

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056568.D
 Acq On : 1 Jul 2019 13:37
 Operator : JC/SP
 Sample : K3158-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-062819

Quant Time: Jul 02 01:42:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

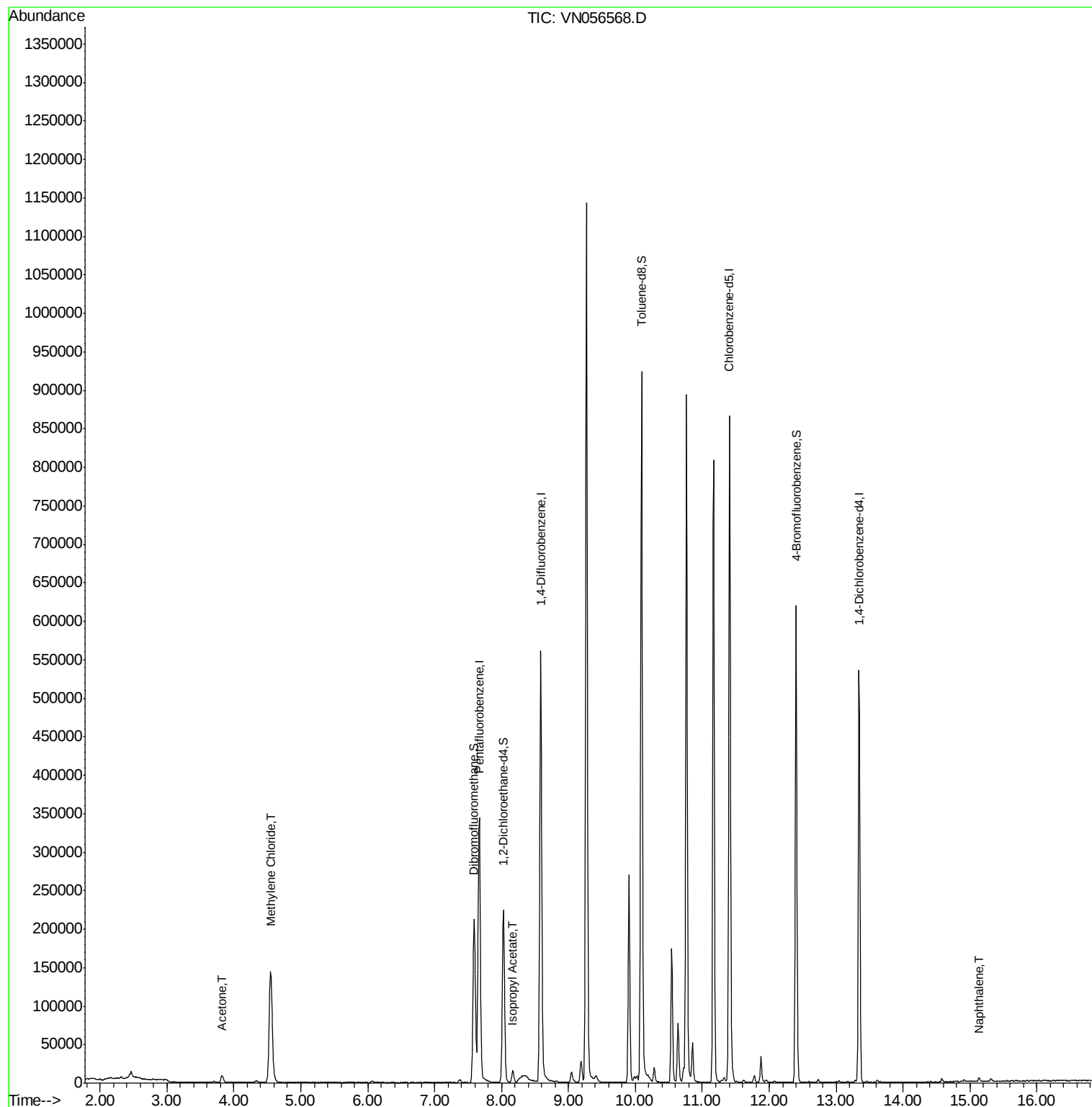
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	310135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	549792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	187900	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	7.59	113	165258	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	697954	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.40	95	219608	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
Target Compounds						
16) Acetone	3.82	43	16642	9.664	ug/l	98
20) Methylene Chloride	4.55	84	119499	36.570	ug/l	98
43) Isopropyl Acetate	8.17	43	18748	2.557	ug/l #	91
95) Naphthalene	15.13	128	4755	5.840	ug/l #	92

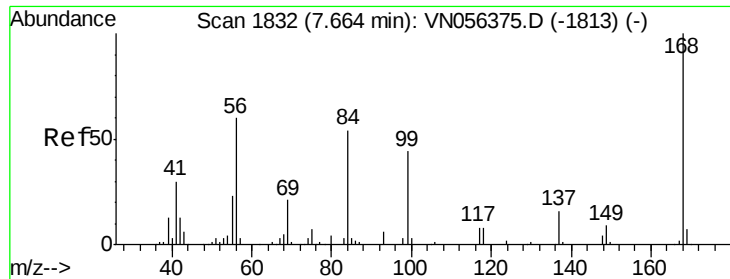
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
Data File : VN056568.D
Acq On : 1 Jul 2019 13:37
Operator : JC/SP
Sample : K3158-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-01-062819

Quant Time: Jul 02 01:42:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

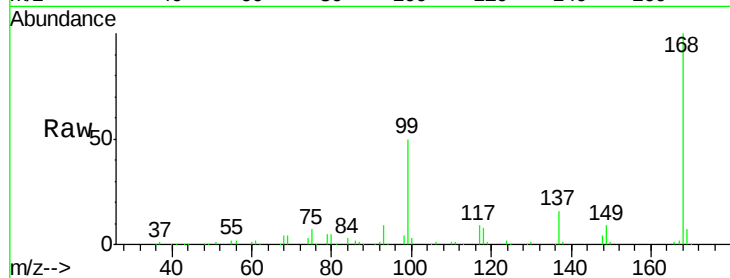
OK-01-062819

Tot Ion:168 Resp: 310135

Ion Ratio Lower Upper

168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

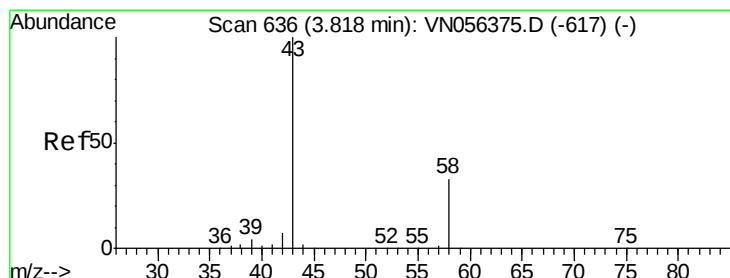
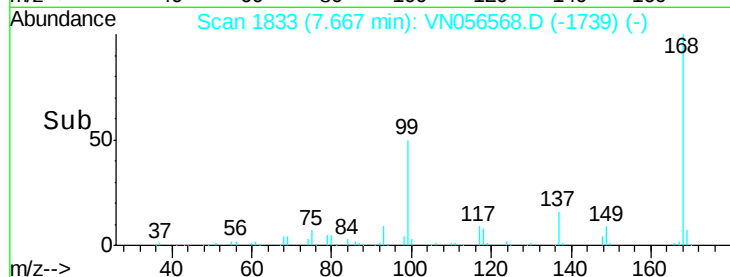
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.664 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056568.D

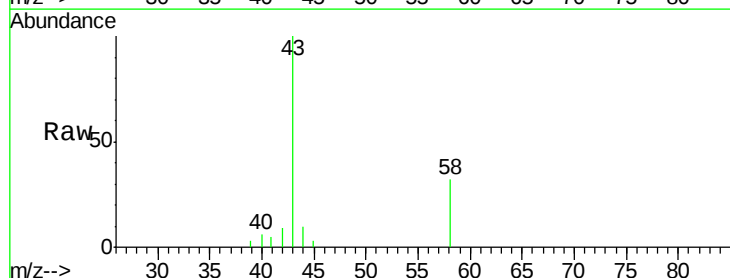
Acq: 1 Jul 2019 13:37

Tgt Ion: 43 Resp: 16642

Ion Ratio Lower Upper

43 100

58 31.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

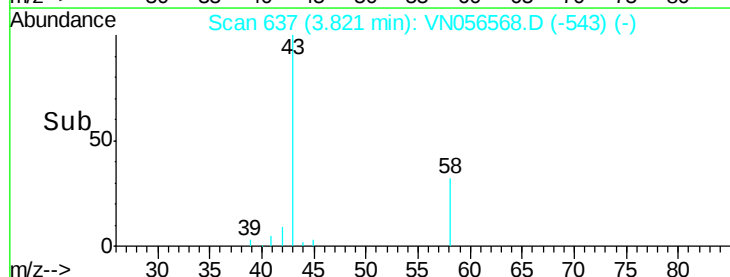
6000

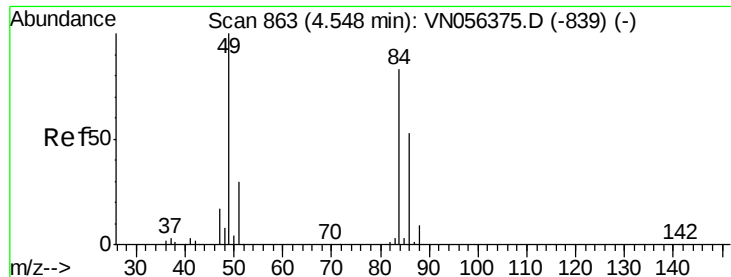
4000

2000

0

Time-->



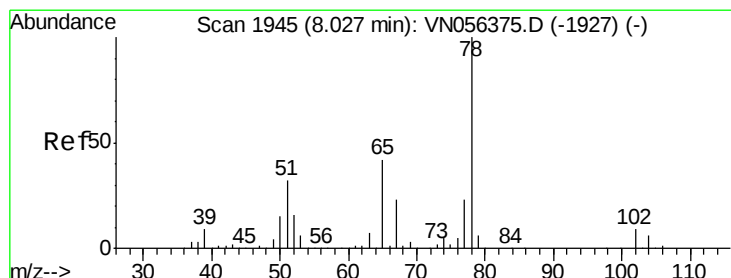
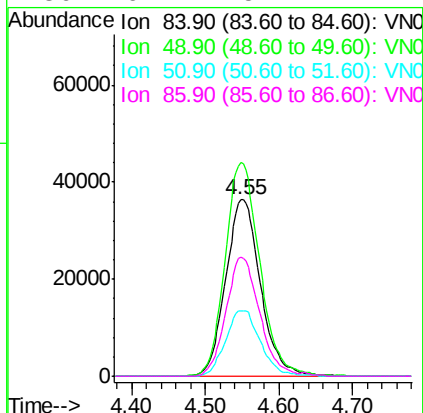
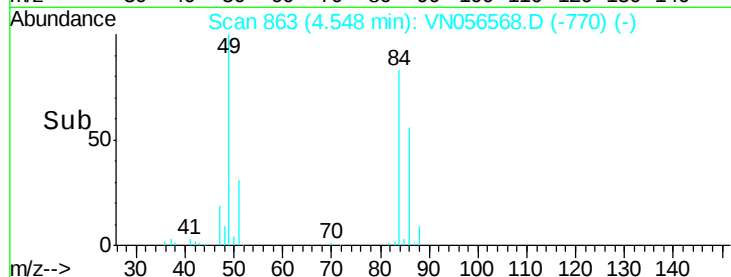
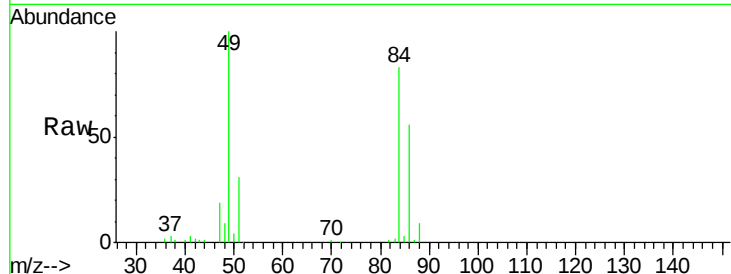


#20
Methylene Chloride
Concen: 36.570 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

Instrument :
MSVOA_N
ClientSampleId :
OK-01-062819

Tot Ion: 84 Resp: 119499

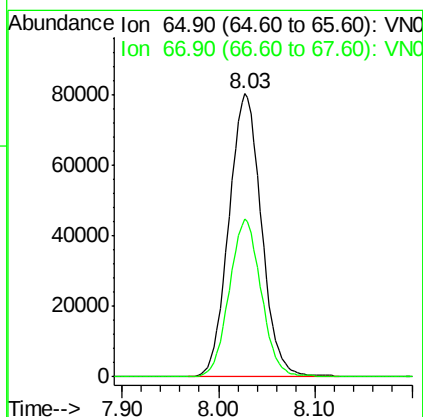
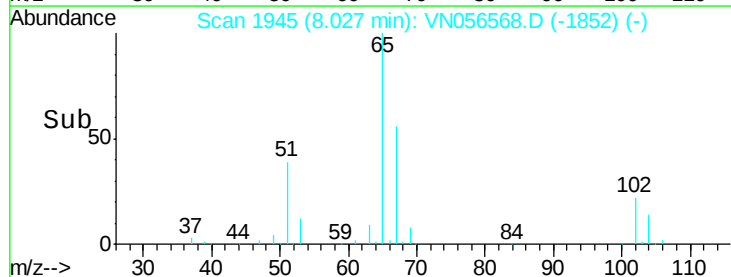
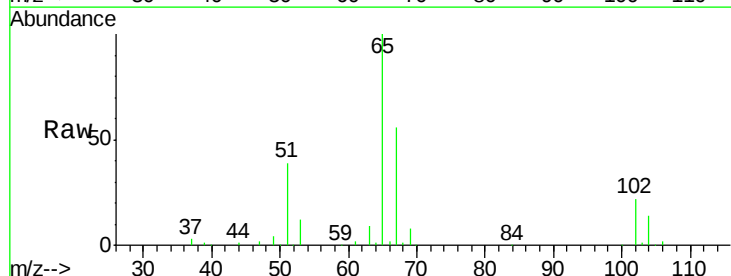
Ion	Ratio	Lower	Upper
84	100		
49	120.8	96.4	144.6
51	37.0	28.6	43.0
86	67.7	51.4	77.2

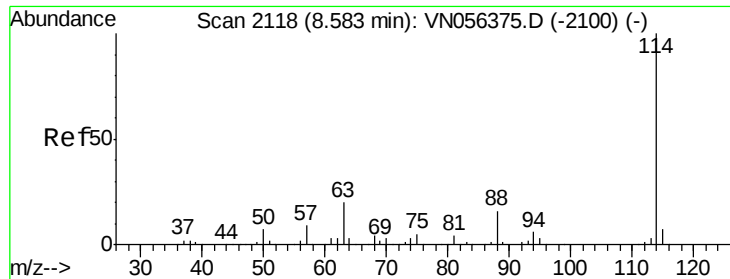


#33
1,2-Dichloroethane-d4
Concen: 54.666 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056568.D
Acq: 1 Jul 2019 13:37

Tgt Ion: 65 Resp: 187900

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.0

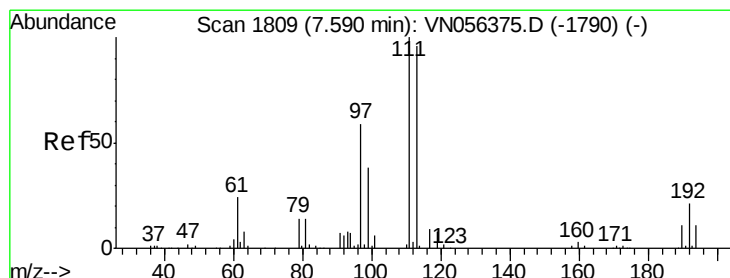
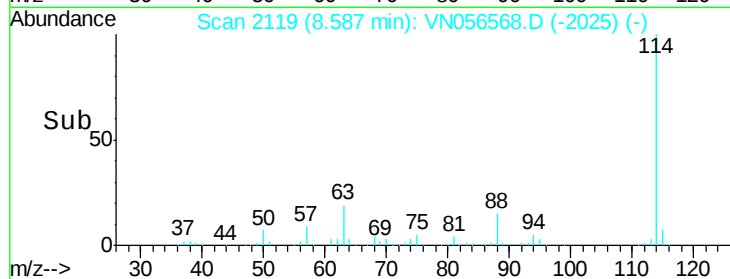
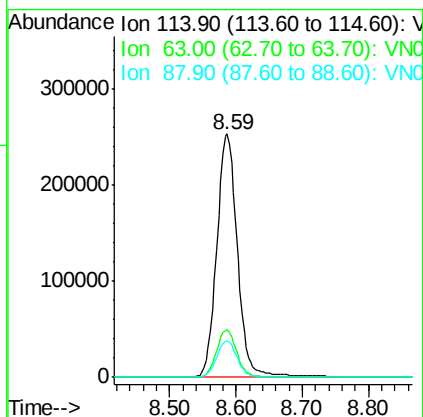
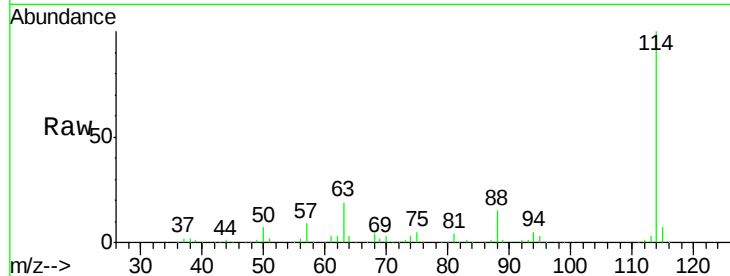




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

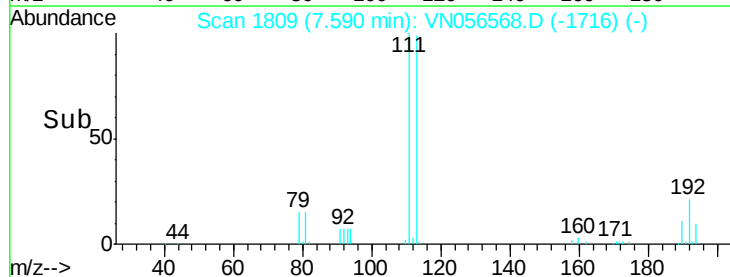
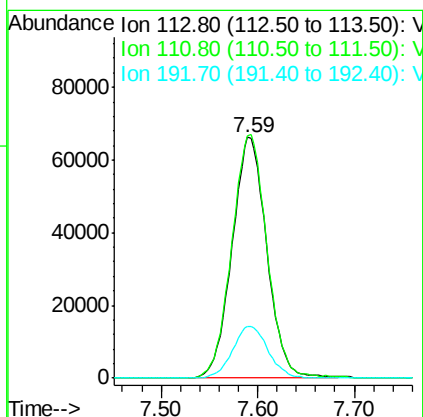
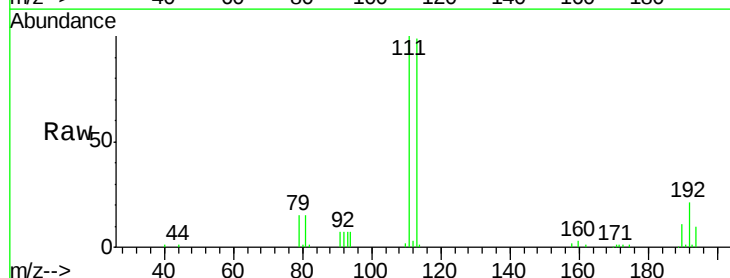
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-062819

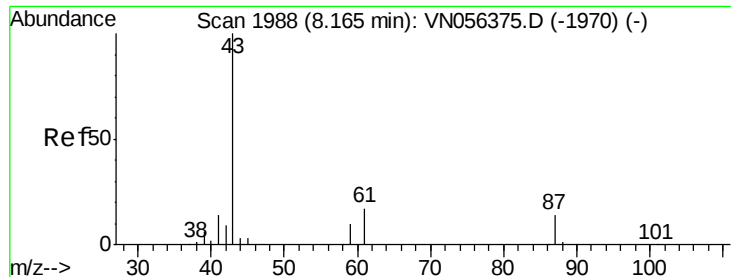
Tot Ion:114 Resp: 549792
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.9 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.183 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056568.D
 Acq: 1 Jul 2019 13:37

Tgt Ion:113 Resp: 165258
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 21.9 17.7 26.5





#43

Isopropyl Acetate

Concen: 2.557 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

OK-01-062819

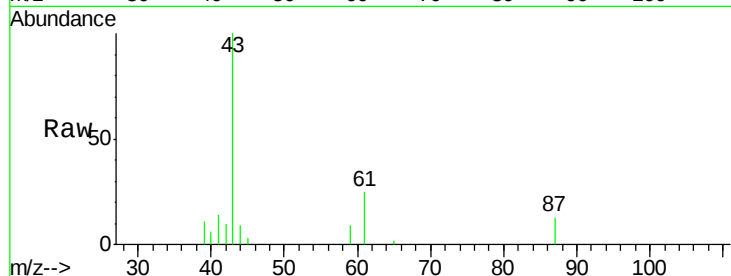
Tot Ion: 43 Resp: 18748

Ion Ratio Lower Upper

43 100

61 21.6 22.0 33.0#

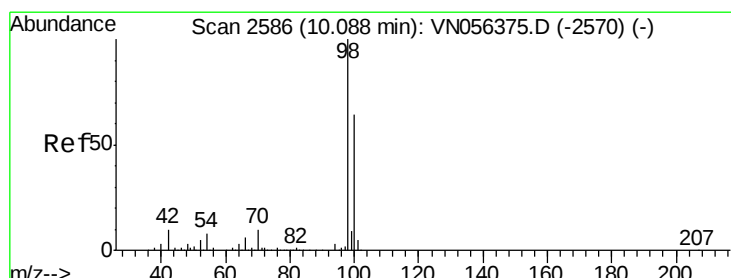
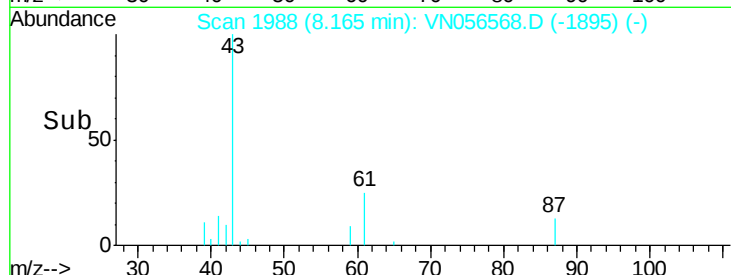
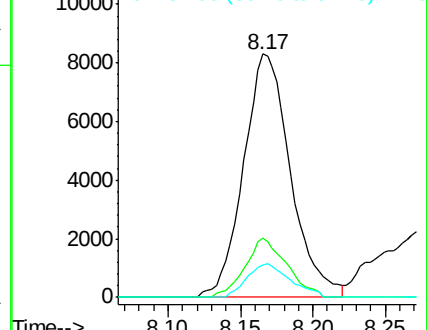
87 12.5 11.0 16.4



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: 52.298 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056568.D

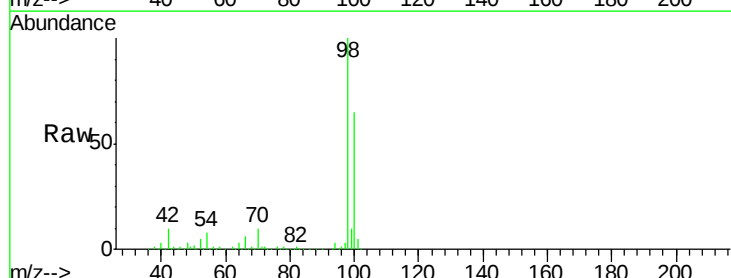
Acq: 1 Jul 2019 13:37

Tgt Ion: 98 Resp: 697954

Ion Ratio Lower Upper

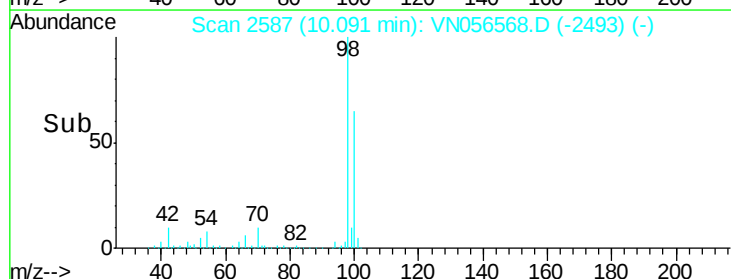
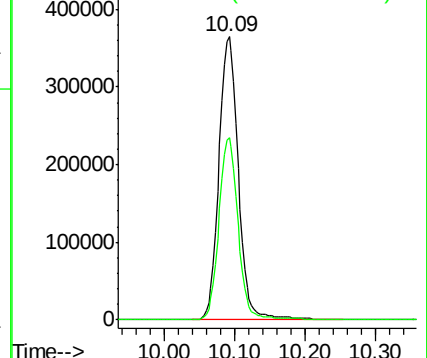
98 100

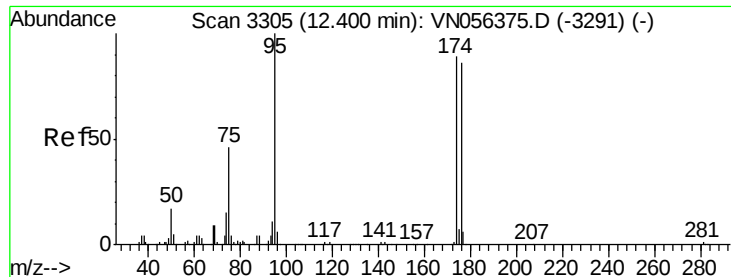
100 63.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.363 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

OK-01-062819

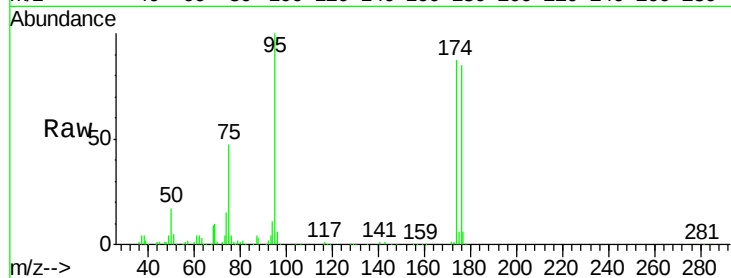
Tot Ion: 95 Resp: 219608

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

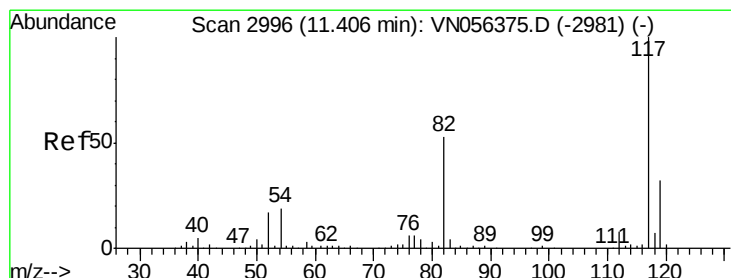
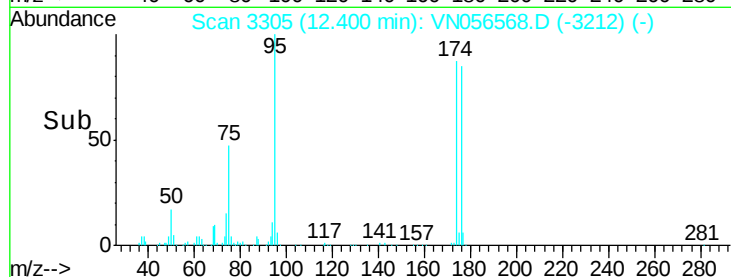
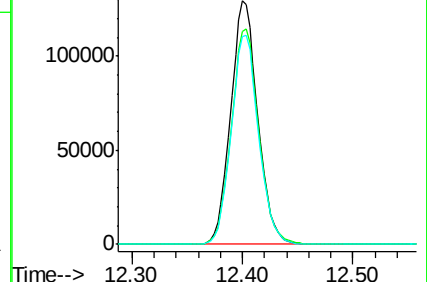
176 86.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

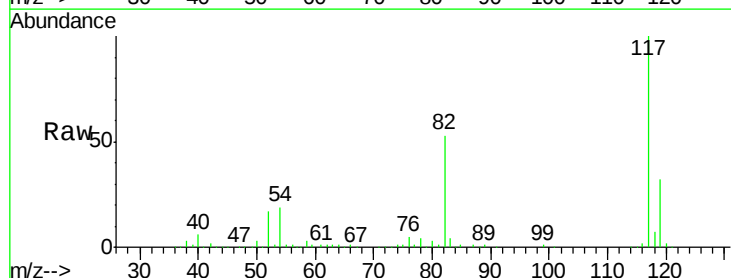
Tgt Ion: 117 Resp: 557738

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

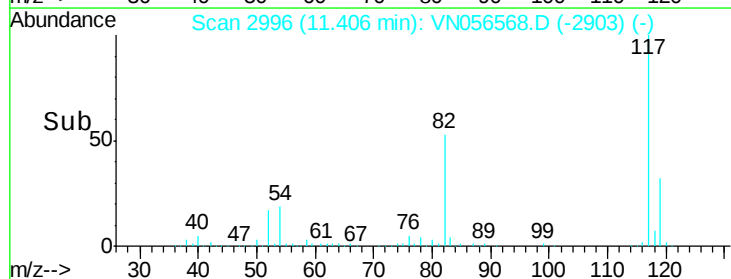
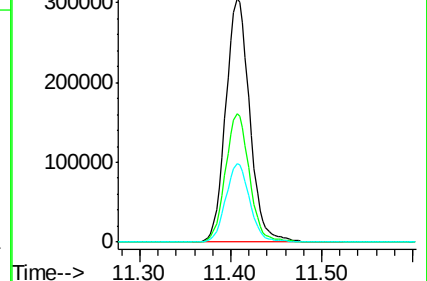
119 32.1 25.3 37.9

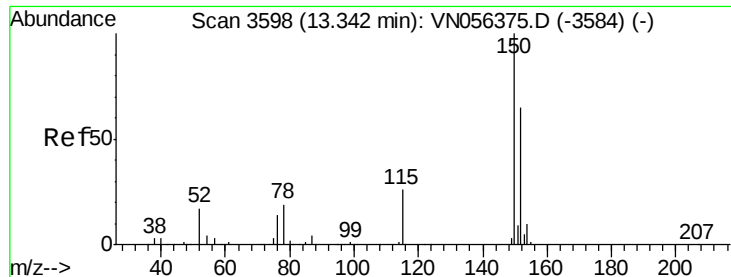


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

OK-01-062819

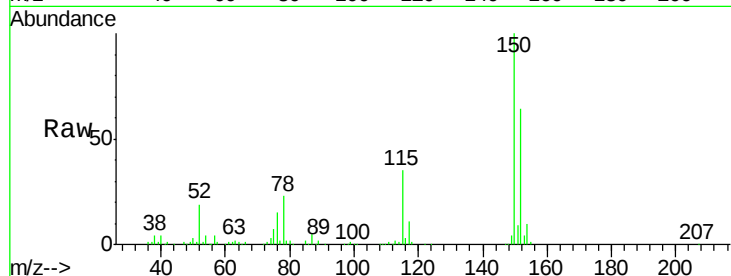
Tot Ion:152 Resp: 156349

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.4

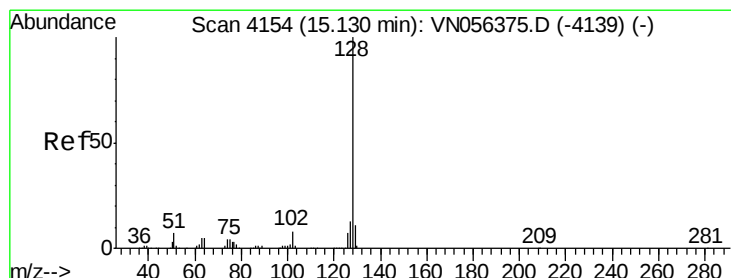
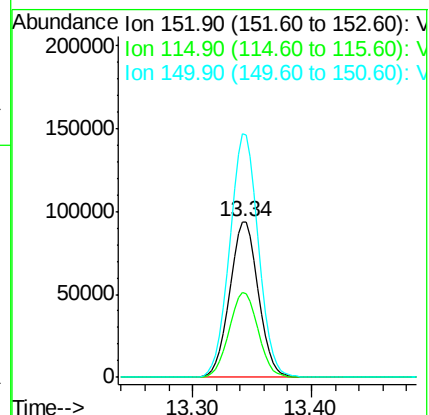
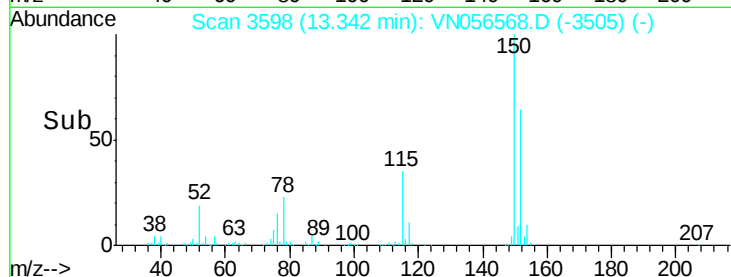
150 156.7 0.0 348.4



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



#95

Naphthalene

Concen: 5.840 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056568.D

Acq: 1 Jul 2019 13:37

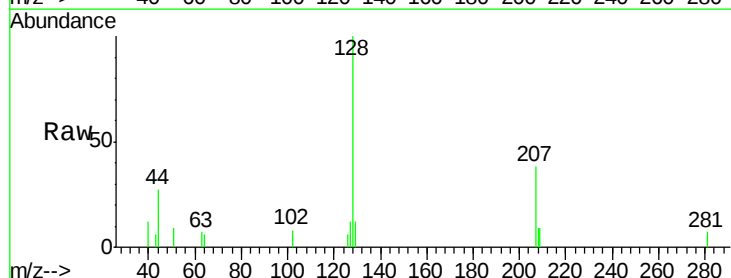
Tgt Ion:128 Resp: 4755

Ion Ratio Lower Upper

128 100

127 9.0 10.2 15.2#

129 8.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

