

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056403.D
 Acq On : 20 Jun 2019 15:26
 Operator : JC/SP
 Sample : K3465-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 390619766-VOA

Quant Time: Jun 21 05:45:59 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

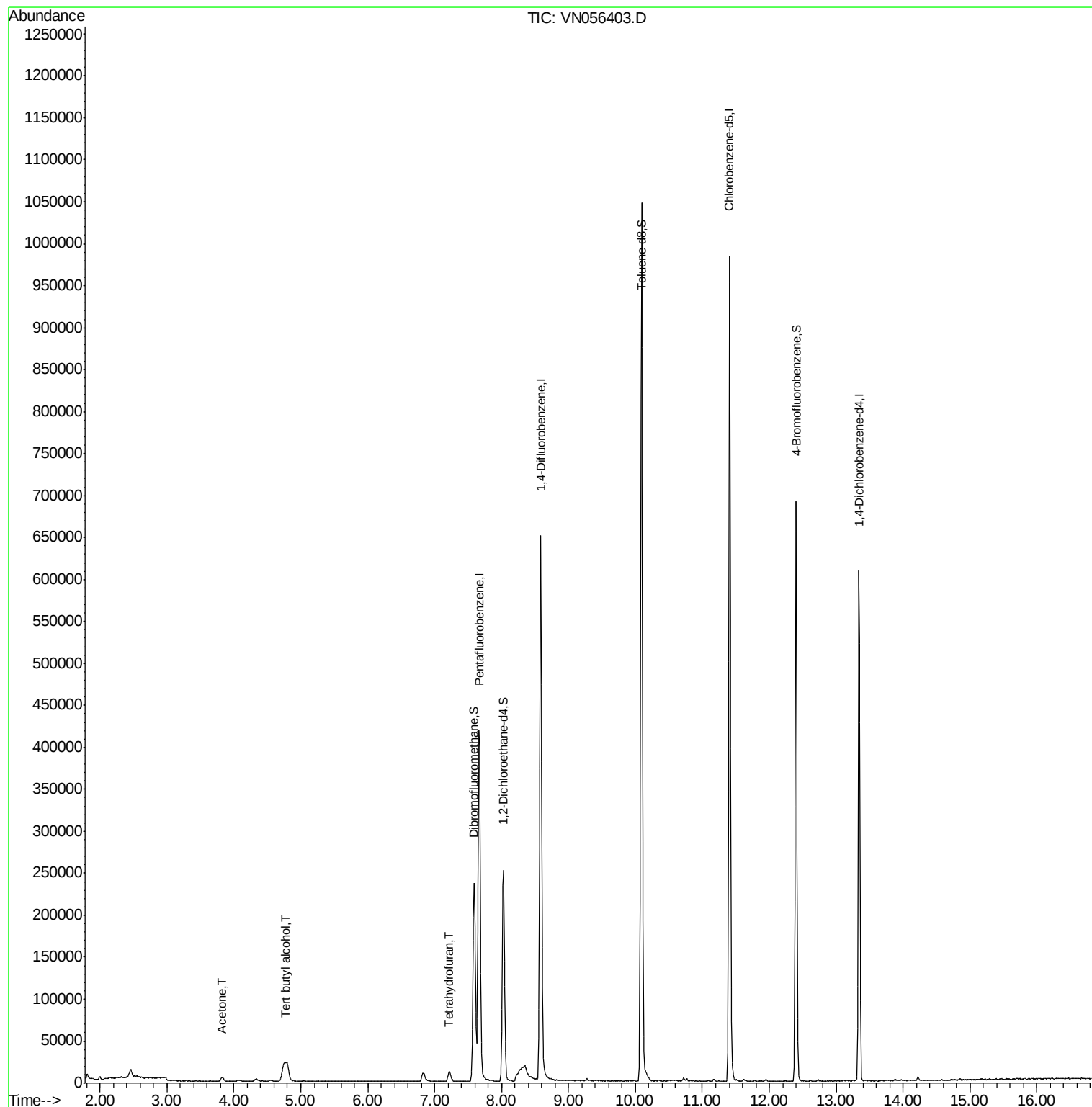
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	382960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	619151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	211820	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	7.59	113	185491	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
50) Toluene-d8	10.09	98	786474	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	245336	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
11) Tert butyl alcohol	4.79	59	54752	76.591	ug/l #	91
16) Acetone	3.82	43	7593	3.571	ug/l	92
29) Tetrahydrofuran	7.22	42	11120	6.465	ug/l	96

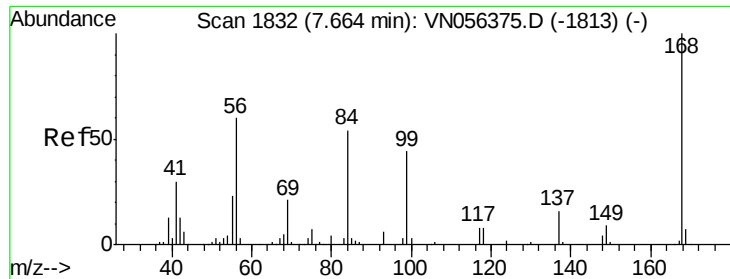
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062019\
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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: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056403.D

Acq: 20 Jun 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

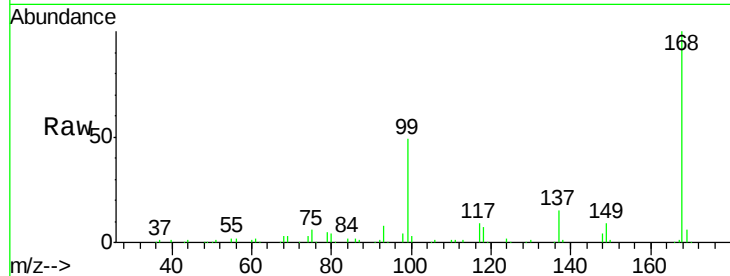
390619766-VOA

Tot Ion:168 Resp: 382960

Ion Ratio Lower Upper

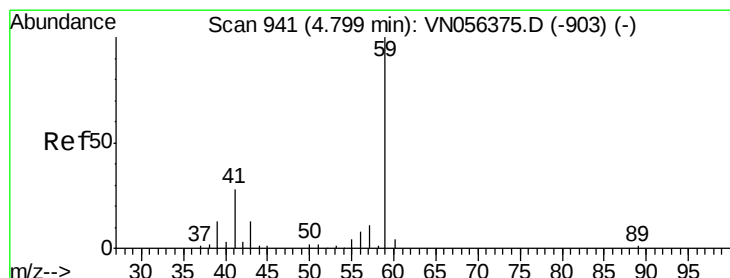
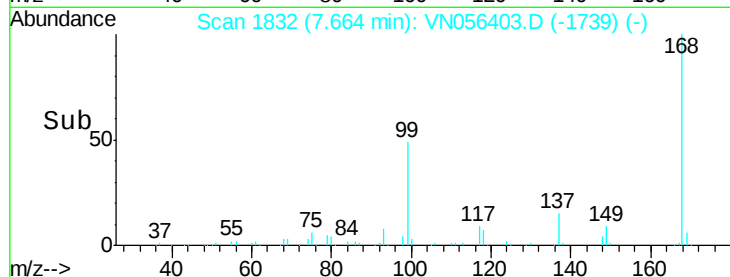
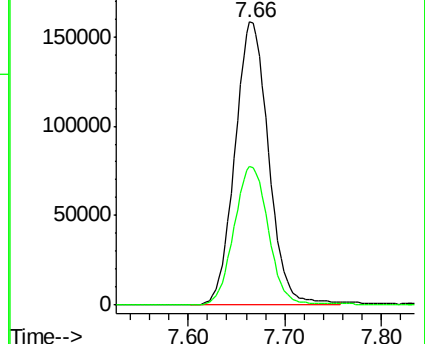
168 100

99 48.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 76.591 ug/l

RT: 4.79 min Scan# 937

Delta R.T. -0.01 min

Lab File: VN056403.D

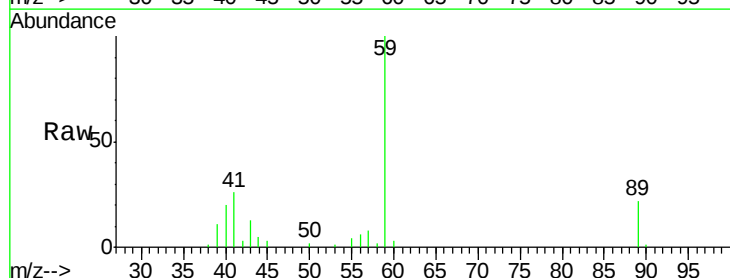
Acq: 20 Jun 2019 15:26

Tgt Ion: 59 Resp: 54752

Ion Ratio Lower Upper

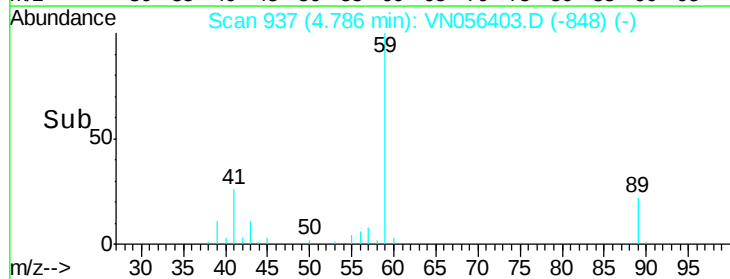
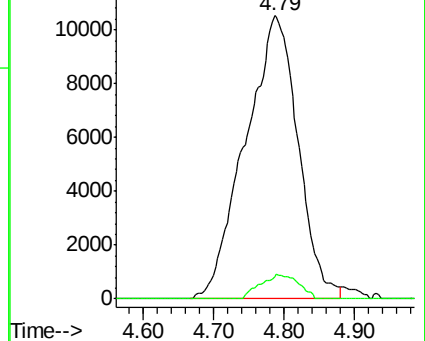
59 100

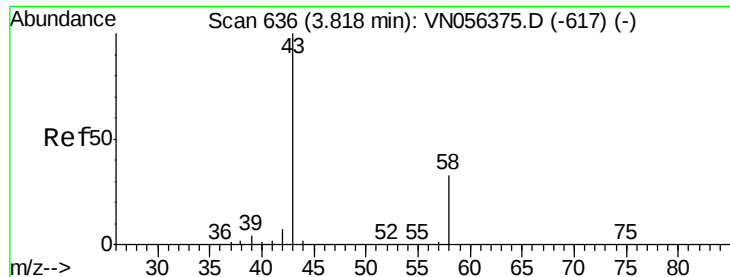
57 6.2 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 3.571 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056403.D

Acq: 20 Jun 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

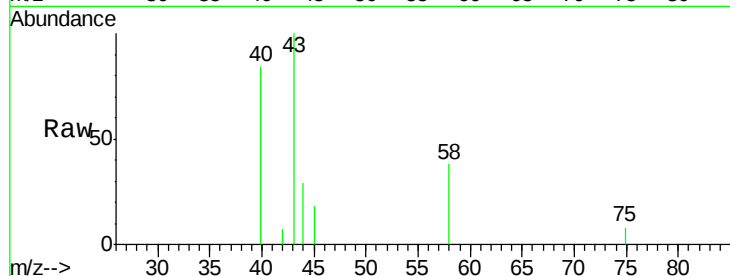
390619766-VOA

Tot Ion: 43 Resp: 7593

Ion Ratio Lower Upper

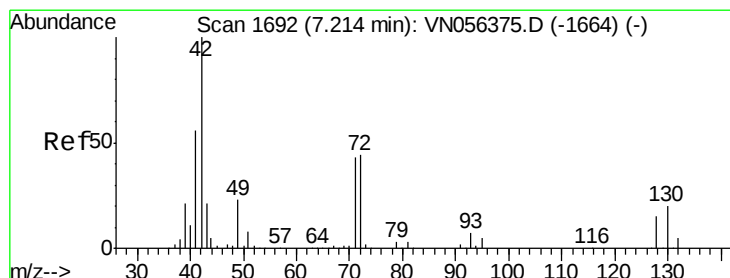
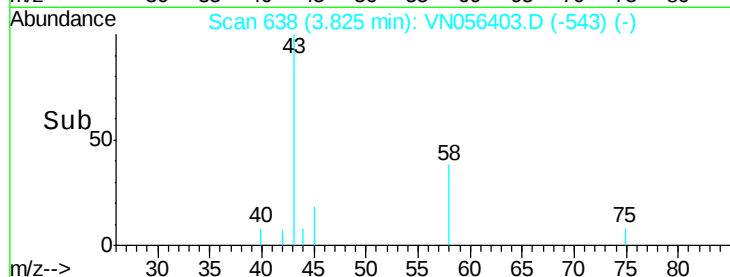
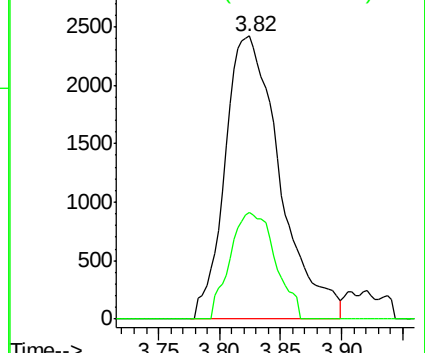
43 100

58 37.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#29

Tetrahydrofuran

Concen: 6.465 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN056403.D

Acq: 20 Jun 2019 15:26

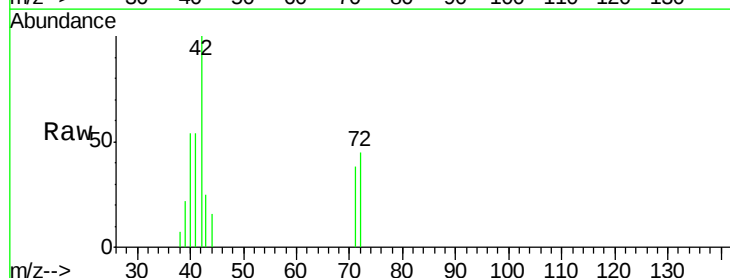
Tgt Ion: 42 Resp: 11120

Ion Ratio Lower Upper

42 100

72 40.6 34.7 52.1

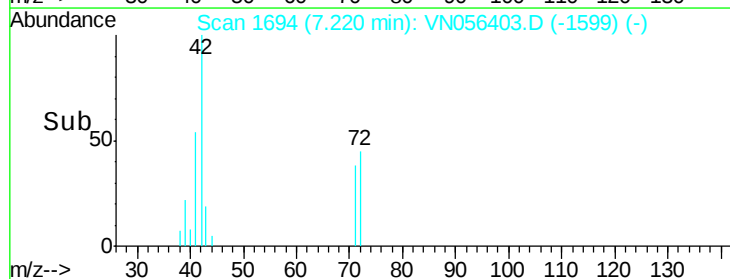
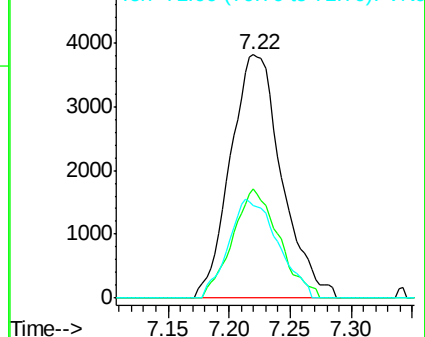
71 38.9 33.0 49.6

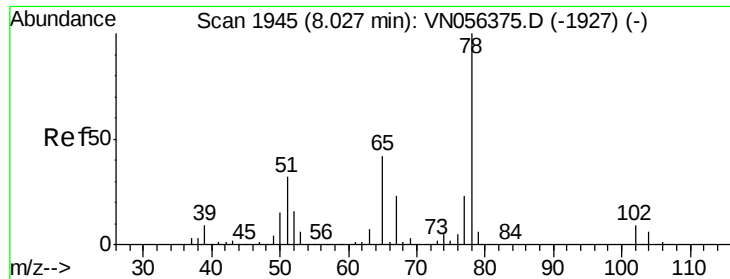


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

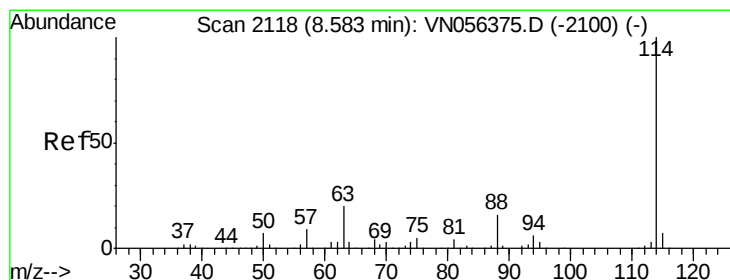
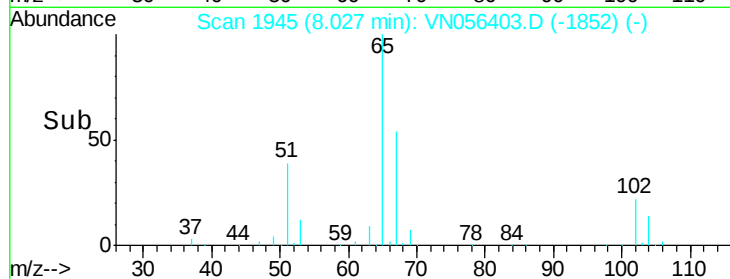
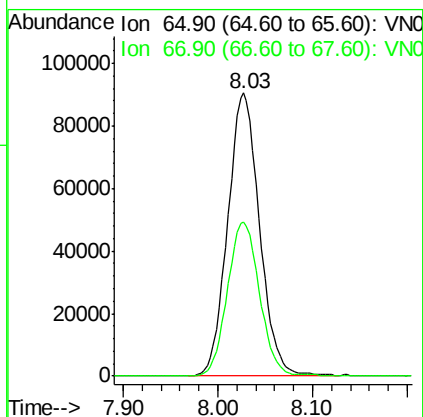
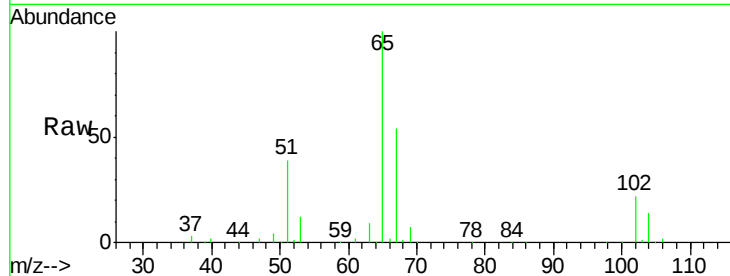




#33
 1,2-Dichloroethane-d4
 Concen: 49.906 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056403.D
 Acq: 20 Jun 2019 15:26

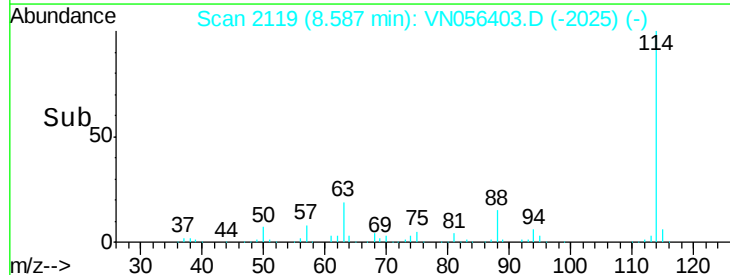
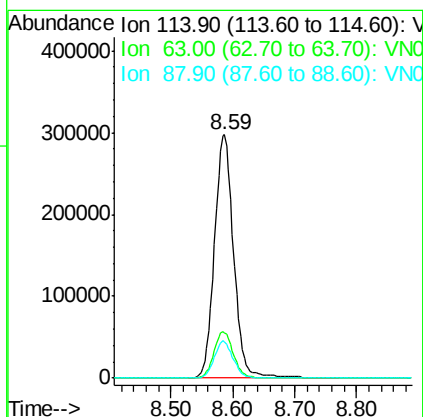
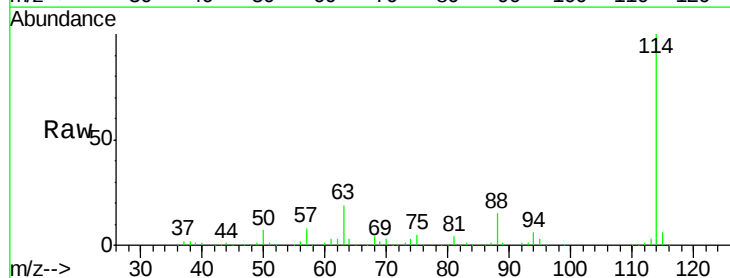
Instrument :
 MSVOA_N
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 390619766-VOA

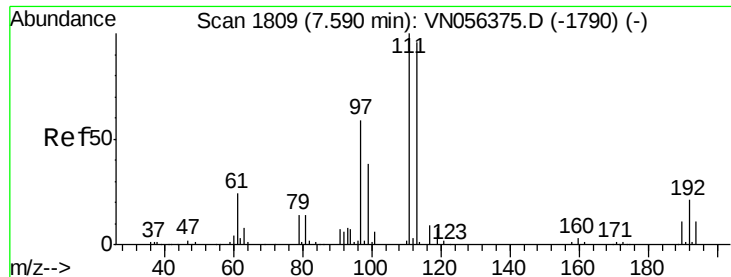
Tot Ion: 65 Resp: 211820
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056403.D
 Acq: 20 Jun 2019 15:26

Tgt Ion: 114 Resp: 641503
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.0 0.0 31.4

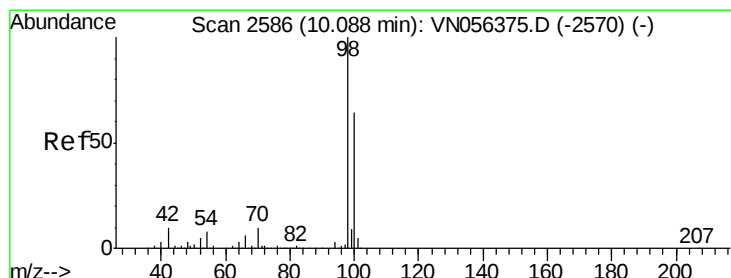
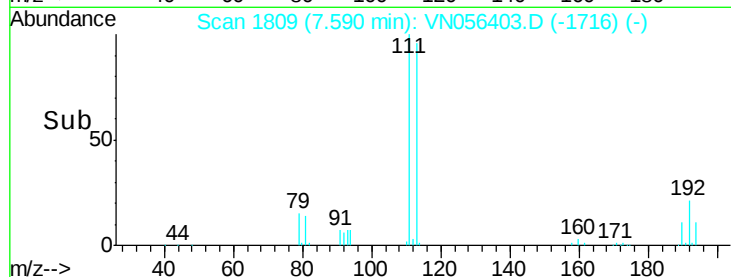
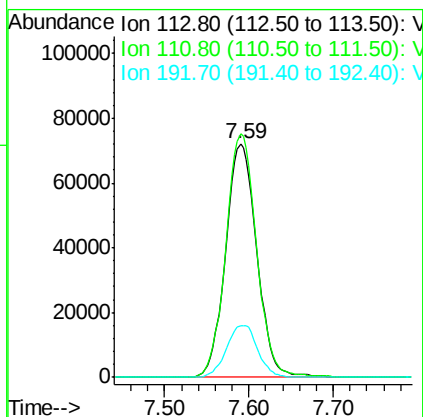
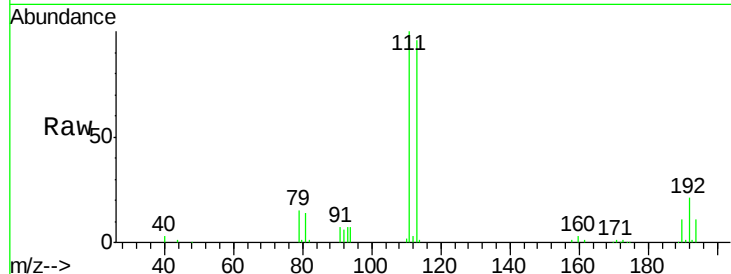




#35
 Dibromofluoromethane
 Concen: 46.350 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056403.D
 Acq: 20 Jun 2019 15:26

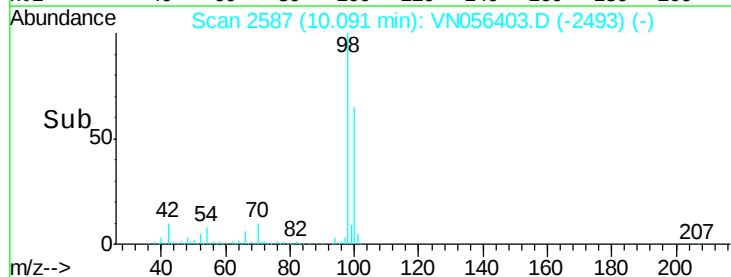
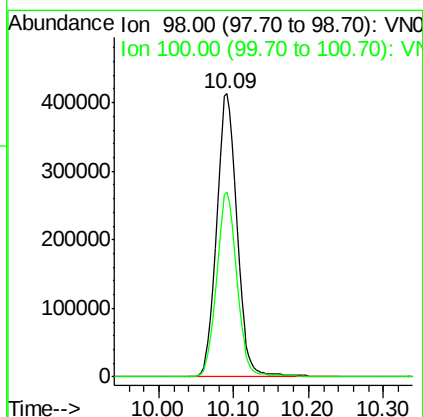
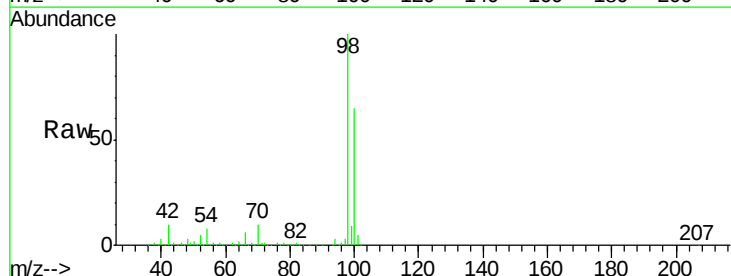
Instrument :
 MSVOA_N
 ClientSampleId :
 390619766-VOA

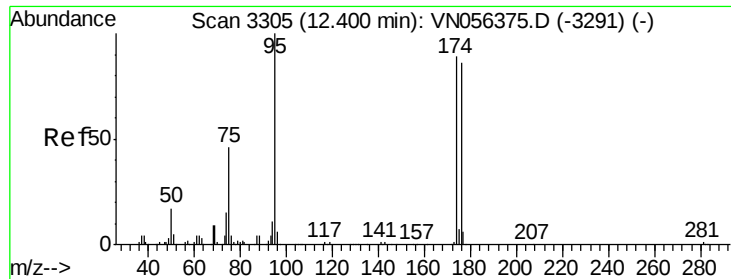
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	22.3	17.7	26.5



#50
 Toluene-d8
 Concen: 50.506 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056403.D
 Acq: 20 Jun 2019 15:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 47.262 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056403.D

Acq: 20 Jun 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

390619766-VOA

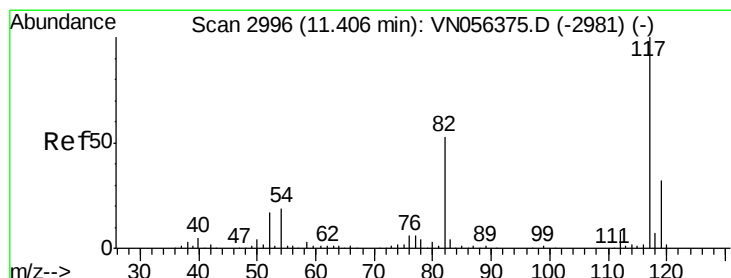
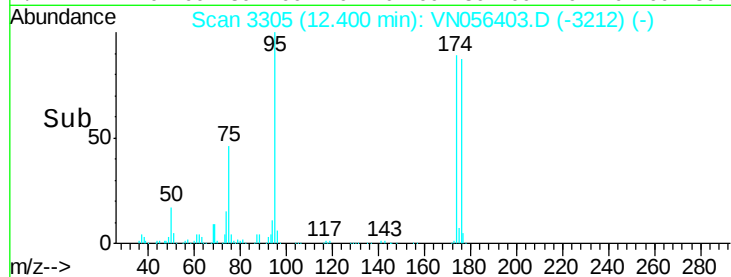
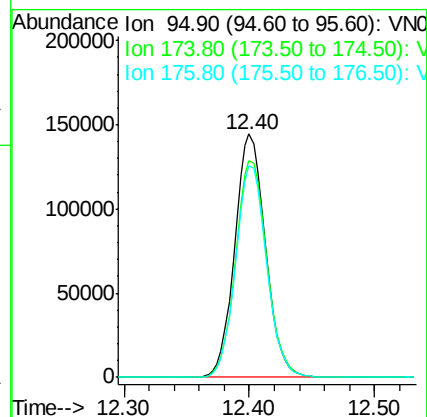
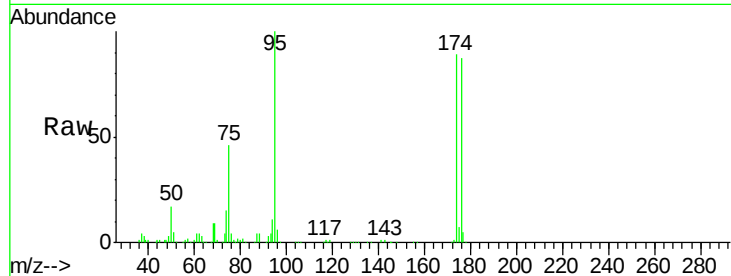
Tot Ion: 95 Resp: 245336

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.4

176 87.4 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: VN056403.D

Acq: 20 Jun 2019 15:26

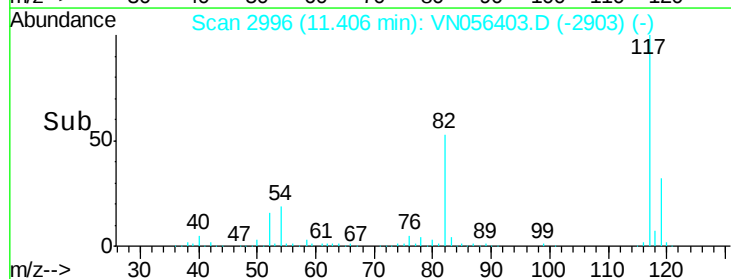
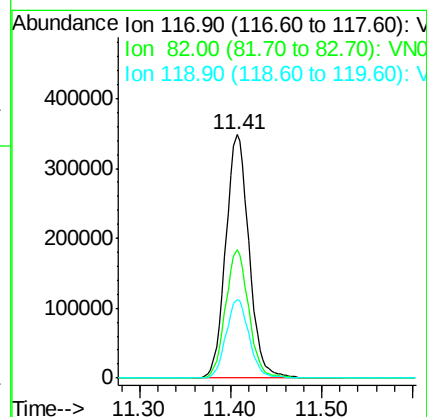
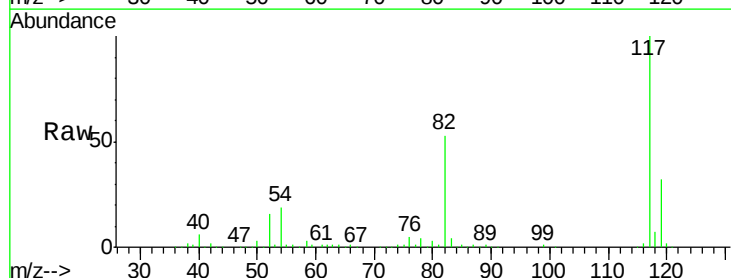
Tgt Ion: 117 Resp: 619151

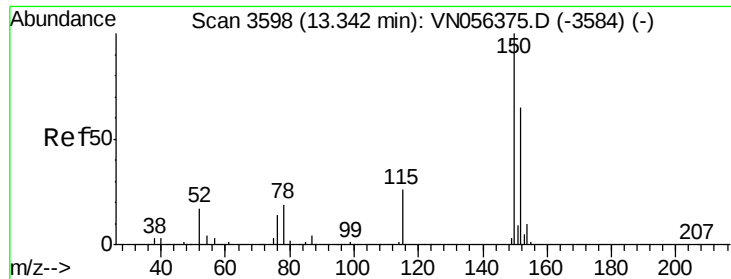
Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056403.D

Acq: 20 Jun 2019 15:26

Instrument :

MSVOA_N

ClientSampleId :

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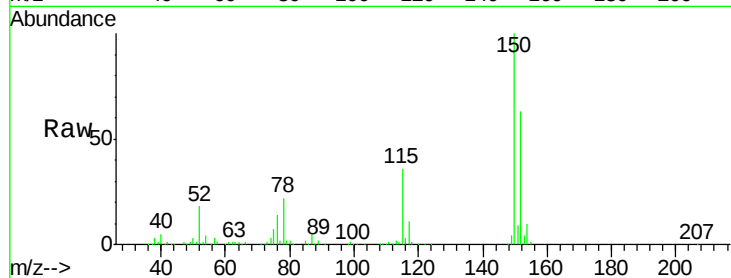
Tot Ion:152 Resp: 176592

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.4

150 157.2 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

