

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058651.D
 Acq On : 9 Oct 2019 19:32
 Operator : JC/SP
 Sample : K5147-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-100719

Quant Time: Oct 10 05:13:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

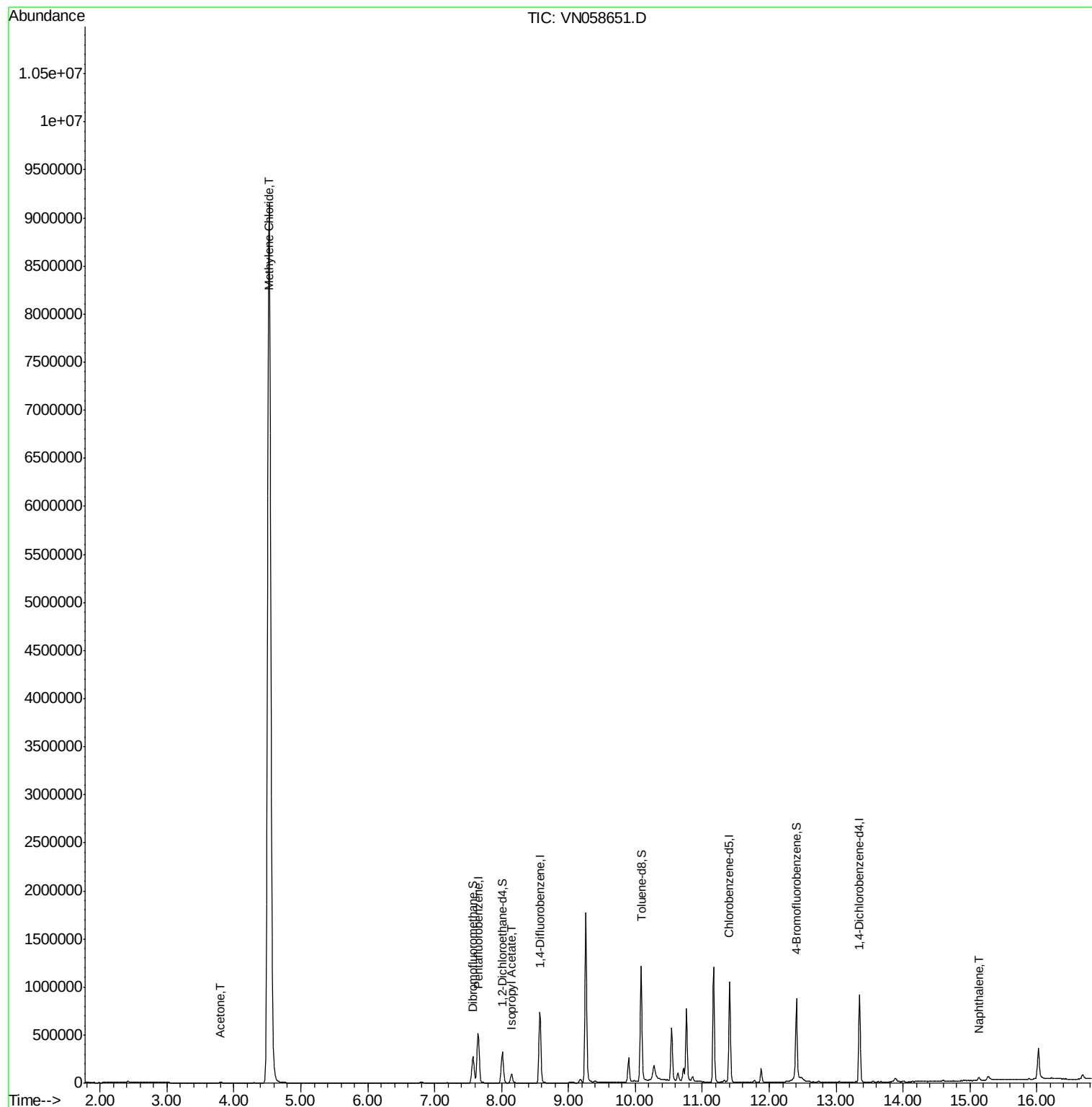
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	419953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	651292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	235545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	288877	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	7.57	113	210931	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
50) Toluene-d8	10.08	98	842363	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
62) 4-Bromofluorobenzene	12.41	95	275838	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
Target Compounds						
16) Acetone	3.80	43	11746	5.615	ug/l	89
20) Methylene Chloride	4.53	84	7246872	1501.063	ug/l #	83
43) Isopropyl Acetate	8.15	43	106974	10.774	ug/l	98
95) Naphthalene	15.13	128	18520	1.581	ug/l	100

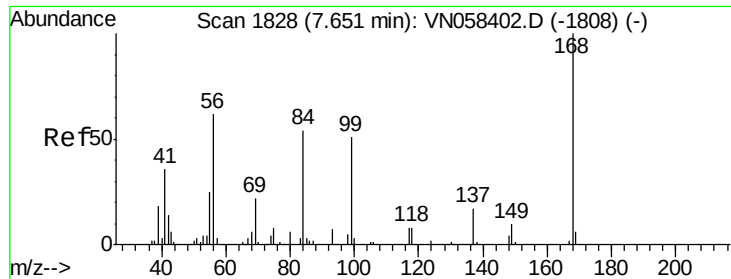
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058651.D

Acq: 9 Oct 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

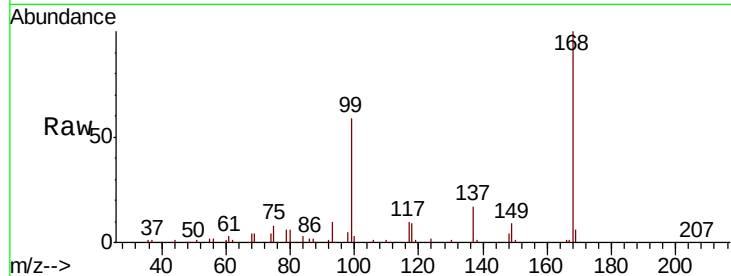
OK-03-100719

Tot Ion:168 Resp: 419953

Ion Ratio Lower Upper

168 100

99 59.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

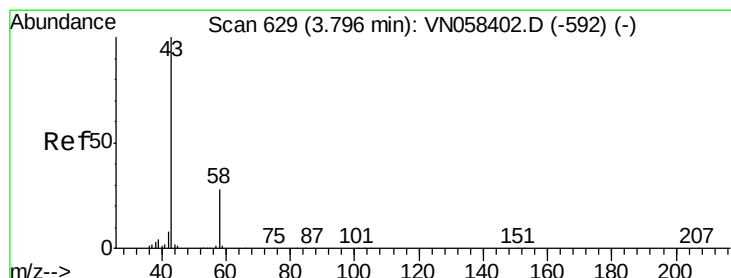
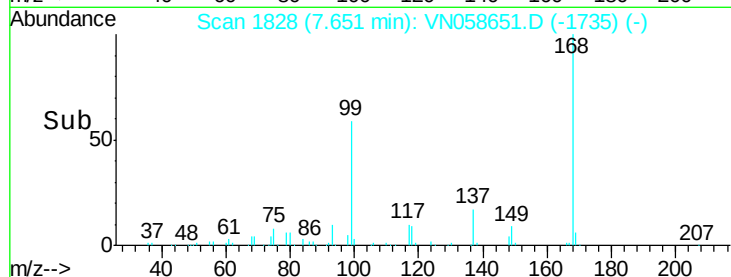
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.615 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058651.D

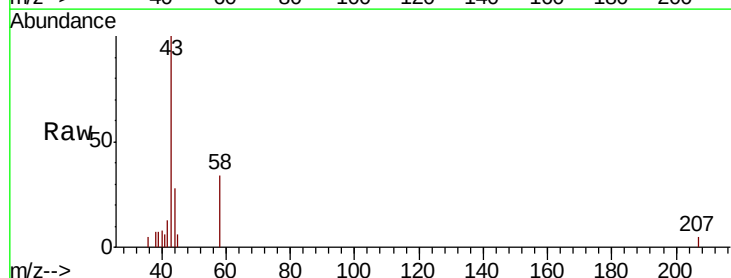
Acq: 9 Oct 2019 19:32

Tgt Ion: 43 Resp: 11746

Ion Ratio Lower Upper

43 100

58 33.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

4000

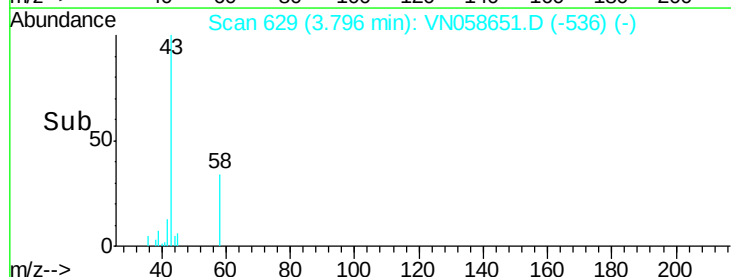
3000

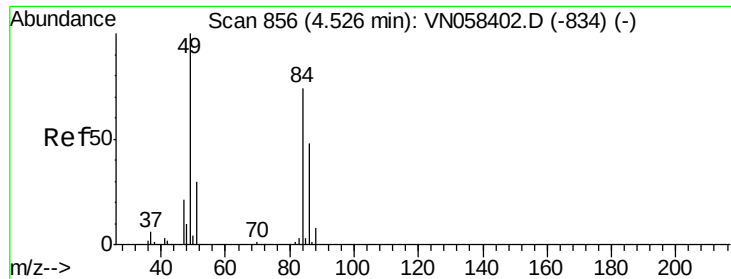
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 1501.063 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058651.D

Acq: 9 Oct 2019 19:32

Instrument :

MSVOA_N

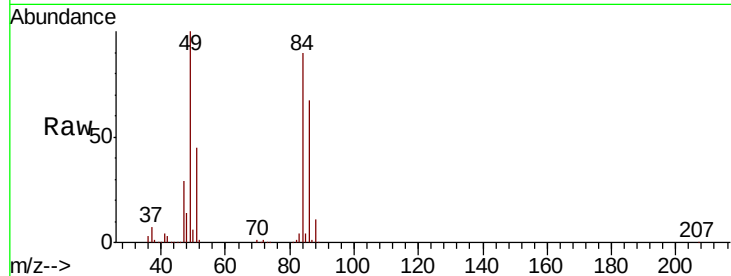
ClientSampleId :

OK-03-100719

Tot Ion: 84 Resp: 7246872

Ion	Ratio	Lower	Upper
84	100		
49	111.4	107.9	161.9
51	50.0	32.8	49.2#
86	75.2	51.5	77.3

84	100		
49	111.4	107.9	161.9
51	50.0	32.8	49.2#
86	75.2	51.5	77.3



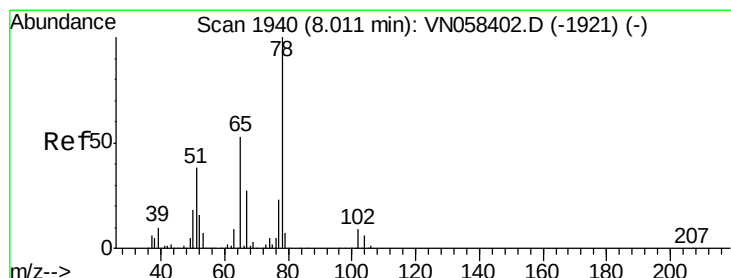
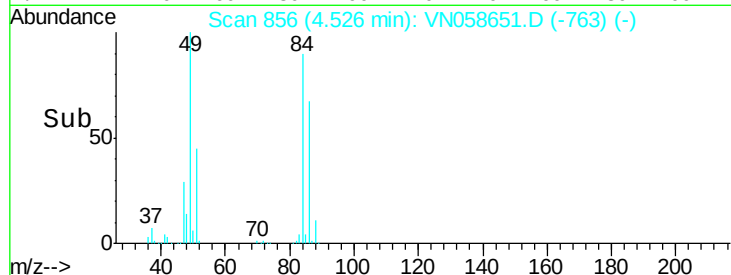
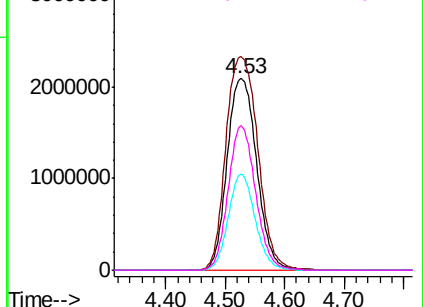
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.072 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

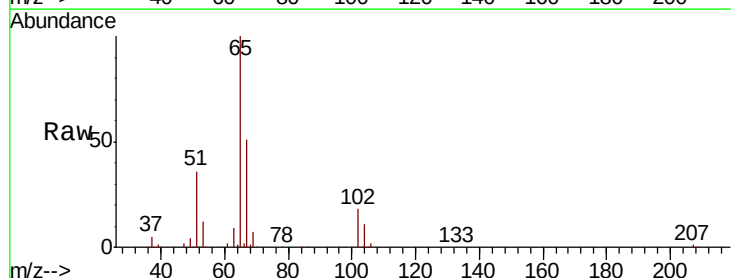
Lab File: VN058651.D

Acq: 9 Oct 2019 19:32

Tgt Ion: 65 Resp: 288877

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.4

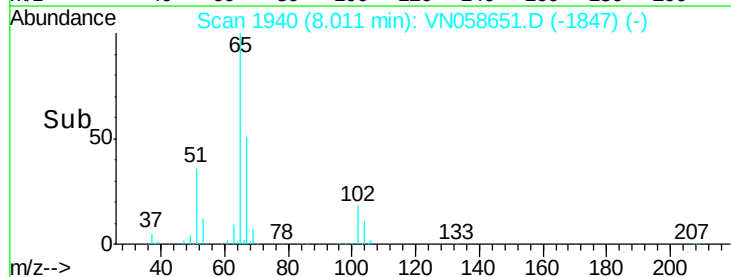
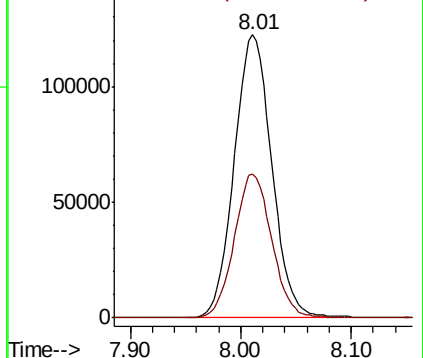
65	100		
67	50.6	0.0	102.4

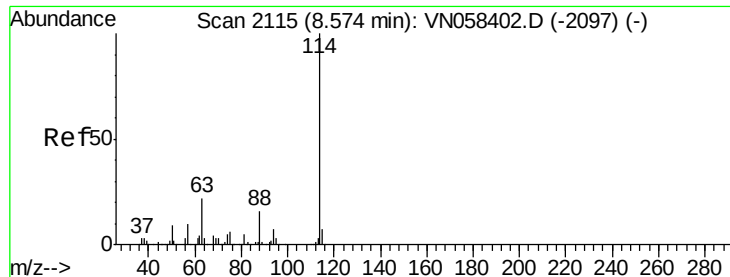


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

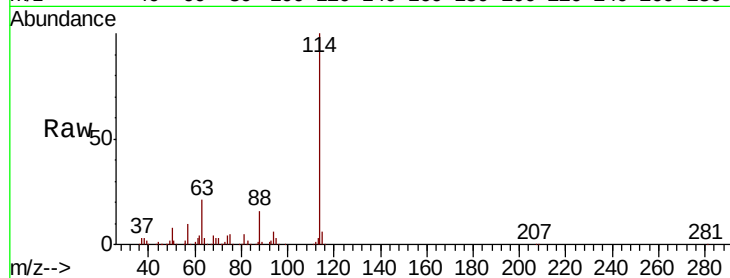




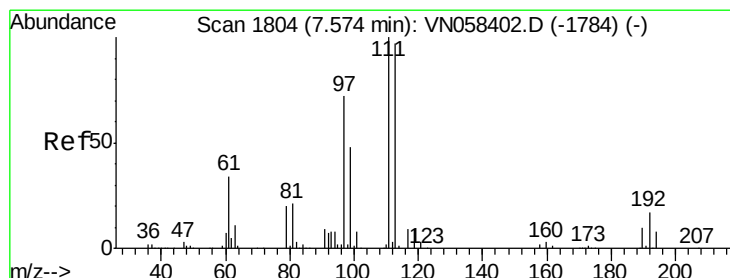
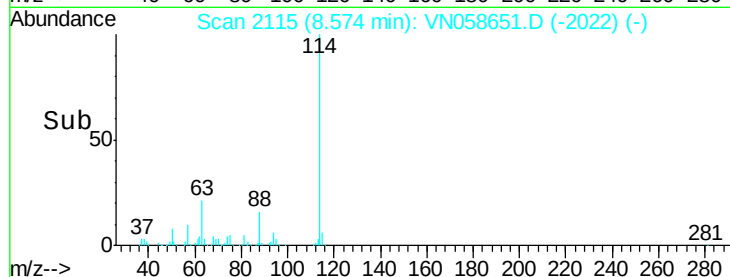
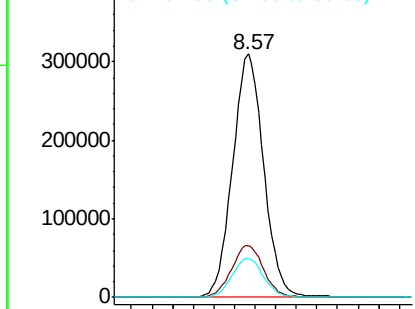
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058651.D
 Acq: 9 Oct 2019 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-100719

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	45.0
88	15.9	0.0	32.2

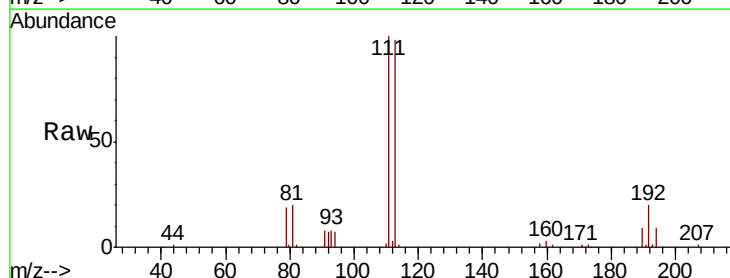


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

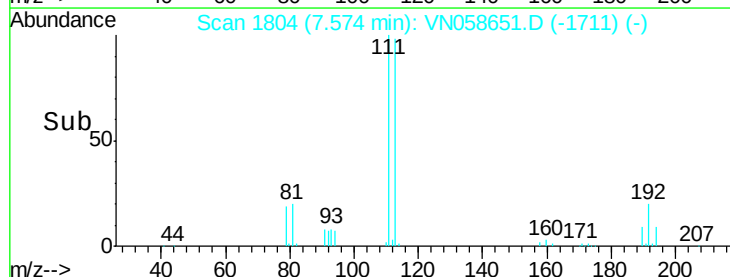
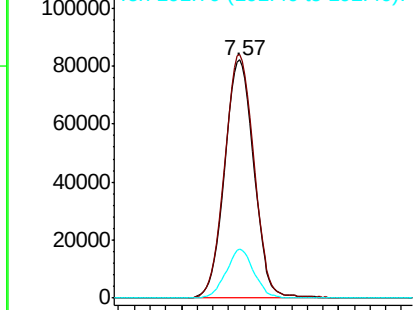


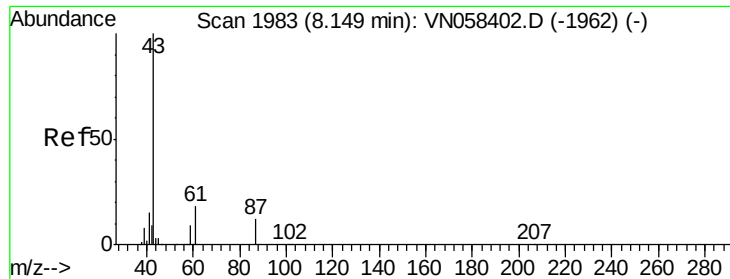
#35
 Dibromofluoromethane
 Concen: 52.842 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058651.D
 Acq: 9 Oct 2019 19:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	19.6	14.9	22.3



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: 10.774 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058651.D

Acq: 9 Oct 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

OK-03-100719

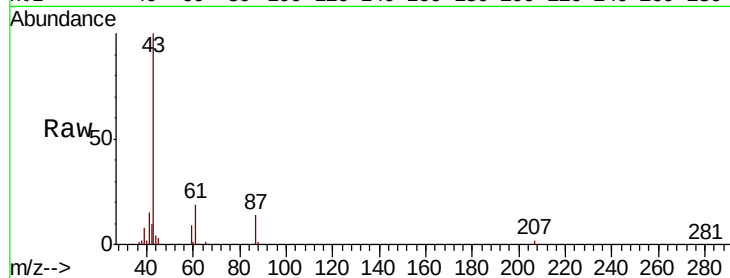
Tot Ion: 43 Resp: 106974

Ion Ratio Lower Upper

43 100

61 19.1 14.8 22.2

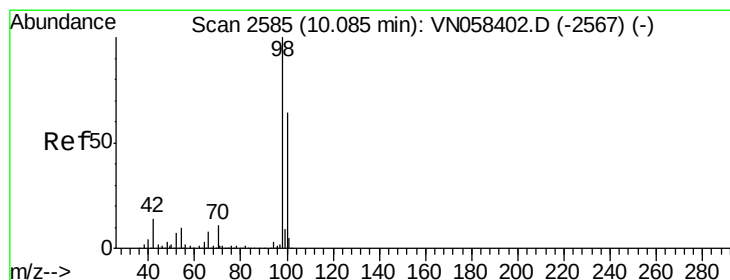
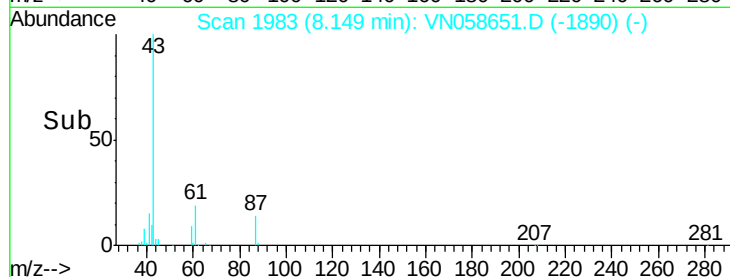
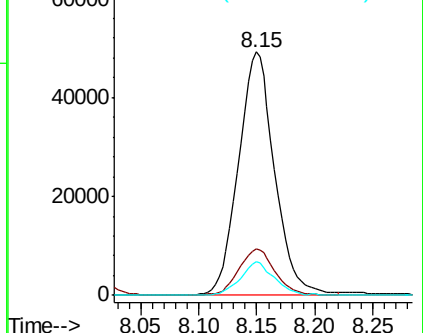
87 12.7 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN058402.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN058402.D (-1962) (-)



#50

Toluene-d8

Concen: 53.869 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058651.D

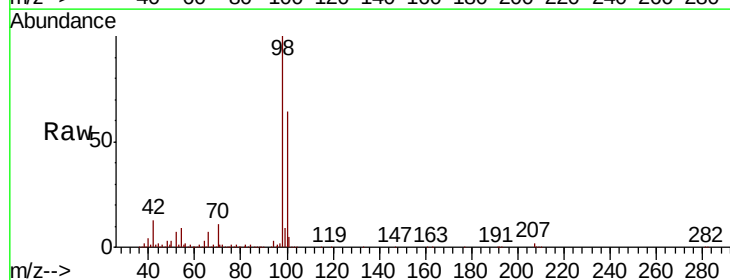
Acq: 9 Oct 2019 19:32

Tgt Ion: 98 Resp: 842363

Ion Ratio Lower Upper

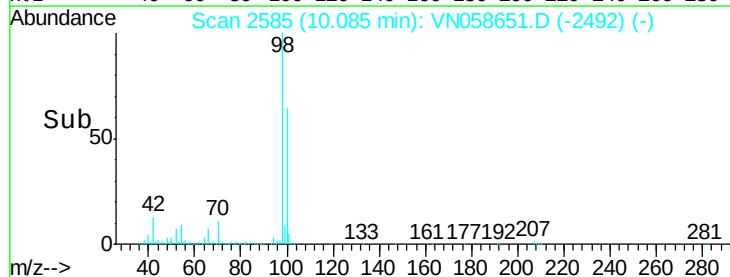
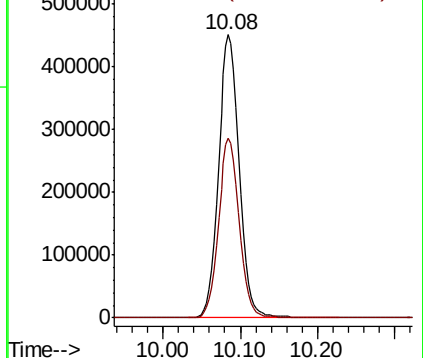
98 100

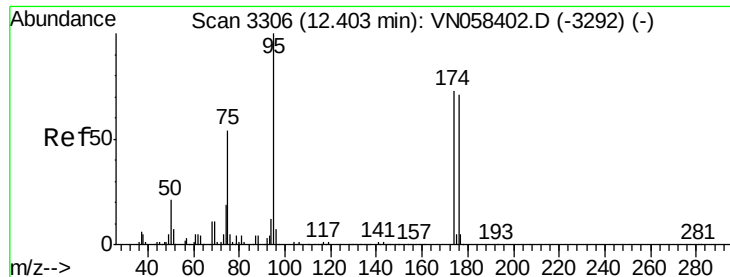
100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

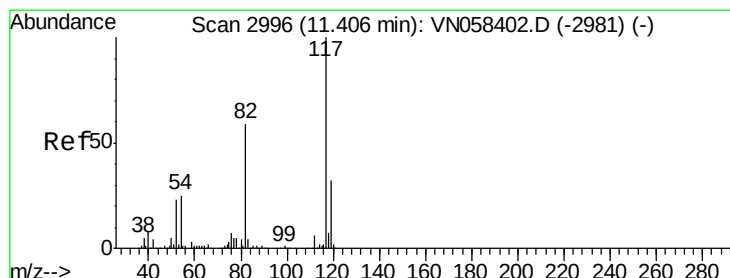
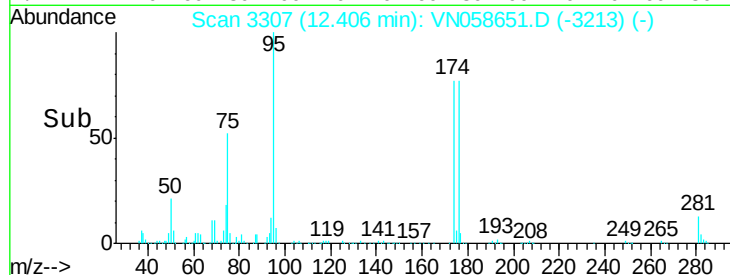
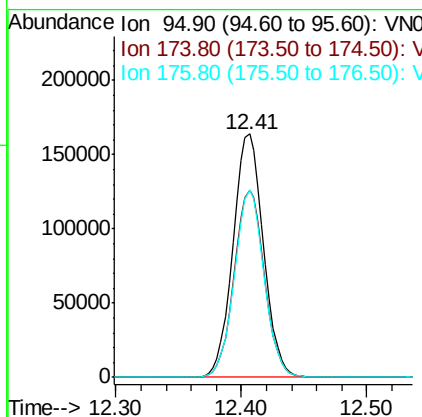
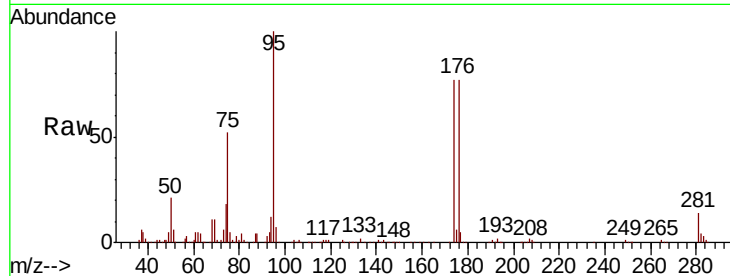




#62
4-Bromofluorobenzene
Concen: 48.785 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058651.D
Acq: 9 Oct 2019 19:32

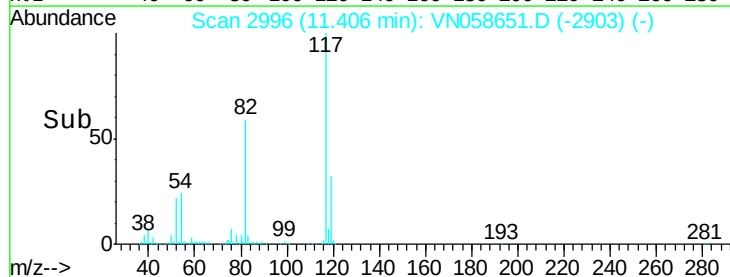
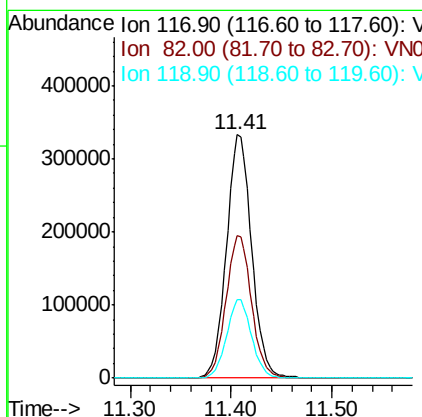
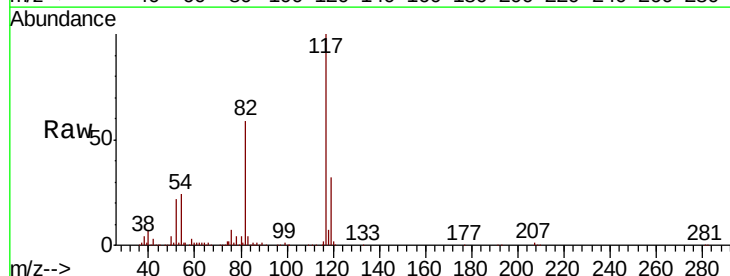
Instrument :
MSVOA_N
ClientSampleId :
OK-03-100719

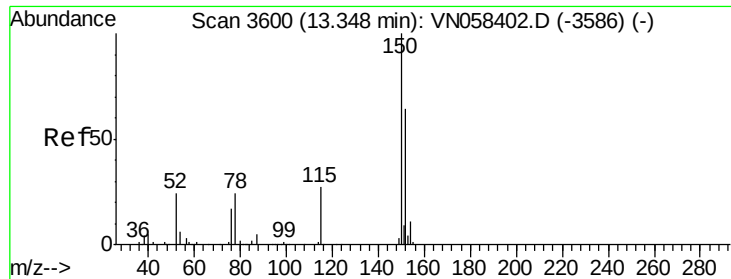
Tot Ion: 95 Resp: 275838
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.6
176 75.3 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058651.D
Acq: 9 Oct 2019 19:32

Tgt Ion: 117 Resp: 580833
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058651.D

Acq: 9 Oct 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

OK-03-100719

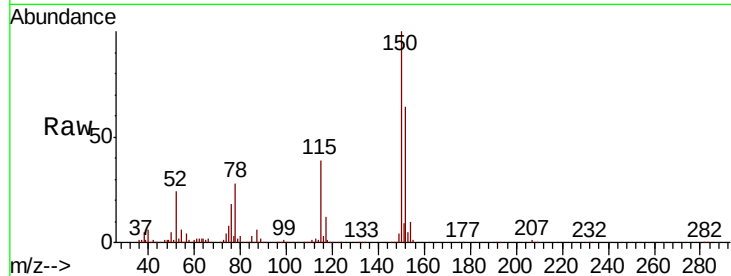
Tot Ion:152 Resp: 235545

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 157.0 0.0 348.2

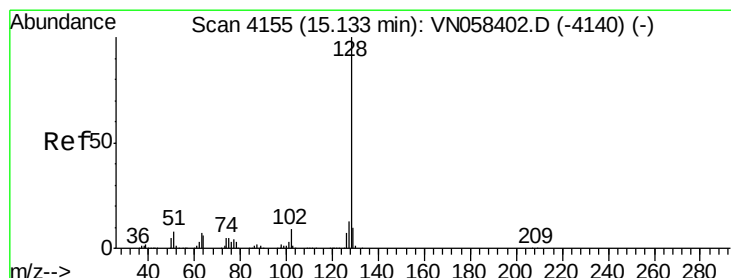
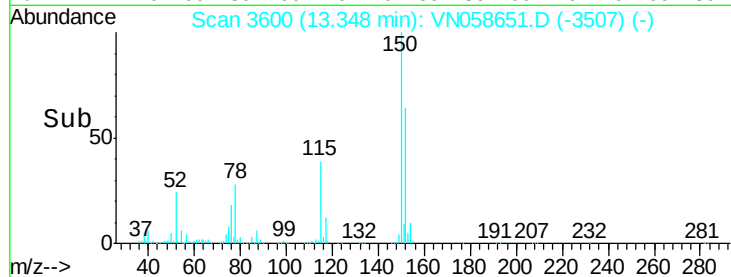
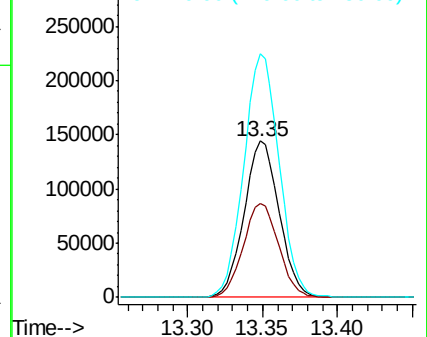


Abundance

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: 1.581 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058651.D

Acq: 9 Oct 2019 19:32

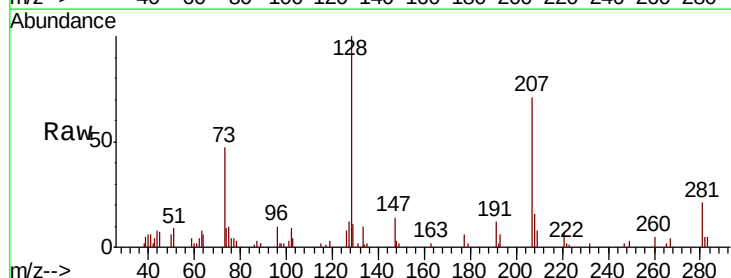
Tgt Ion:128 Resp: 18520

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.2 8.3 12.5



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

