

Data File : VN057183.D
Acq On : 11 Aug 2019 13:26
Operator : JC/SP
Sample : K4227-24
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-J(0)

Quant Time: Aug 12 06:49:34 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

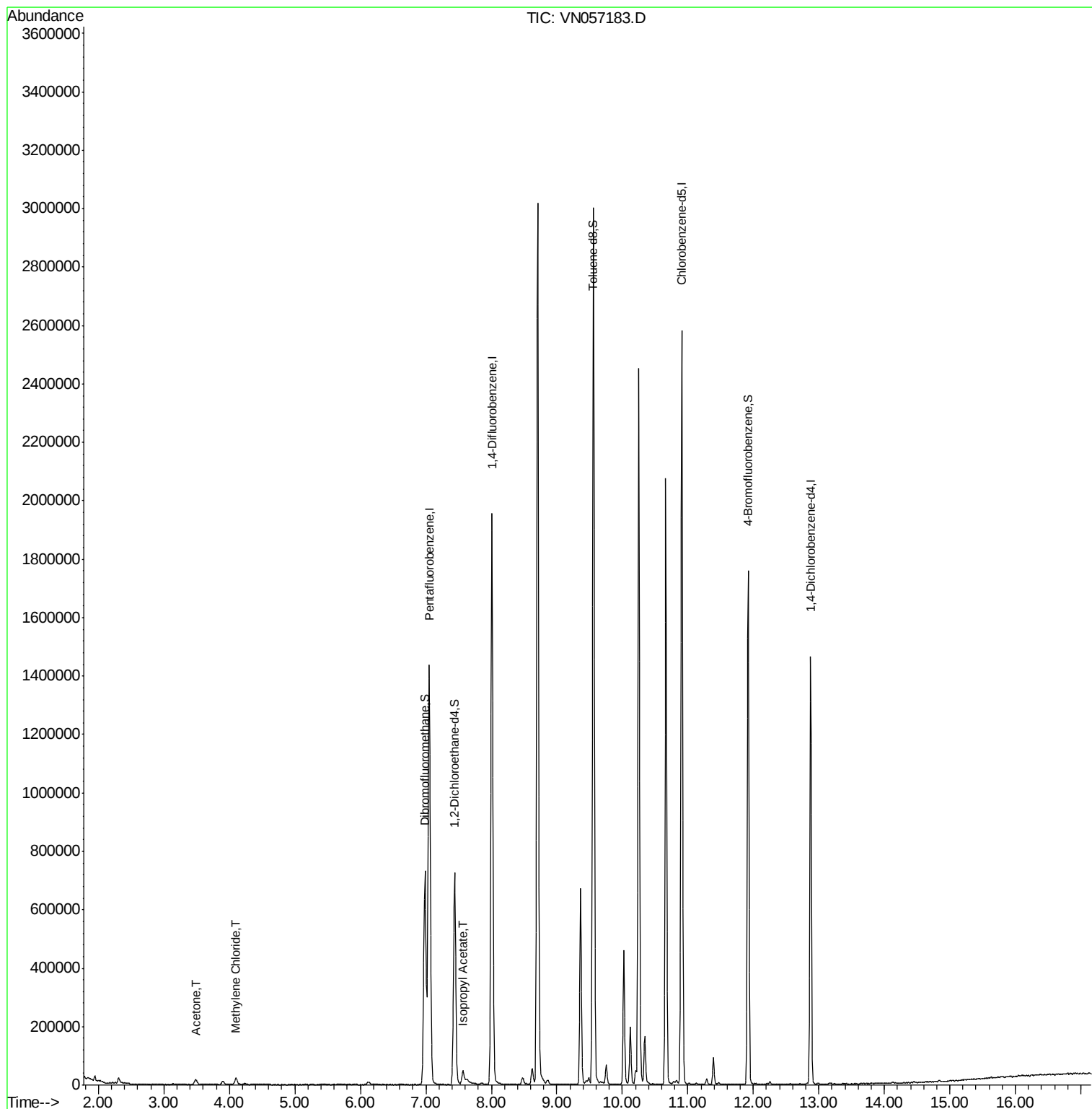
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1388542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1953769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1642938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	429834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	640506	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
35) Dibromofluoromethane	6.99	113	588611	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	9.56	98	2268880	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.92	95	610145	40.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.74%	
Target Compounds						
16) Acetone	3.48	43	23723	5.501	ug/l	100
20) Methylene Chloride	4.10	84	15677	1.101	ug/l #	89
43) Isopropyl Acetate	7.57	43	62989	2.783	ug/l #	81

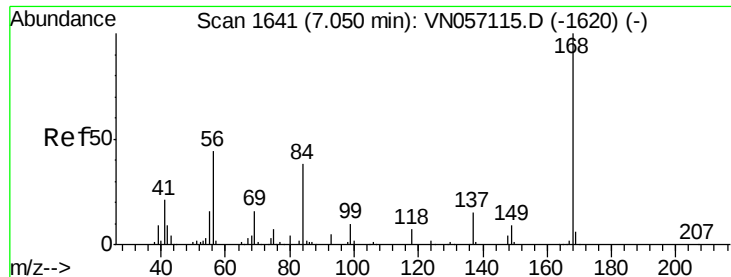
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1641

Delta R.T. -0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampled :

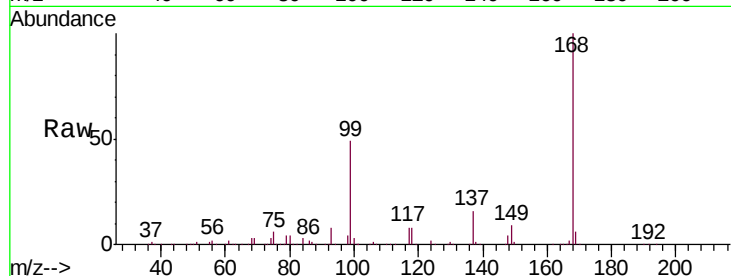
1S-J(0)

Tgt Ion:168 Resp: 1388542

Ion Ratio Lower Upper

168 100

99 48.9 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

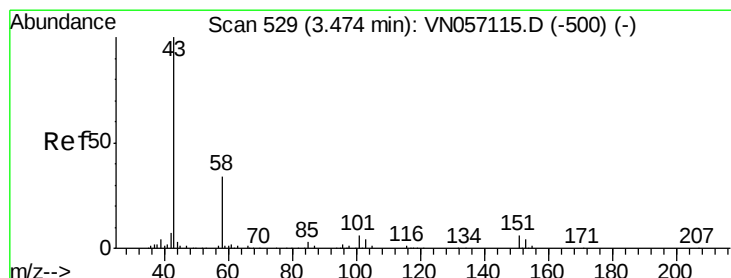
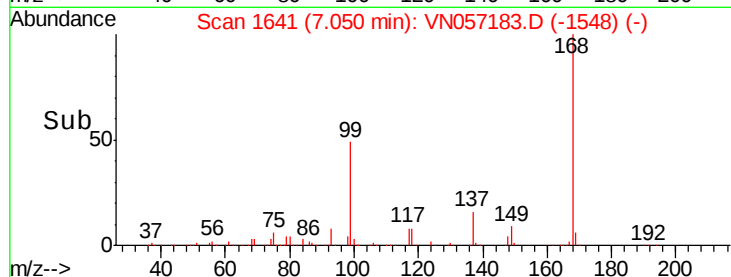
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#16

Acetone

Concen: 5.501 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057183.D

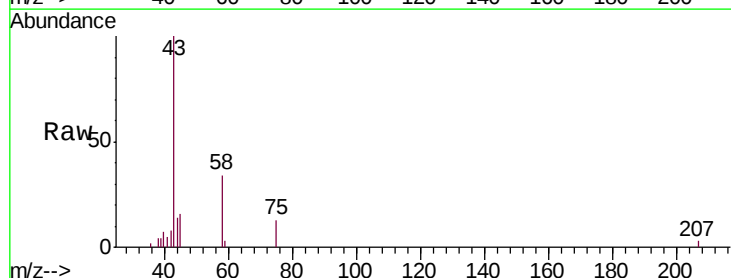
Acq: 11 Aug 2019 13:26

Tgt Ion: 43 Resp: 23723

Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.48

10000

8000

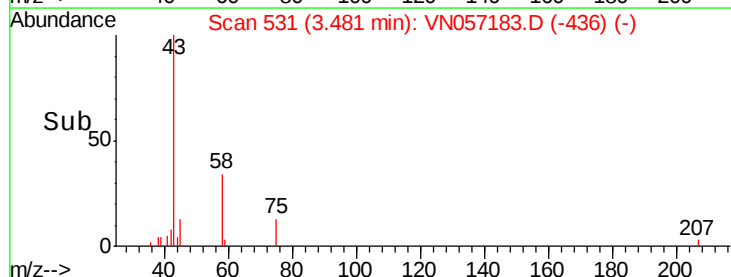
6000

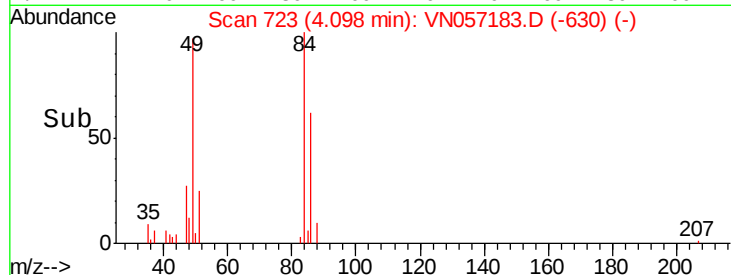
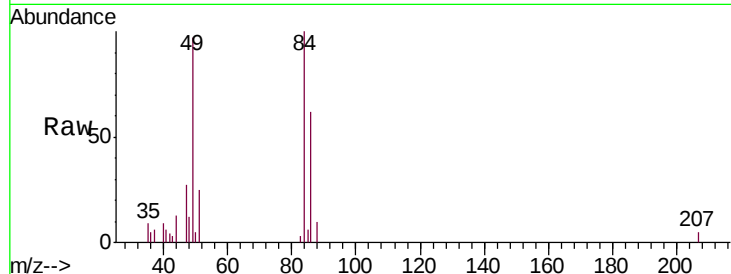
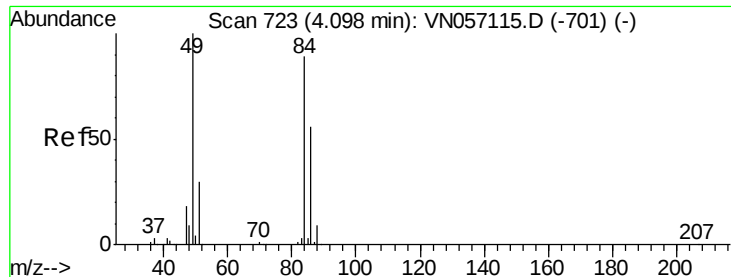
4000

2000

0

Time--> 3.40 3.50 3.60

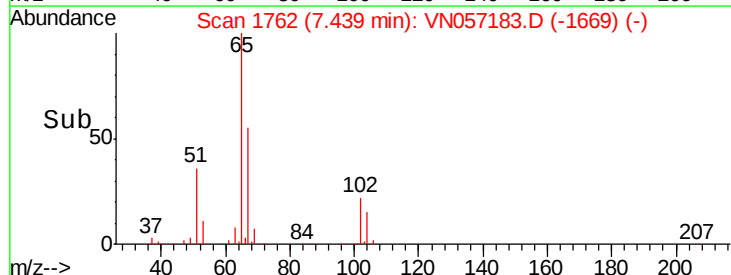
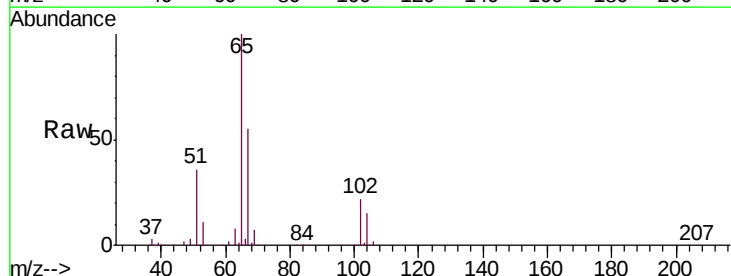
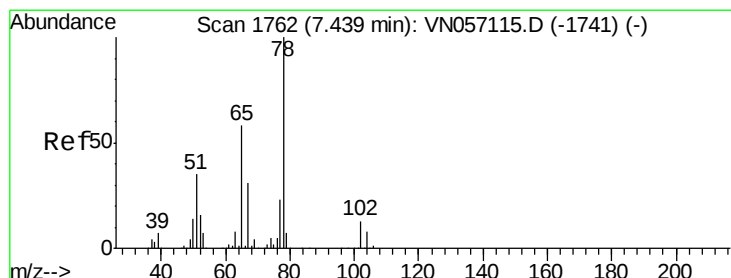
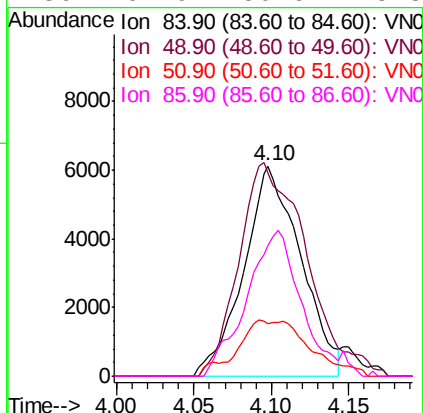




#20
Methylene Chloride
Concen: 1.101 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

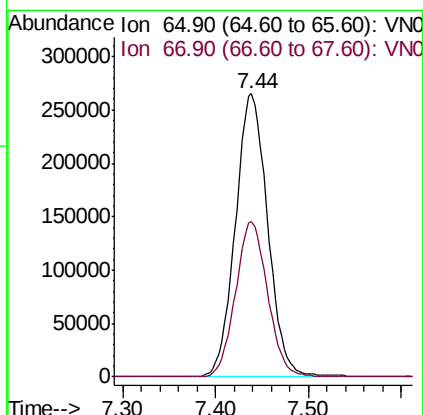
Instrument :
MSVOA_N
ClientSampleId :
1S-J(0)

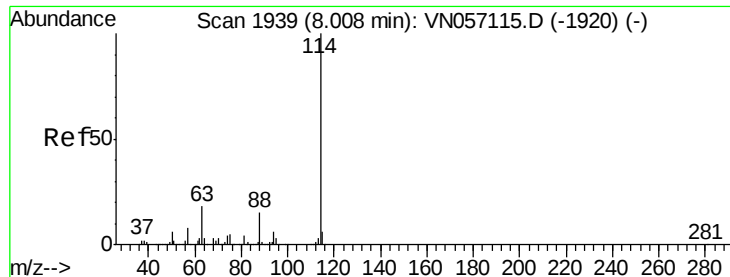
Tgt Ion:	84	Resp:	15677
Ion	Ratio	Lower	Upper
84	100		
49	96.5	89.5	134.3
51	25.2	27.2	40.8#
86	61.9	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 44.853 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057183.D
Acq: 11 Aug 2019 13:26

Tgt Ion:	65	Resp:	640506
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J-(0)

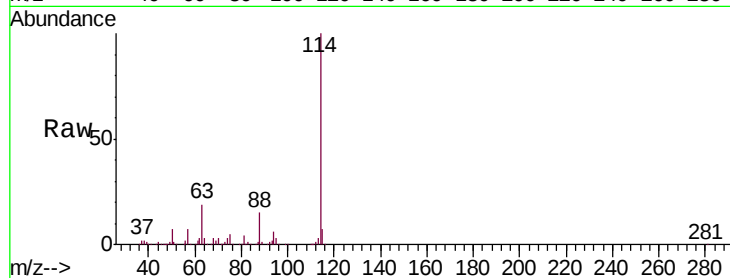
Tgt Ion:114 Resp: 1953769

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.2

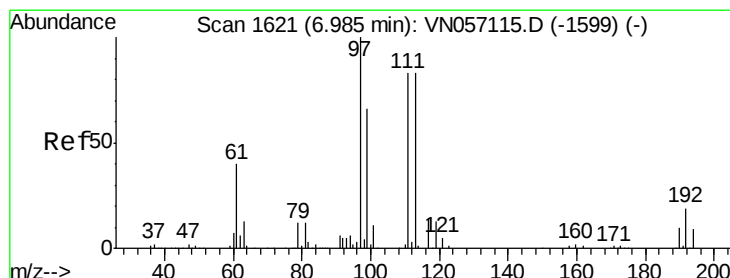
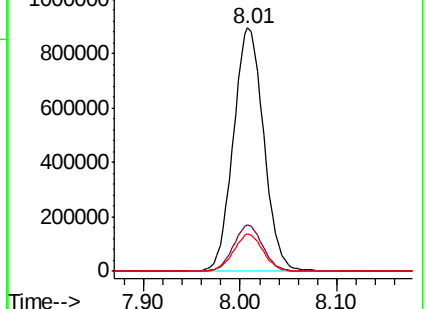
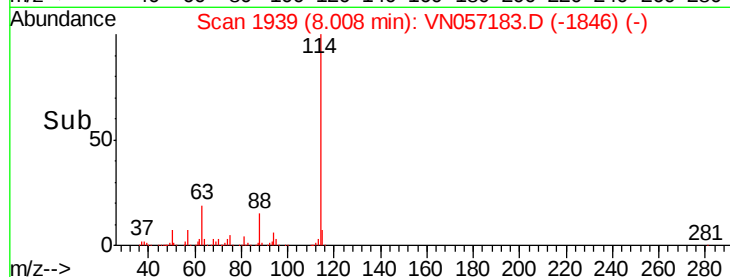
88 15.3 0.0 30.0



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: 48.010 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

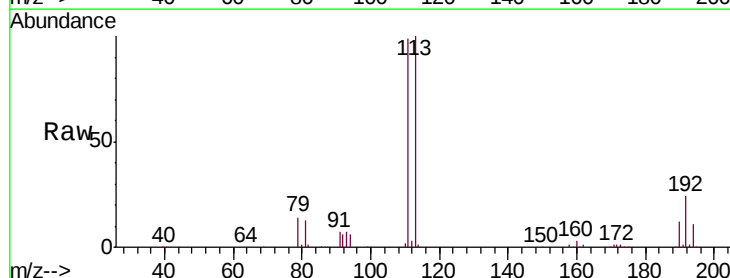
Tgt Ion:113 Resp: 588611

Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

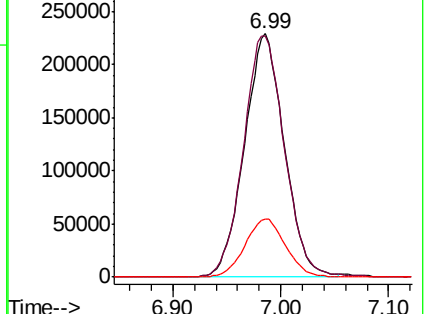
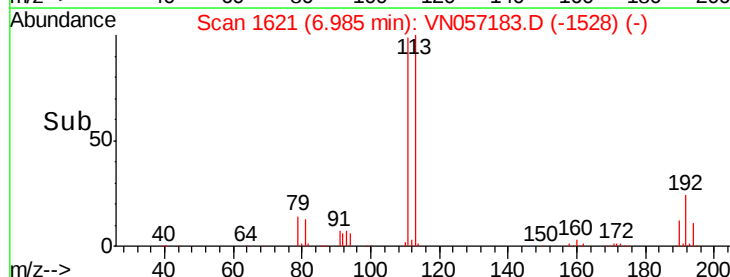
192 24.3 19.0 28.4

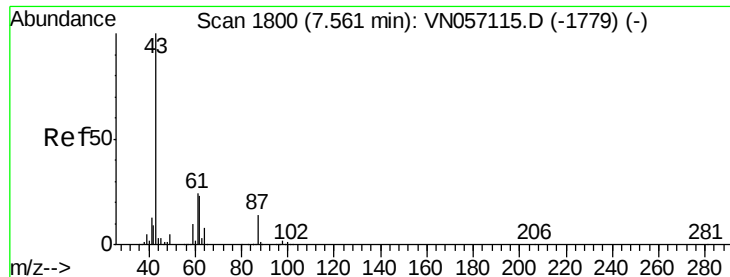


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.783 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J-(0)

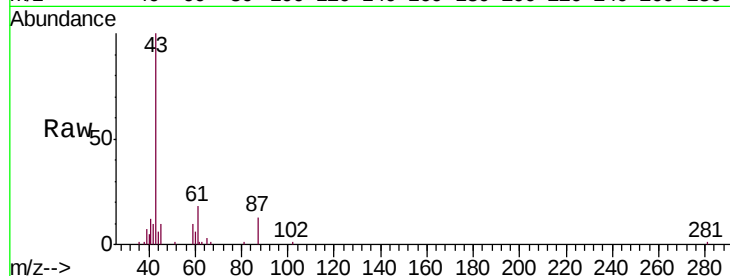
Tgt Ion: 43 Resp: 62989

Ion Ratio Lower Upper

43 100

61 16.8 24.2 36.2#

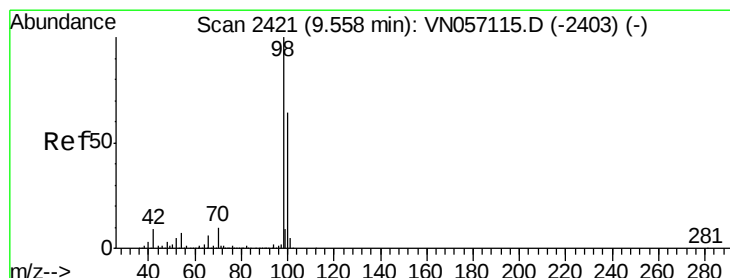
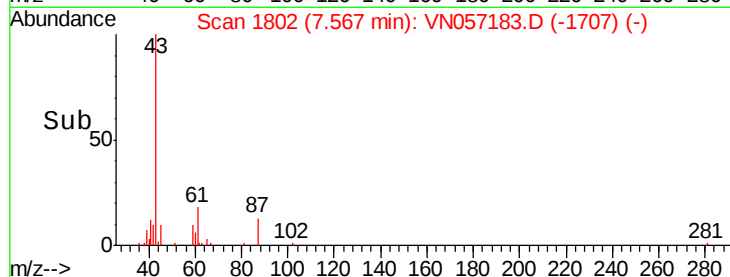
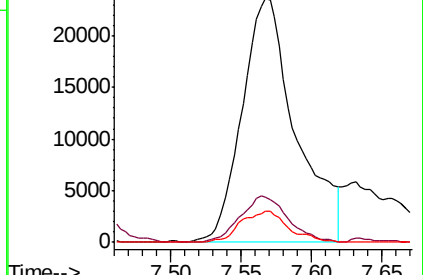
87 11.4 11.8 17.8#



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: 48.371 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057183.D

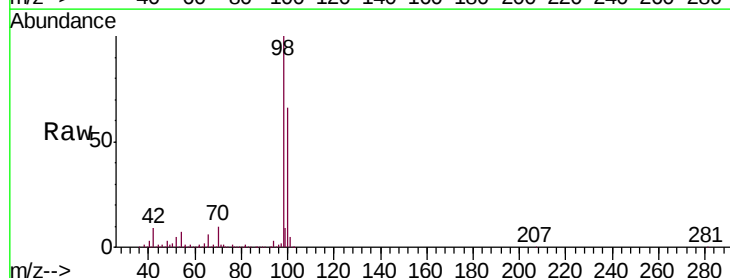
Acq: 11 Aug 2019 13:26

Tgt Ion: 98 Resp: 2268880

Ion Ratio Lower Upper

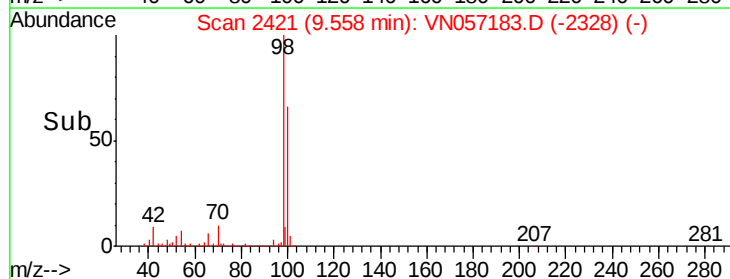
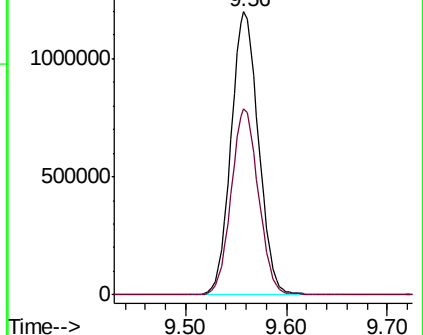
98 100

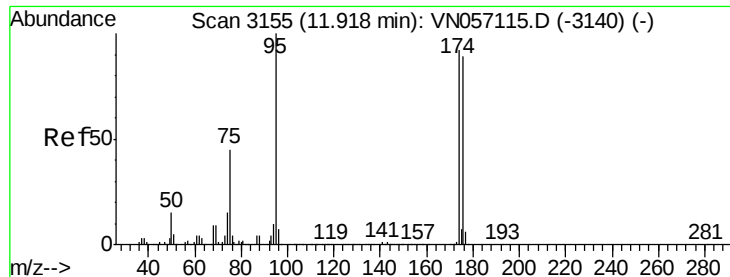
100 65.2 51.2 76.8



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: 40.371 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J-(0)

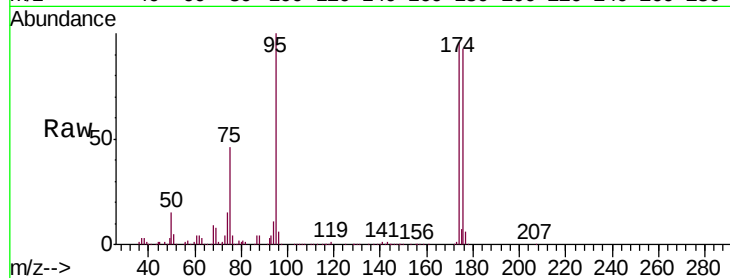
Tgt Ion: 95 Resp: 610145

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.0

176 92.9 0.0 181.2



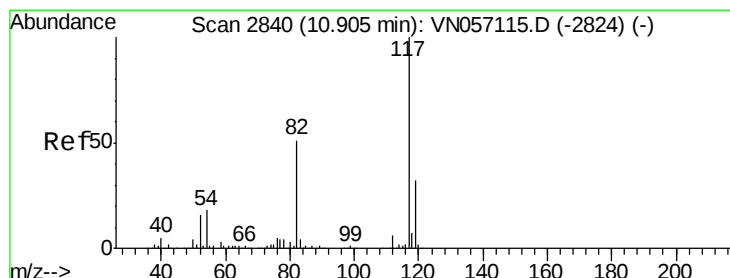
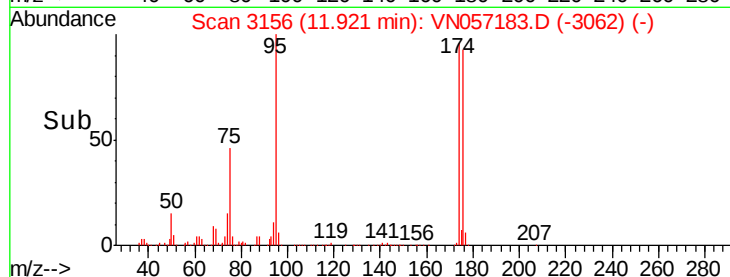
Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

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

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

11.92

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057183.D

Acq: 11 Aug 2019 13:26

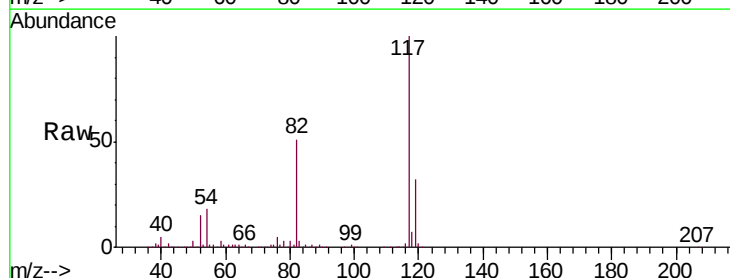
Tgt Ion: 117 Resp: 1642938

Ion Ratio Lower Upper

117 100

82 51.4 40.8 61.2

119 32.5 25.7 38.5



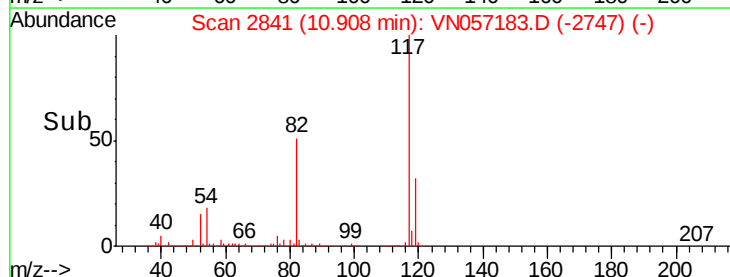
Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

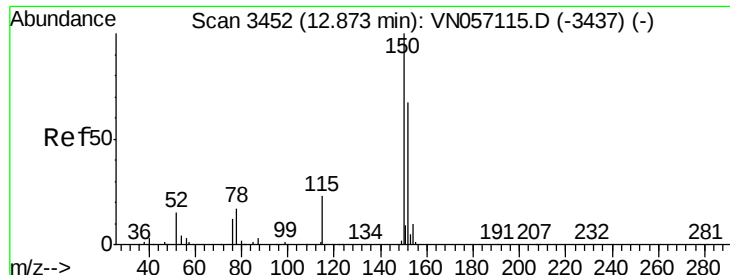
Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

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

10.91

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: VN057183.D

Acq: 11 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

1S-J(0)

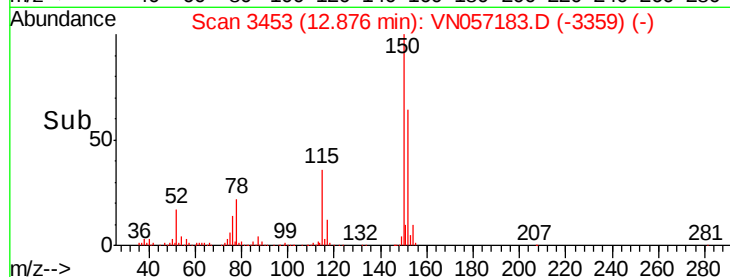
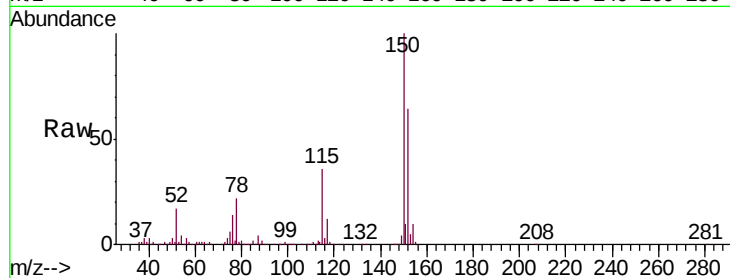
Tgt Ion:152 Resp: 429834

Ion Ratio Lower Upper

152 100

115 56.4 27.5 82.5

150 158.6 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

