

Data File : VN057182.D
Acq On : 11 Aug 2019 13:02
Operator : JC/SP
Sample : K4227-23
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-I(1)

Quant Time: Aug 12 06:42:48 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

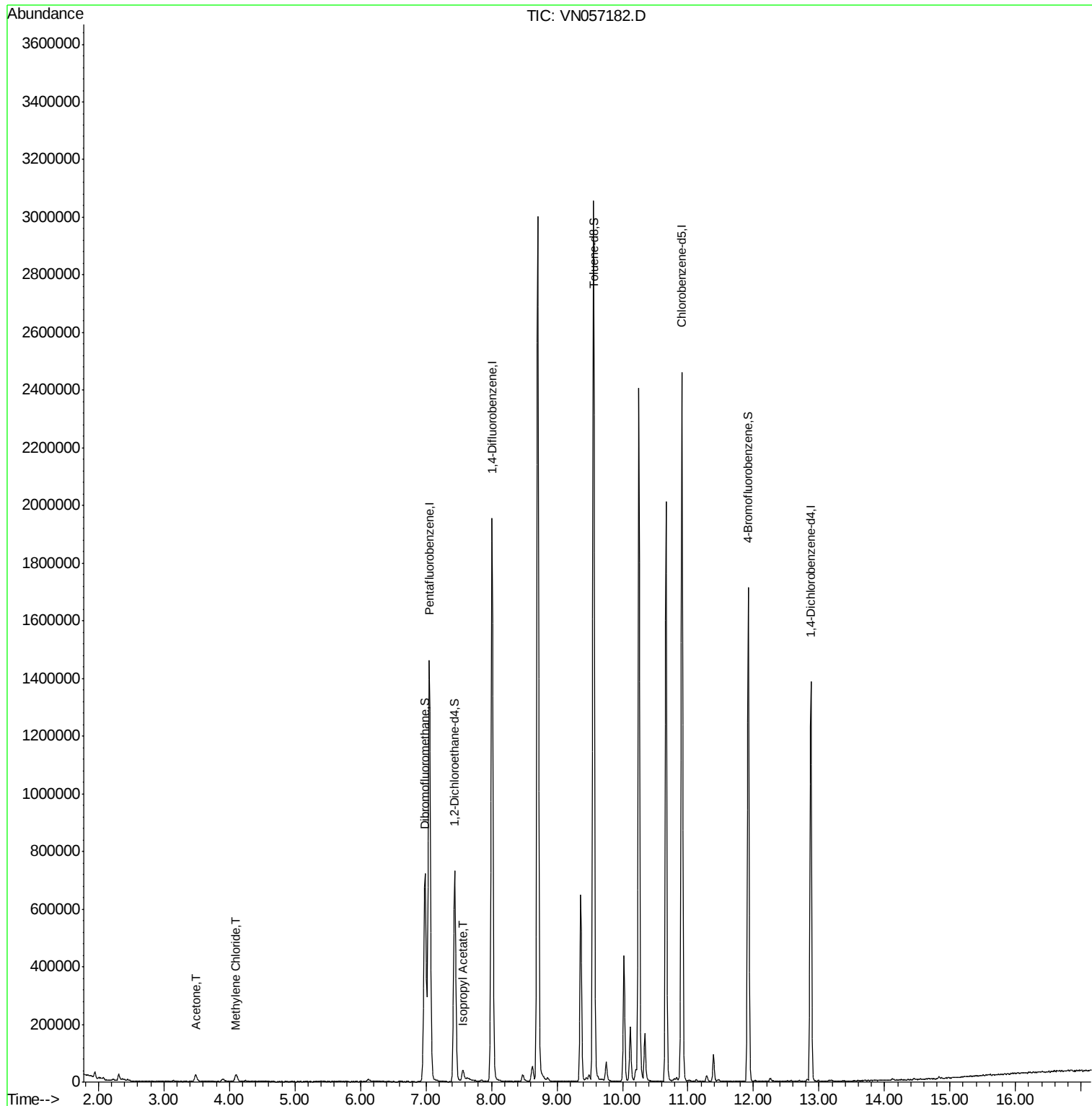
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1396246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1949249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1596101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	416099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	641793	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	6.99	113	586694	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	9.56	98	2267218	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.92	95	605637	40.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.34%	
Target Compounds						
16) Acetone	3.48	43	31782	7.329	ug/l	89
20) Methylene Chloride	4.10	84	19124	1.336	ug/l	92
43) Isopropyl Acetate	7.56	43	47754	2.115	ug/l #	83

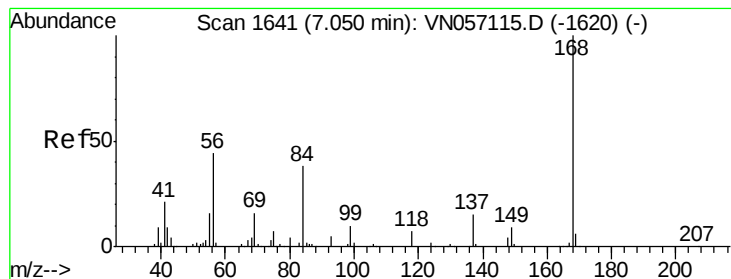
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1642

Delta R.T. 0.00 min

Lab File: VN057182.D

Acq: 11 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

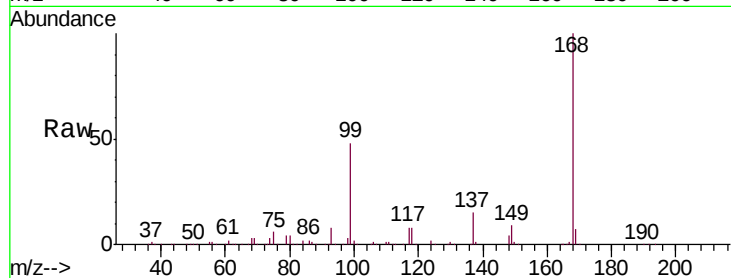
1S-I(1)

Tgt Ion:168 Resp: 1396246

Ion Ratio Lower Upper

168 100

99 47.9 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.05

600000

500000

400000

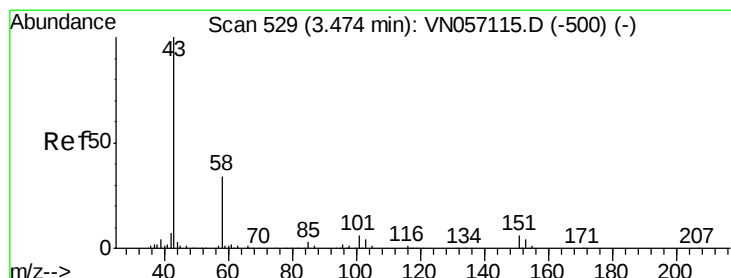
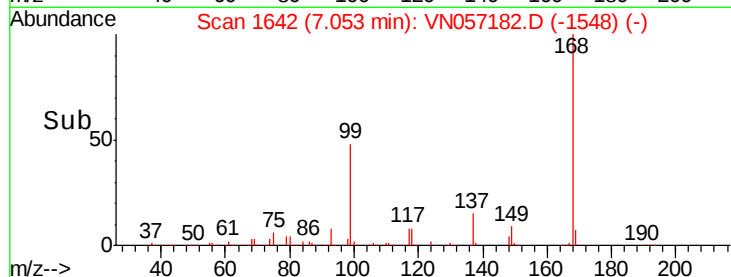
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#16

Acetone

Concen: 7.329 ug/l

RT: 3.48 min Scan# 532

Delta R.T. 0.01 min

Lab File: VN057182.D

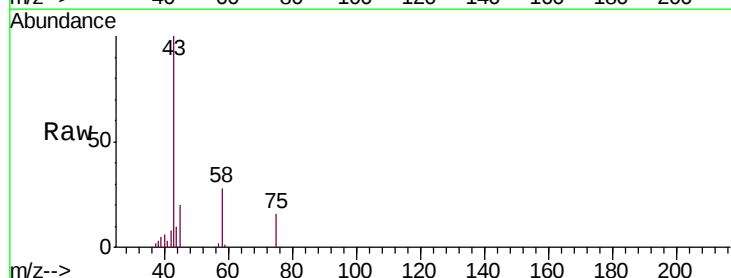
Acq: 11 Aug 2019 13:02

Tgt Ion: 43 Resp: 31782

Ion Ratio Lower Upper

43 100

58 27.8 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

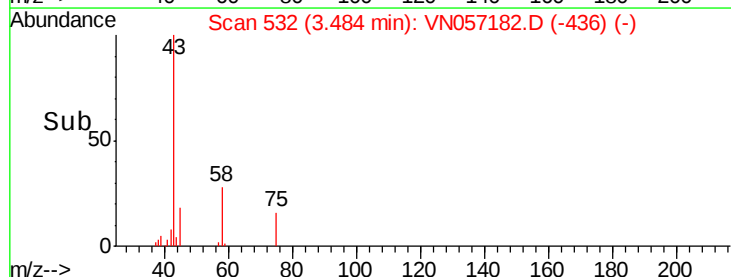
15000

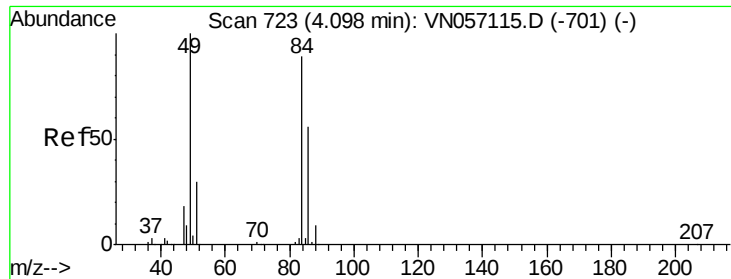
10000

5000

0

Time--> 3.40 3.45 3.50 3.55 3.60

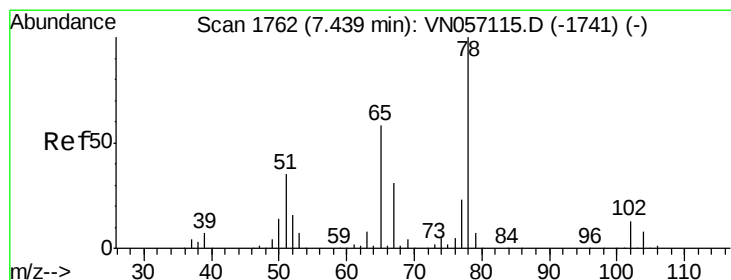
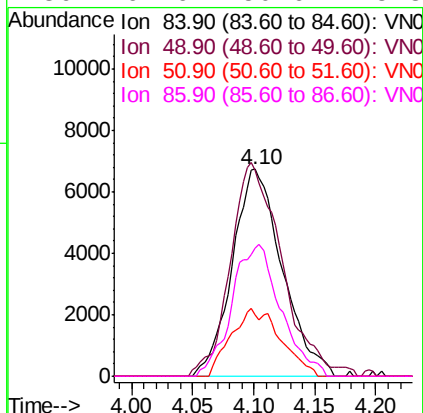
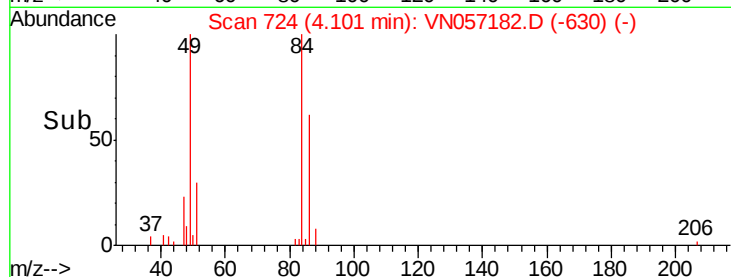
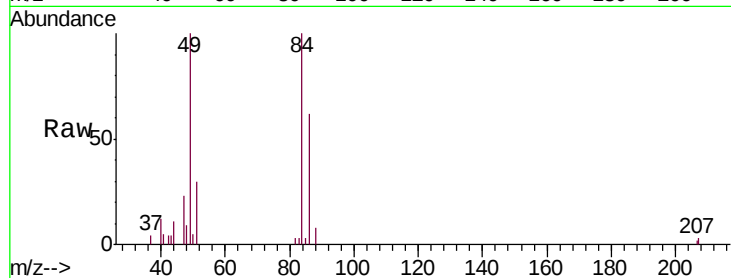




#20
Methylene Chloride
Concen: 1.336 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057182.D
Acq: 11 Aug 2019 13:02

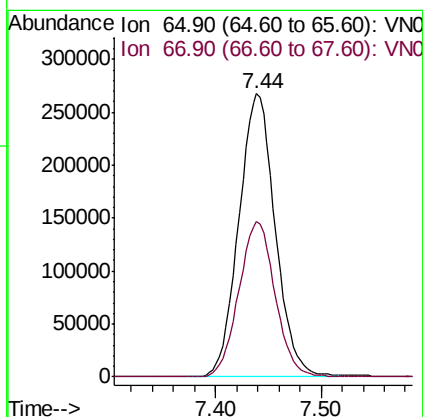
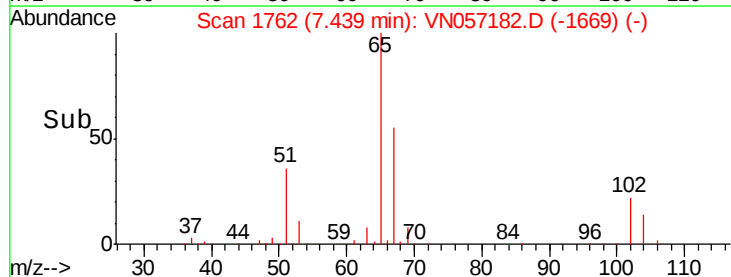
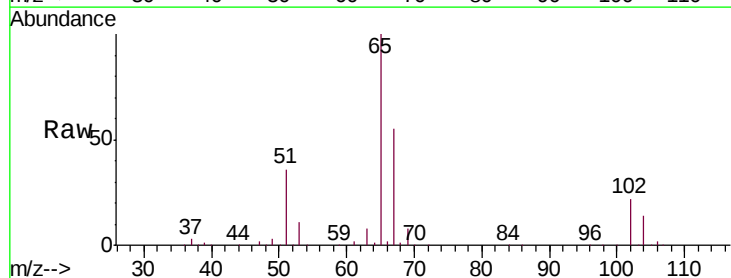
Instrument :
MSVOA_N
ClientSampled :
1S-I(1)

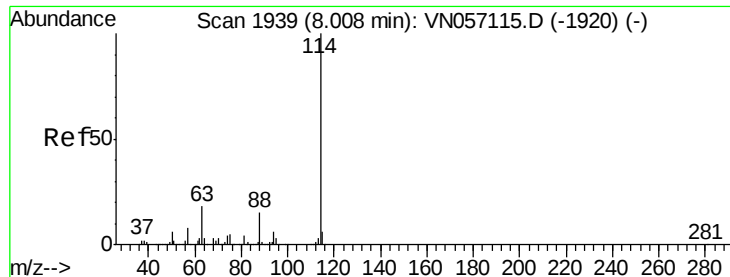
Tgt Ion:	84	Resp:	19124
Ion	Ratio	Lower	Upper
84	100		
49	99.6	89.5	134.3
51	29.6	27.2	40.8
86	61.6	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 44.695 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VN057182.D
Acq: 11 Aug 2019 13:02

Tgt Ion:	65	Resp:	641793
Ion	Ratio	Lower	Upper
65	100		
67	54.7	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: VN057182.D

Acq: 11 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

1S-I(1)

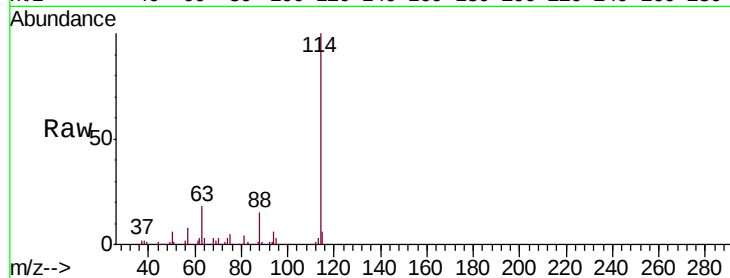
Tgt Ion:114 Resp: 1949249

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

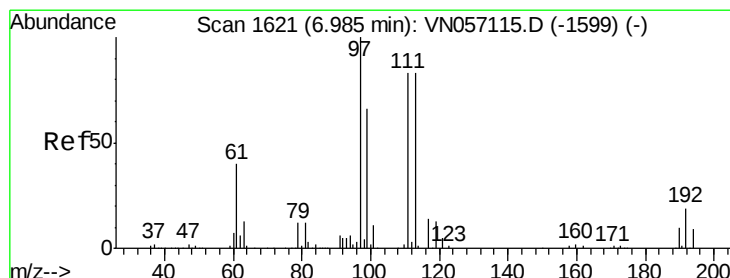
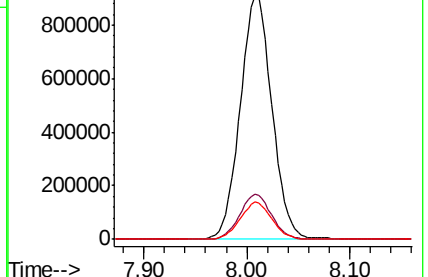
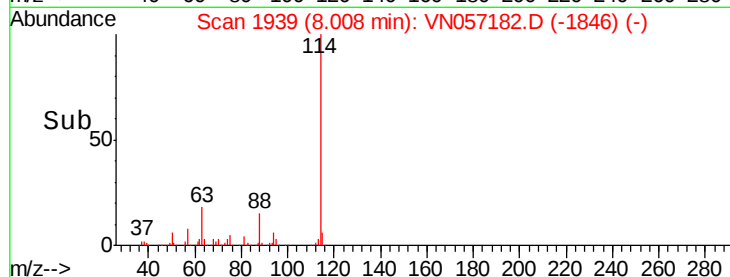
88 15.2 0.0 30.0



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: 47.965 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VN057182.D

Acq: 11 Aug 2019 13:02

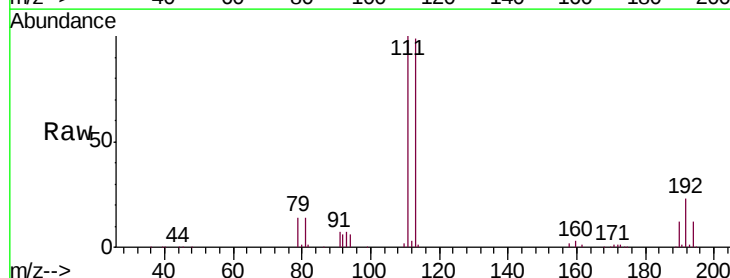
Tgt Ion:113 Resp: 586694

Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

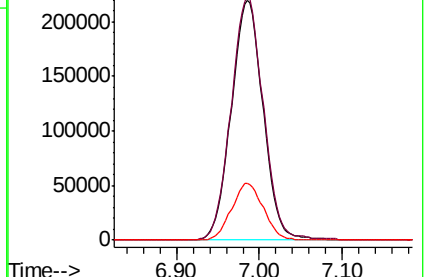
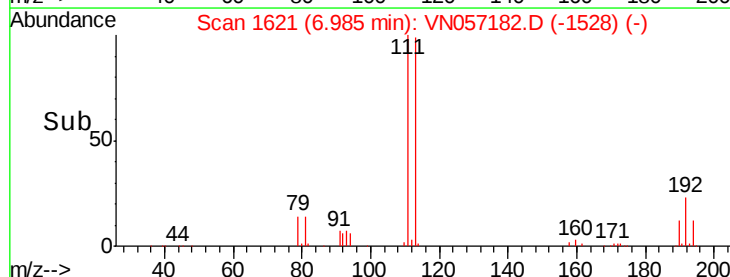
192 23.7 19.0 28.4

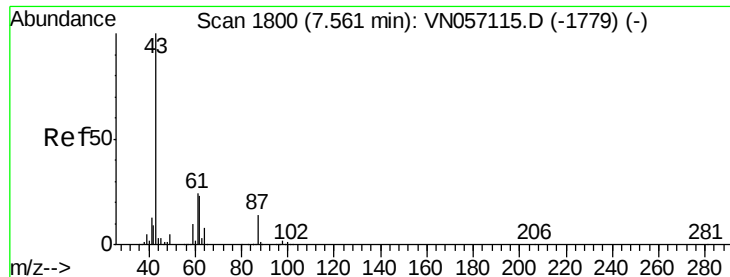


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.115 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057182.D

Acq: 11 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

1S-I(1)

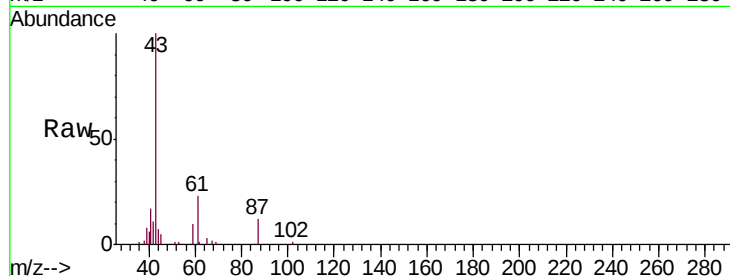
Tgt Ion: 43 Resp: 47754

Ion Ratio Lower Upper

43 100

61 22.5 24.2 36.2#

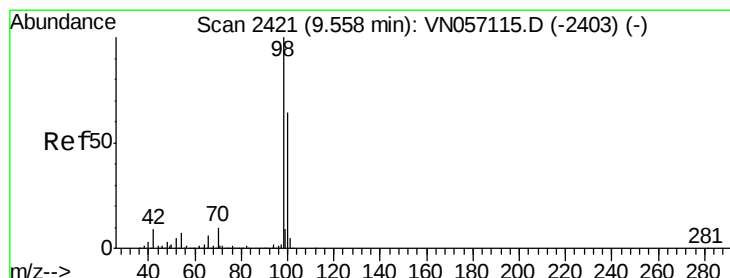
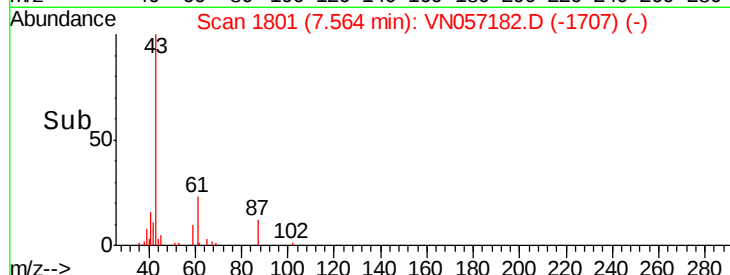
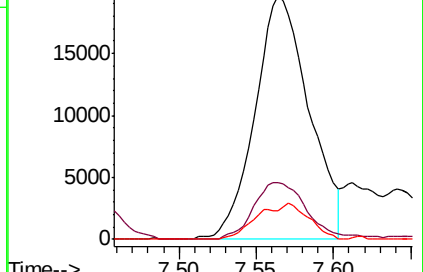
87 5.8 11.8 17.8#



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: 48.448 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. 0.00 min

Lab File: VN057182.D

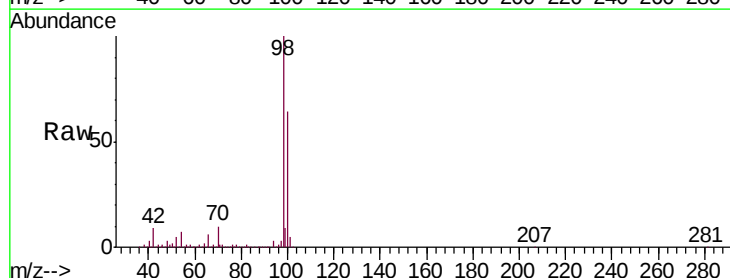
Acq: 11 Aug 2019 13:02

Tgt Ion: 98 Resp: 2267218

Ion Ratio Lower Upper

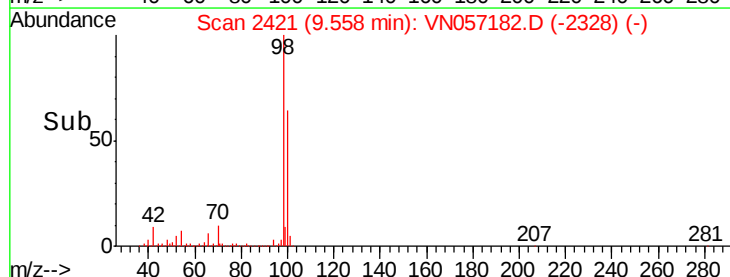
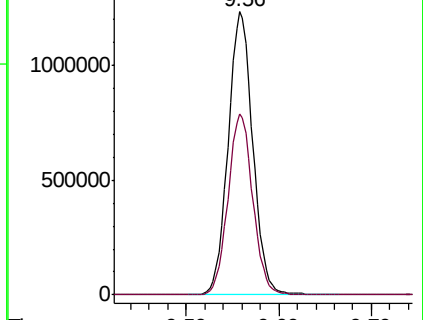
98 100

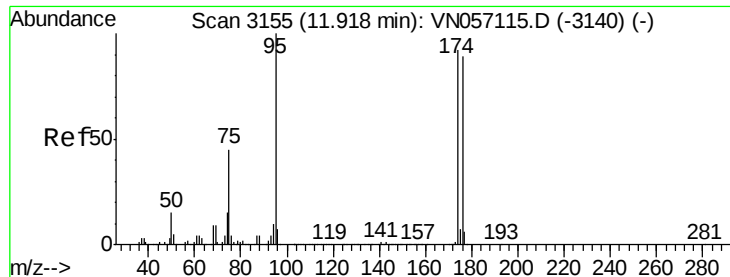
100 64.4 51.2 76.8



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: 40.166 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057182.D

Acq: 11 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

1S-I(1)

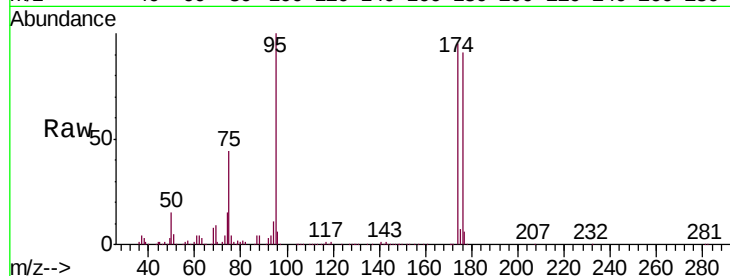
Tgt Ion: 95 Resp: 605637

Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.0

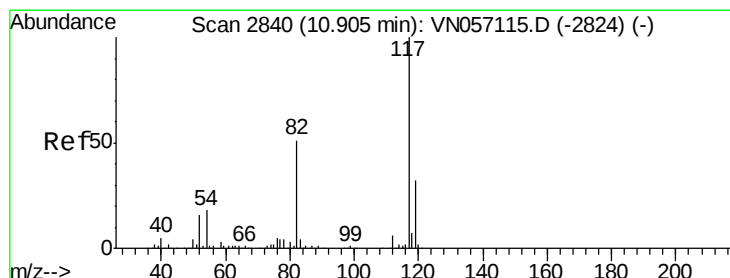
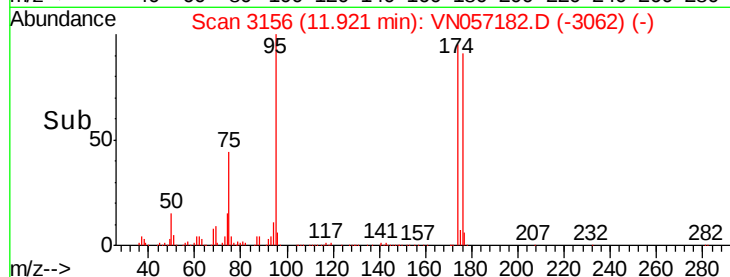
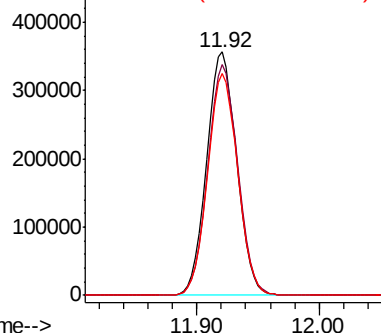
176 91.1 0.0 181.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057182.D

Acq: 11 Aug 2019 13:02

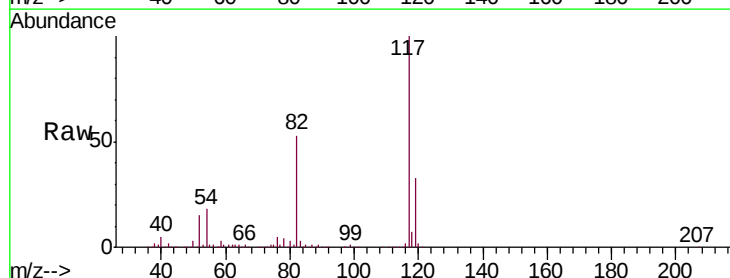
Tgt Ion: 117 Resp: 1596101

Ion Ratio Lower Upper

117 100

82 52.8 40.8 61.2

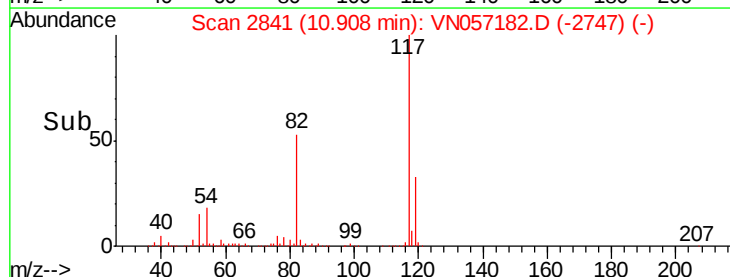
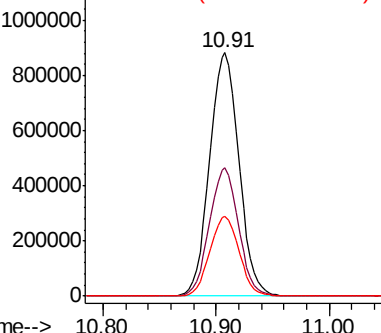
119 32.7 25.7 38.5

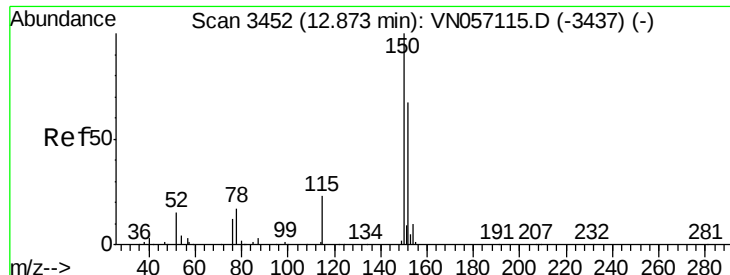


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057182.D

Acq: 11 Aug 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

1S-I(1)

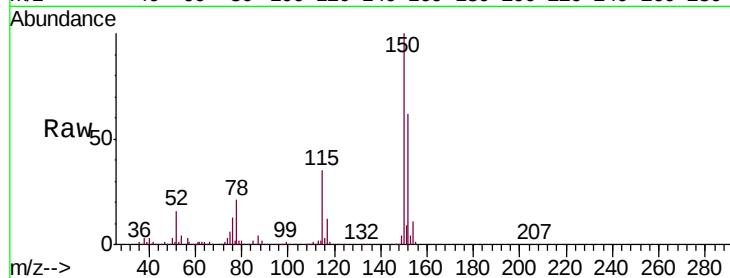
Tgt Ion:152 Resp: 416099

Ion Ratio Lower Upper

152 100

115 55.5 27.5 82.5

150 157.0 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

