

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057457.D
 Acq On : 23 Aug 2019 1:56
 Operator : JC/SP
 Sample : K4089-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-082119

Quant Time: Aug 23 05:54:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

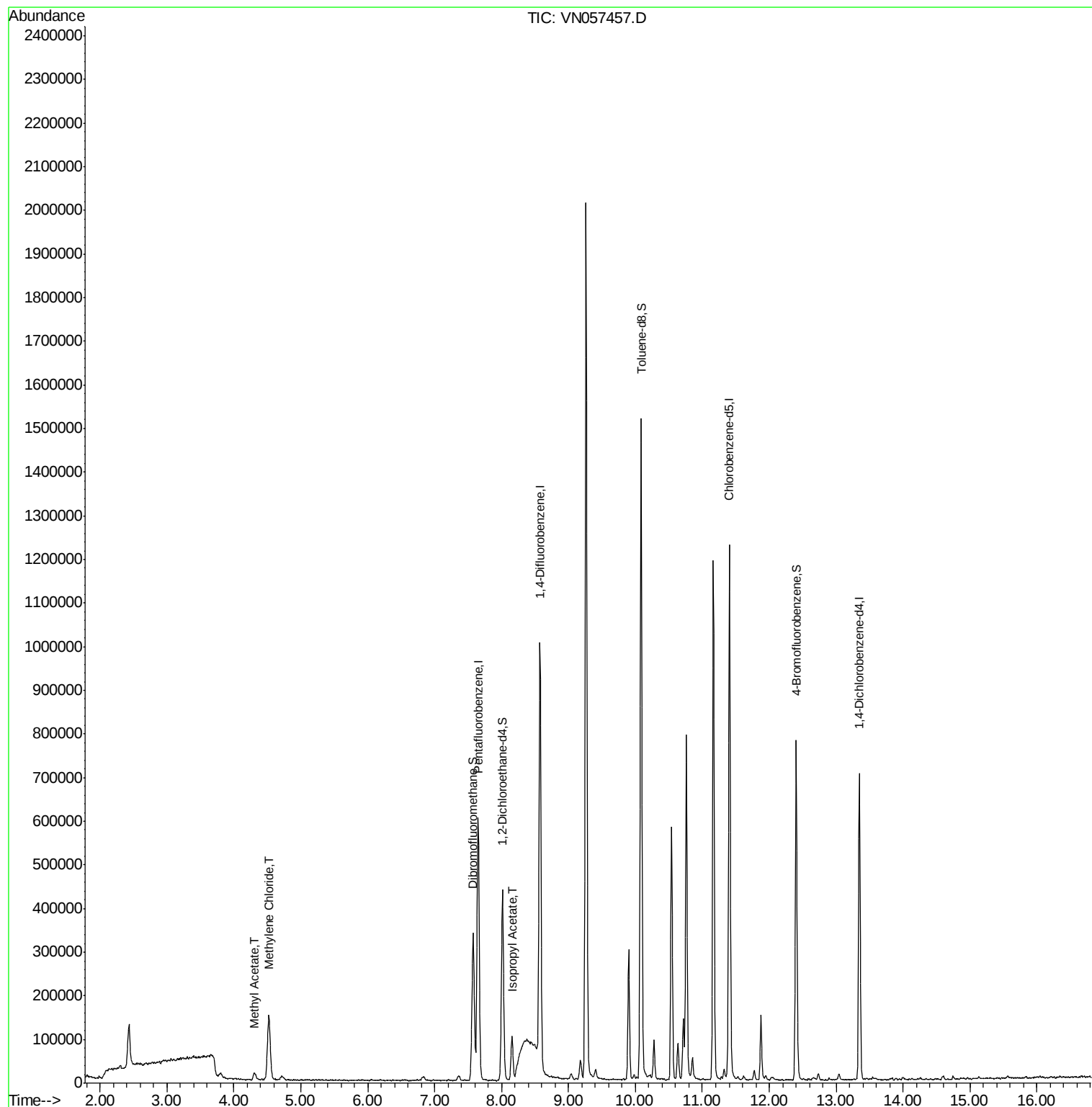
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	441704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	786389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	635801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	164906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	363482	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
35) Dibromofluoromethane	7.58	113	246868	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.08	98	983464	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	272896	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.18%	
Target Compounds						
18) Methyl Acetate	4.30	43	28904	2.854	ug/l	98
20) Methylene Chloride	4.52	84	94228	17.762	ug/l	93
43) Isopropyl Acetate	8.16	43	124660	8.562	ug/l	98

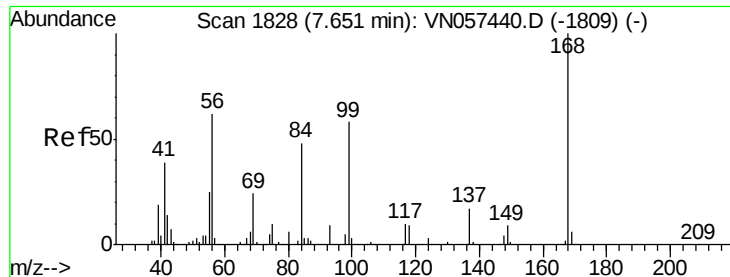
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057457.D

Acq: 23 Aug 2019 1:56

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MSVOA_N

ClientSampleId :

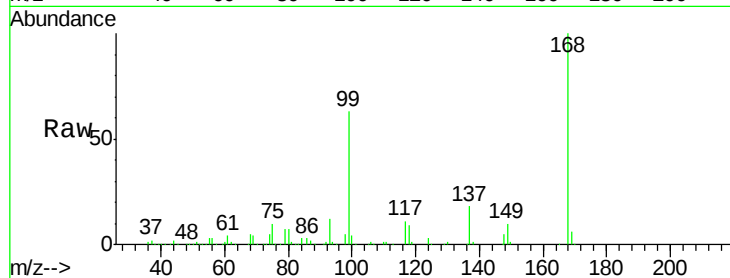
OK-01-082119

Tot Ion:168 Resp: 441704

Ion Ratio Lower Upper

168 100

99 63.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

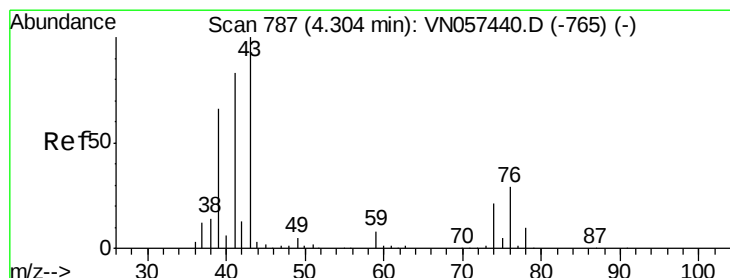
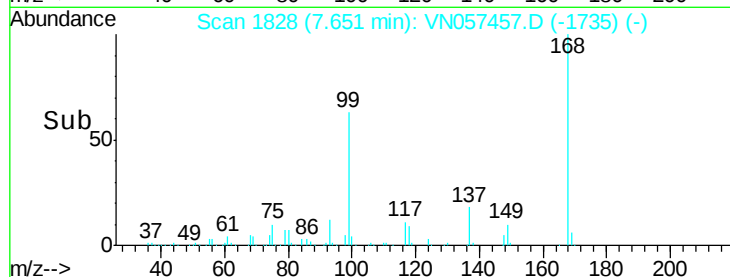
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#18

Methyl Acetate

Concen: 2.854 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057457.D

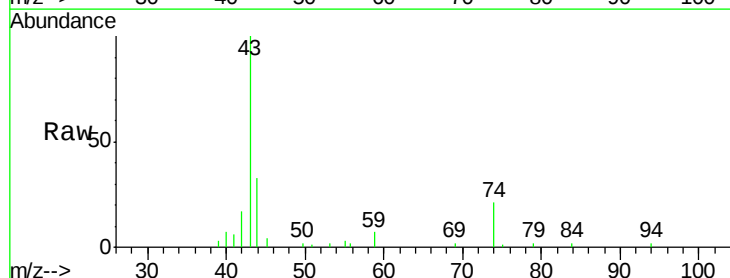
Acq: 23 Aug 2019 1:56

Tgt Ion: 43 Resp: 28904

Ion Ratio Lower Upper

43 100

74 20.8 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.30

12000

10000

8000

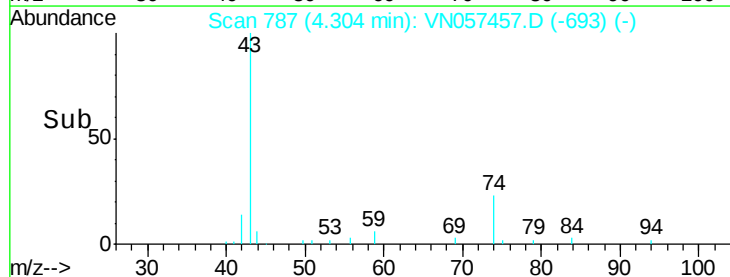
6000

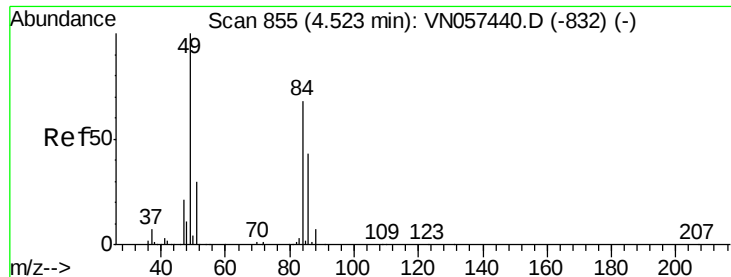
4000

2000

0

Time--> 4.20 4.25 4.30 4.35 4.40

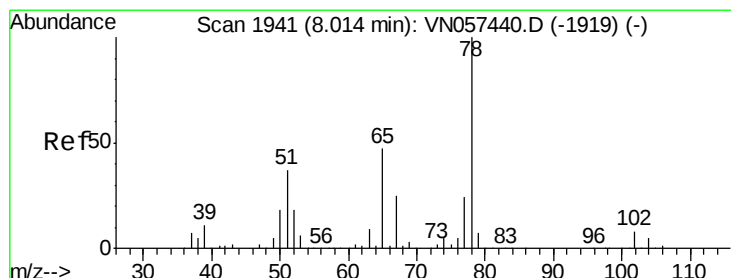
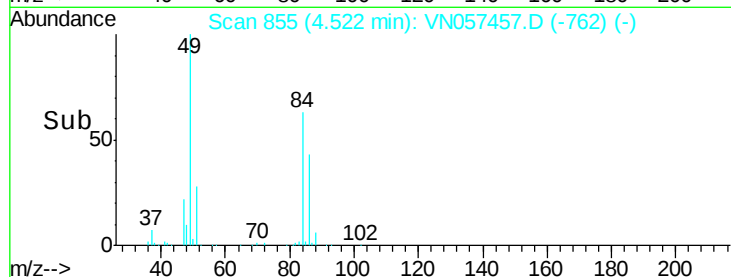
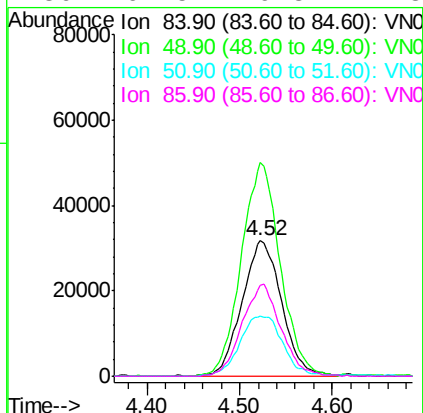
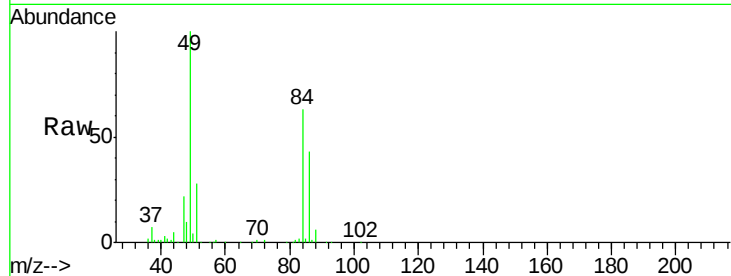




#20
Methvlene Chloride
Concen: 17.762 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057457.D
Acq: 23 Aug 2019 1:56

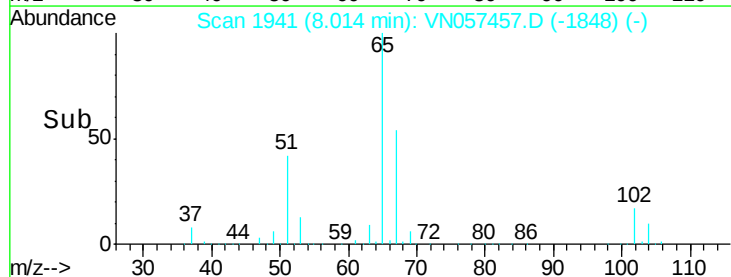
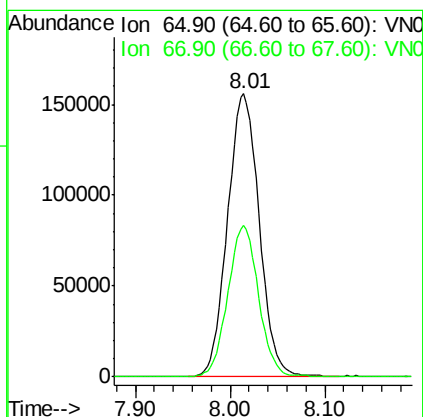
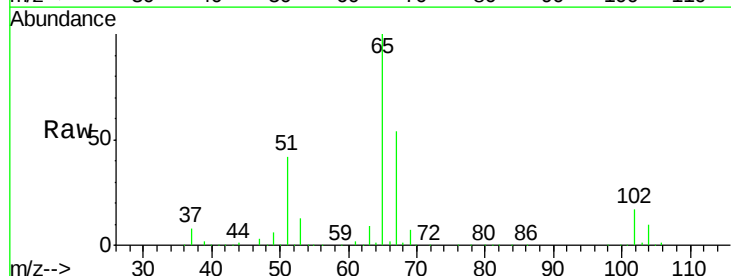
Instrument :
MSVOA_N
ClientSampleId :
OK-01-082119

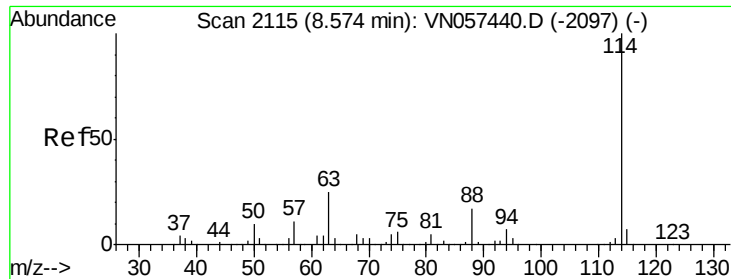
Tot Ion: 84 Resp: 94228
Ion Ratio Lower Upper
84 100
49 157.5 117.0 175.4
51 44.4 35.5 53.3
86 67.5 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 46.779 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057457.D
Acq: 23 Aug 2019 1:56

Tgt Ion: 65 Resp: 363482
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

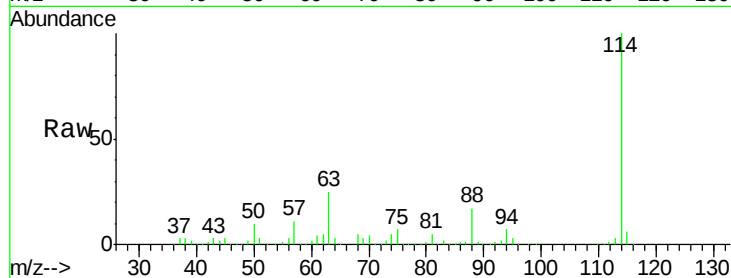




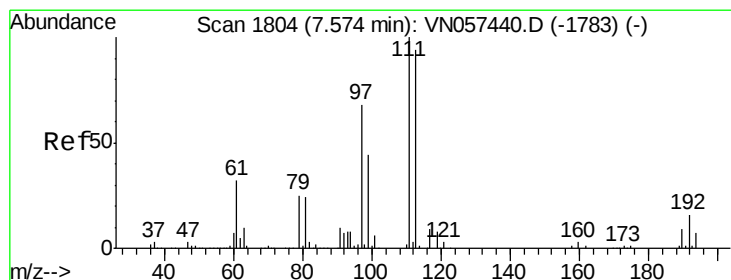
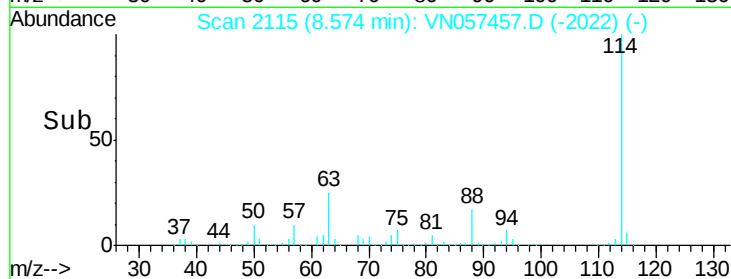
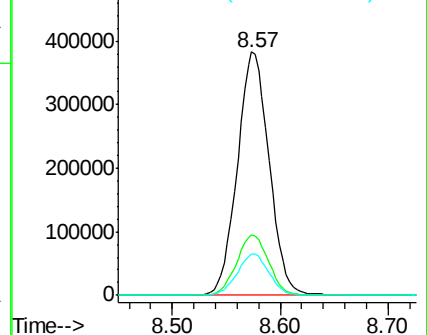
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057457.D
 Acq: 23 Aug 2019 1:56

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-082119

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	50.2
88	16.9	0.0	34.6

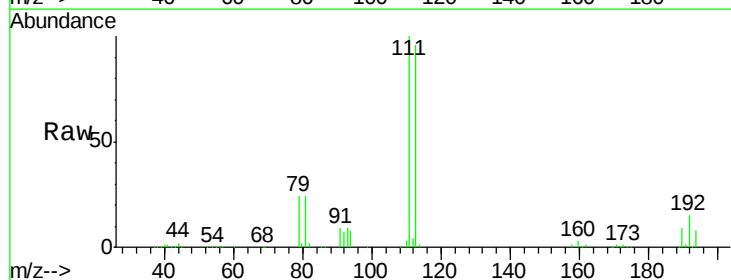


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

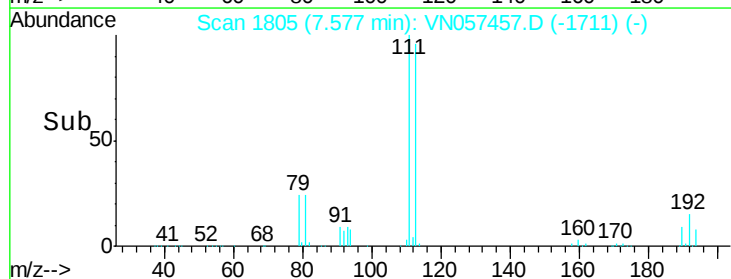
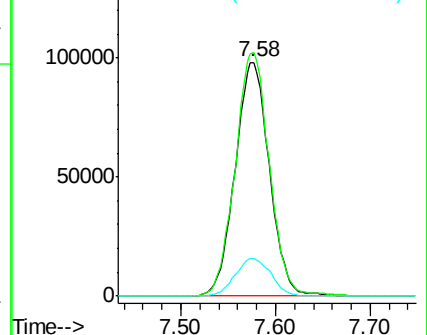


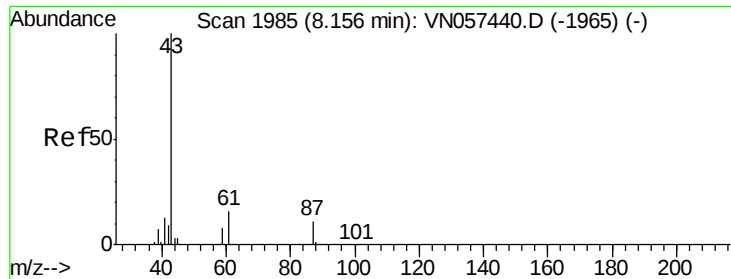
#35
 Dibromofluoromethane
 Concen: 46.476 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057457.D
 Acq: 23 Aug 2019 1:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	16.8	13.5	20.3



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: 8.562 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057457.D

Acq: 23 Aug 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

OK-01-082119

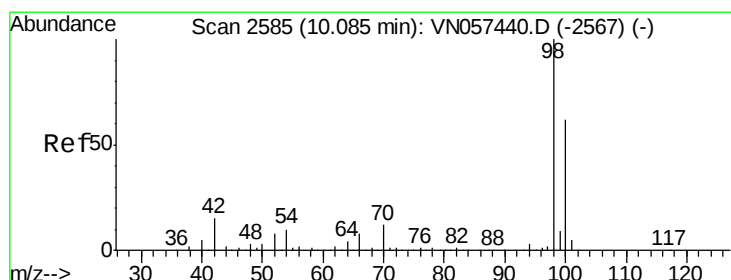
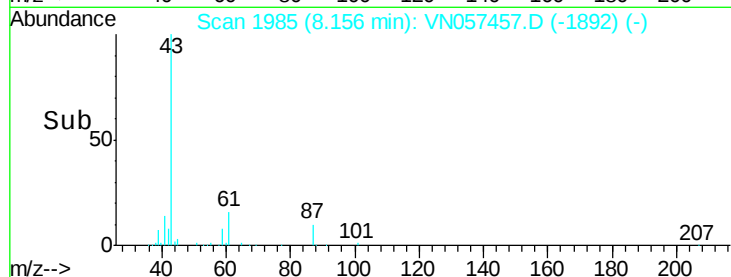
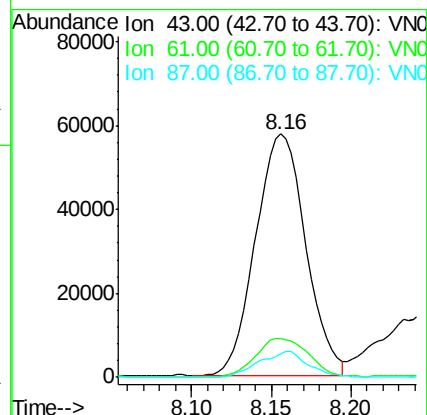
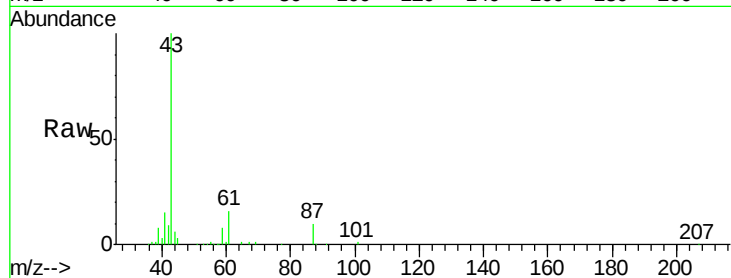
Tot Ion: 43 Resp: 124660

Ion Ratio Lower Upper

43 100

61 17.2 14.5 21.7

87 10.5 8.6 12.8



#50

Toluene-d8

Concen: 48.966 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057457.D

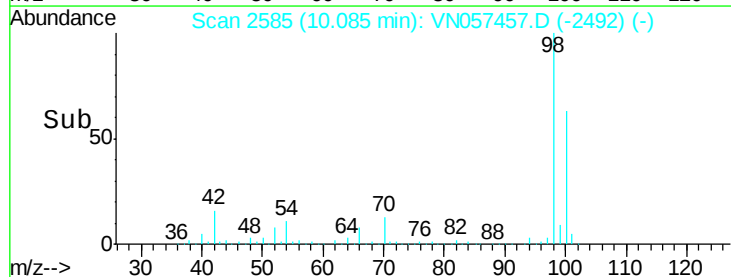
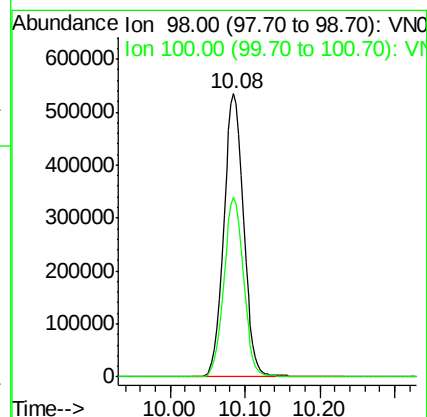
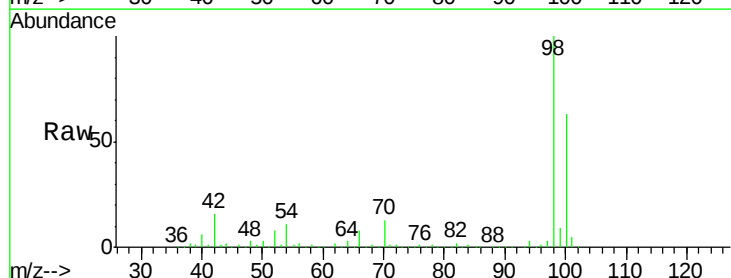
Acq: 23 Aug 2019 1:56

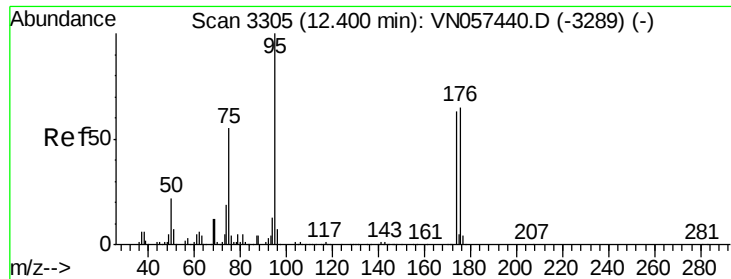
Tgt Ion: 98 Resp: 983464

Ion Ratio Lower Upper

98 100

100 62.6 50.4 75.6

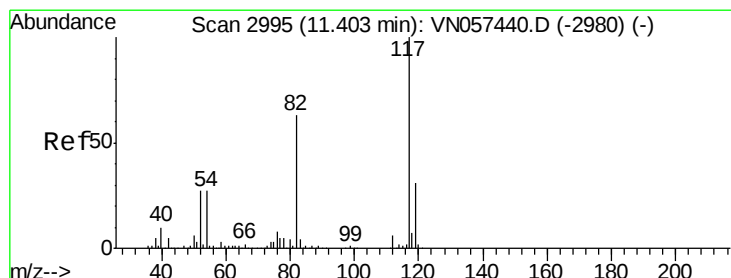
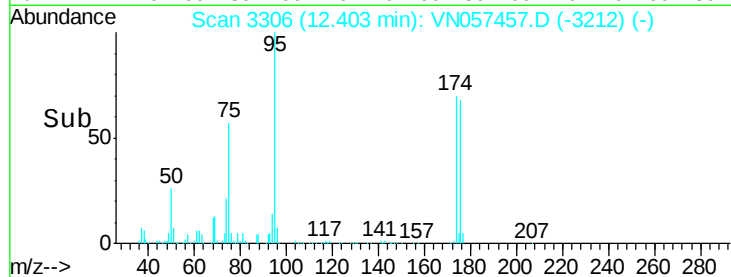
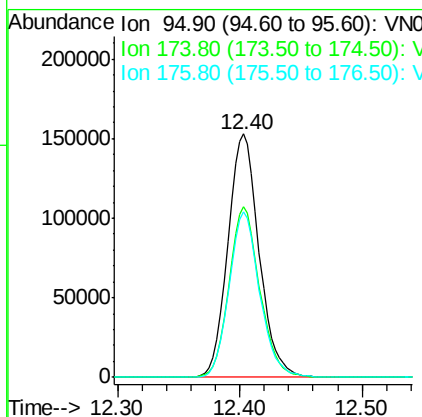
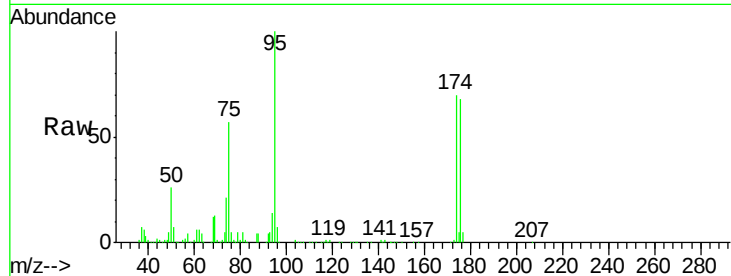




#62
4-Bromofluorobenzene
Concen: 40.094 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057457.D
Acq: 23 Aug 2019 1:56

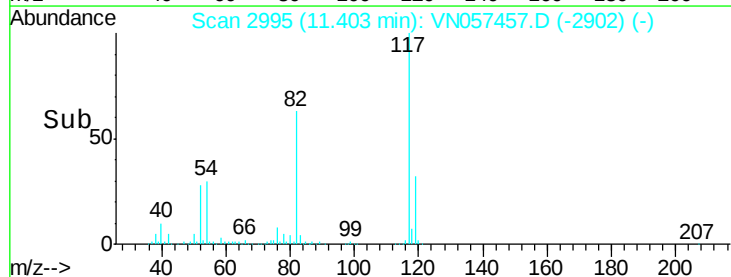
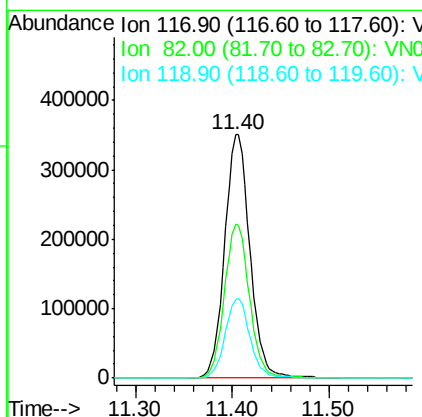
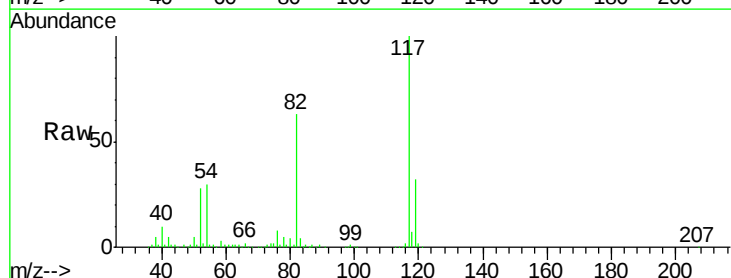
Instrument :
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OK-01-082119

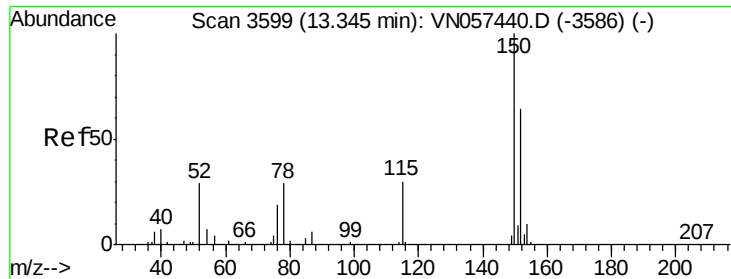
Tot Ion	95	Resp	272896
Ion Ratio	Lower	Upper	
95	100		
174	69.0	0.0	133.0
176	66.7	0.0	130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057457.D
Acq: 23 Aug 2019 1:56

Tgt Ion	117	Resp	635801
Ion Ratio	Lower	Upper	
117	100		
82	63.4	50.6	75.8
119	32.4	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057457.D

Acq: 23 Aug 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

OK-01-082119

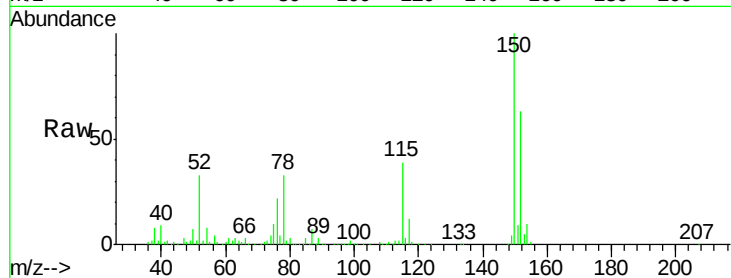
Tot Ion:152 Resp: 164906

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.0

150 160.9 0.0 346.6



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

