

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019075.D
 Acq On : 10 May 2018 14:46
 Operator : SY/MD
 Sample : J2671-03
 Misc : 6.30g/5mL/MSVOA T/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 10 16:43:21 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	604298	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1170478	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	729365	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	259472	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	278912	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
34) Dibromofluoromethane	7.35	113	290382	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
49) Toluene-d8	9.91	98	721932	25.67	ug/l	0.01
Spiked Amount			Recovery	=	51.34%	
61) 4-Bromofluorobenzene	12.23	95	314401	29.70	ug/l	0.01
Spiked Amount			Recovery	=	59.40%	

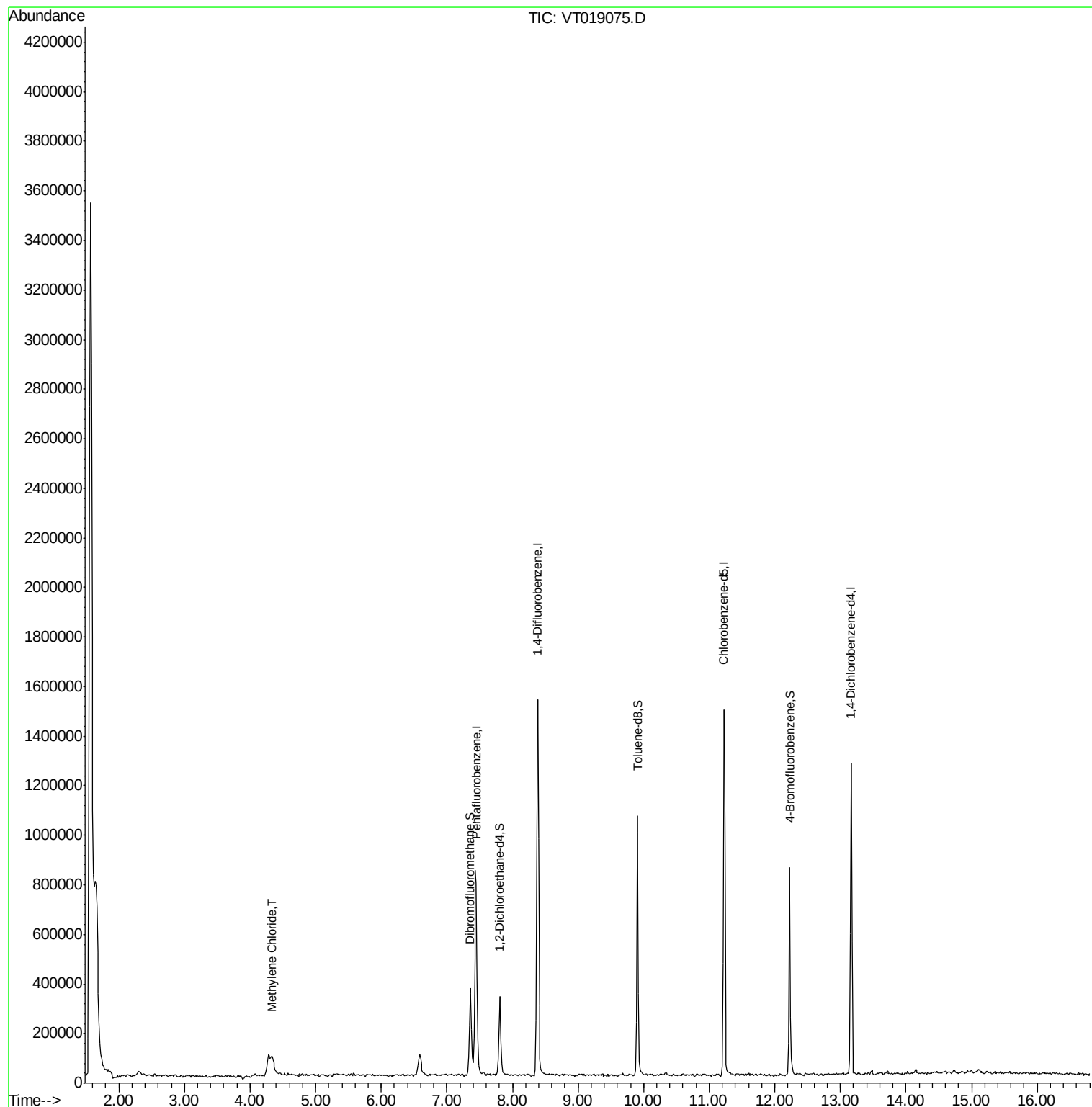
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.34	84	135820m	20.71	ug/l	

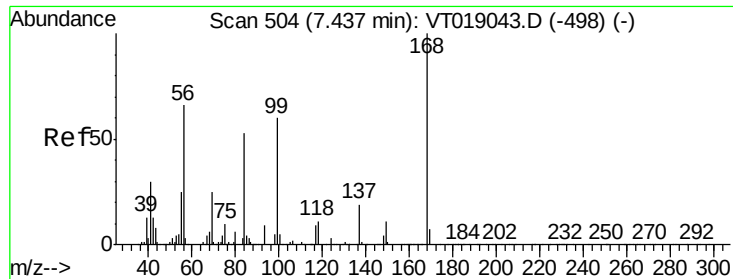
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VT019075.D

Acq: 10 May 2018 14:46

Instrument :

MSVOA_T

ClientSampleId :

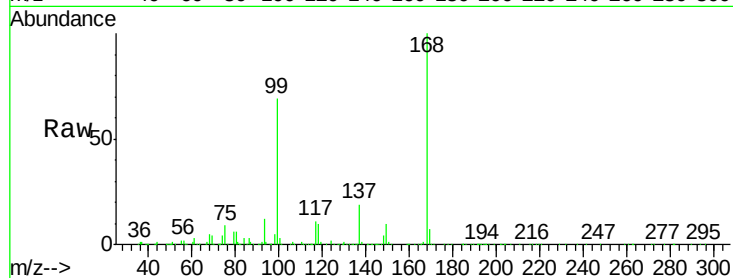
AU-02-050718-B

Tot Ion:168 Resp: 604298

Ion Ratio Lower Upper

168 100

99 69.1 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

250000

200000

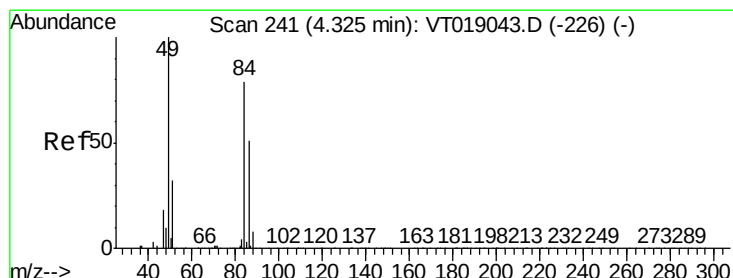
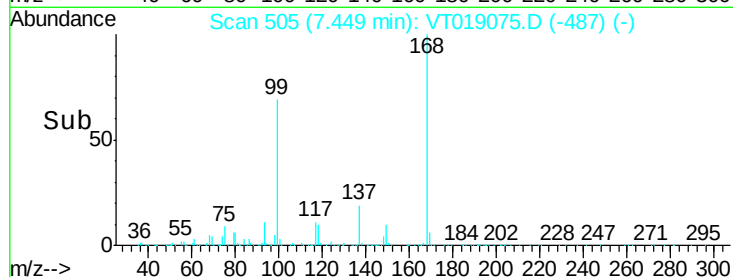
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 20.71 ug/l m

RT: 4.34 min Scan# 242

Delta R.T. 0.01 min

Lab File: VT019075.D

Acq: 10 May 2018 14:46

Tgt Ion: 84 Resp: 135820

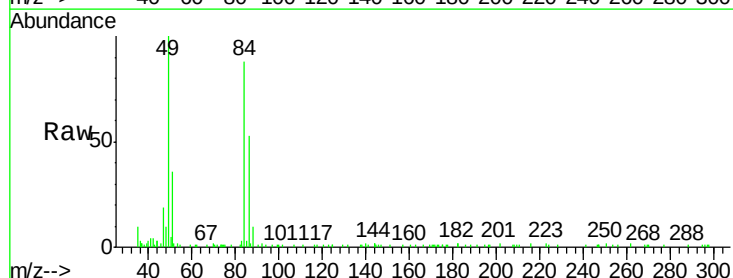
Ion Ratio Lower Upper

84 100

49 114.3 103.0 154.4

51 40.9 33.3 49.9

86 60.5 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

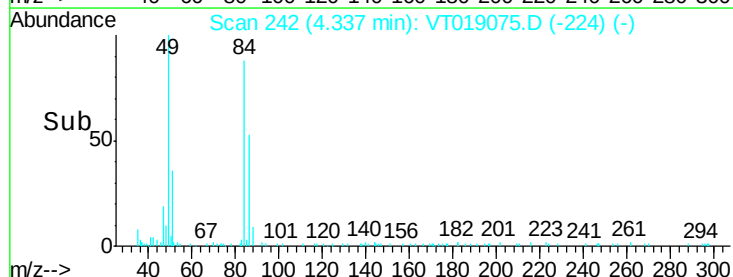
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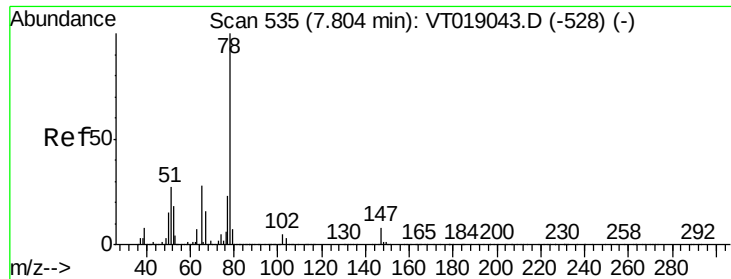
20000

10000

0

Time-->





#32

1,2-Dichloroethane-d4

Concen: 48.62 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019075.D

Acq: 10 May 2018 14:46

Instrument :

MSVOA_T

ClientSampleId :

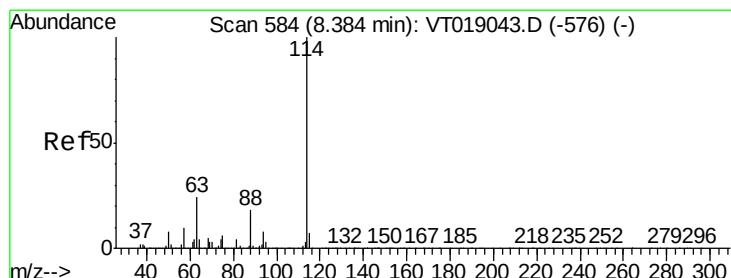
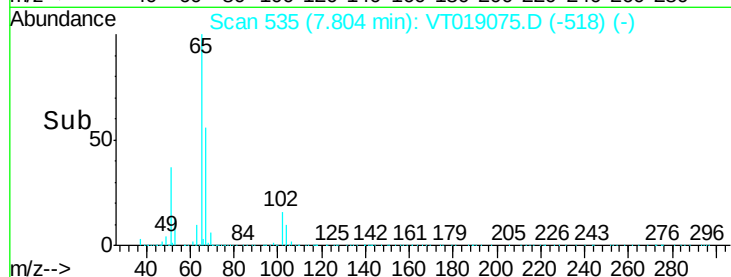
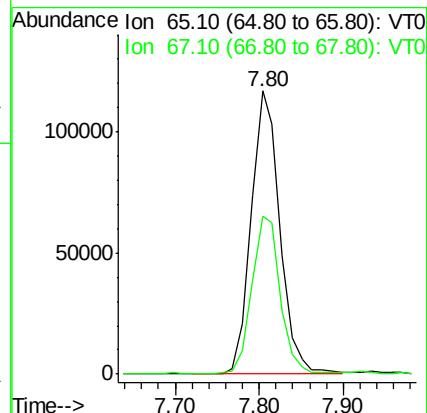
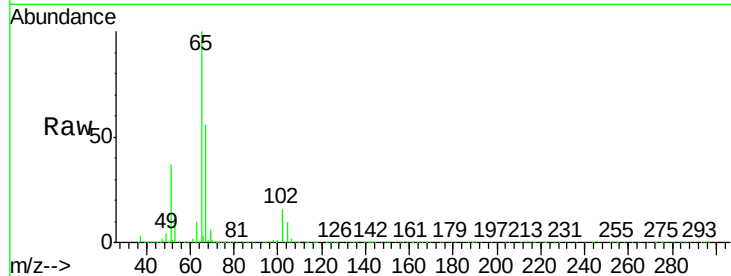
AU-02-050718-B

Tot Ion: 65 Resp: 278912

Ion Ratio Lower Upper

65 100

67 56.0 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: VT019075.D

Acq: 10 May 2018 14:46

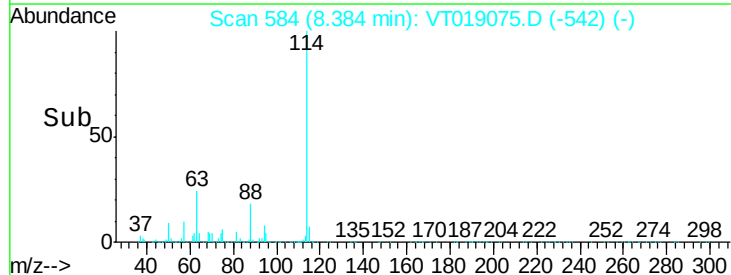
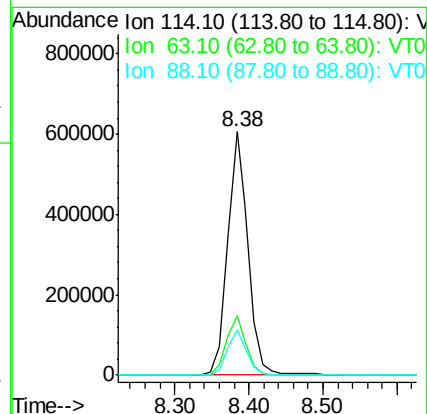
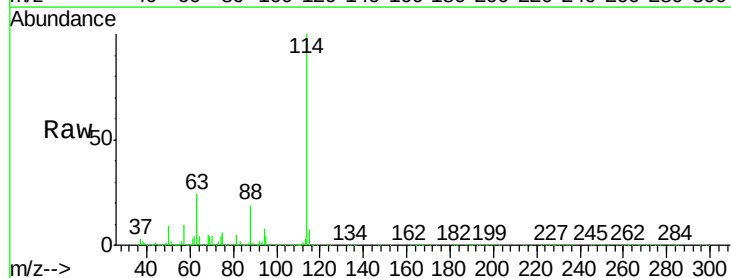
Tgt Ion: 114 Resp: 1170478

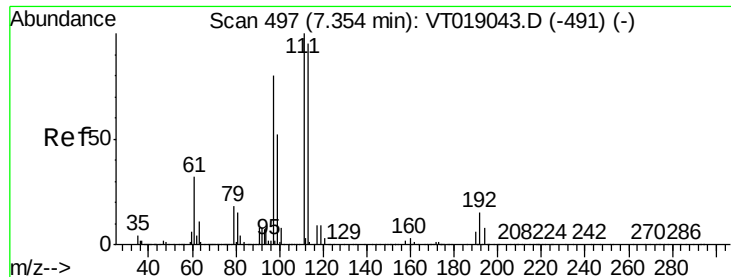
Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.8

88 18.5 0.0 37.0

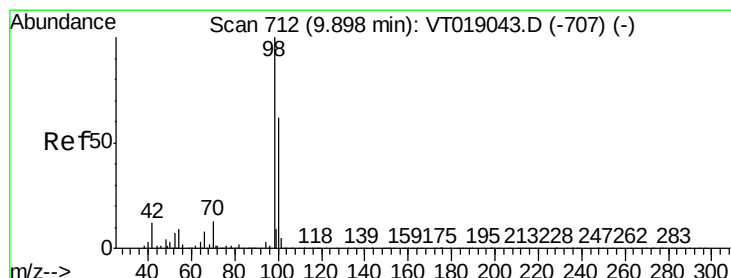
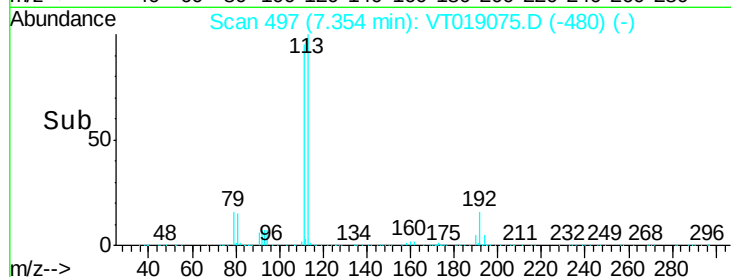
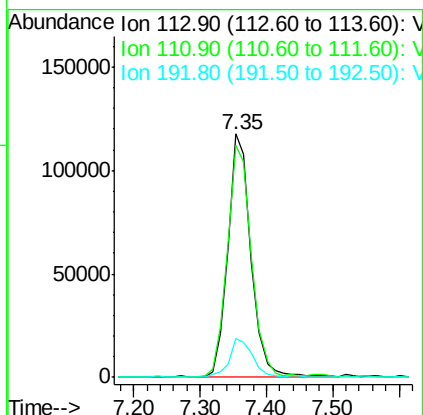
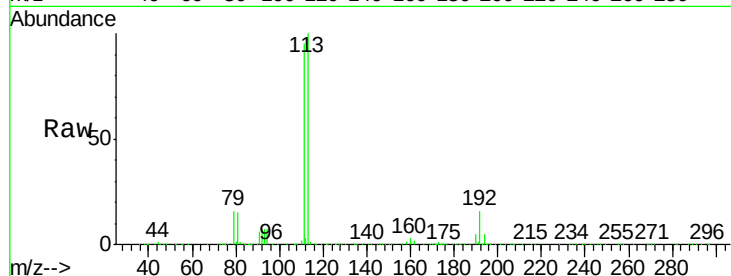




#34
Dibromofluoromethane
Concen: 44.30 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019075.D
Acq: 10 May 2018 14:46

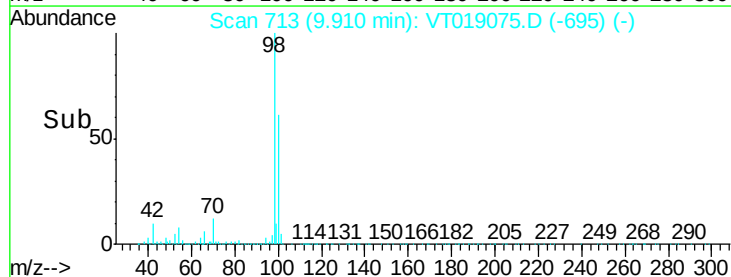
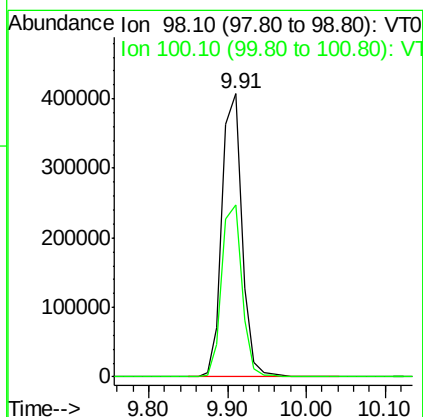
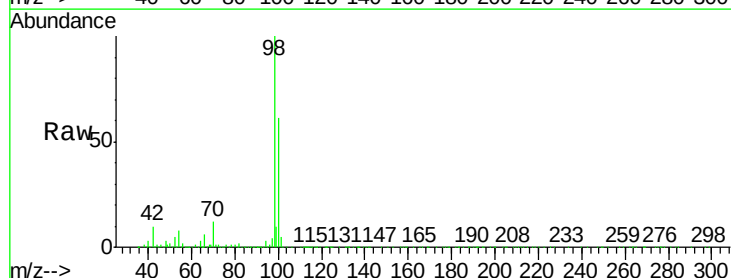
Instrument :
MSVOA_T
ClientSampleId :
AU-02-050718-B

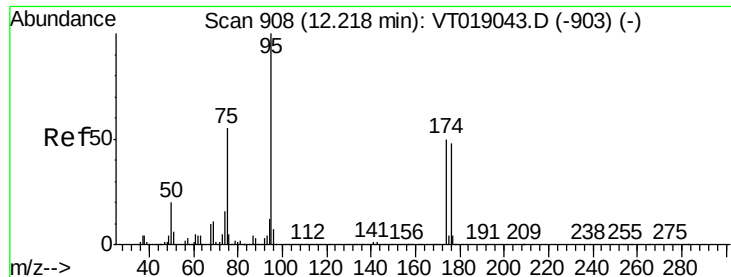
Tot Ion	Ratio	Lower	Upper
113	100		
111	95.4	84.0	126.0
192	16.0	12.9	19.3



#49
Toluene-d8
Concen: 25.67 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.01 min
Lab File: VT019075.D
Acq: 10 May 2018 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	60.9	50.0	75.0





#61

4-Bromofluorobenzene

Concen: 29.70 ug/l

RT: 12.23 min Scan# 909

Delta R.T. 0.01 min

Lab File: VT019075.D

Acq: 10 May 2018 14:46

Instrument :

MSVOA_T

ClientSampleId :

AU-02-050718-B

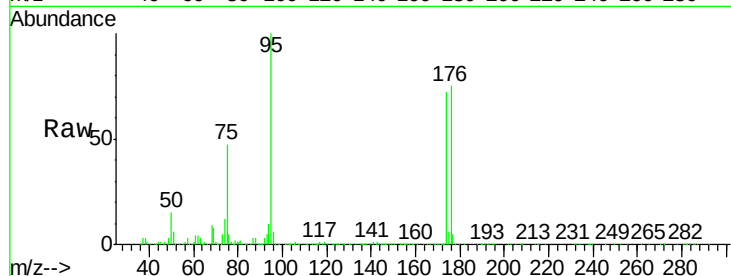
Tot Ion: 95 Resp: 314401

Ion Ratio Lower Upper

95 100

174 72.2 0.0 100.0

176 75.4 0.0 96.6

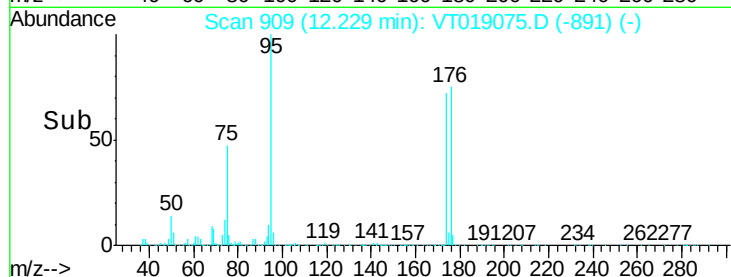


Abundance Ion 95.10 (94.80 to 95.80): VT019043.D (-903) (-)

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

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

Time-->

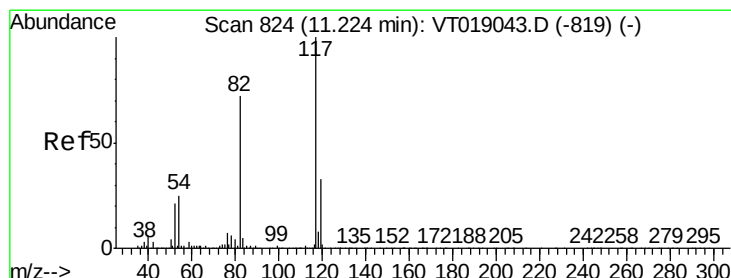


Abundance Ion 95.10 (94.80 to 95.80): VT019075.D (-891) (-)

Ion 174.00 (173.70 to 174.70): VT019075.D (-891) (-)

Ion 176.00 (175.70 to 176.70): VT019075.D (-891) (-)

Time-->



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019075.D

Acq: 10 May 2018 14:46

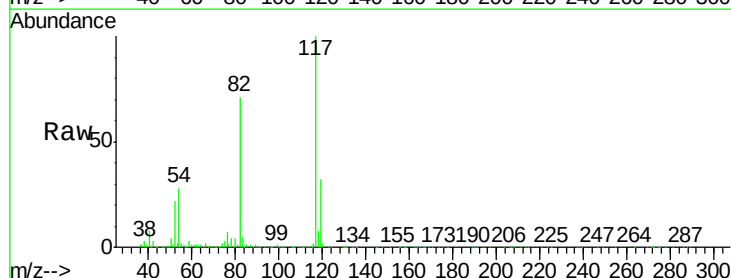
Tgt Ion: 117 Resp: 729365

Ion Ratio Lower Upper

117 100

82 71.5 57.6 86.4

119 32.0 26.6 40.0

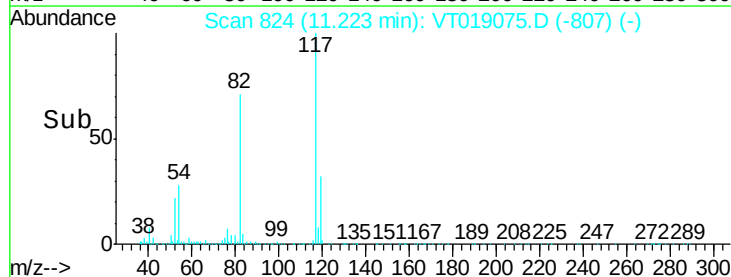


Abundance Ion 117.10 (116.80 to 117.80): VT019043.D (-819) (-)

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

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

Time-->

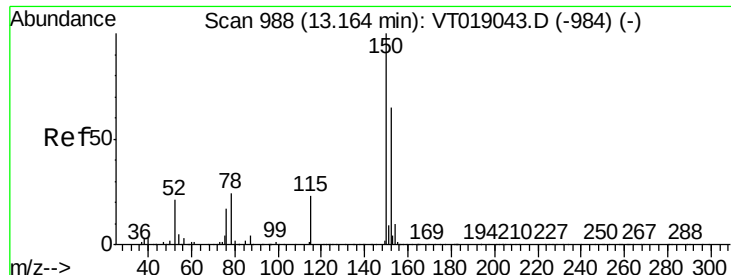


Abundance Ion 117.10 (116.80 to 117.80): VT019075.D (-807) (-)

Ion 82.10 (81.80 to 82.80): VT019075.D (-807) (-)

Ion 119.10 (118.80 to 119.80): VT019075.D (-807) (-)

Time-->



#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.16 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: VT019075.D
 Acq: 10 May 2018 14:46

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	72.4	34.2	102.6
150	160.7	0.0	321.2

