

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057509.D
 Acq On : 26 Aug 2019 14:10
 Operator : JC/SP
 Sample : K4475-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-D-(0)

Quant Time: Aug 27 09:09:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

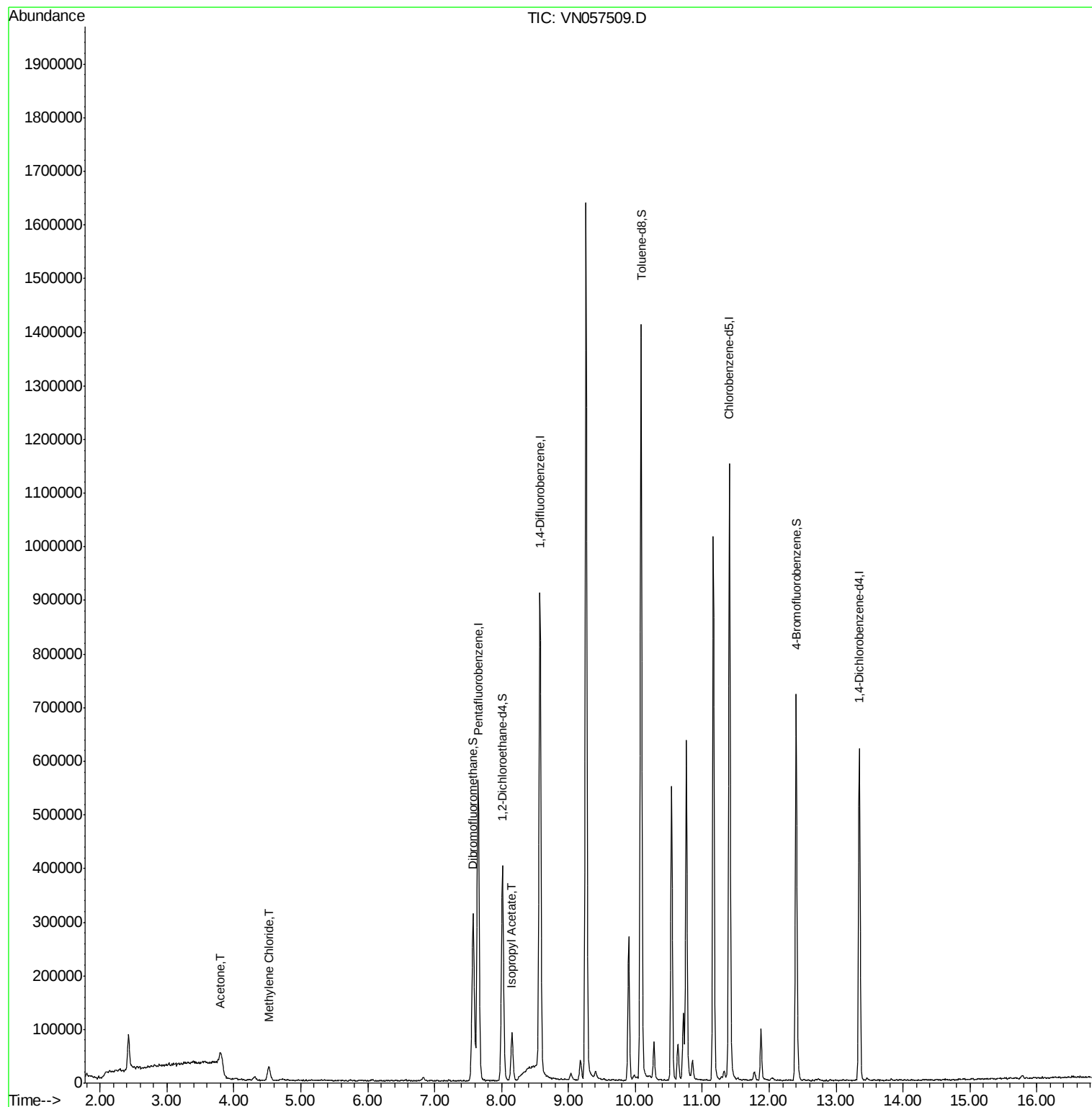
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	406881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	711937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	605596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	336936	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	7.58	113	225773	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	10.08	98	925490	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.40	95	256544	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
Target Compounds						
16) Acetone	3.80	43	32899	10.009	ug/l	94
20) Methylene Chloride	4.53	84	17454	3.512	ug/l #	86
43) Isopropyl Acetate	8.16	43	109856	8.335	ug/l	99

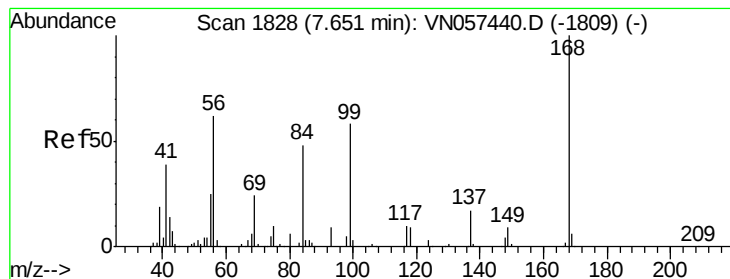
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 05:07:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

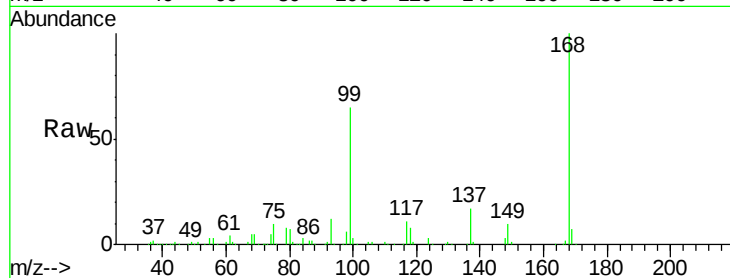
T1-2-D-(0)

Tot Ion:168 Resp: 406881

Ion Ratio Lower Upper

168 100

99 64.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

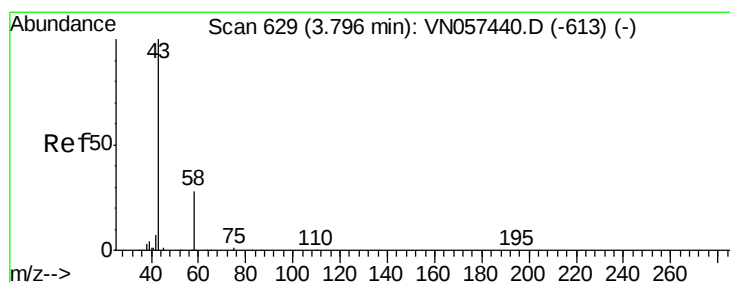
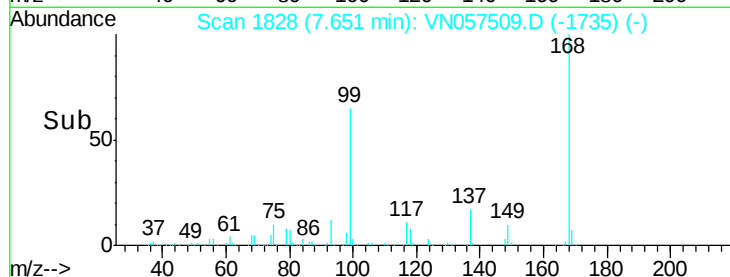
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.009 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057509.D

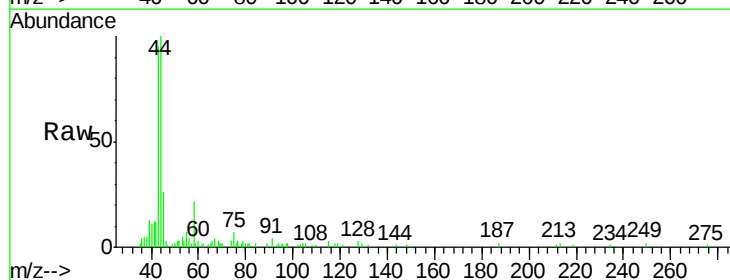
Acq: 26 Aug 2019 14:10

Tgt Ion: 43 Resp: 32899

Ion Ratio Lower Upper

43 100

58 24.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

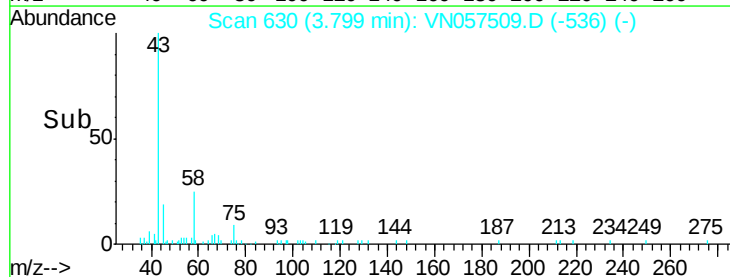
3.80

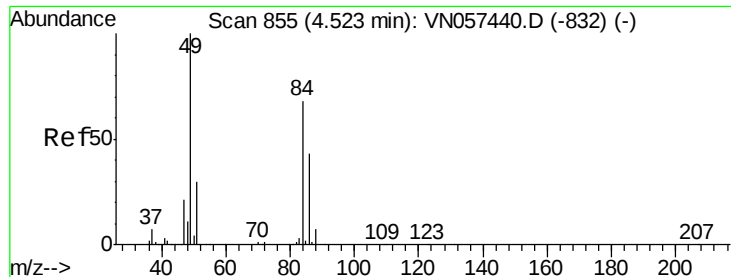
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 3.512 ug/l

RT: 4.53 min Scan# 857

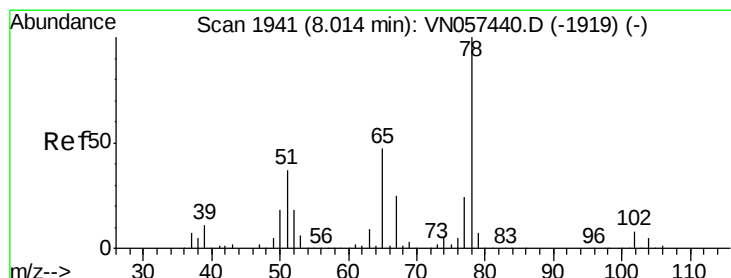
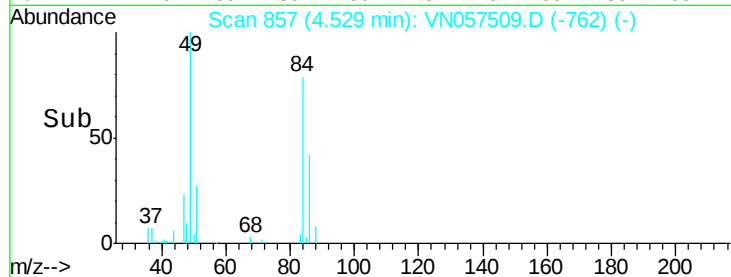
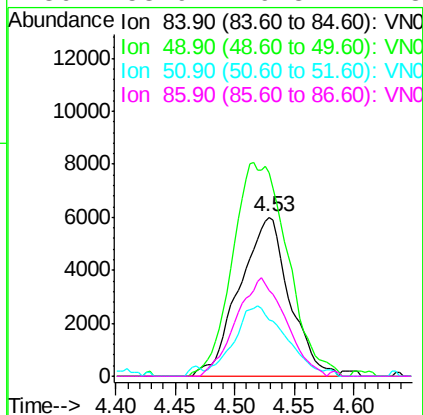
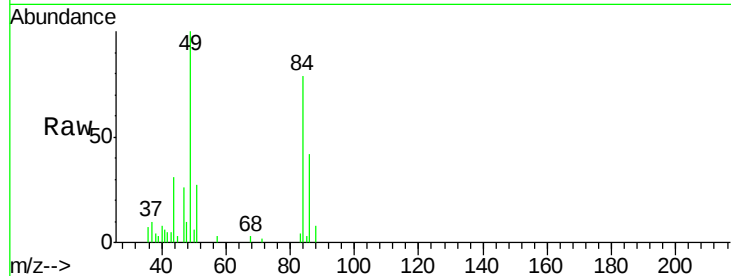
Delta R.T. 0.01 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :
MSVOA_N
ClientSampled :
T1-2-D-(0)

Tot Ion:	84	Resp:	17454
Ion	Ratio	Lower	Upper
84	100		
49	127.4	117.0	175.4
51	35.0	35.5	53.3#
86	53.9	49.8	74.8



#33

1,2-Dichloroethane-d4

Concen: 47.074 ug/l

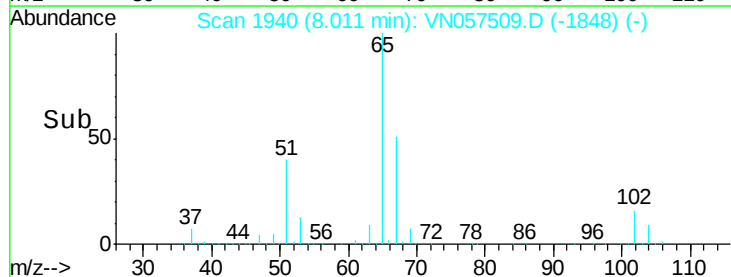
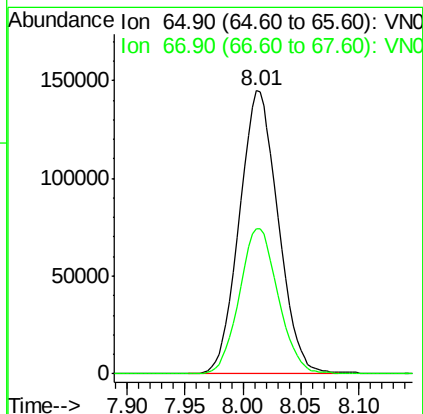
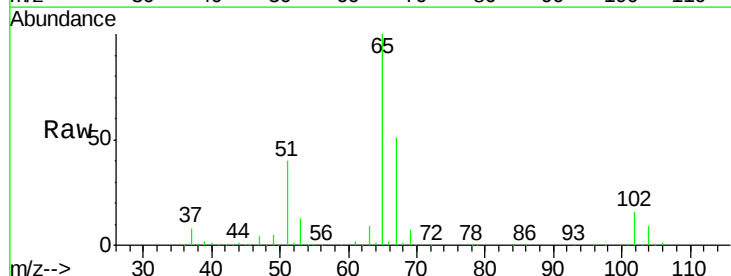
RT: 8.01 min Scan# 1940

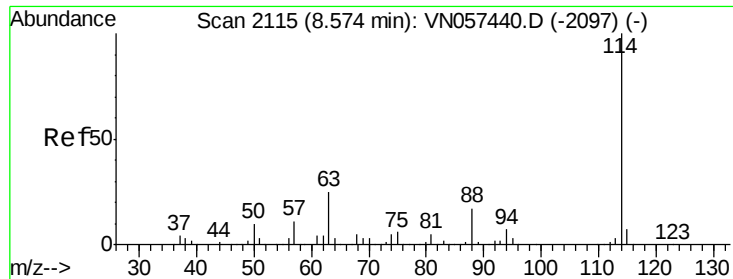
Delta R.T. -0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Tgt Ion:	65	Resp:	336936
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.8

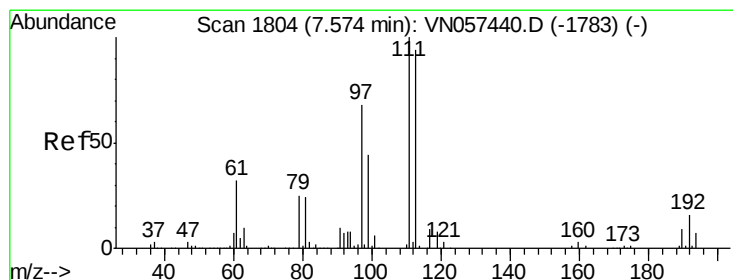
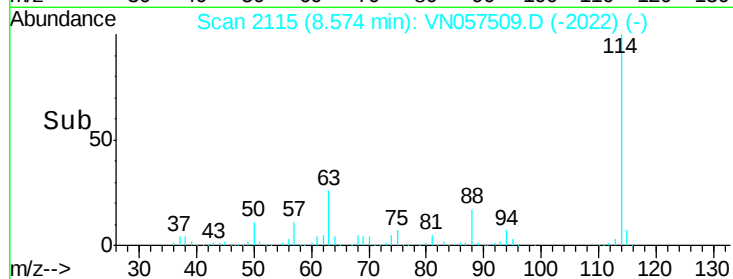
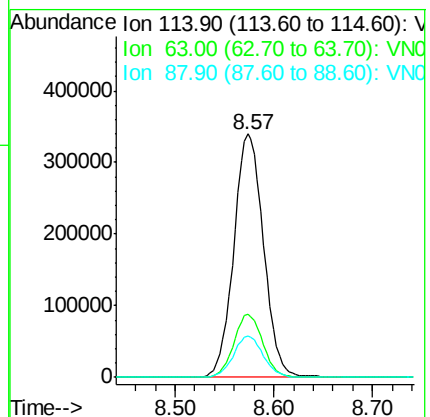
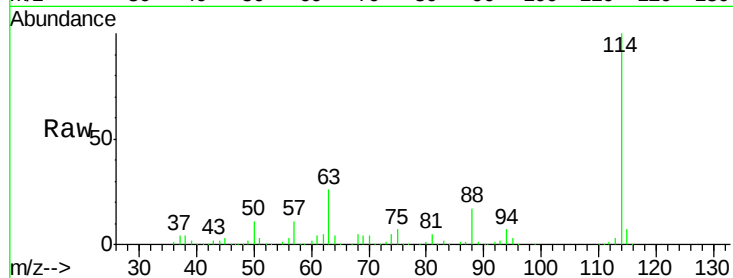




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

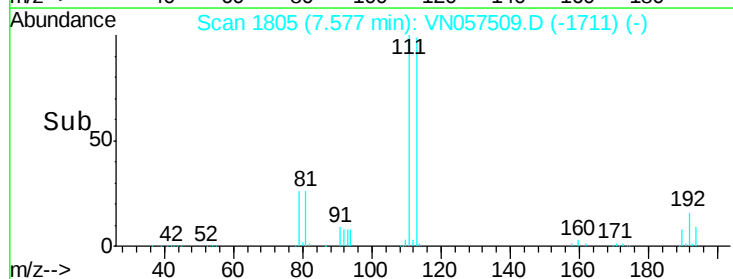
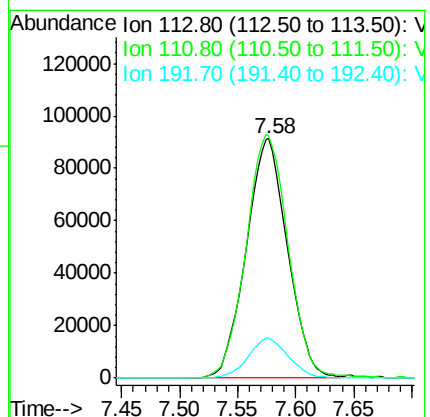
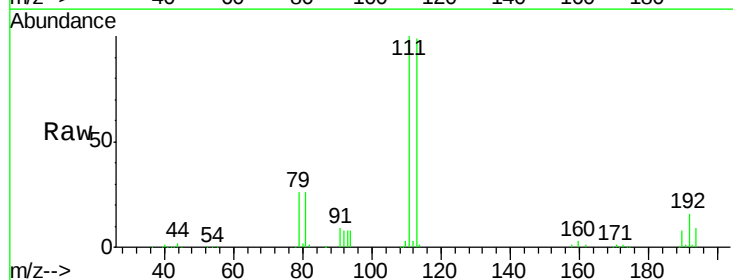
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-D-(0)

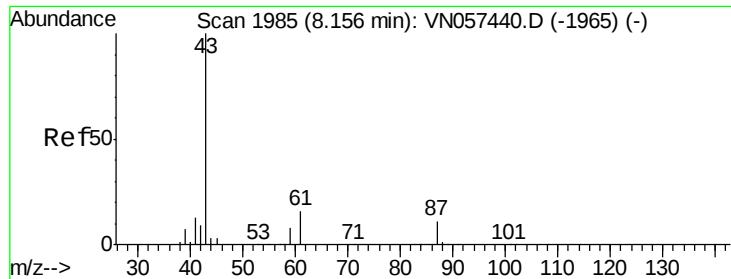
Tot Ion:114 Resp: 711937
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 50.2
 88 16.8 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 46.950 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

Tgt Ion:113 Resp: 225773
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.6
 192 16.2 13.5 20.3





#43

Isopropyl Acetate

Concen: 8.335 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

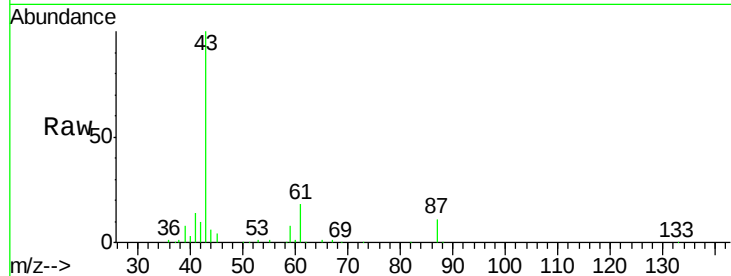
Tot Ion: 43 Resp: 109856

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

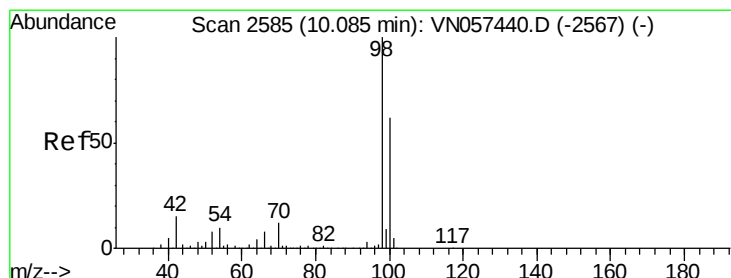
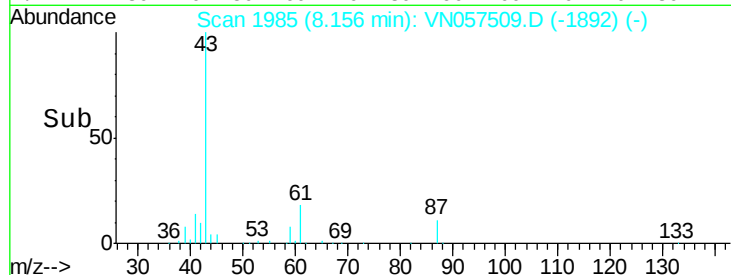
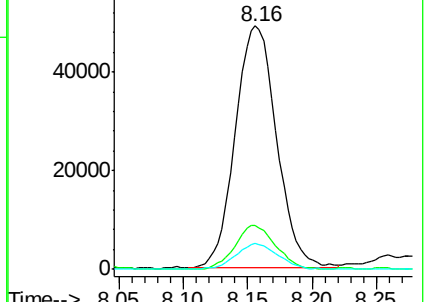
87 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#50

Toluene-d8

Concen: 50.898 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057509.D

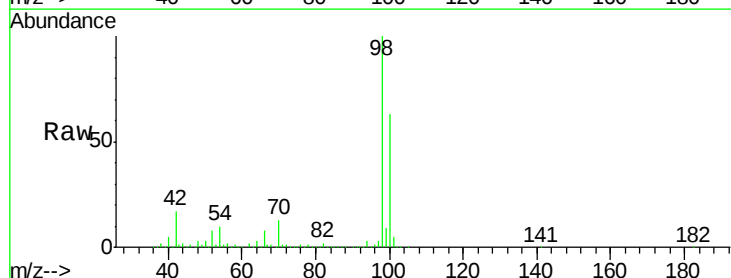
Acq: 26 Aug 2019 14:10

Tgt Ion: 98 Resp: 925490

Ion Ratio Lower Upper

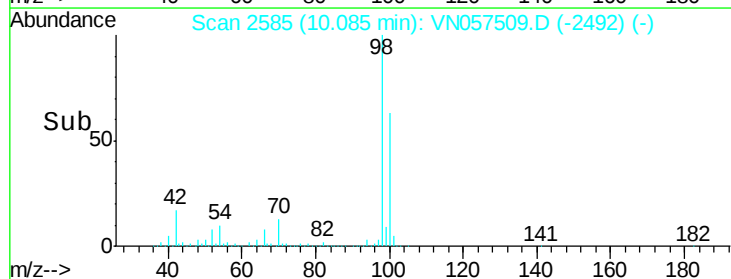
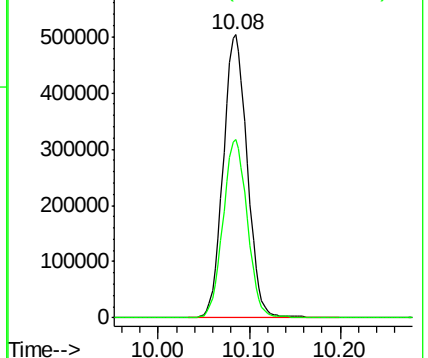
98 100

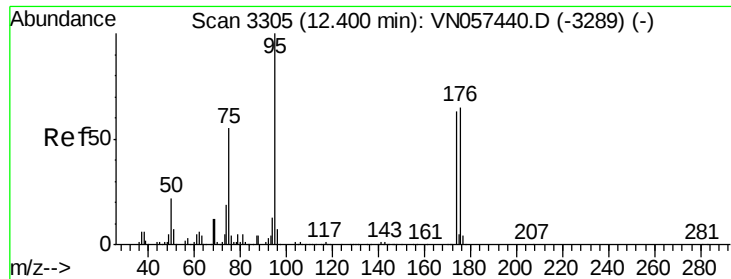
100 63.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 41.633 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

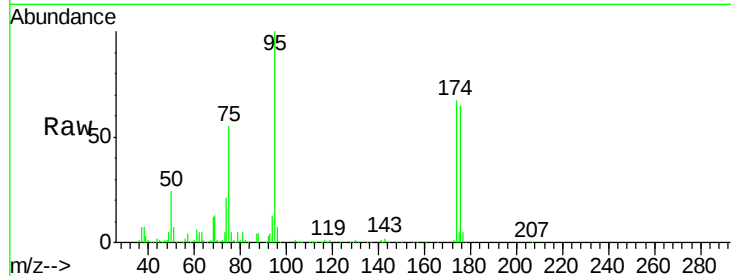
Tot Ion: 95 Resp: 256544

Ion Ratio Lower Upper

95 100

174 66.6 0.0 133.0

176 65.3 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

12.40

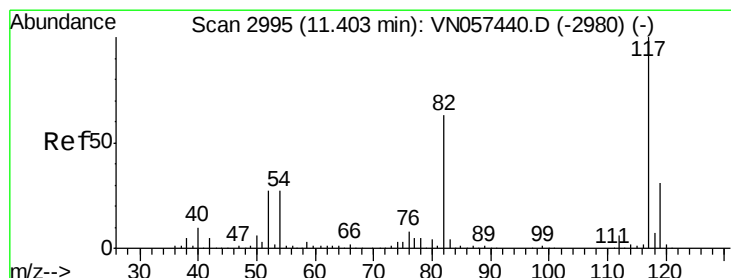
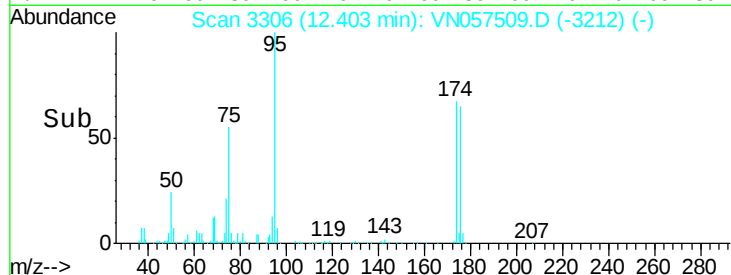
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

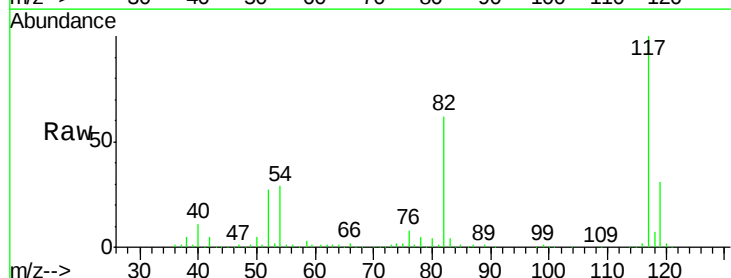
Tgt Ion: 117 Resp: 605596

Ion Ratio Lower Upper

117 100

82 61.6 50.6 75.8

119 31.4 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)

11.41

400000

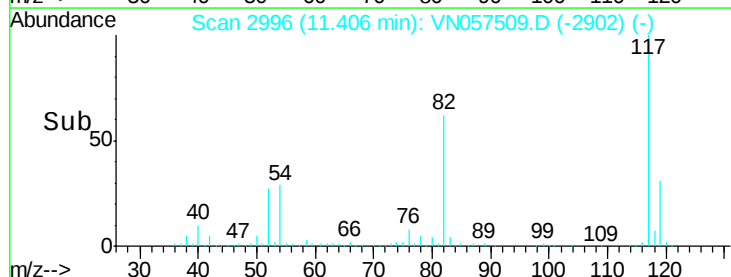
300000

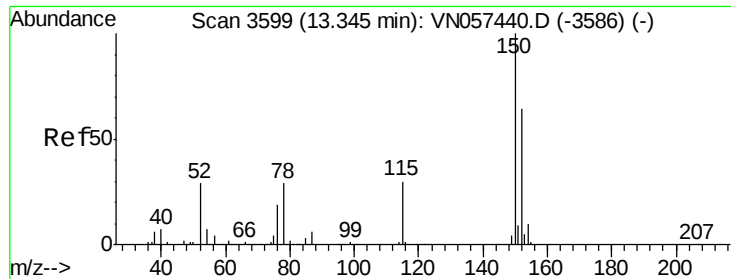
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

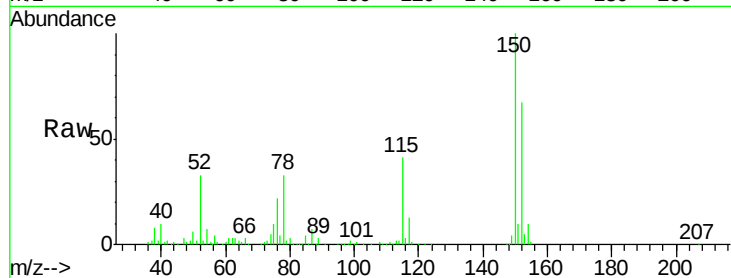
Tot Ion:152 Resp: 152454

Ion Ratio Lower Upper

152 100

115 62.9 32.0 96.0

150 155.2 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

