

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080819\
 Data File : VN057124.D
 Acq On : 8 Aug 2019 11:56
 Operator : JC/SP
 Sample : PB122061TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122061TB

Quant Time: Aug 09 03:35:33 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

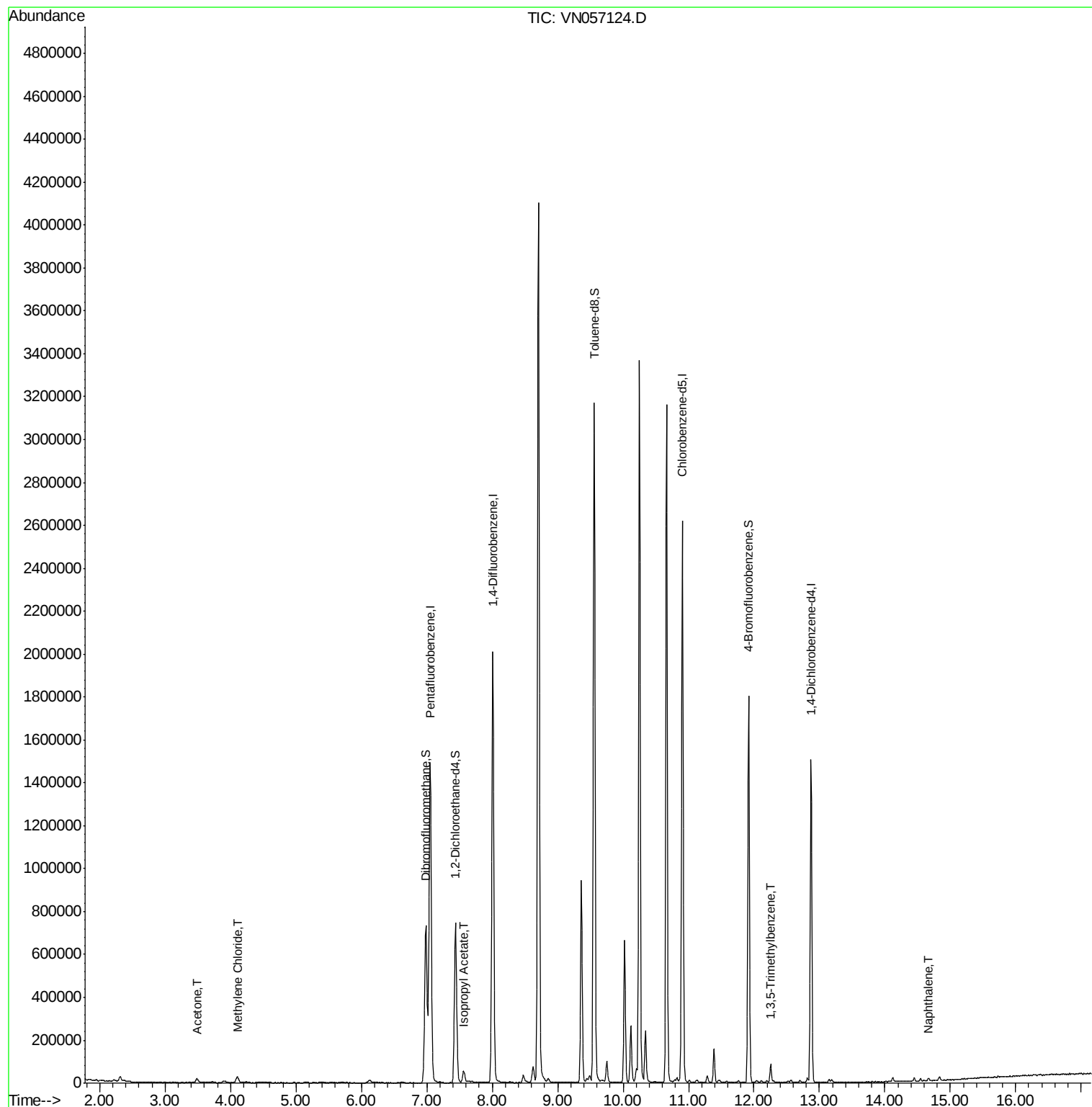
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1435537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2014524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1681211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	440213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	655686	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
35) Dibromofluoromethane	6.99	113	612239	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	9.56	98	2355412	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.92	95	641014	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
16) Acetone	3.48	43	27354	6.135	ug/l	93
20) Methylene Chloride	4.10	84	20351	1.383	ug/l	99
43) Isopropyl Acetate	7.56	43	66937	2.869	ug/l #	88
80) 1,3,5-Trimethylbenzene	12.26	105	47829	1.407	ug/l	99
95) Naphthalene	14.66	128	9958	3.679	ug/l #	92

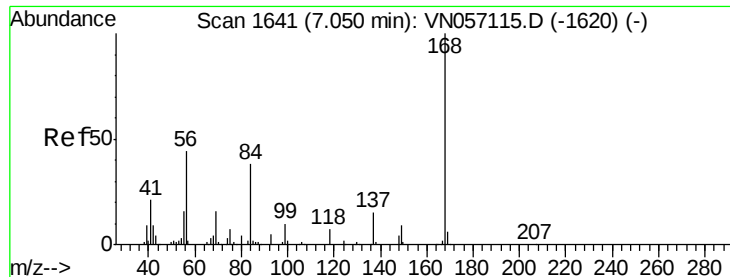
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

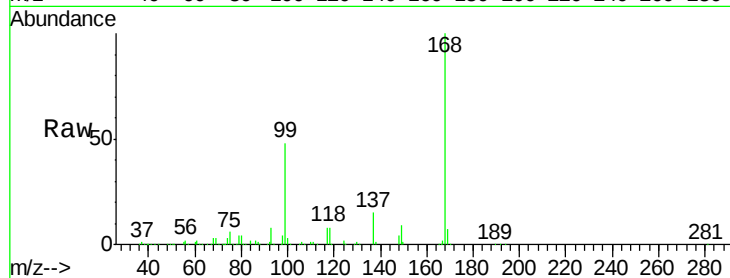
PB122061TB

Tot Ion:168 Resp: 143537

Ion Ratio Lower Upper

168 100

99 48.5 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

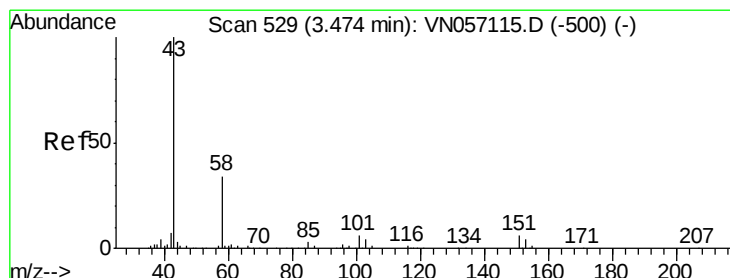
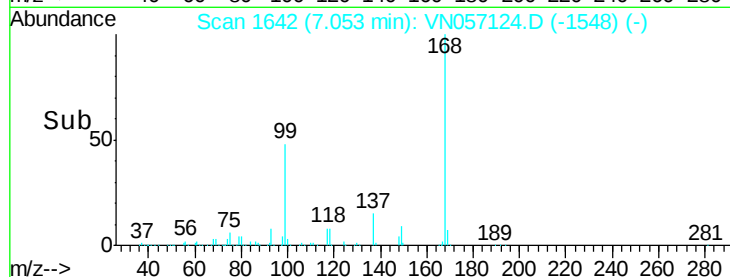
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#16

Acetone

Concen: 6.135 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057124.D

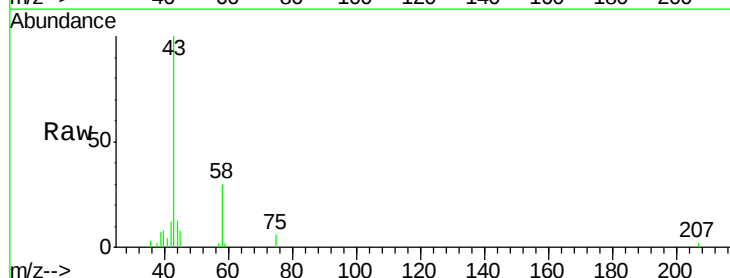
Acq: 8 Aug 2019 11:56

Tgt Ion: 43 Resp: 27354

Ion Ratio Lower Upper

43 100

58 30.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.48

12000

10000

8000

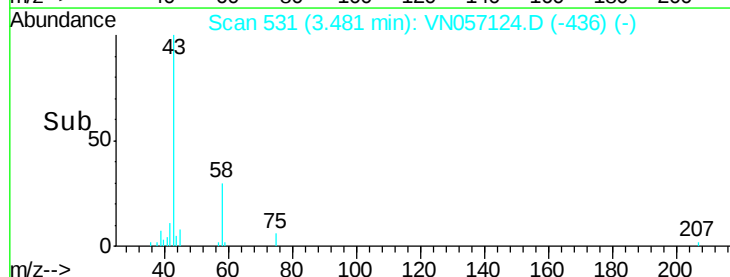
6000

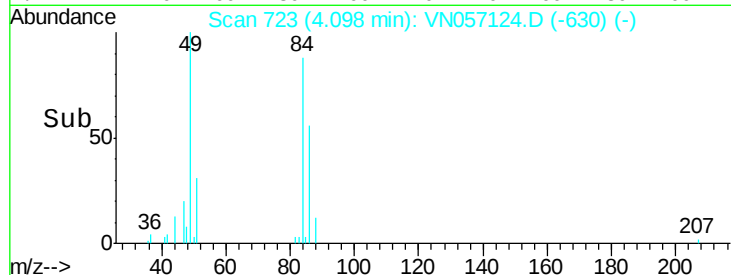
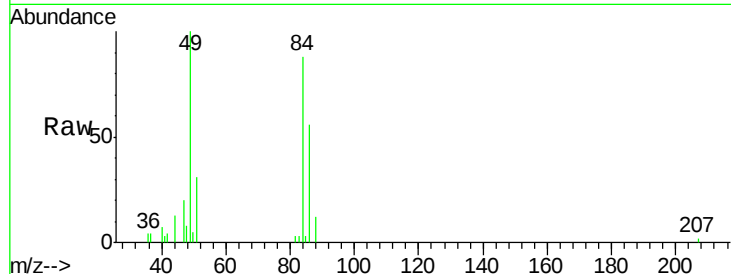
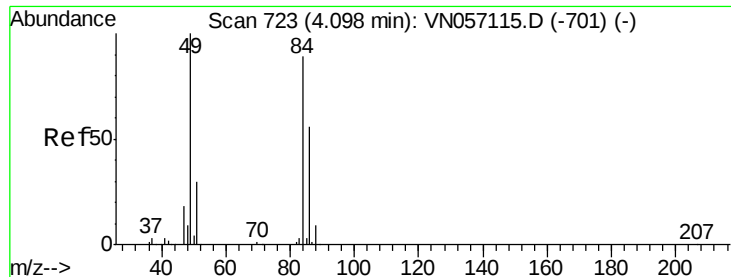
4000

2000

0

Time--> 3.40 3.45 3.50 3.55 3.60

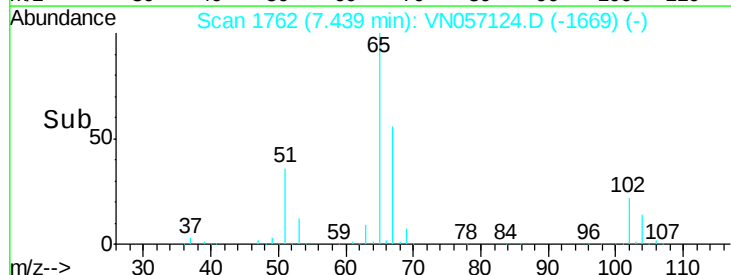
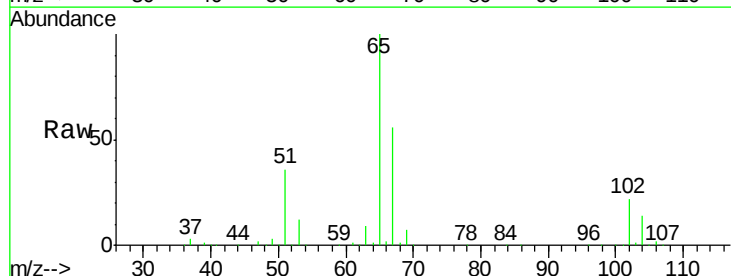
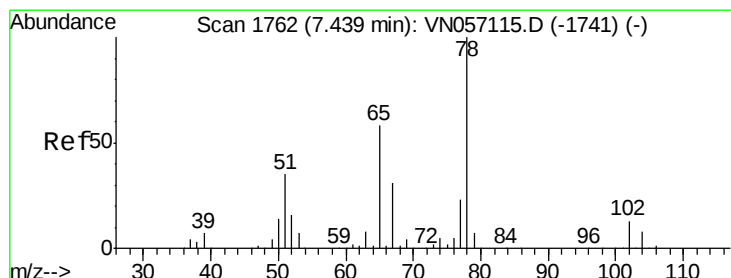
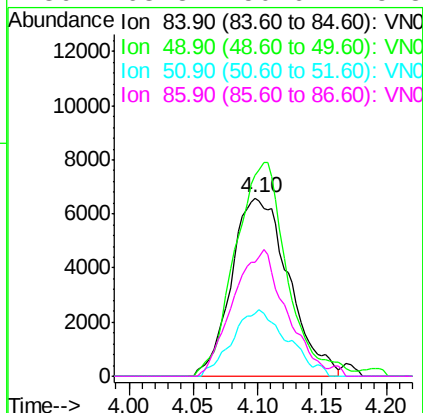




#20
Methvlene Chloride
Concen: 1.383 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

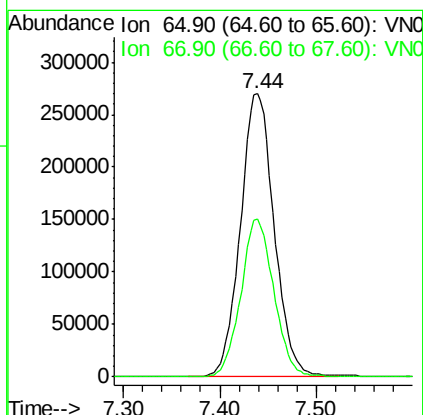
Instrument :
MSVOA_N
ClientSampleId :
PB122061TB

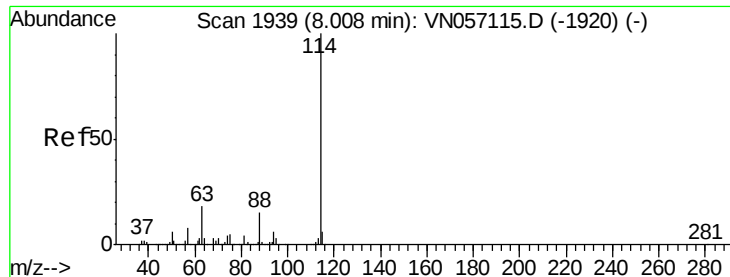
Tot Ion:	84	Resp:	20351
Ion	Ratio	Lower	Upper
84	100		
49	113.0	89.5	134.3
51	35.2	27.2	40.8
86	63.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 44.413 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Tgt Ion:	65	Resp:	655686
Ion	Ratio	Lower	Upper
65	100		
67	54.5	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: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

PB122061TB

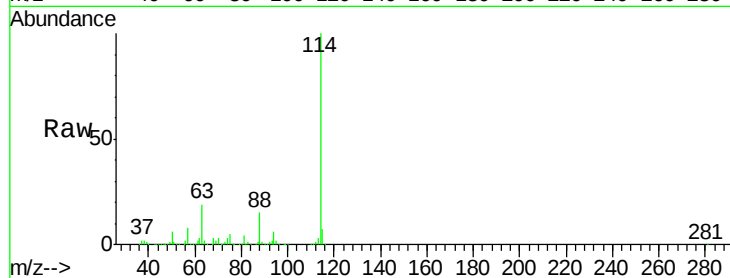
Tot Ion:114 Resp: 2014524

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.2

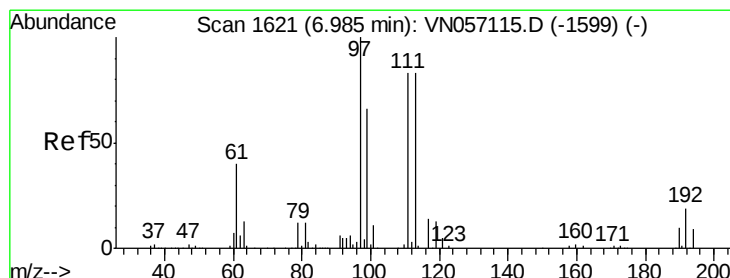
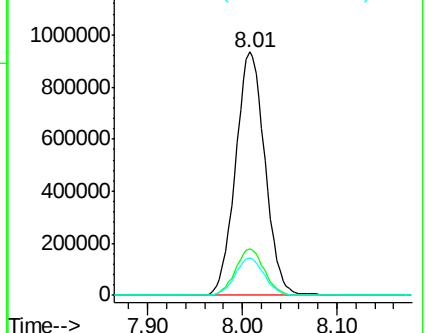
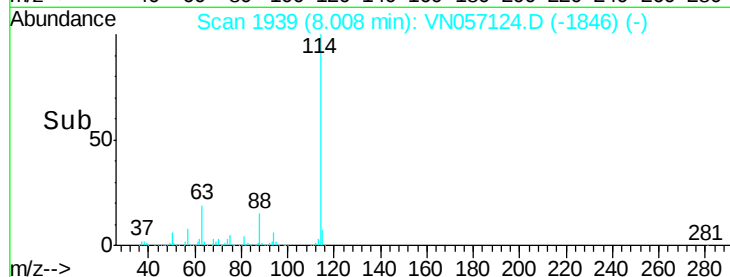
88 15.2 0.0 30.0



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: 48.431 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

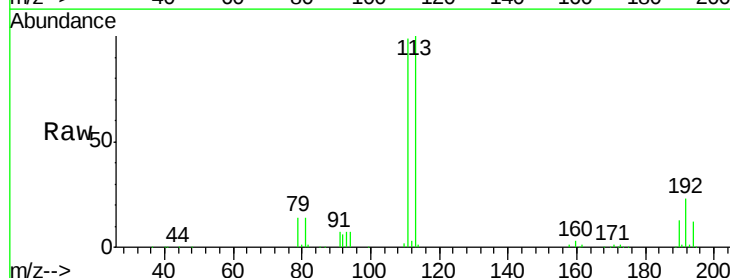
Tgt Ion:113 Resp: 612239

Ion Ratio Lower Upper

113 100

111 100.3 81.3 121.9

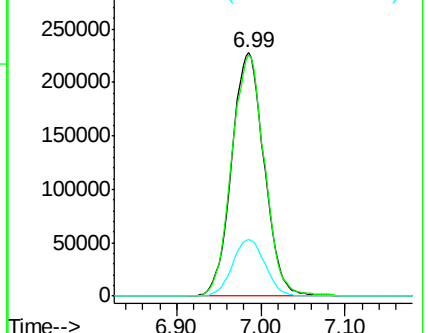
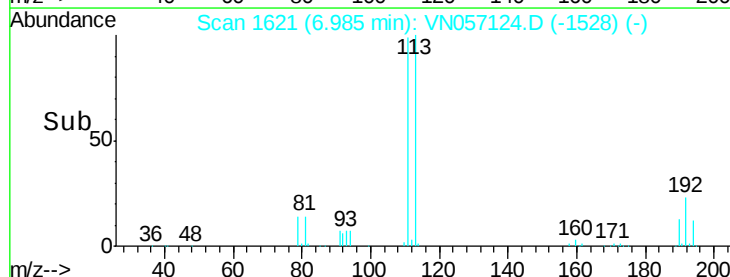
192 23.3 19.0 28.4

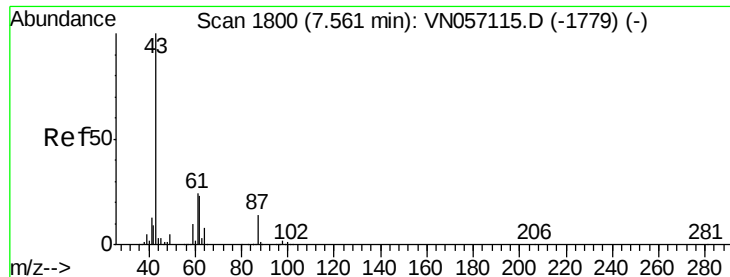


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.869 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

PB122061TB

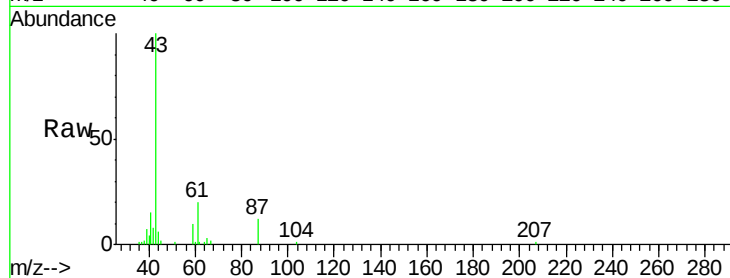
Tot Ion: 43 Resp: 66937

Ion Ratio Lower Upper

43 100

61 20.7 24.2 36.2#

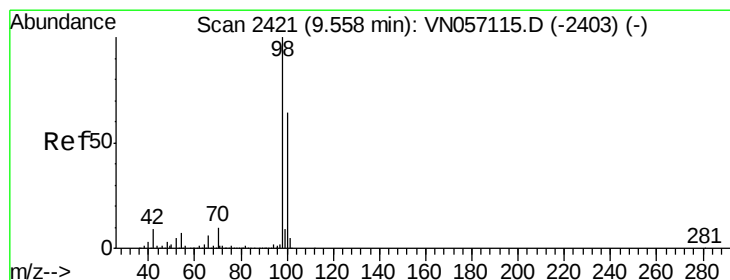
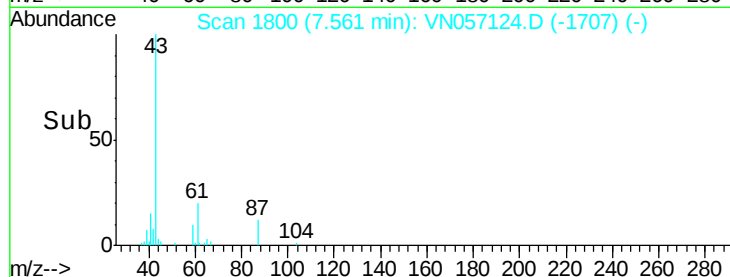
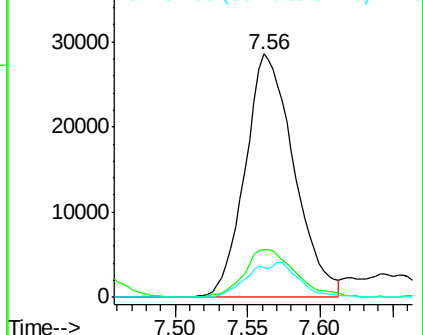
87 15.0 11.8 17.8



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: 48.702 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057124.D

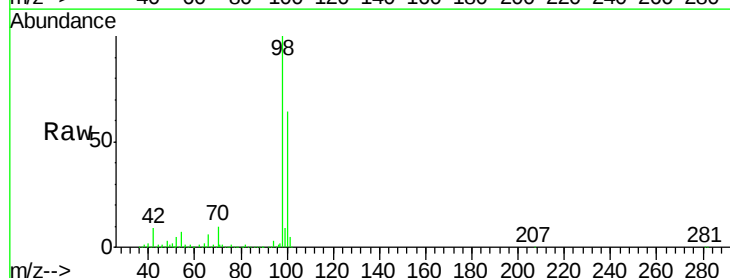
Acq: 8 Aug 2019 11:56

Tgt Ion: 98 Resp: 2355412

Ion Ratio Lower Upper

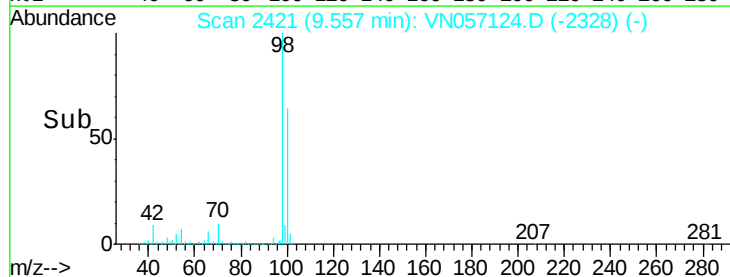
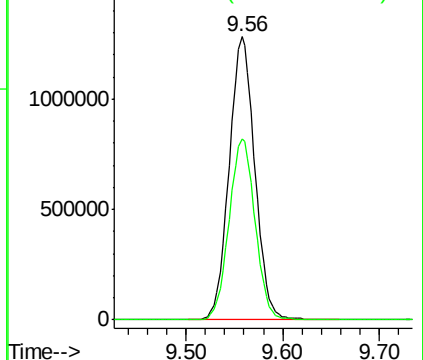
98 100

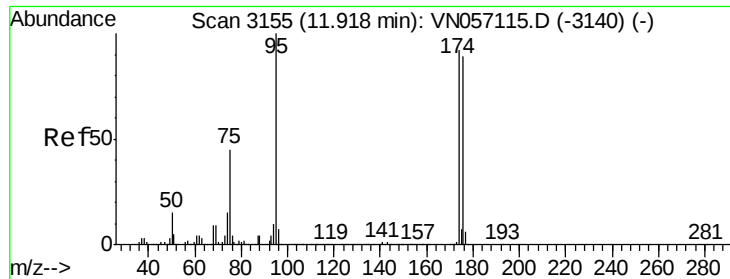
100 64.9 51.2 76.8



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: 41.135 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampleId :

PB122061TB

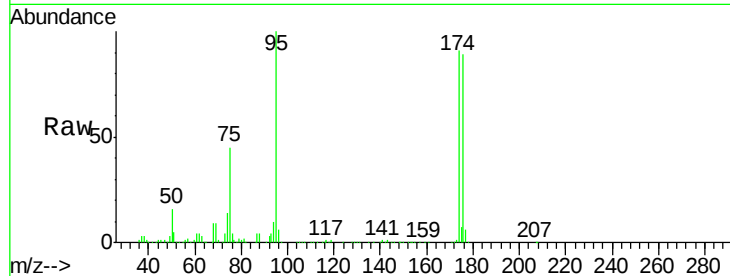
Tot Ion: 95 Resp: 641014

Ion Ratio Lower Upper

95 100

174 93.6 0.0 185.0

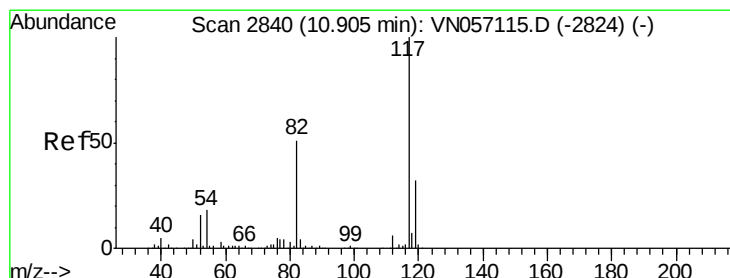
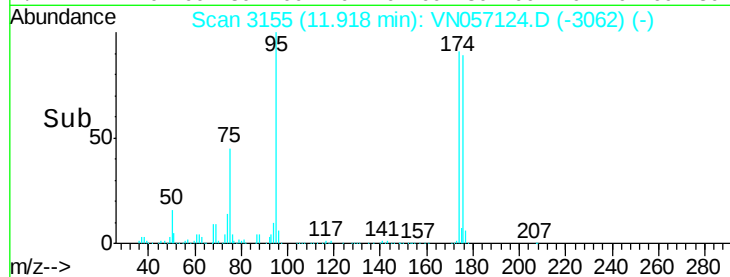
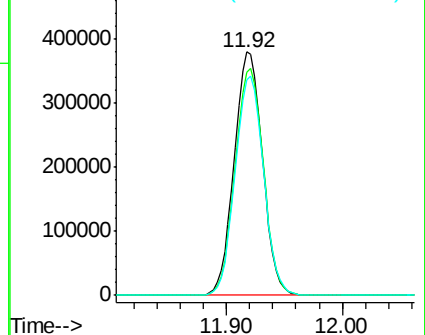
176 90.3 0.0 181.2



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: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

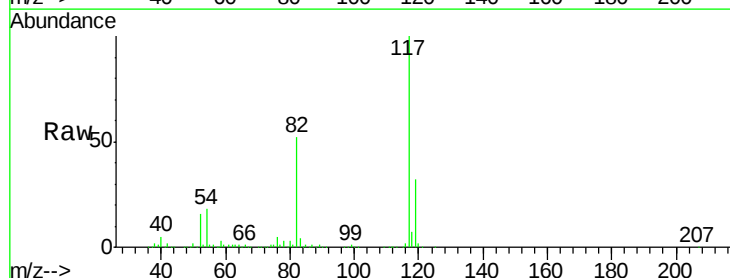
Tgt Ion: 117 Resp: 1681211

Ion Ratio Lower Upper

117 100

82 51.8 40.8 61.2

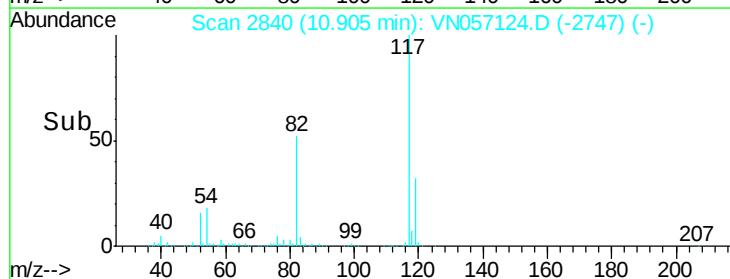
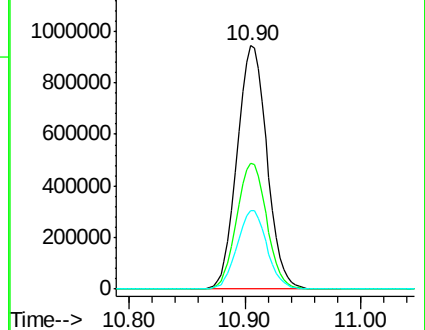
119 32.4 25.7 38.5

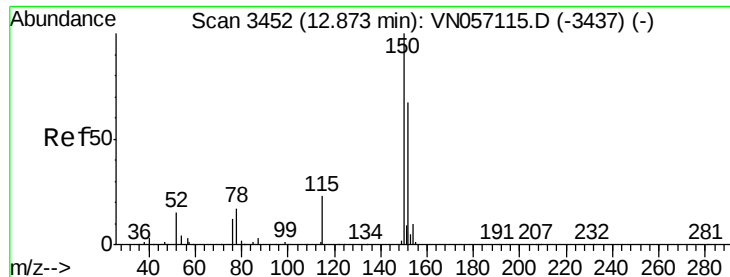


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057124.D

Acq: 8 Aug 2019 11:56

Instrument :

MSVOA_N

ClientSampled :

PB122061TB

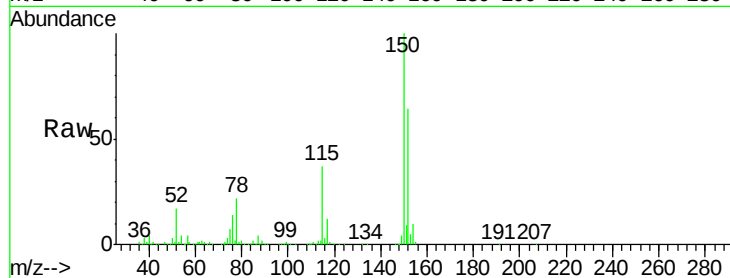
Tot Ion:152 Resp: 440213

Ion Ratio Lower Upper

152 100

115 56.9 27.5 82.5

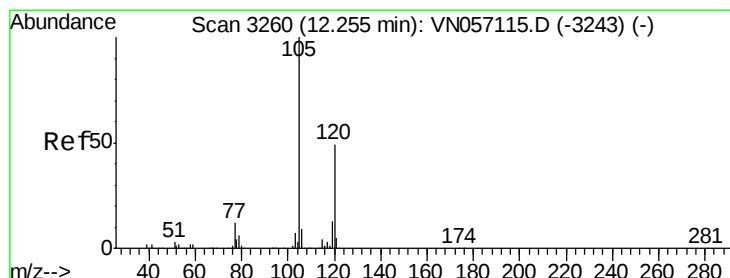
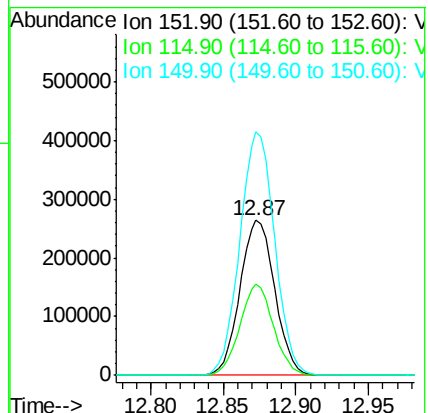
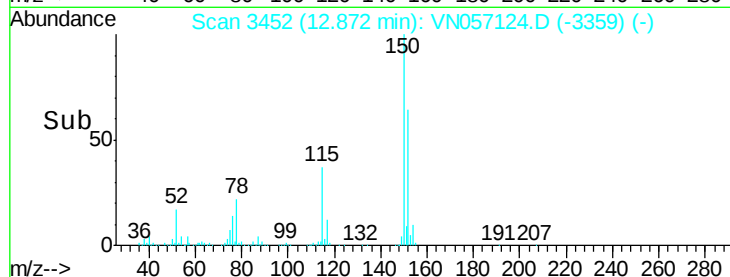
150 157.5 0.0 341.6



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



#80

1,3,5-Trimethylbenzene

Concen: 1.407 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN057124.D

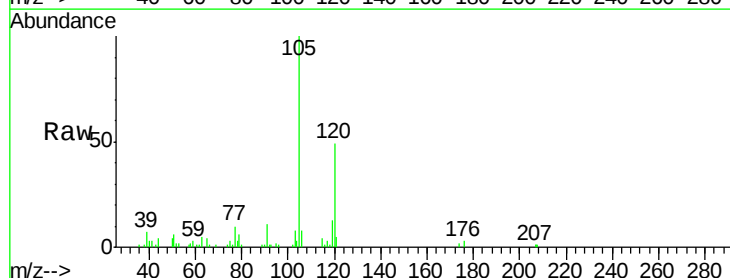
Acq: 8 Aug 2019 11:56

Tgt Ion:105 Resp: 47829

Ion Ratio Lower Upper

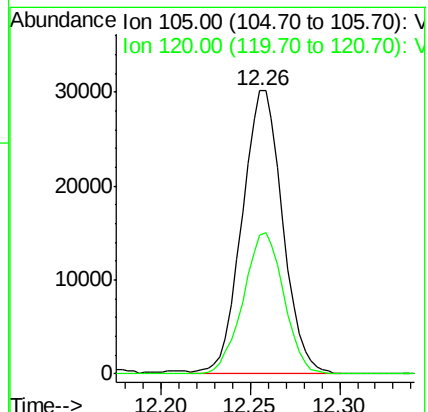
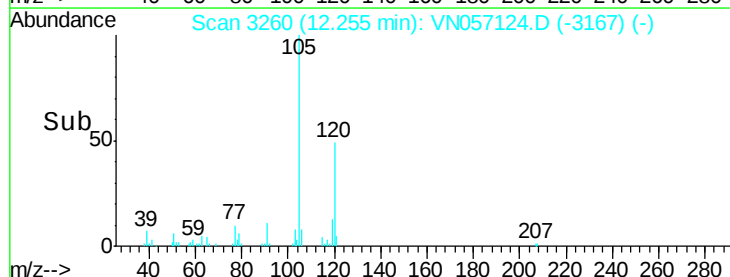
105 100

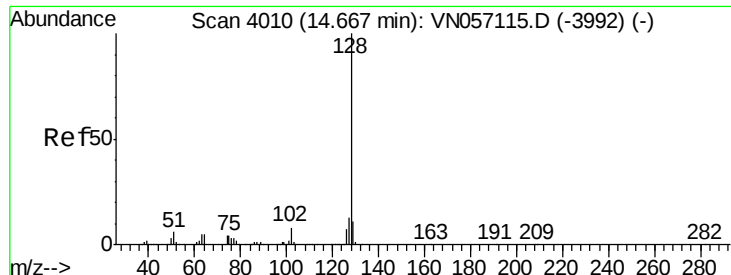
120 49.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 3.679 ug/l
RT: 14.66 min Scan# 4009
Delta R.T. -0.00 min
Lab File: VN057124.D
Acq: 8 Aug 2019 11:56

Instrument :
MSVOA_N
ClientSampleId :
PB122061TB

Tot Ion:128 Resp: 9958
Ion Ratio Lower Upper
128 100
127 7.9 10.3 15.5#
129 12.3 8.8 13.2

