

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057520.D
 Acq On : 26 Aug 2019 19:31
 Operator : JC/SP
 Sample : K4475-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 27 07:46:43 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

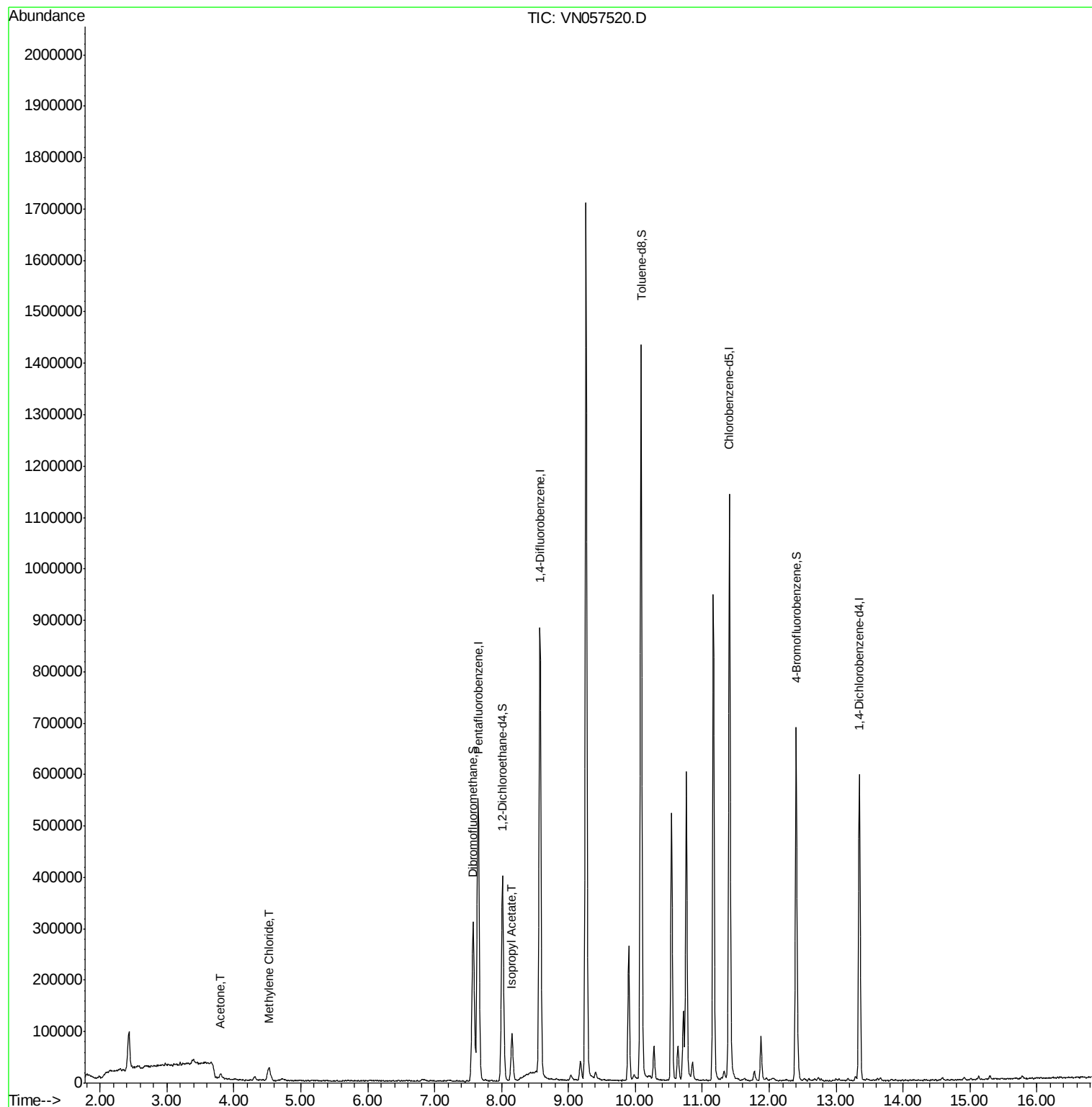
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	401549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	700100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	606219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	147651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338375	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	7.58	113	224691	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
50) Toluene-d8	10.08	98	932580	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	248251	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
Target Compounds						
16) Acetone	3.80	43	12445	3.836	ug/l	100
20) Methylene Chloride	4.52	84	16986	3.462	ug/l	92
43) Isopropyl Acetate	8.15	43	111552	8.606	ug/l	100

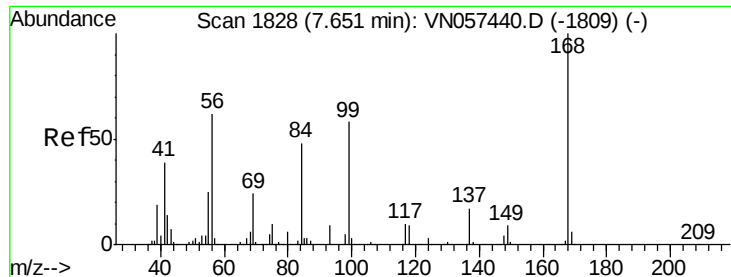
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
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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: VN057520.D

Acq: 26 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

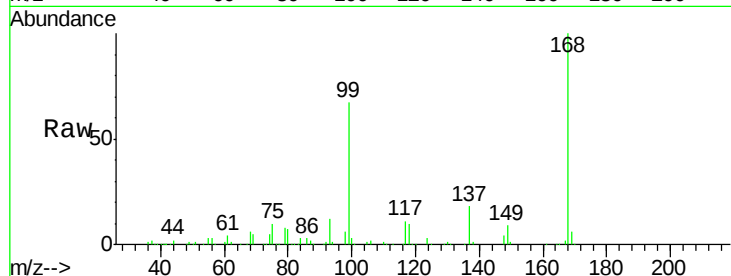
T1-2-B-(0)

Tot Ion:168 Resp: 401549

Ion Ratio Lower Upper

168 100

99 66.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

150000

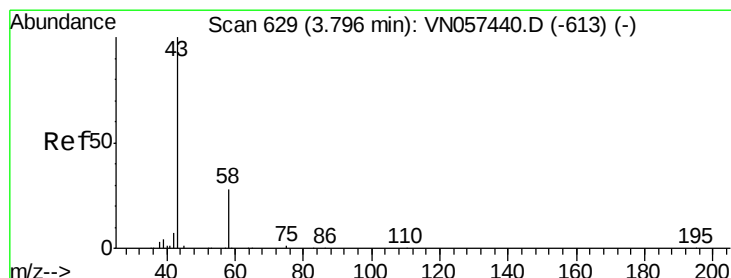
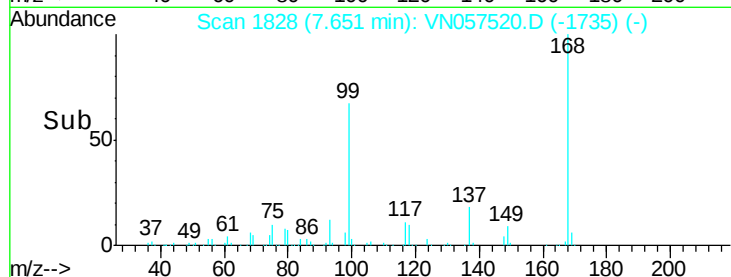
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 3.836 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057520.D

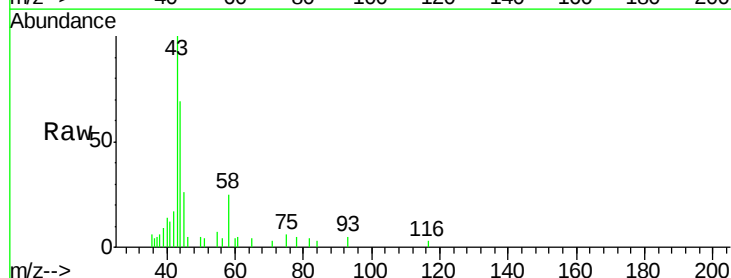
Acq: 26 Aug 2019 19:31

Tgt Ion: 43 Resp: 12445

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-613) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-613) (-)

3.80

6000

5000

4000

3000

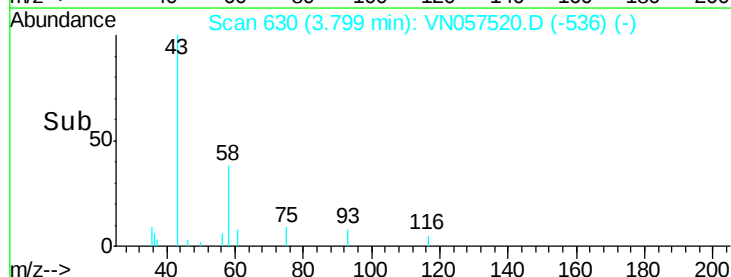
2000

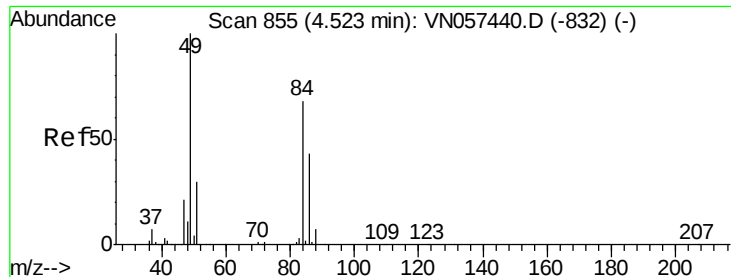
1000

0

3.75 3.80 3.85

Time-->





#20

Methylene Chloride

Concen: 3.462 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057520.D

Acq: 26 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

T1-2-B-(0)

Tot Ion: 84 Resp: 16986

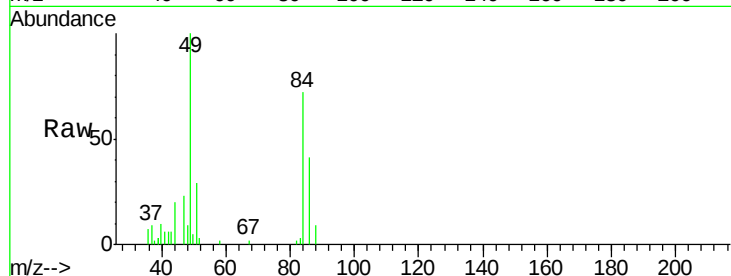
Ion Ratio Lower Upper

84 100

49 136.1 117.0 175.4

51 36.9 35.5 53.3

86 57.1 49.8 74.8

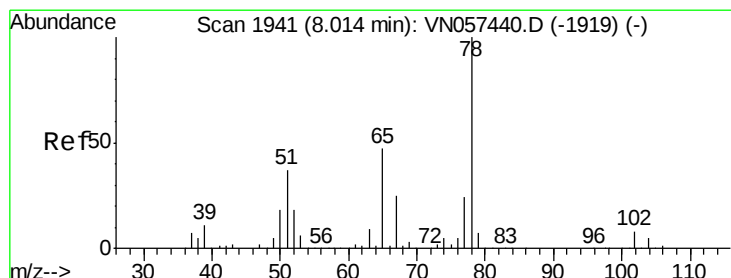
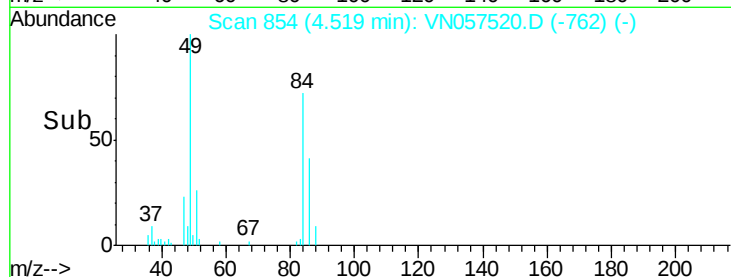
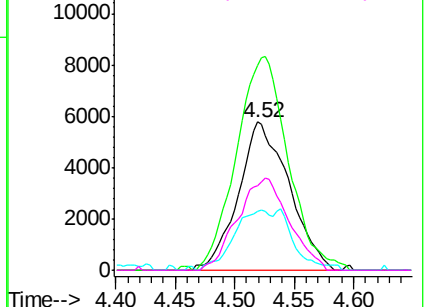


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.903 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057520.D

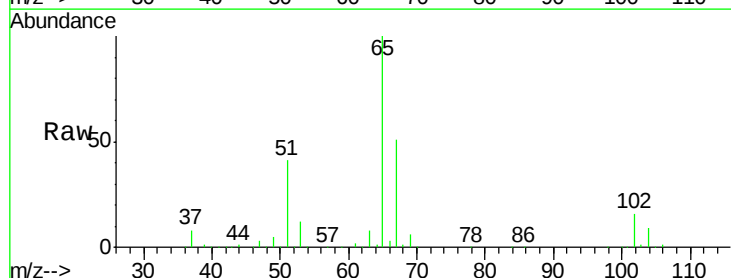
Acq: 26 Aug 2019 19:31

Tgt Ion: 65 Resp: 338375

Ion Ratio Lower Upper

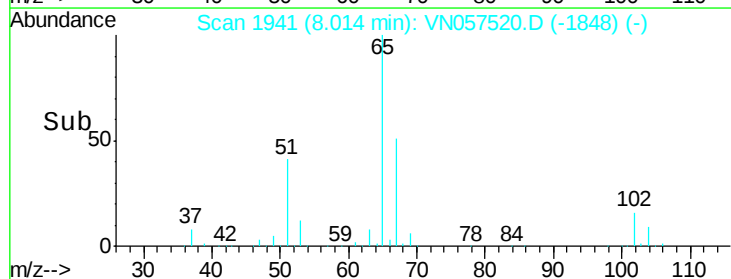
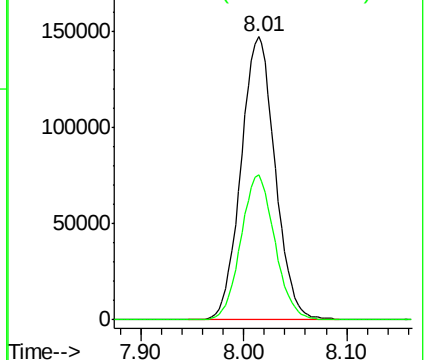
65 100

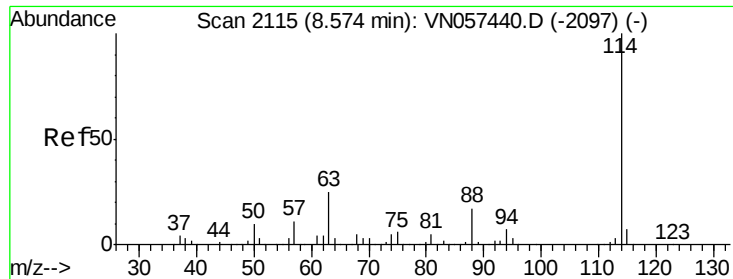
67 50.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

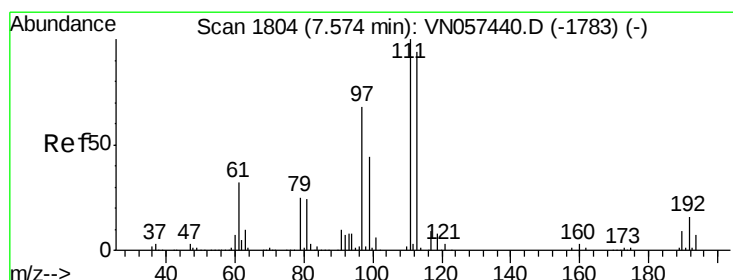
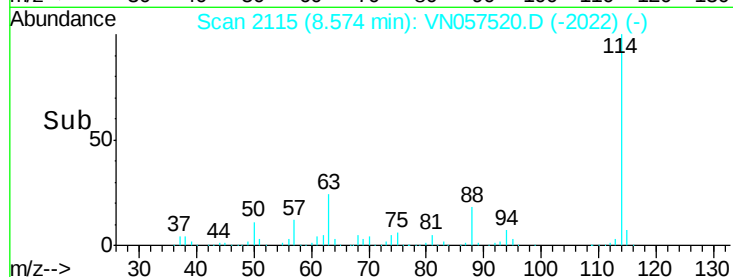
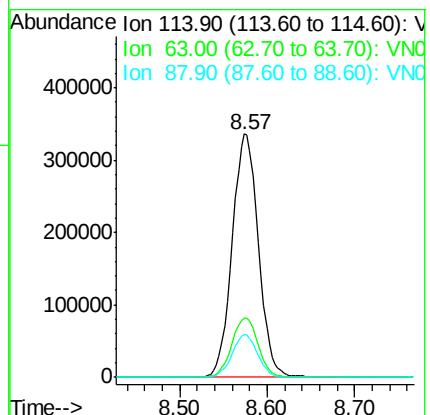
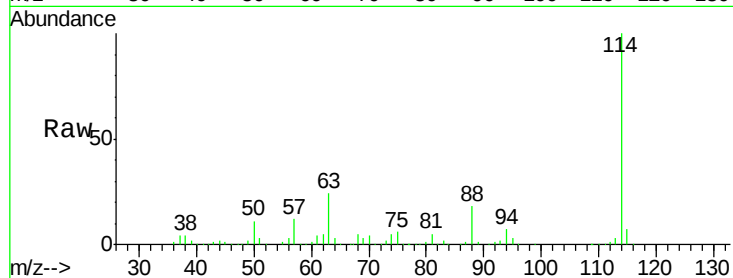




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057520.D
Acq: 26 Aug 2019 19:31

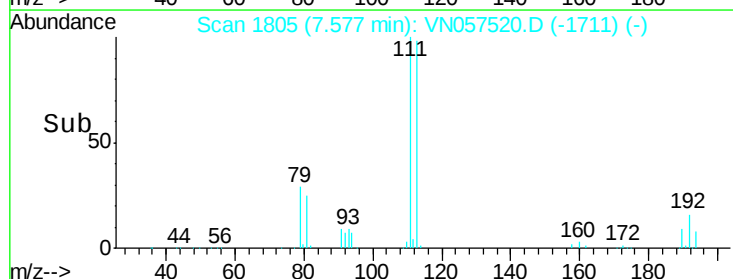
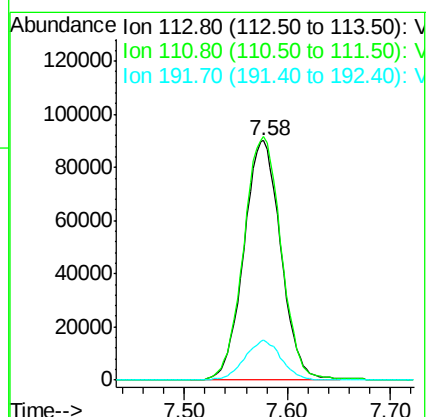
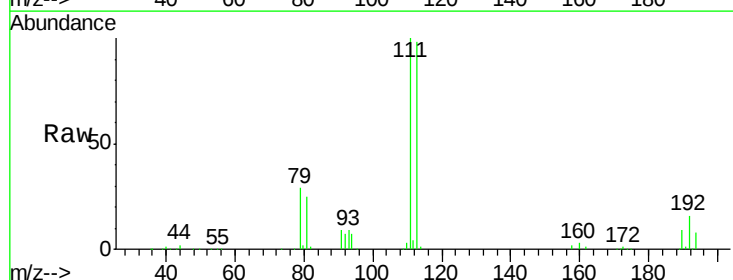
Instrument :
MSVOA_N
ClientSampleId :
T1-2-B-(0)

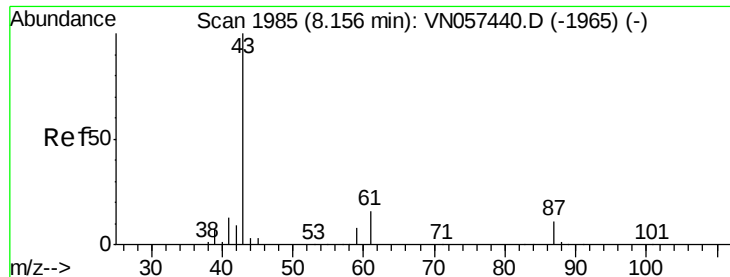
Tot Ion:114 Resp: 700100
Ion Ratio Lower Upper
114 100
63 24.2 0.0 50.2
88 17.7 0.0 34.6



#35
Dibromofluoromethane
Concen: 47.515 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057520.D
Acq: 26 Aug 2019 19:31

Tgt Ion:113 Resp: 224691
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 16.6 13.5 20.3





#43

Isopropyl Acetate

Concen: 8.606 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057520.D

Acq: 26 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

T1-2-B-(0)

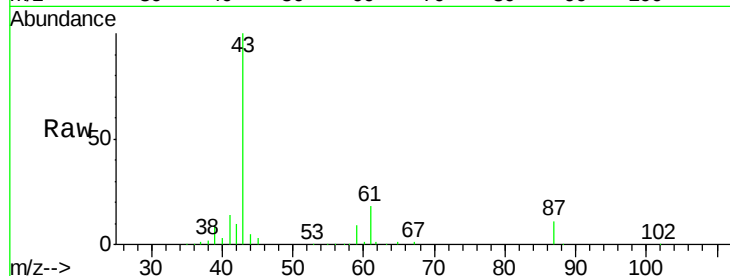
Tot Ion: 43 Resp: 111552

Ion Ratio Lower Upper

43 100

61 18.3 14.5 21.7

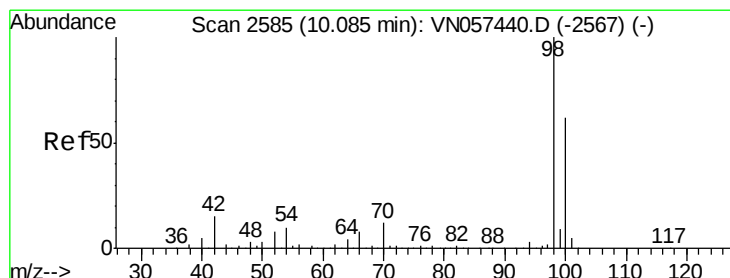
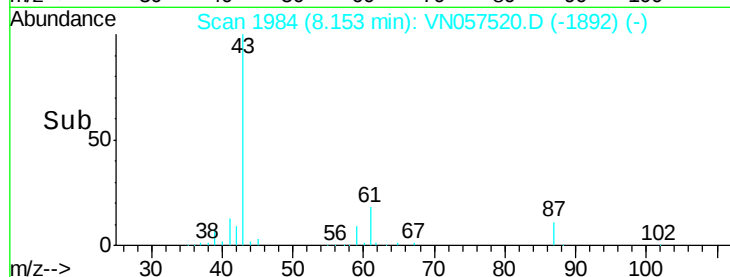
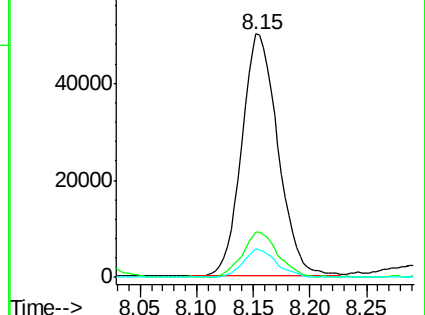
87 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.155 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057520.D

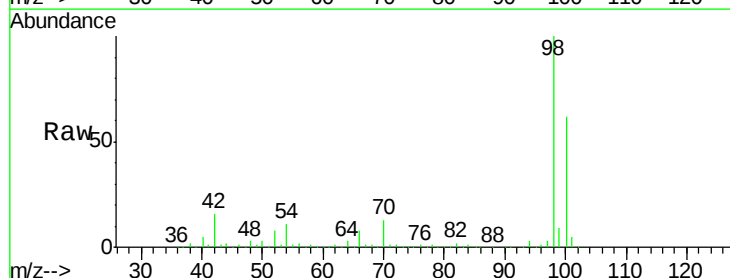
Acq: 26 Aug 2019 19:31

Tgt Ion: 98 Resp: 932580

Ion Ratio Lower Upper

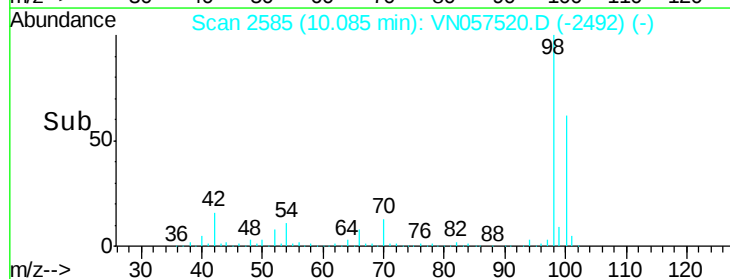
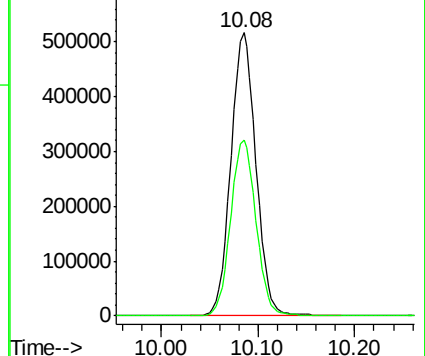
98 100

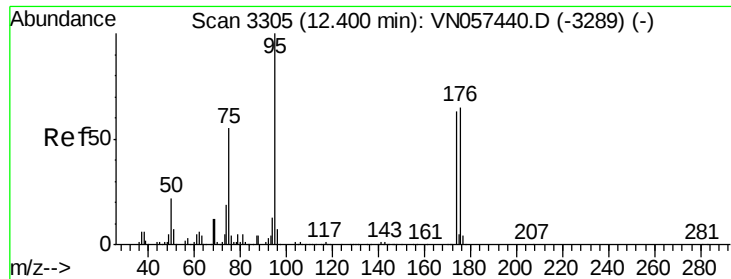
100 62.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 40.969 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057520.D

Acq: 26 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampled :

T1-2-B-(0)

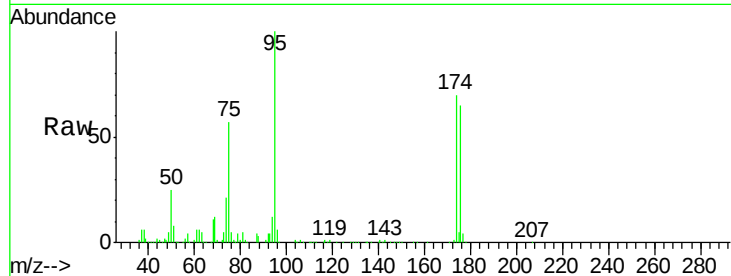
Tot Ion: 95 Resp: 248251

Ion Ratio Lower Upper

95 100

174 66.7 0.0 133.0

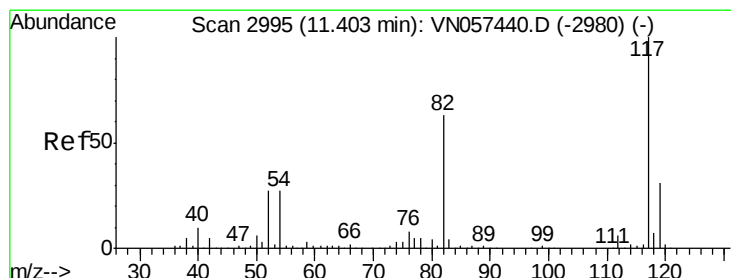
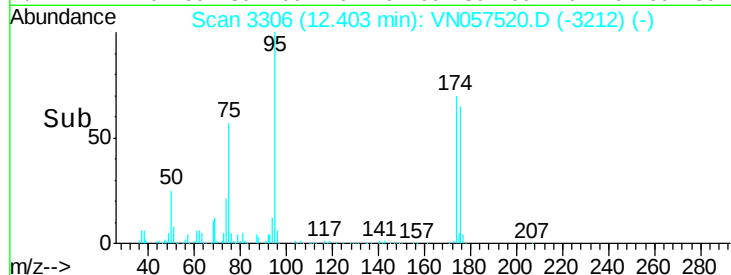
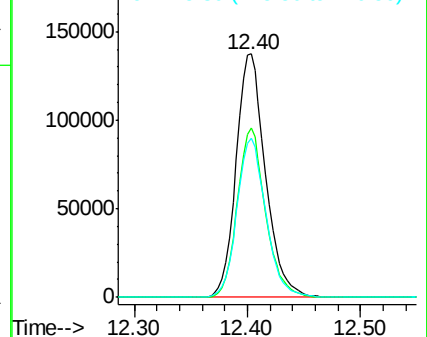
176 64.4 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057520.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057520.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057520.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057520.D

Acq: 26 Aug 2019 19:31

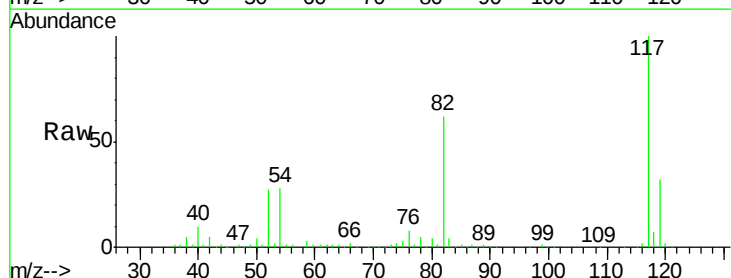
Tgt Ion: 117 Resp: 606219

Ion Ratio Lower Upper

117 100

82 62.0 50.6 75.8

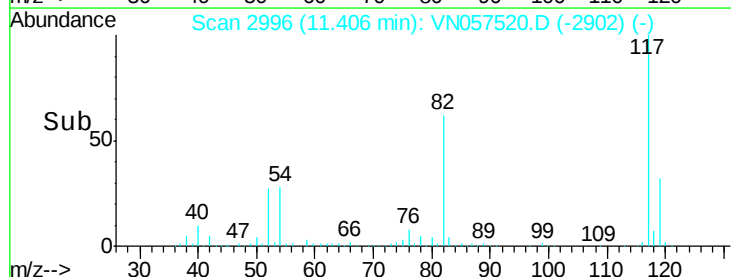
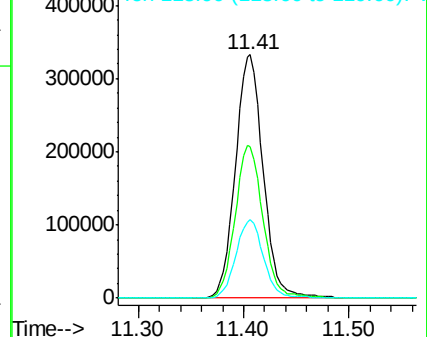
119 32.2 24.6 36.8

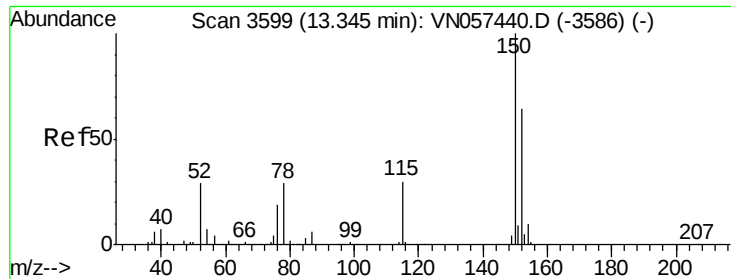


Abundance Ion 116.90 (116.60 to 117.60): VN057520.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057520.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057520.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057520.D

Acq: 26 Aug 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

T1-2-B-(0)

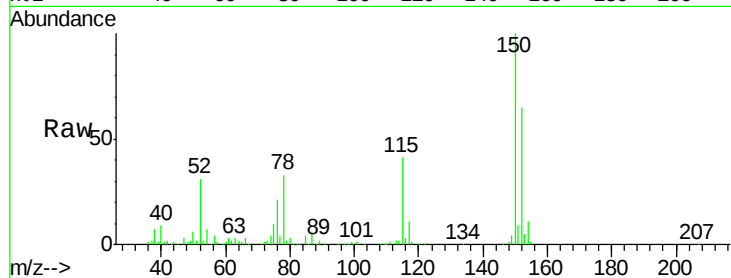
Tot Ion:152 Resp: 147651

Ion Ratio Lower Upper

152 100

115 64.6 32.0 96.0

150 154.3 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

