

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057226.D
 Acq On : 12 Aug 2019 19:40
 Operator : JC/SP
 Sample : K4229-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-C1-(1)

Quant Time: Aug 13 03:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

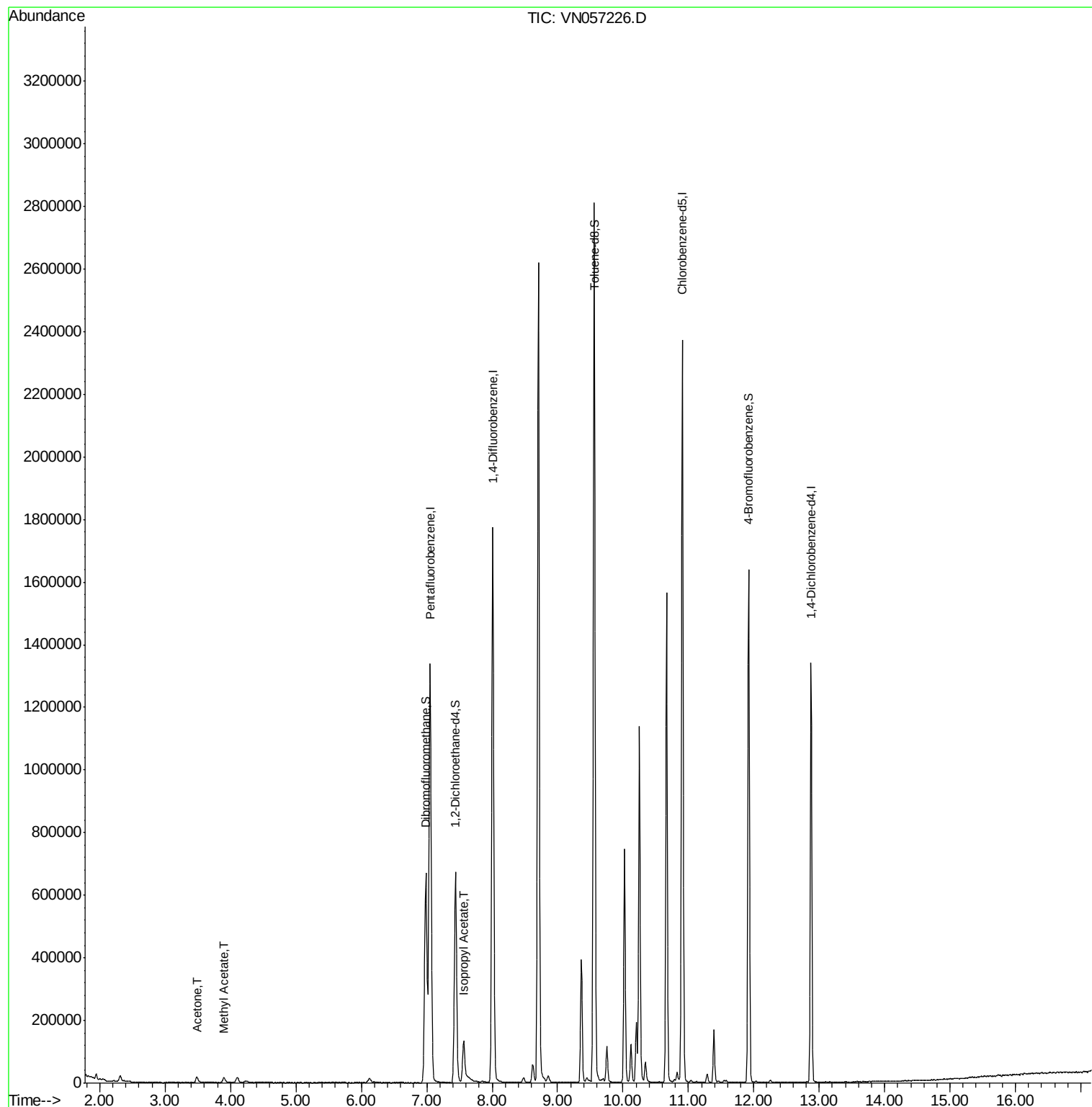
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1287580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1798218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1529787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	396877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	605535	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	6.99	113	550286	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	9.56	98	2089826	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.92	95	555456	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
Target Compounds						
16) Acetone	3.48	43	21968	5.493	ug/l	93
18) Methyl Acetate	3.90	43	30735	1.948	ug/l #	79
43) Isopropyl Acetate	7.56	43	173898	8.349	ug/l #	86

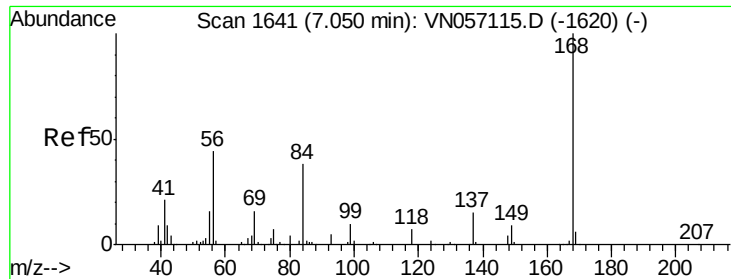
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\
Data File : VN057226.D
Acq On : 12 Aug 2019 19:40
Operator : JC/SP
Sample : K4229-25
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
2S-C1-(1)

Quant Time: Aug 13 03:18:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

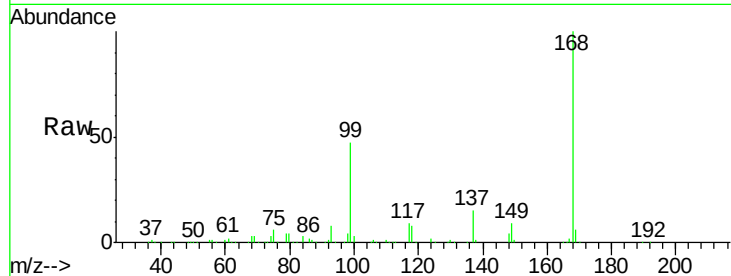
2S-C1-(1)

Tot Ion:168 Resp: 1287580

Ion Ratio Lower Upper

168 100

99 47.0 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

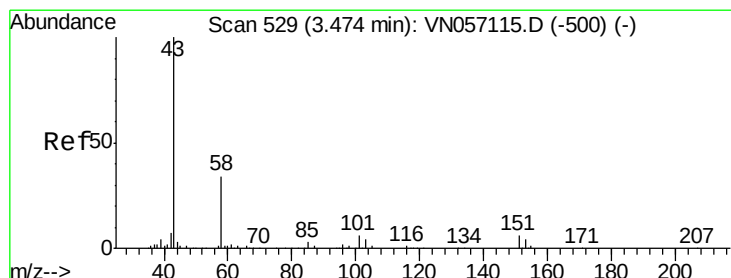
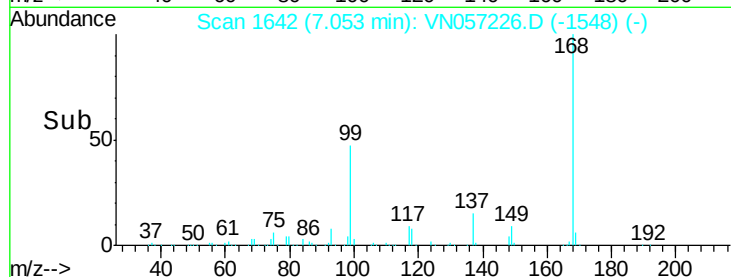
100000

0

7.05

7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 5.493 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057226.D

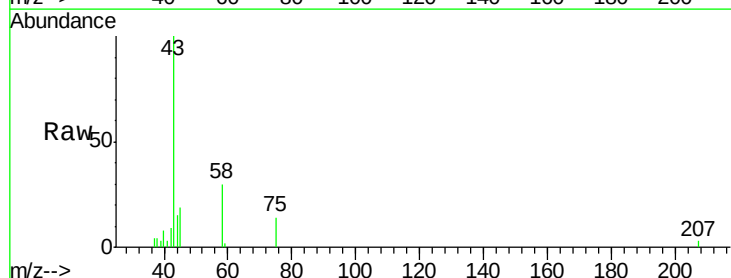
Acq: 12 Aug 2019 19:40

Tgt Ion: 43 Resp: 21968

Ion Ratio Lower Upper

43 100

58 30.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

6000

4000

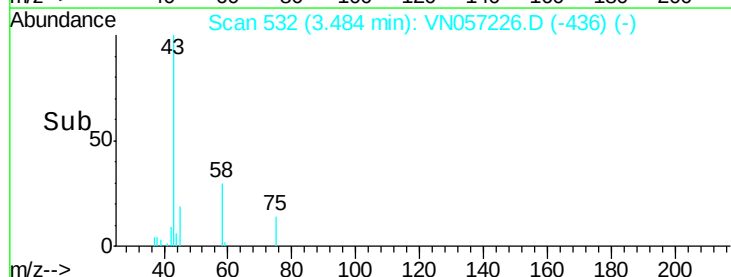
2000

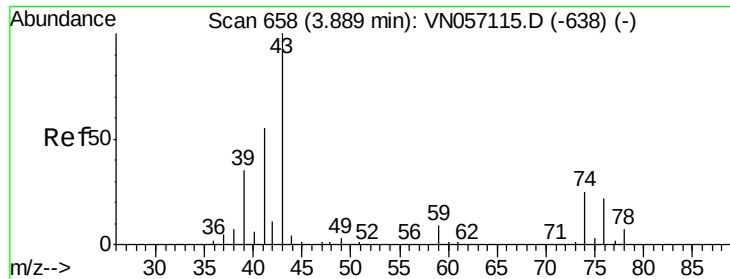
0

3.48

3.40 3.45 3.50 3.55

Time-->

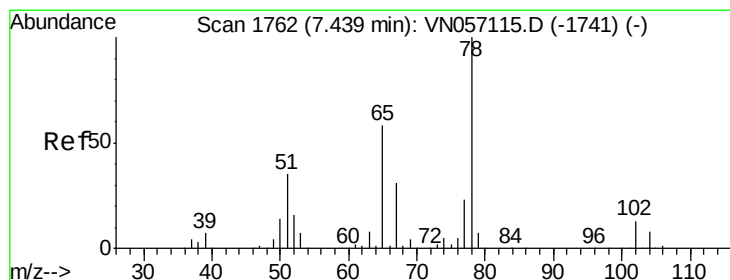
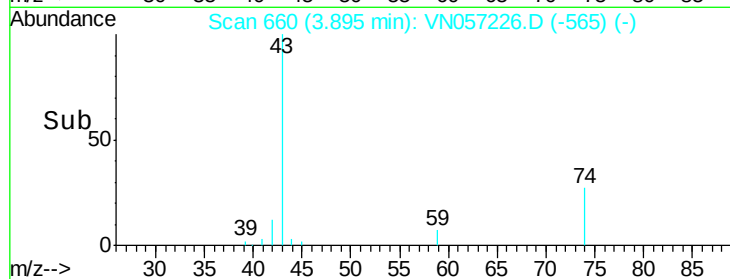
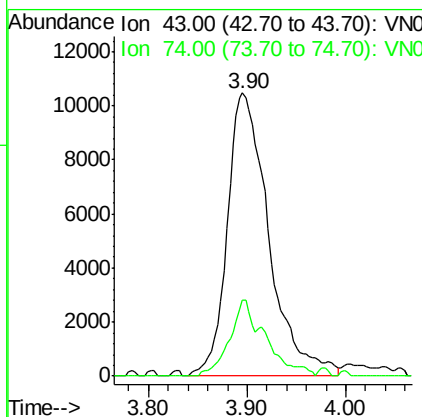
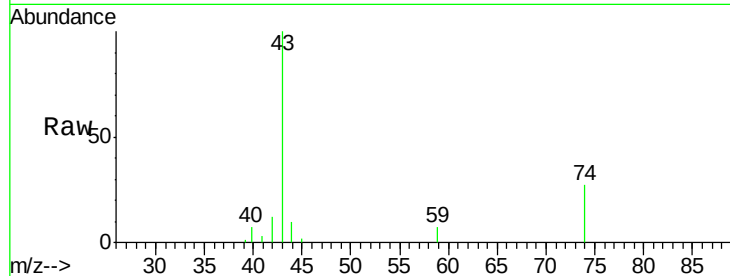




#18
Methvl Acetate
Concen: 1.948 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057226.D
Acq: 12 Aug 2019 19:40

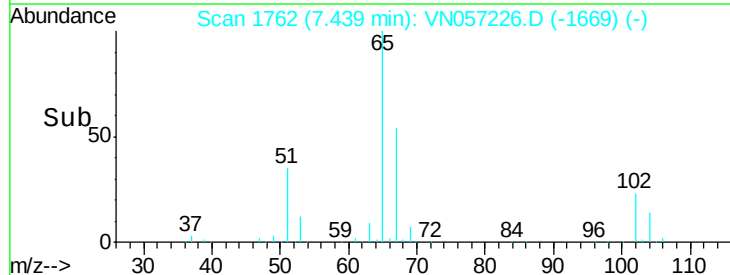
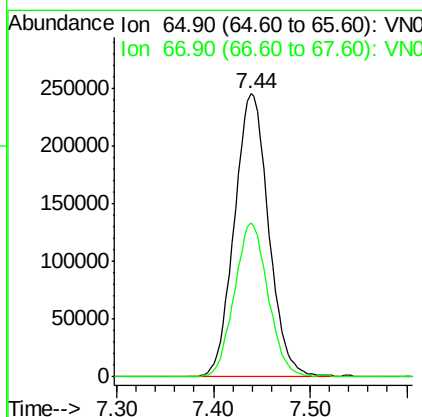
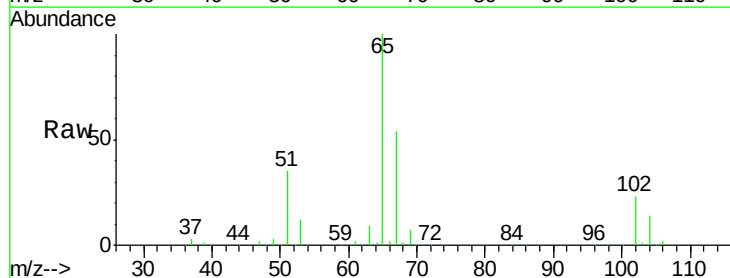
Instrument :
MSVOA_N
ClientSampleId :
2S-C1-(1)

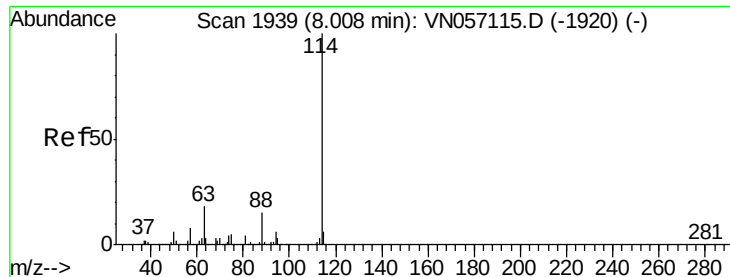
Tot Ion: 43 Resp: 30735
Ion Ratio Lower Upper
43 100
74 14.8 20.2 30.4#



#33
1,2-Dichloroethane-d4
Concen: 45.729 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057226.D
Acq: 12 Aug 2019 19:40

Tgt Ion: 65 Resp: 605535
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

2S-C1-(1)

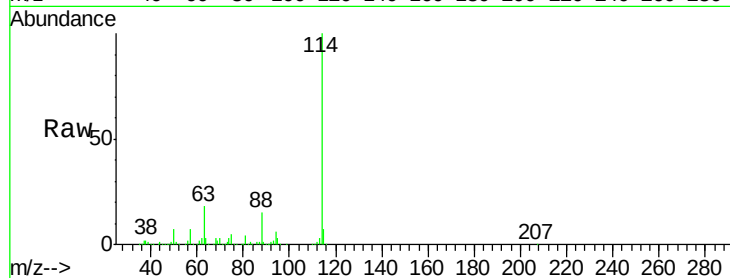
Tot Ion:114 Resp: 1798218

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

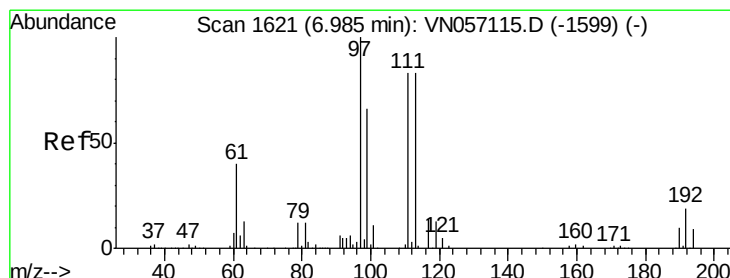
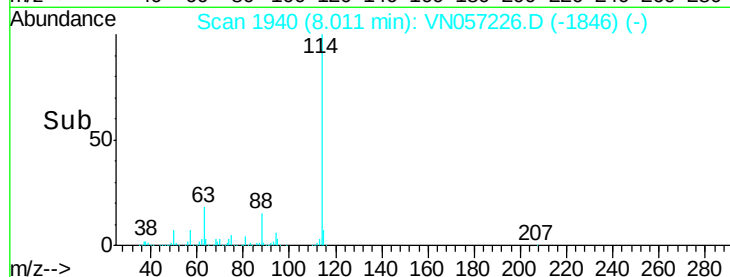
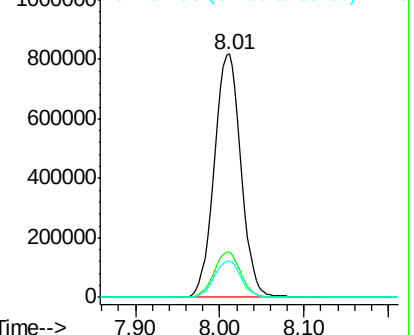
88 14.9 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

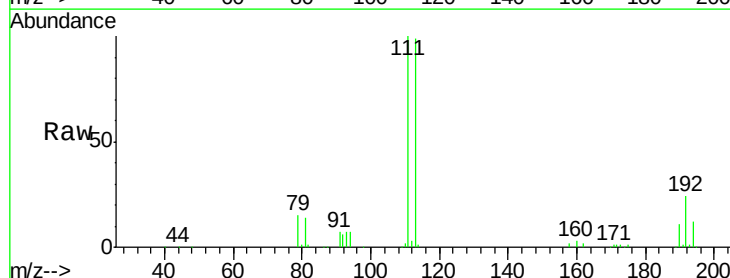
Tgt Ion:113 Resp: 550286

Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

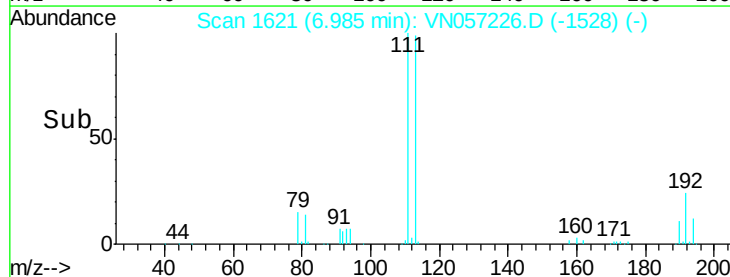
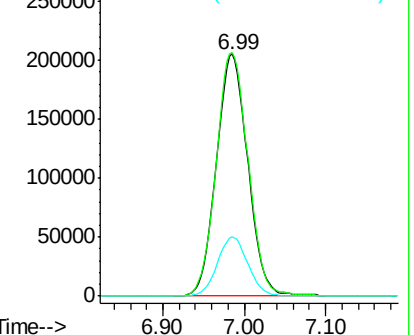
192 24.0 19.0 28.4

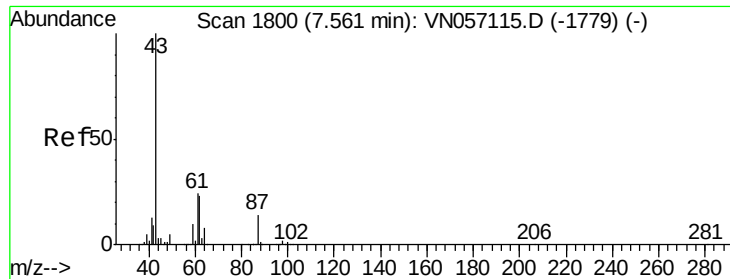


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.349 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

Instrument :

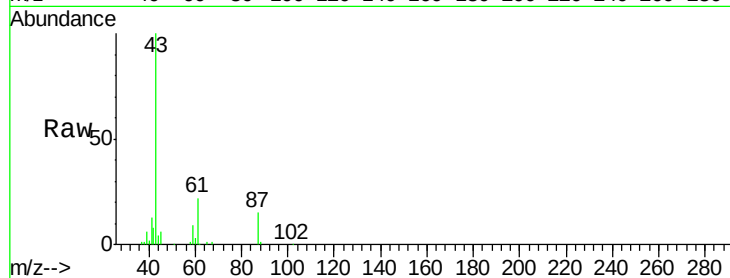
MSVOA_N

ClientSampleId :

2S-C1-(1)

Tot Ion: 43 Resp: 173898

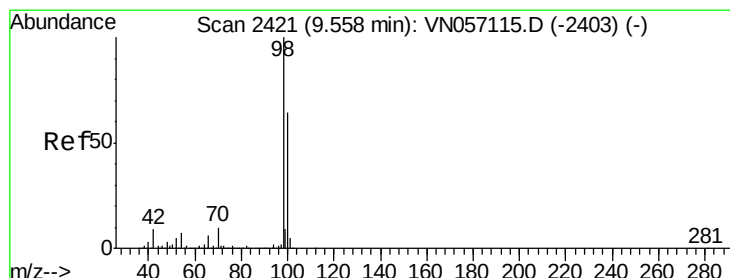
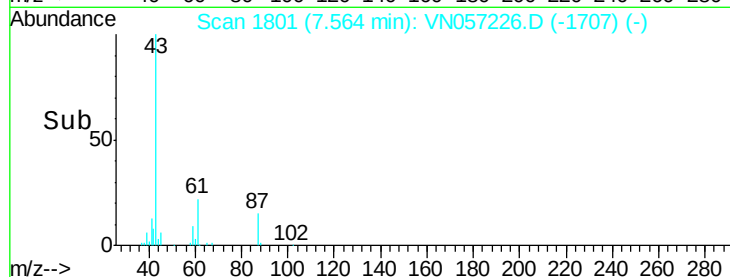
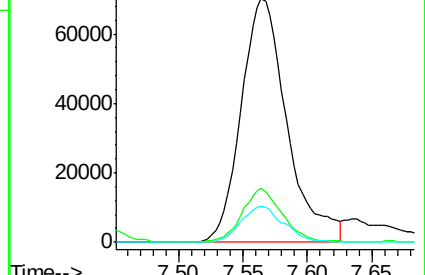
Ion	Ratio	Lower	Upper
43	100		
61	19.4	24.2	36.2#
87	13.9	11.8	17.8



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057115.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1779) (-)



#50

Toluene-d8

Concen: 48.408 ug/l

RT: 9.56 min Scan# 2422

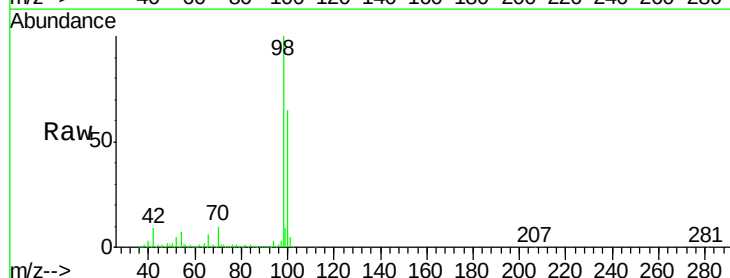
Delta R.T. 0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

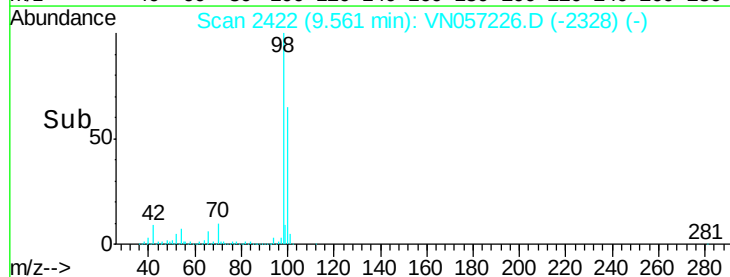
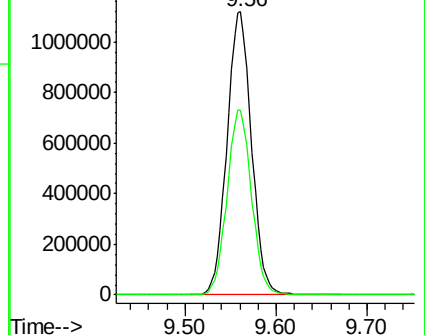
Tgt Ion: 98 Resp: 2089826

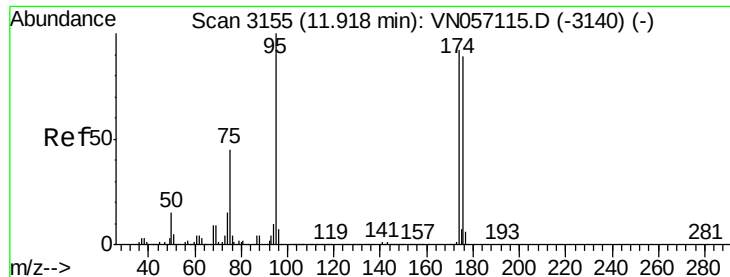
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VN057115.D (-2403) (-)

Ion 100.00 (99.70 to 100.70): VN057115.D (-2403) (-)





#62

4-Bromofluorobenzene

Concen: 39.932 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

2S-C1-(1)

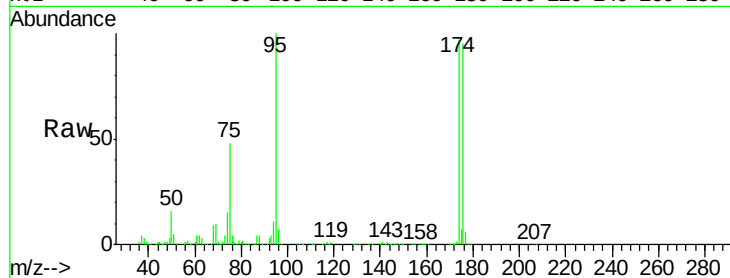
Tot Ion: 95 Resp: 555456

Ion Ratio Lower Upper

95 100

174 96.6 0.0 185.0

176 95.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)

11.92

400000

300000

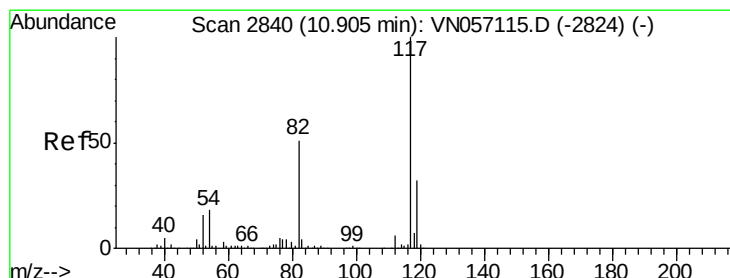
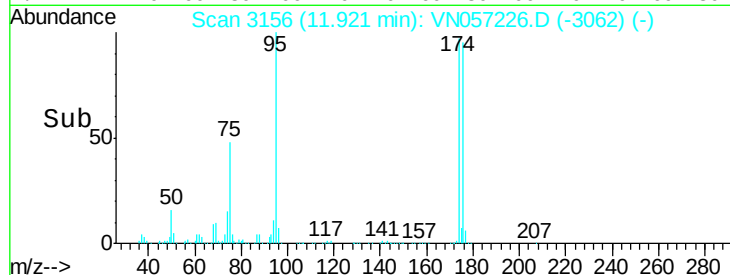
200000

100000

0

11.90 12.00

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

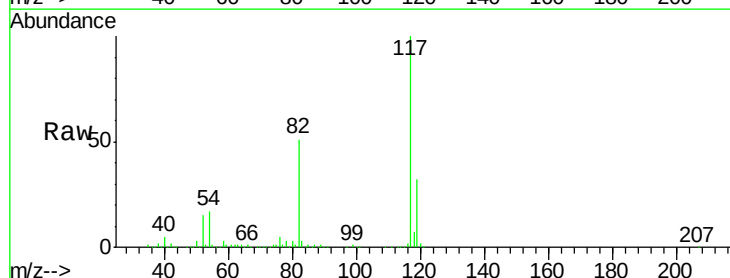
Tgt Ion: 117 Resp: 1529787

Ion Ratio Lower Upper

117 100

82 50.9 40.8 61.2

119 32.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

10.91

1200000

1000000

800000

600000

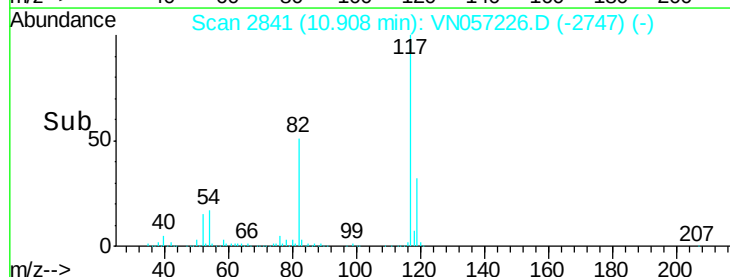
400000

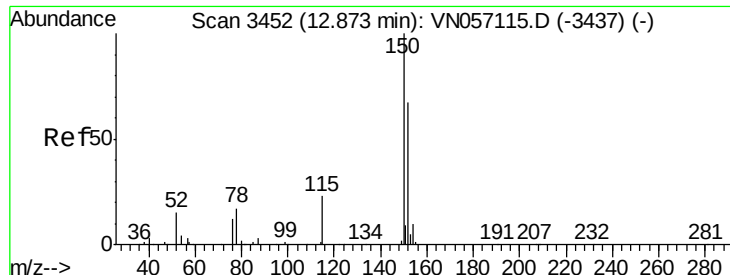
200000

0

10.80 10.90 11.00

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057226.D

Acq: 12 Aug 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

2S-C1-(1)

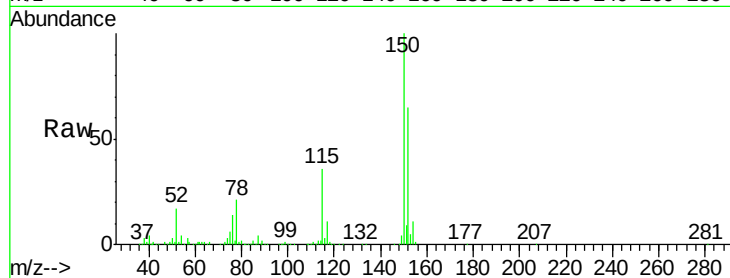
Tot Ion:152 Resp: 396877

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.5

150 157.1 0.0 341.6



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

