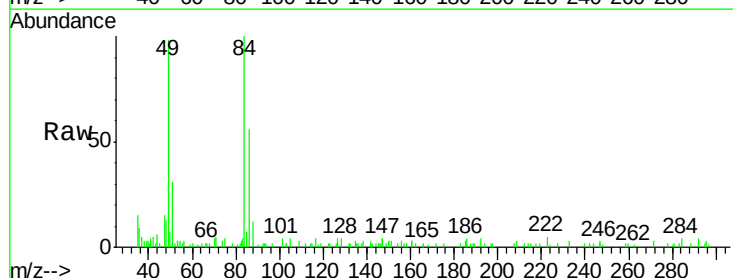
Ion Ratio Lower Upper

84 100

49 98.1 103.0 154.4#

51 31.4 33.3 49.9#

86 55.7 51.7 77.5

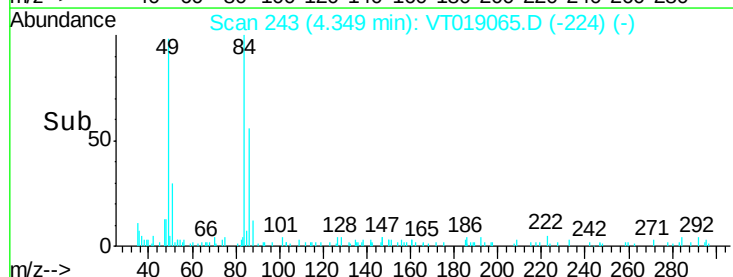
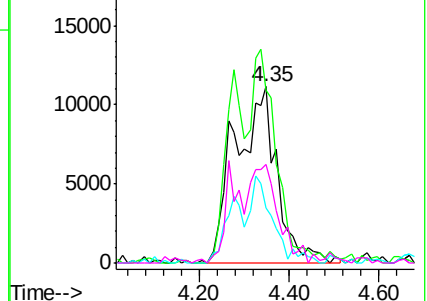


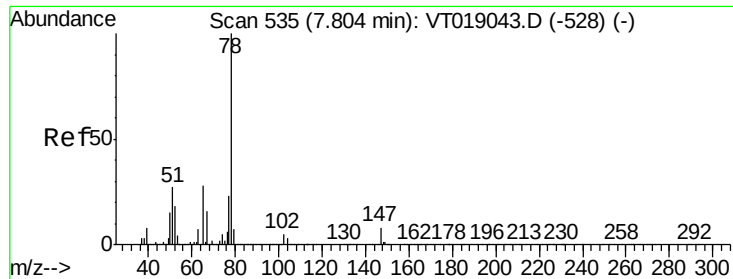
Abundance Ion 84.00 (83.70 to 84.70): VT0

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





#32

1,2-Dichloroethane-d4

Concen: 52.59 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019065.D

Acq: 9 May 2018 19:00

Instrument :

MSVOA_T

ClientSampleId :

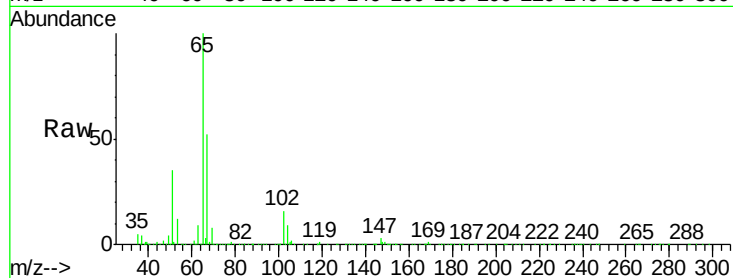
WC-11(10-15)D3

Tot Ion: 65 Resp: 314443

Ion Ratio Lower Upper

65 100

67 52.0 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

7.80

150000

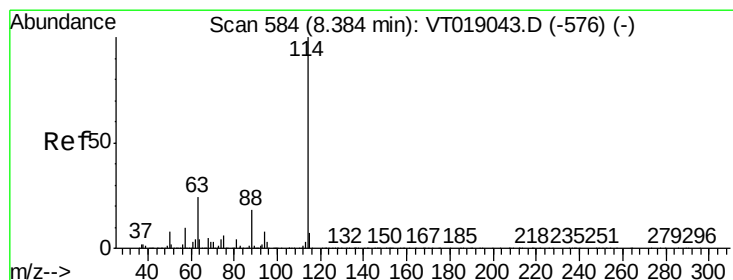
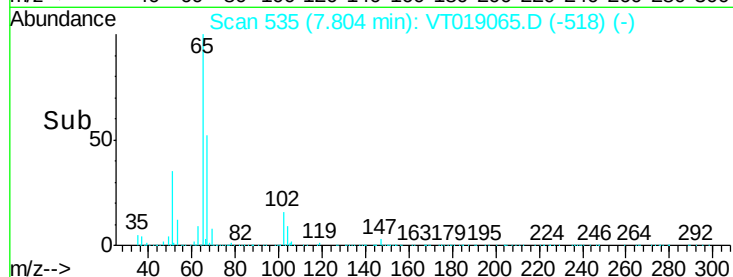
100000

50000

0

7.60 7.80 8.00

Time-->



#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.38 min Scan# 584

Delta R.T. -0.00 min

Lab File: VT019065.D

Acq: 9 May 2018 19:00

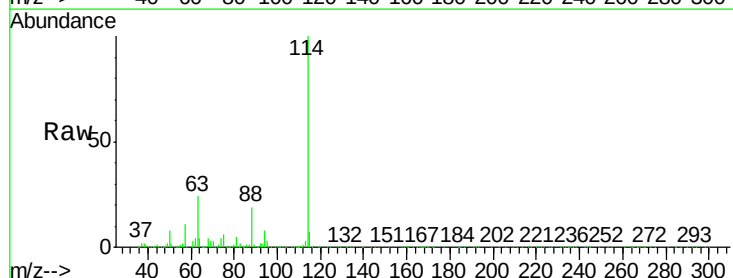
Tgt Ion: 114 Resp: 1257252

Ion Ratio Lower Upper

114 100

63 23.5 0.0 48.8

88 18.5 0.0 37.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VT0

Ion 88.10 (87.80 to 88.80): VT0

8.38

800000

600000

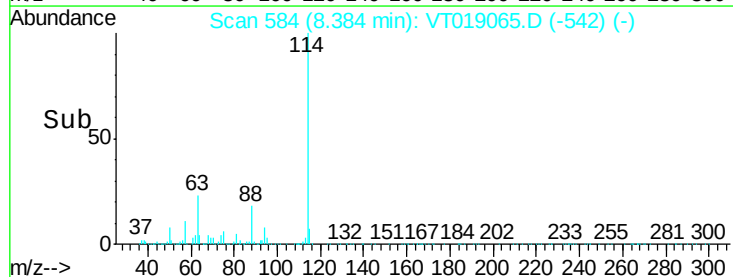
400000

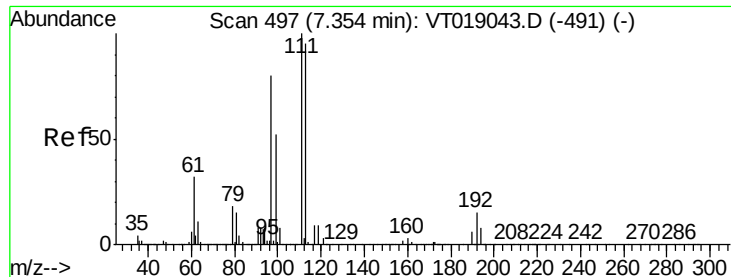
200000

0

8.20 8.30 8.40 8.50 8.60

Time-->

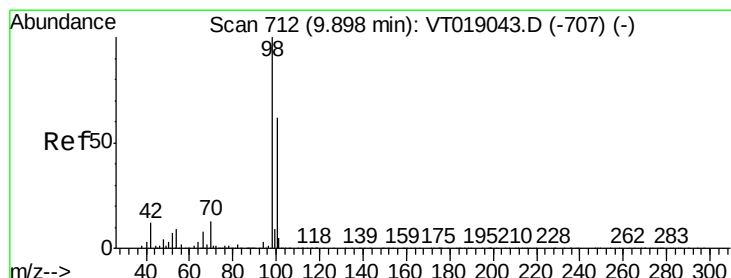
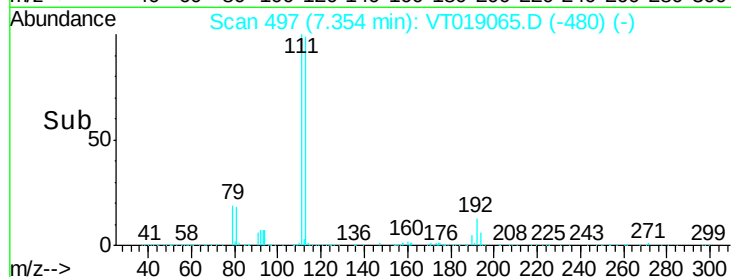
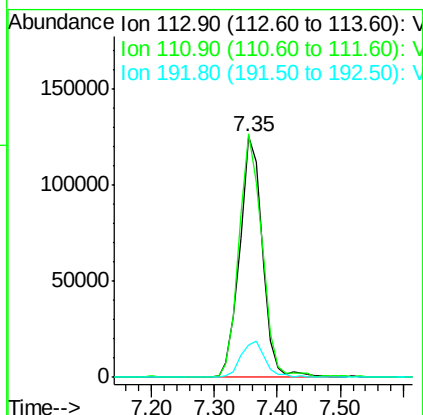
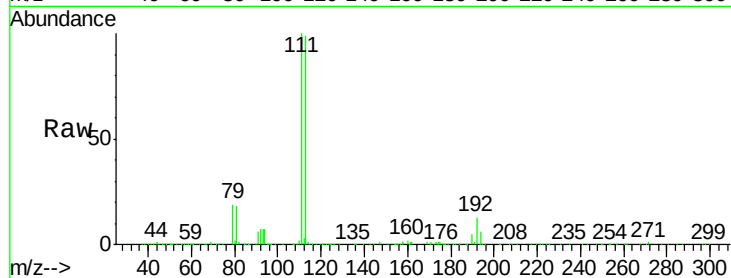




#34
Dibromofluoromethane
Concen: 44.29 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019065.D
Acq: 9 May 2018 19:00

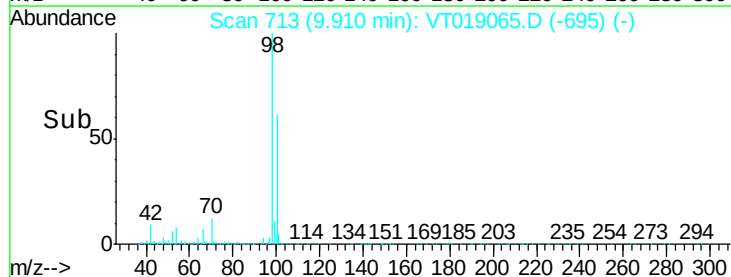
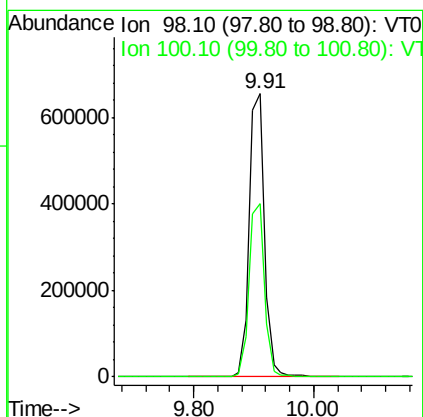
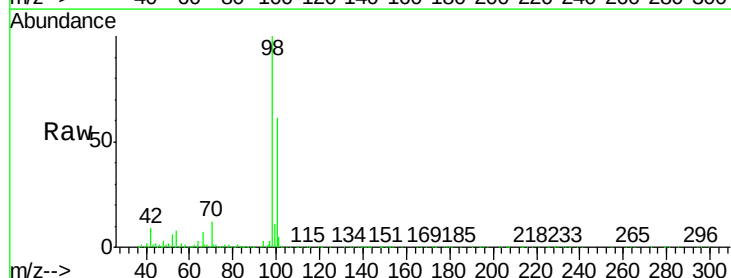
Instrument :
MSVOA_T
ClientSampleId :
WC-11(10-15)D3

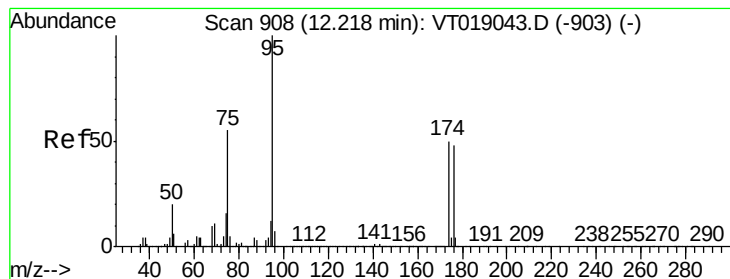
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	84.0	126.0
192	13.5	12.9	19.3



#49
Toluene-d8
Concen: 39.06 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.01 min
Lab File: VT019065.D
Acq: 9 May 2018 19:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.3	50.0	75.0





#61

4-Bromofluorobenzene

Concen: 34.62 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019065.D

Acq: 9 May 2018 19:00

Instrument :
MSVOA_T
ClientSampleId :
WC-11(10-15)D3

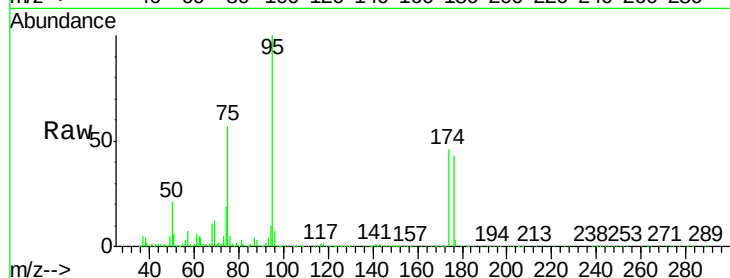
Tot Ion: 95 Resp: 393662

Ion	Ratio	Lower	Upper
95	100		
174	46.4	0.0	100.0
176	43.1	0.0	96.6

95 100

174 46.4 0.0 100.0

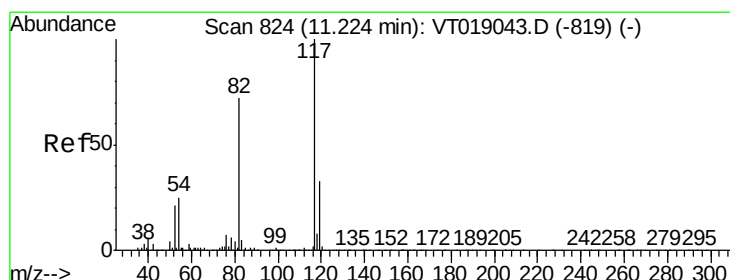
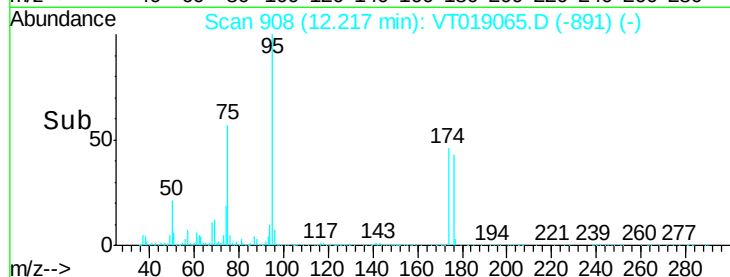
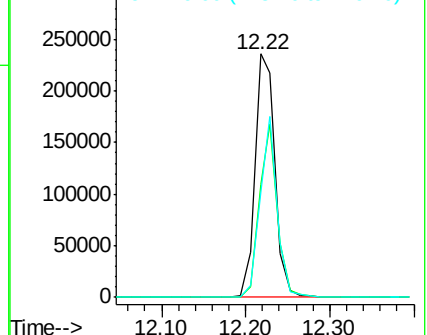
176 43.1 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT019043.D (-903) (-)

Ion 174.00 (173.70 to 174.70): VT019043.D (-903) (-)

Ion 176.00 (175.70 to 176.70): VT019043.D (-903) (-)



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019065.D

Acq: 9 May 2018 19:00

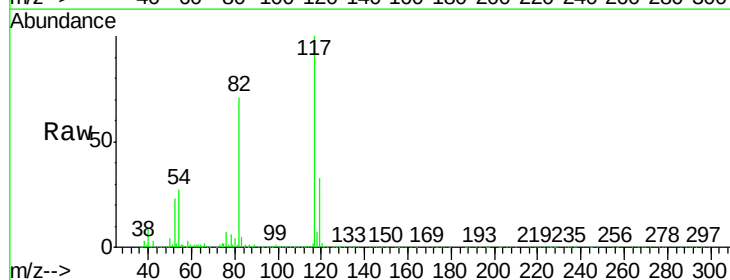
Tgt Ion: 117 Resp: 977782

Ion	Ratio	Lower	Upper
117	100		
82	70.8	57.6	86.4
119	32.9	26.6	40.0

117 100

82 70.8 57.6 86.4

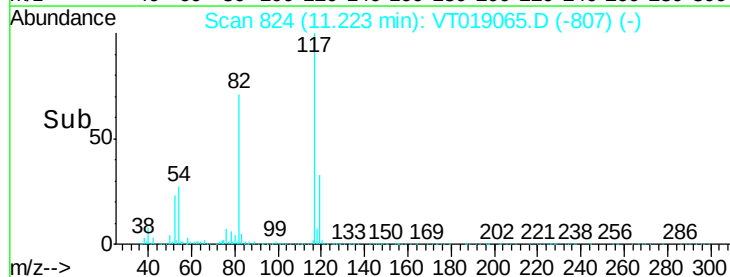
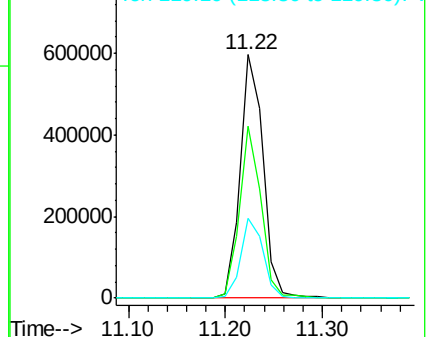
119 32.9 26.6 40.0

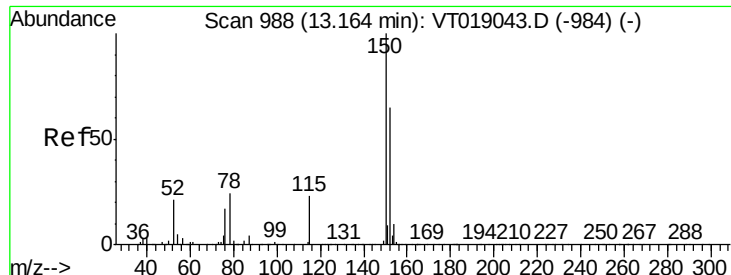


Abundance Ion 117.10 (116.80 to 117.80): VT019043.D (-819) (-)

Ion 82.10 (81.80 to 82.80): VT019043.D (-819) (-)

Ion 119.10 (118.80 to 119.80): VT019043.D (-819) (-)

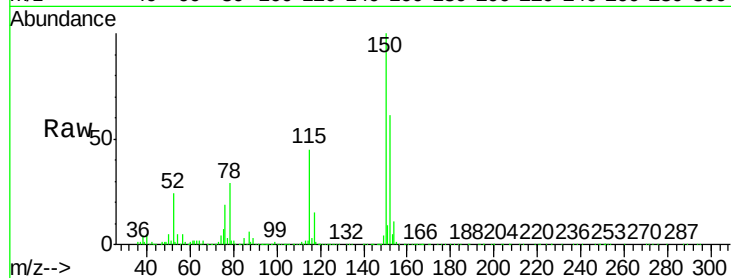




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.16 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: VT019065.D
 Acq: 9 May 2018 19:00

Instrument :
 MSVOA_T
 ClientSampleId :
 WC-11(10-15)D3

Tot Ion	Ratio	Lower	Upper
152	100		
115	73.9	34.2	102.6
150	163.4	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

