

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056435.D
 Acq On : 21 Jun 2019 18:47
 Operator : JC/SP
 Sample : K3158-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-062019

Quant Time: Jun 22 03:40:57 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

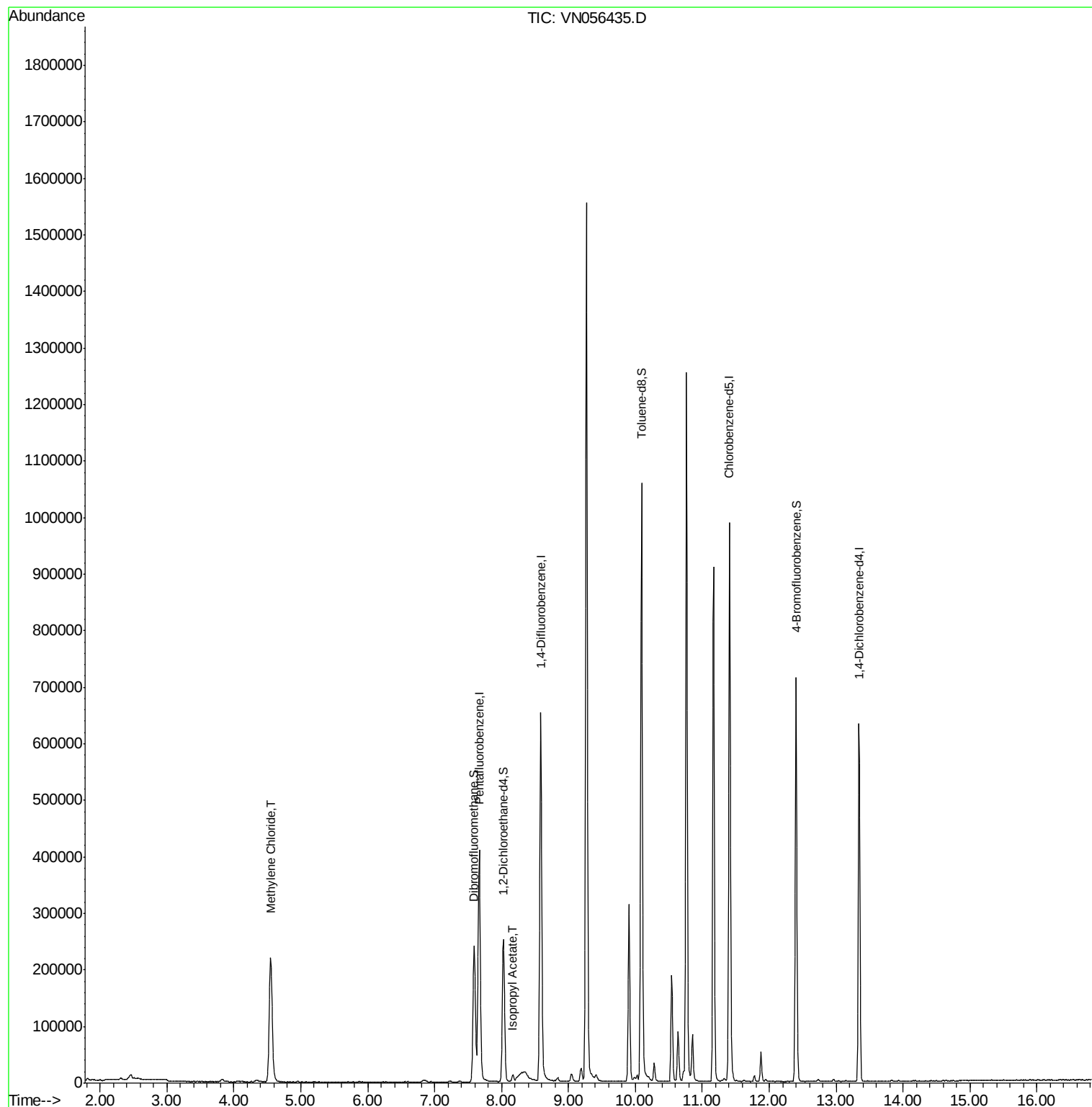
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	381707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	647777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	216909	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	187012	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	10.09	98	798351	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	258457	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
Target Compounds						
20) Methylene Chloride	4.55	84	176359	44.032	ug/l	98
43) Isopropyl Acetate	8.17	43	15004	1.737	ug/l #	91

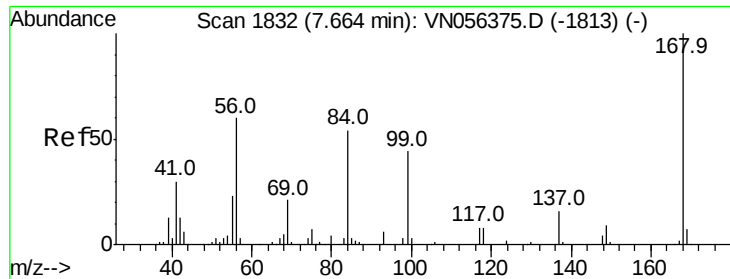
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 03:45:40 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

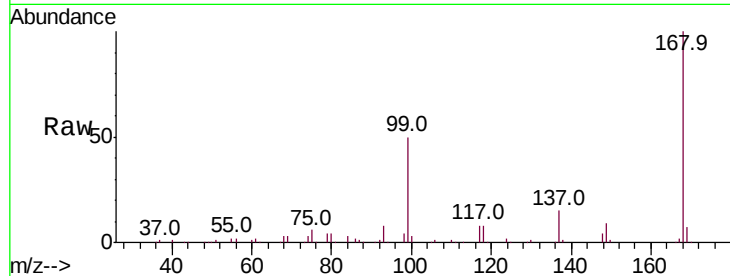
OK-03-062019

Tot Ion:168 Resp: 381707

Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

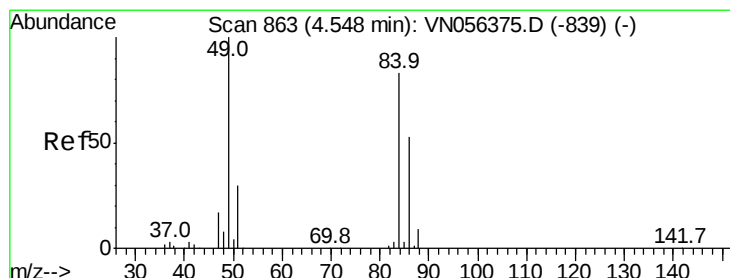
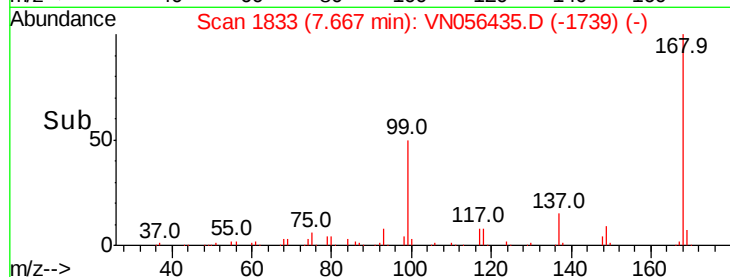
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 44.032 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Tgt Ion: 84 Resp: 176359

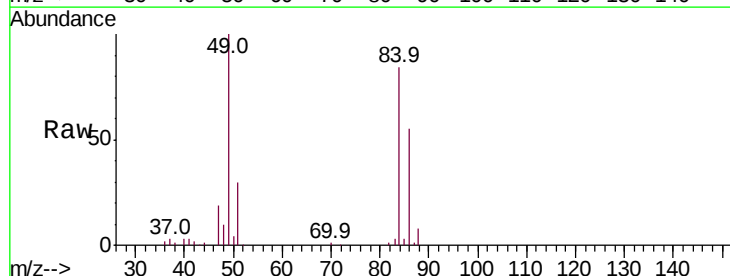
Ion Ratio Lower Upper

84 100

49 118.1 96.4 144.6

51 35.2 28.6 43.0

86 65.4 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

100000

80000

60000

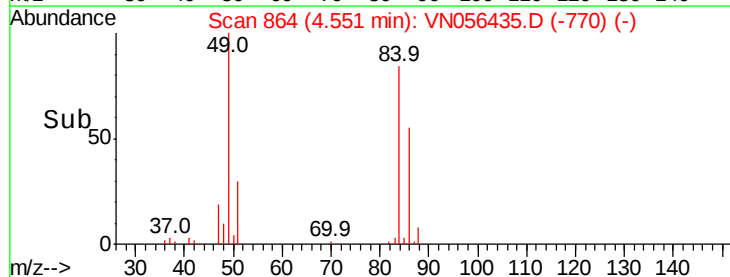
40000

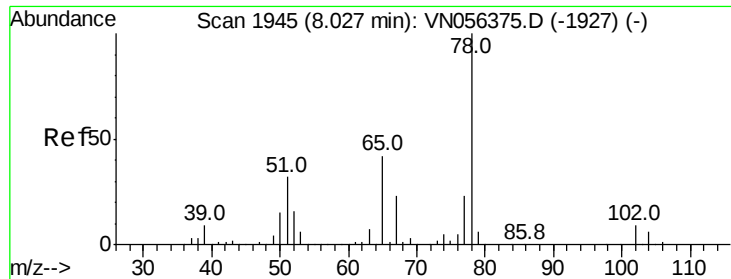
20000

0

Time-->

4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 51.273 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

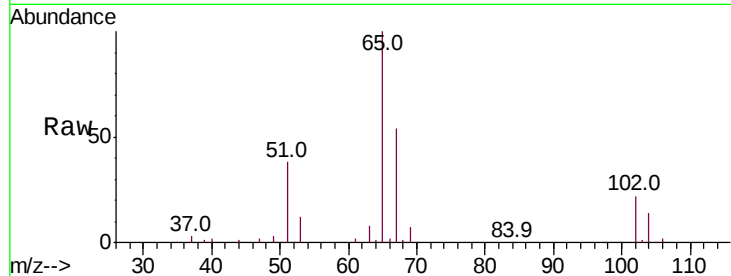
OK-03-062019

Tot Ion: 65 Resp: 216909

Ion Ratio Lower Upper

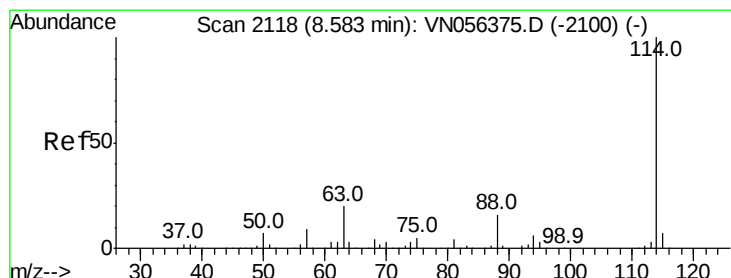
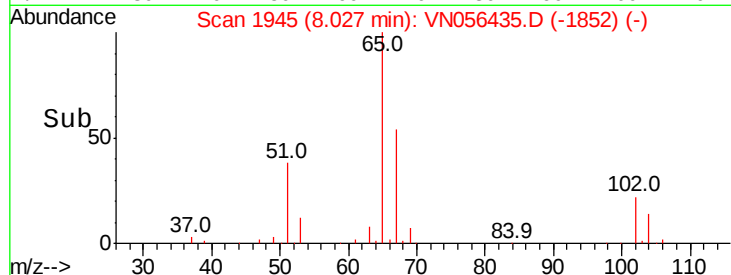
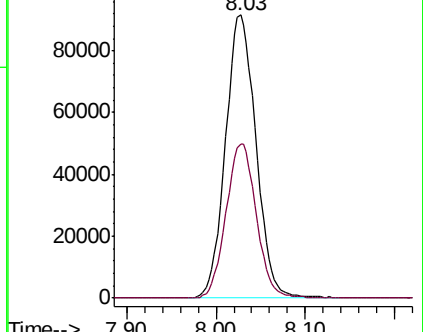
65 100

67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056435.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN056435.D (-1927) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

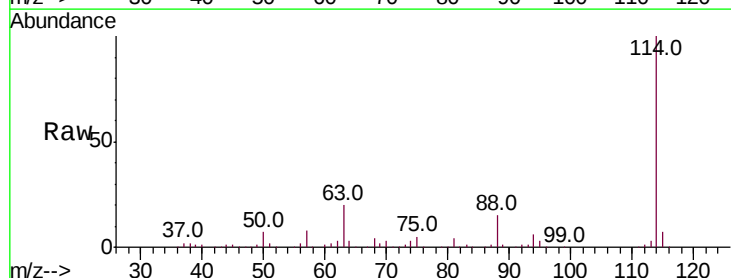
Tgt Ion: 114 Resp: 647777

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

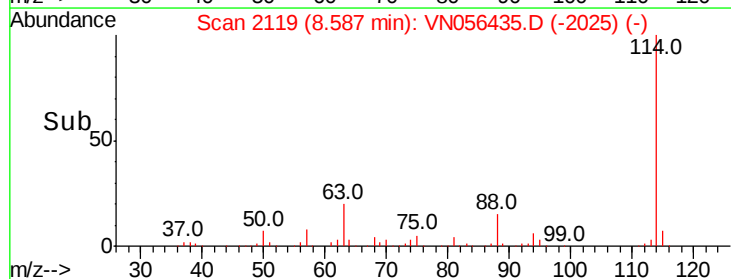
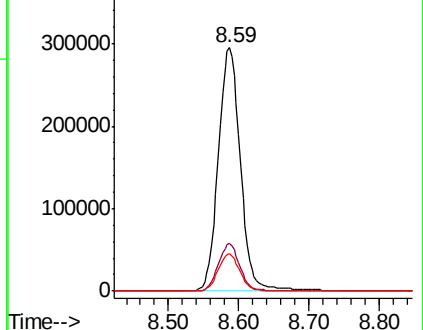
88 15.2 0.0 31.4

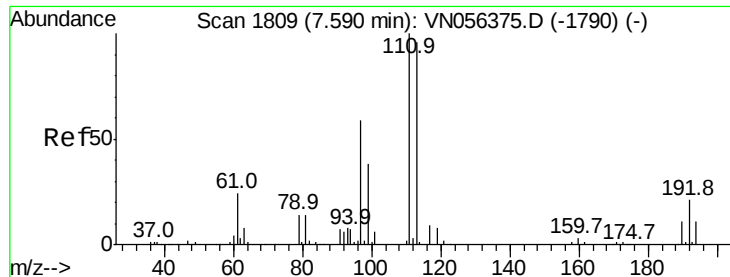


Abundance Ion 113.90 (113.60 to 114.60): VN056435.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN056435.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN056435.D (-2100) (-)

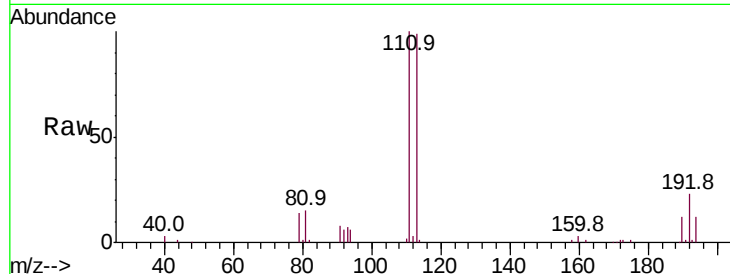




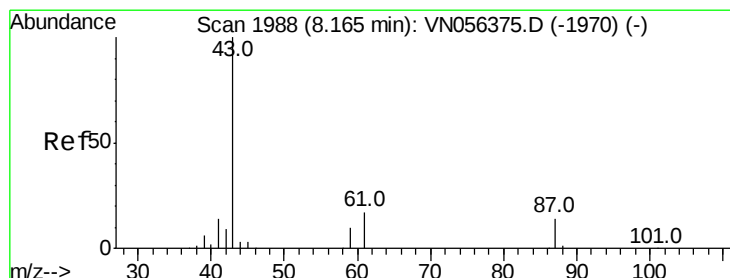
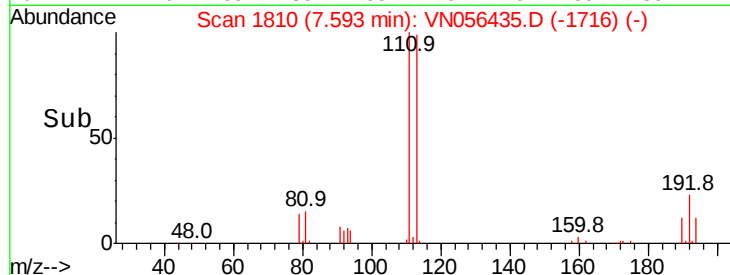
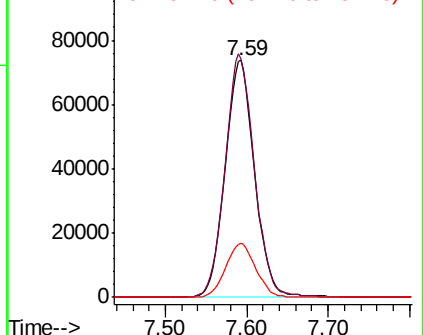
#35
 Dibromofluoromethane
 Concen: 46.278 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056435.D
 Acq: 21 Jun 2019 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-062019

Tot Ion:113 Resp: 187012
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 23.0 17.7 26.5

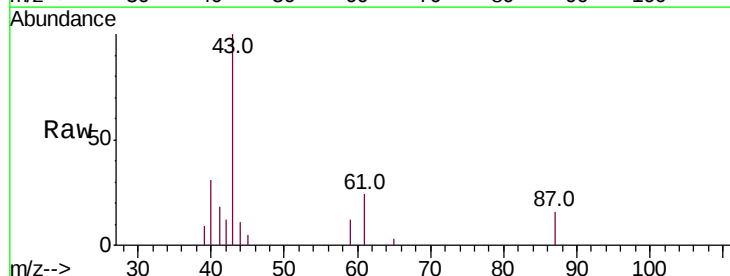


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

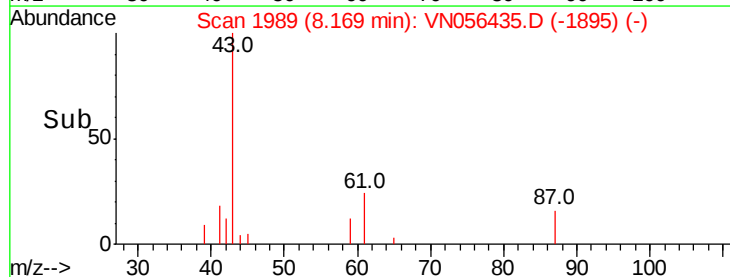
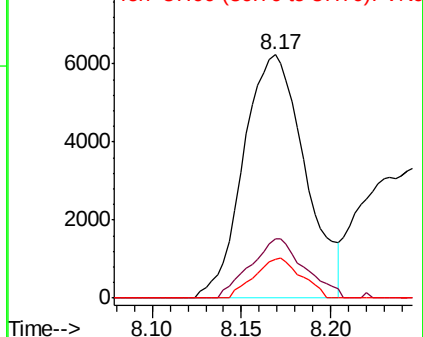


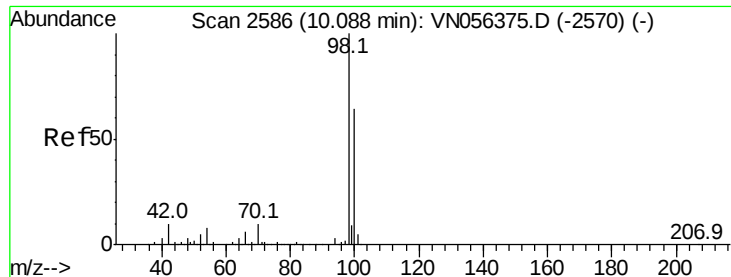
#43
 Isopropyl Acetate
 Concen: 1.737 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056435.D
 Acq: 21 Jun 2019 18:47

Tgt Ion: 43 Resp: 15004
 Ion Ratio Lower Upper
 43 100
 61 21.4 22.0 33.0#
 87 12.4 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.772 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

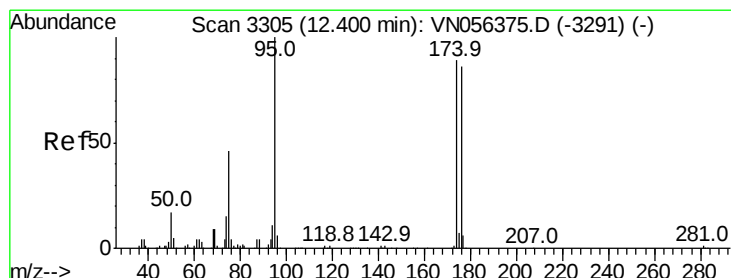
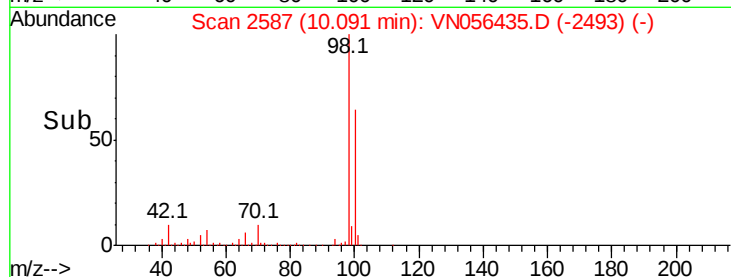
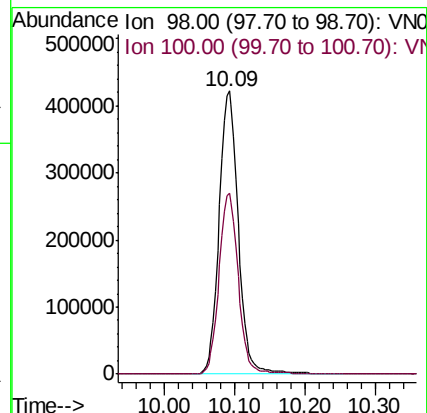
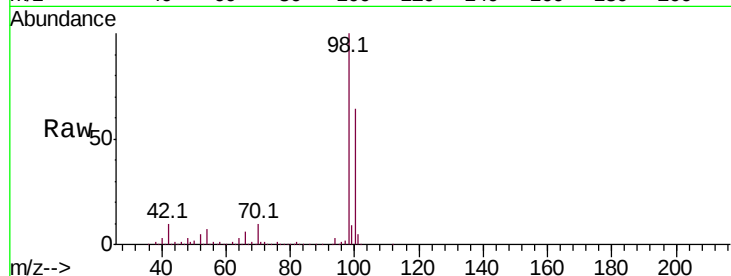
OK-03-062019

Tot Ion: 98 Resp: 798351

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.307 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

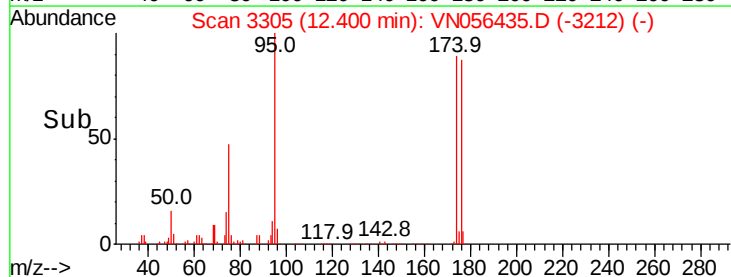
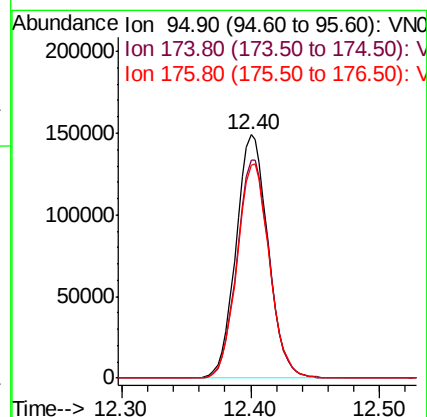
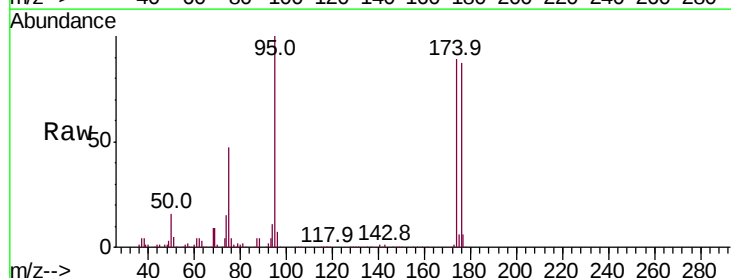
Tgt Ion: 95 Resp: 258457

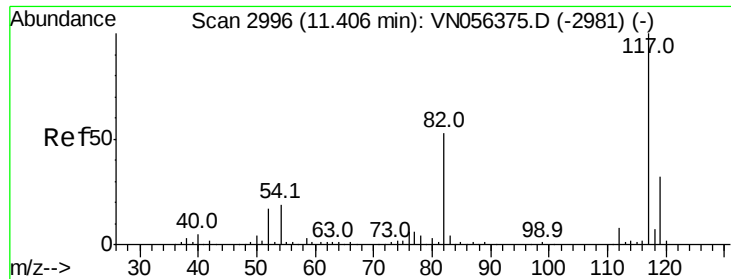
Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.4

176 88.4 0.0 173.4

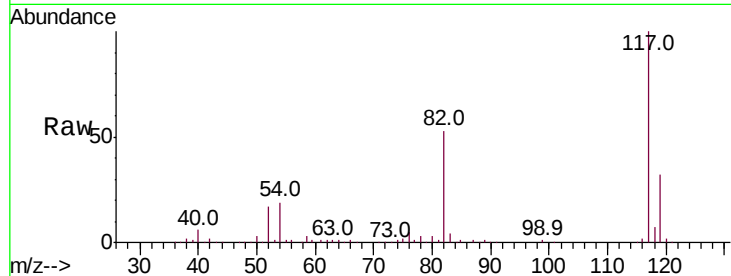




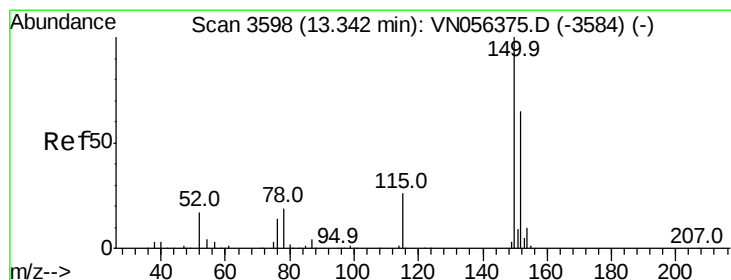
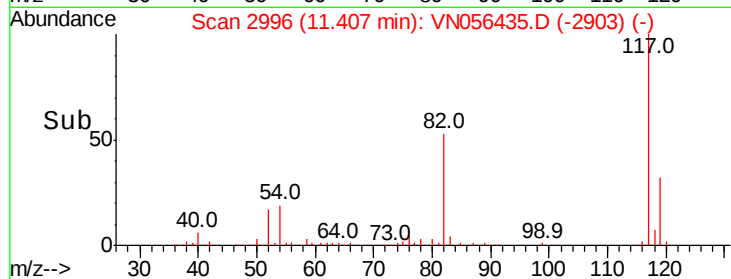
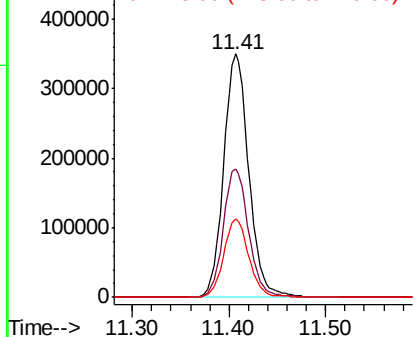
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

Instrument :
MSVOA_N
ClientSampleId :
OK-03-062019

Tot Ion:117 Resp: 627938
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 32.0 25.3 37.9

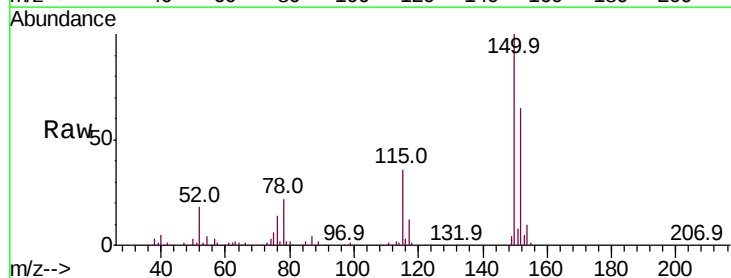


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

Tgt Ion:152 Resp: 190396
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.4
150 154.7 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

