

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060238.D
 Acq On : 25 Feb 2020 16:44
 Operator : JC/MD
 Sample : L1367-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-022420

Quant Time: Feb 25 22:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

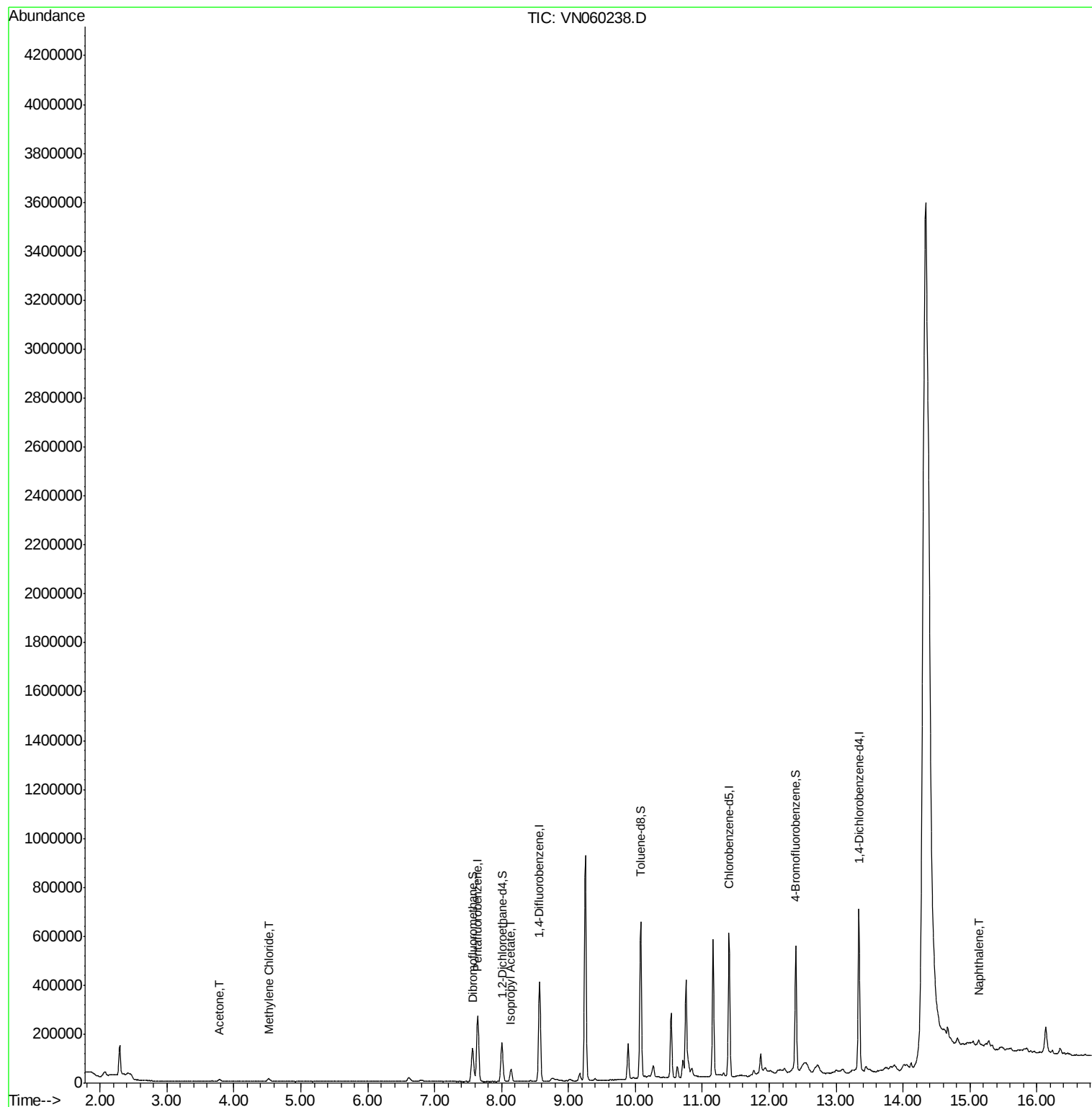
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	218988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	350537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	334798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134591	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.57	113	106609	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	10.08	98	430678	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	170175	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
Target Compounds						
16) Acetone	3.78	43	12756	10.974	ug/l	98
20) Methylene Chloride	4.52	84	8405	3.625	ug/l	97
43) Isopropyl Acetate	8.14	43	59421	11.846	ug/l #	91
95) Naphthalene	15.13	128	19814	2.254	ug/l #	95

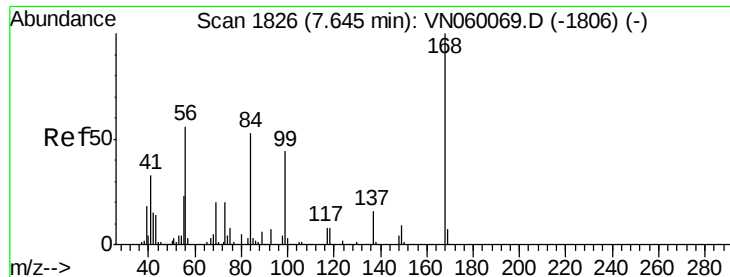
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060238.D

Acq: 25 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

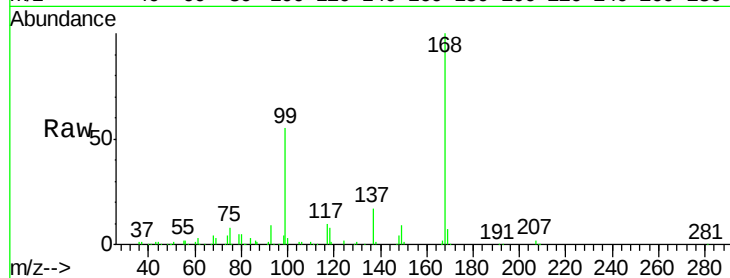
OK-02-022420

Tot Ion:168 Resp: 218988

Ion Ratio Lower Upper

168 100

99 55.2 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

100000

80000

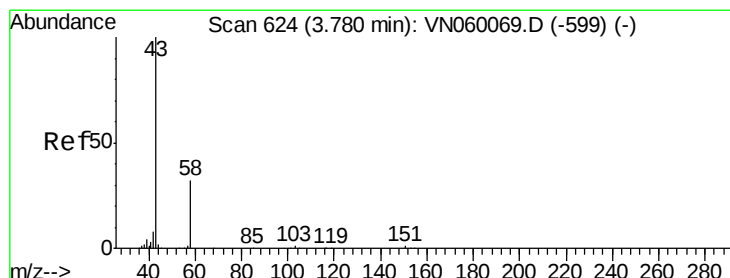
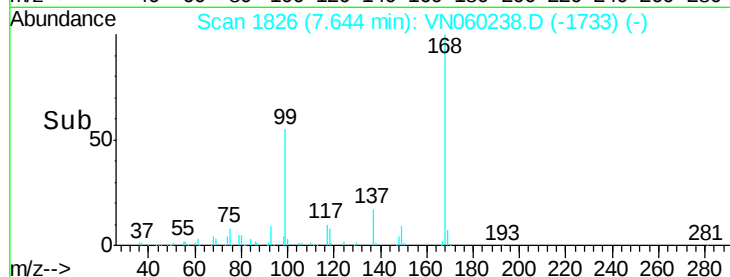
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.974 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060238.D

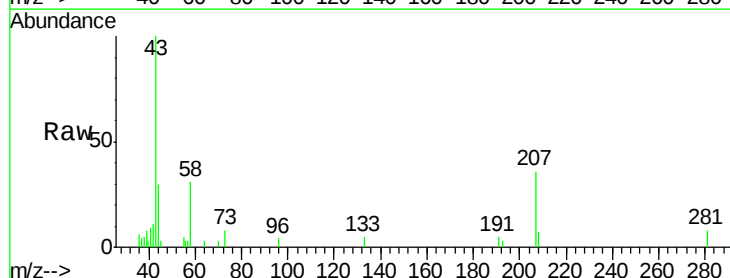
Acq: 25 Feb 2020 16:44

Tgt Ion: 43 Resp: 12756

Ion Ratio Lower Upper

43 100

58 32.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

5000

4000

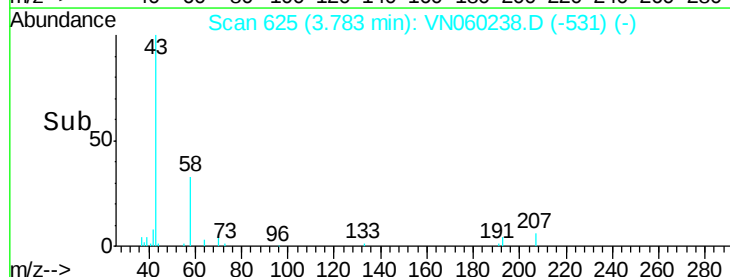
3000

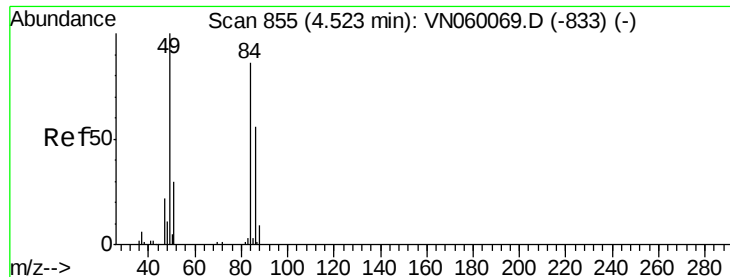
2000

1000

0

Time-->

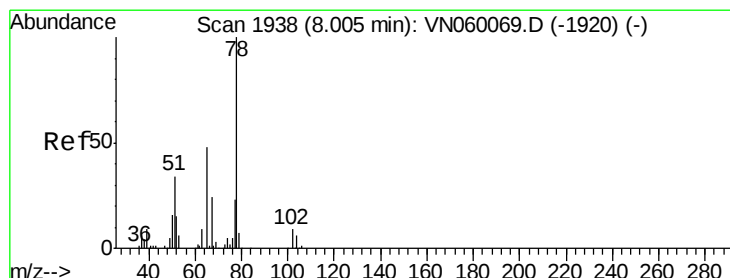
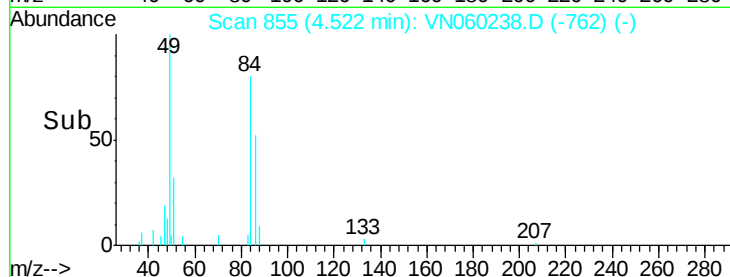
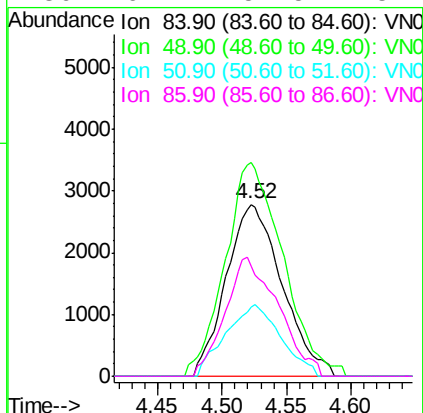
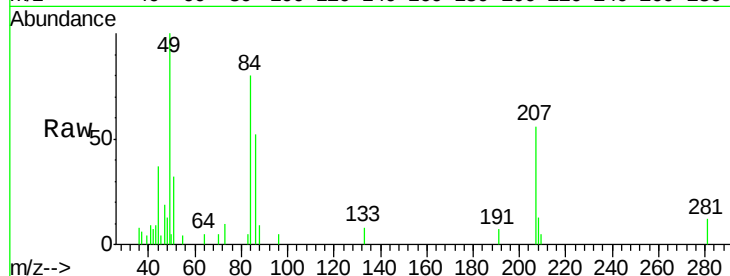




#20
Methylene Chloride
Concen: 3.625 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060238.D
Acq: 25 Feb 2020 16:44

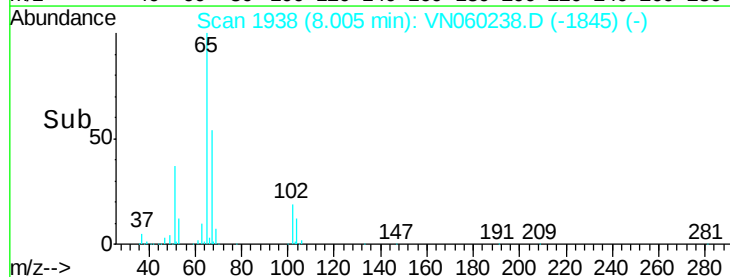
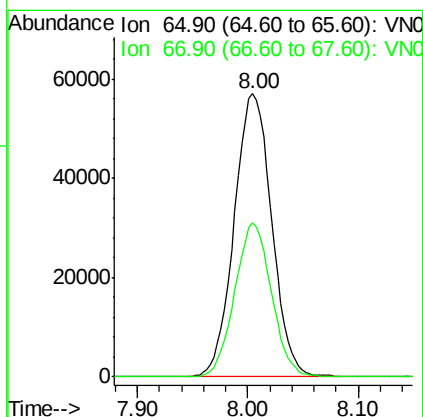
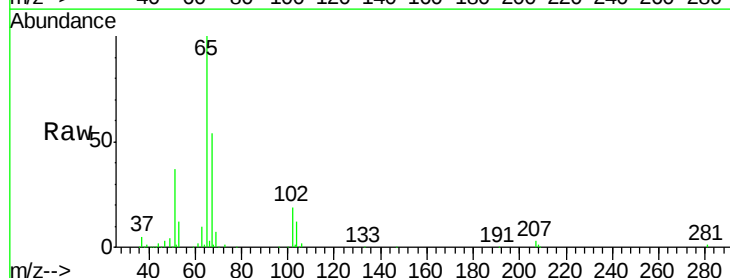
Instrument :
MSVOA_N
ClientSampled :
OK-02-022420

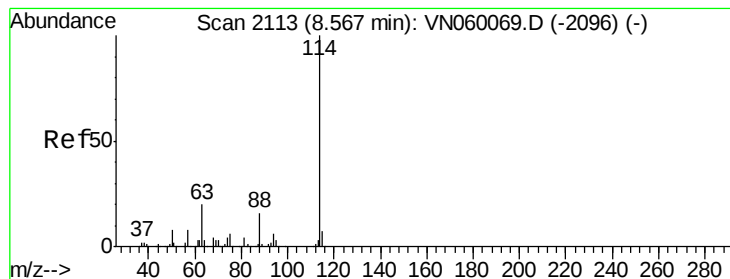
Tot Ion:	84	Resp:	8405
Ion	Ratio	Lower	Upper
84	100		
49	118.5	93.4	140.0
51	40.0	28.4	42.6
86	64.1	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 50.509 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060238.D
Acq: 25 Feb 2020 16:44

Tgt Ion:	65	Resp:	134591
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060238.D

Acq: 25 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

OK-02-022420

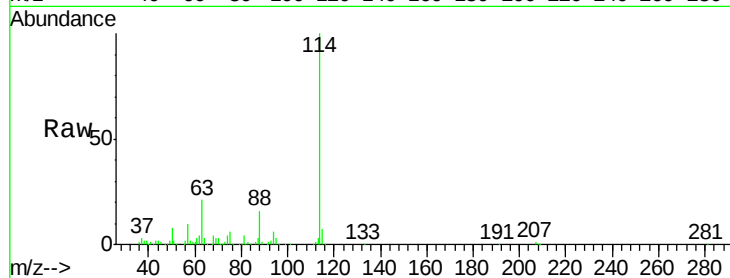
Tot Ion:114 Resp: 350537

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

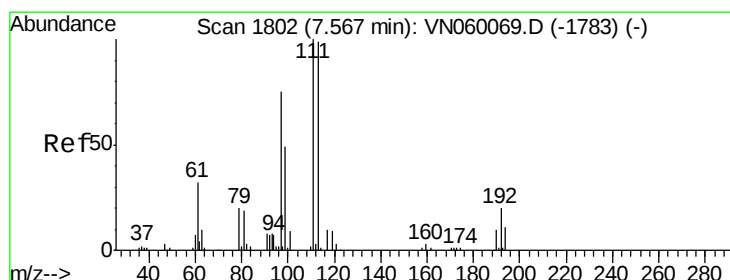
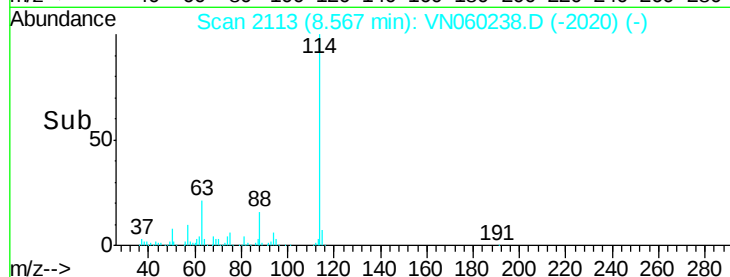
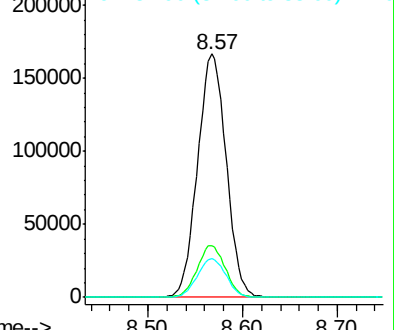
88 15.9 0.0 31.6



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: 49.476 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060238.D

Acq: 25 Feb 2020 16:44

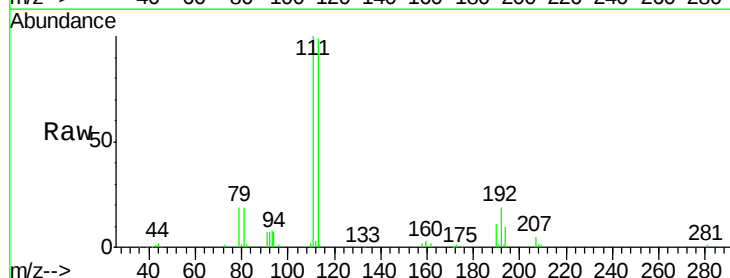
Tgt Ion:113 Resp: 106609

Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.2

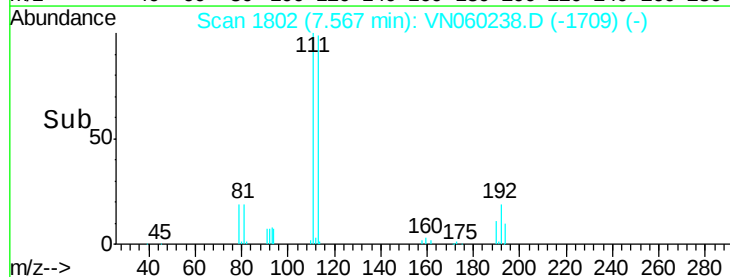
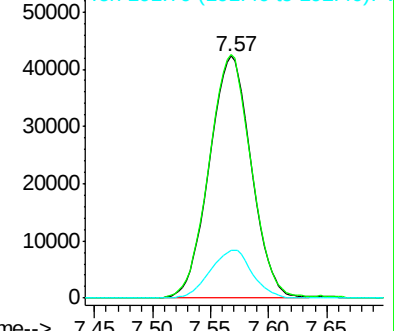
192 19.7 16.2 24.2

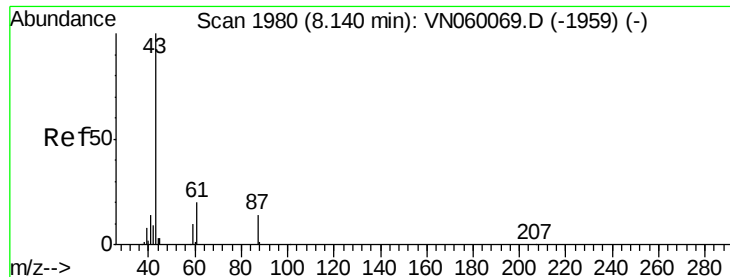


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.846 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060238.D

Acq: 25 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

OK-02-022420

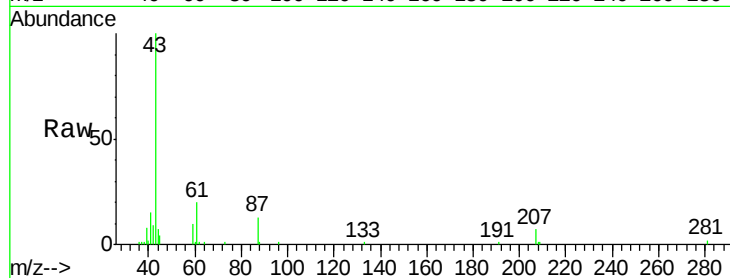
Tot Ion: 43 Resp: 59421

Ion Ratio Lower Upper

43 100

61 20.5 21.8 32.6#

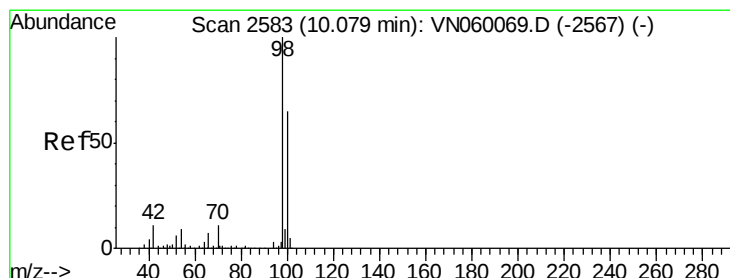
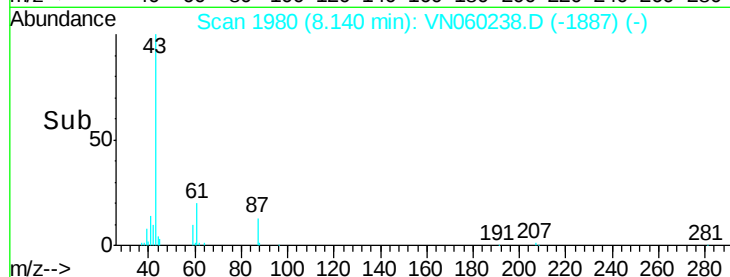
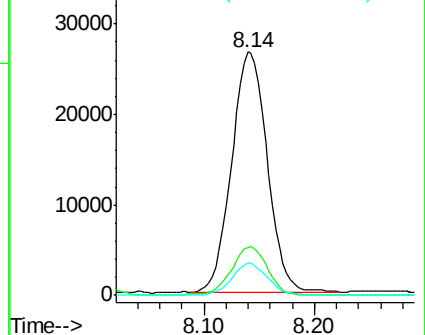
87 13.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#50

Toluene-d8

Concen: 50.756 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060238.D

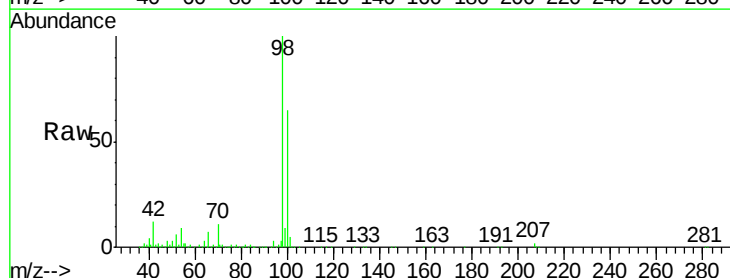
Acq: 25 Feb 2020 16:44

Tgt Ion: 98 Resp: 430678

Ion Ratio Lower Upper

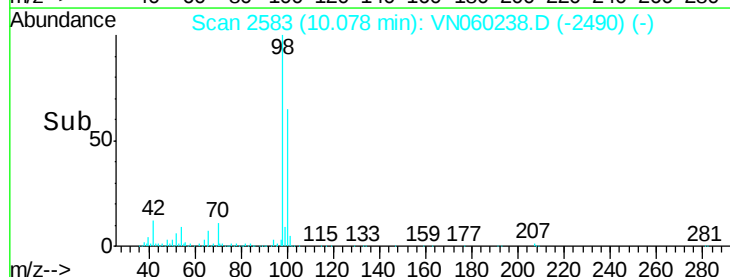
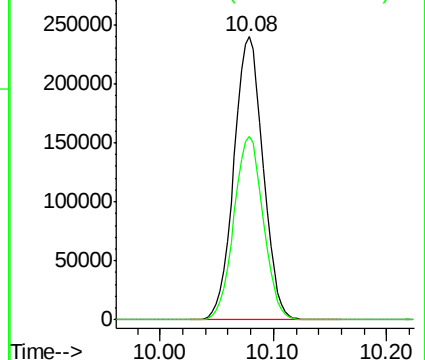
98 100

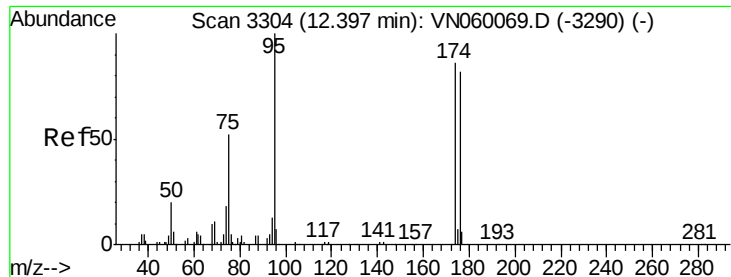
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)

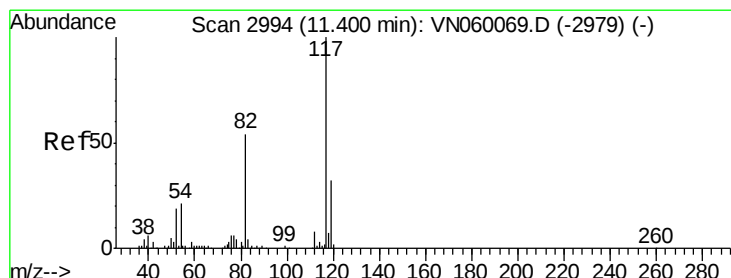
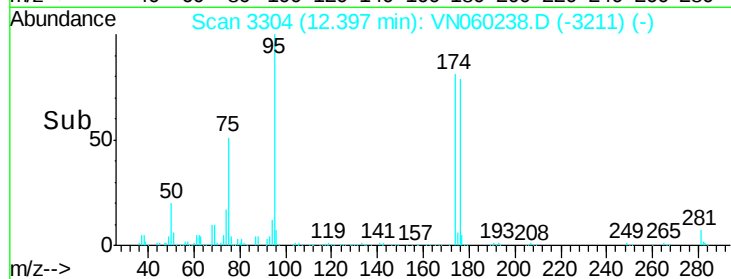
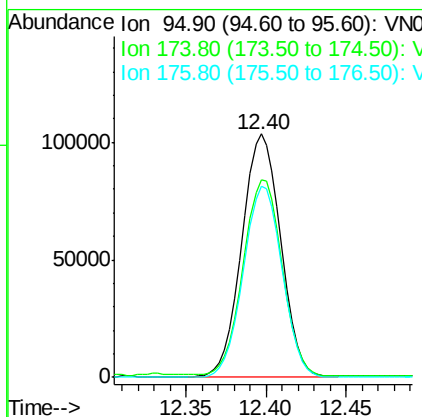
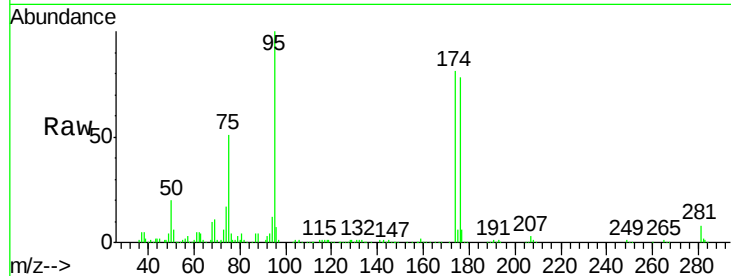




#62
4-Bromofluorobenzene
Concen: 54.579 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060238.D
Acq: 25 Feb 2020 16:44

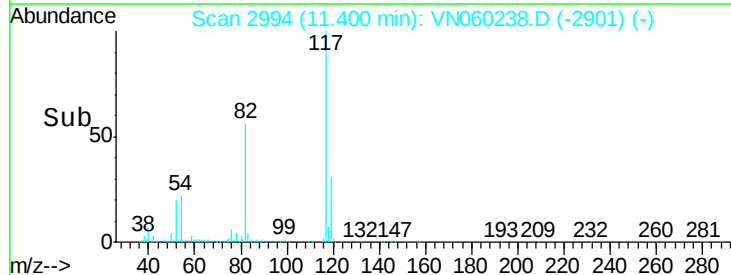
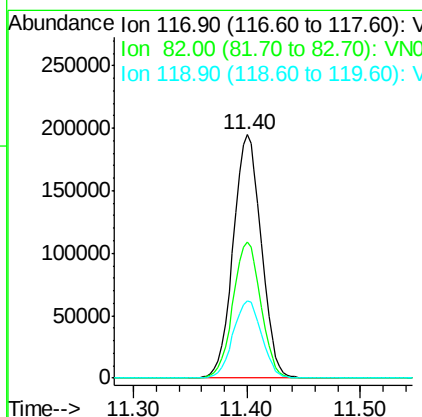
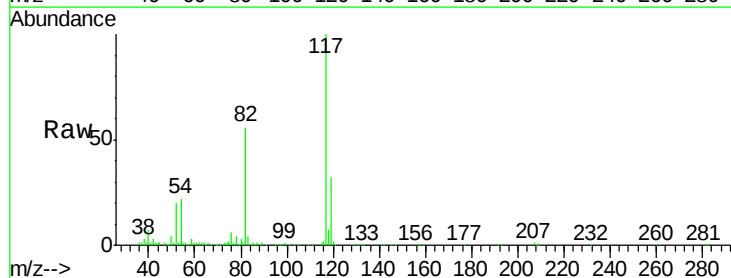
Instrument :
MSVOA_N
ClientSampled :
OK-02-022420

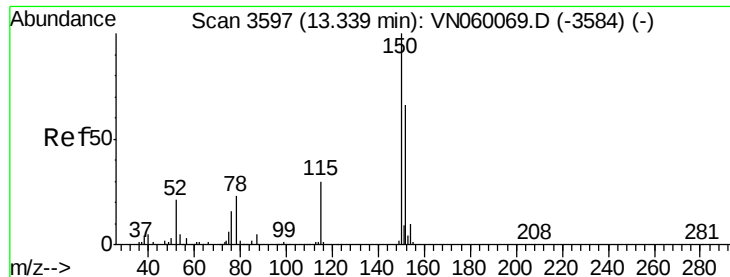
Tot Ion: 95 Resp: 170175
Ion Ratio Lower Upper
95 100
174 81.8 0.0 169.8
176 79.1 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060238.D
Acq: 25 Feb 2020 16:44

Tgt Ion: 117 Resp: 334798
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060238.D

Acq: 25 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

OK-02-022420

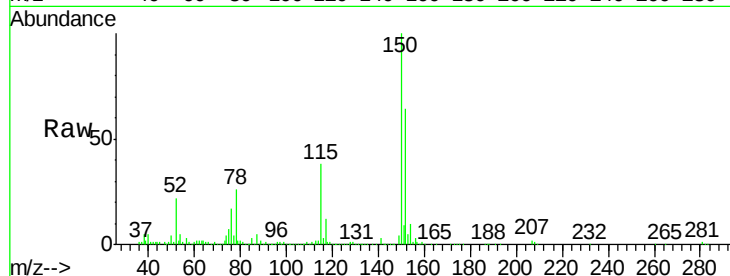
Tot Ion:152 Resp: 172486

Ion Ratio Lower Upper

152 100

115 60.5 28.9 86.8

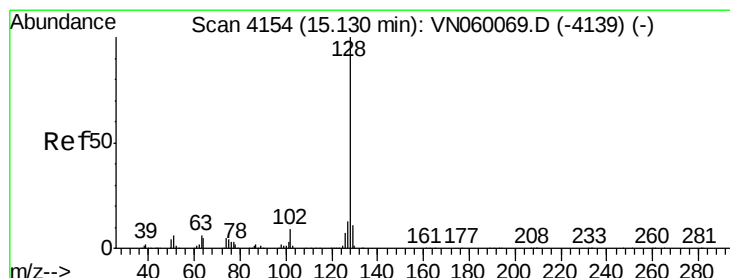
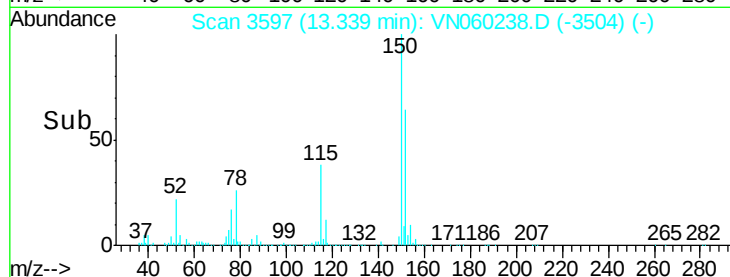
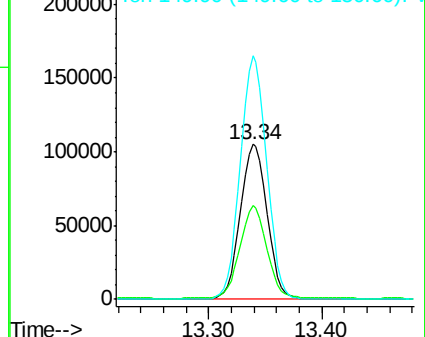
150 155.9 0.0 342.4



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: 2.254 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060238.D

Acq: 25 Feb 2020 16:44

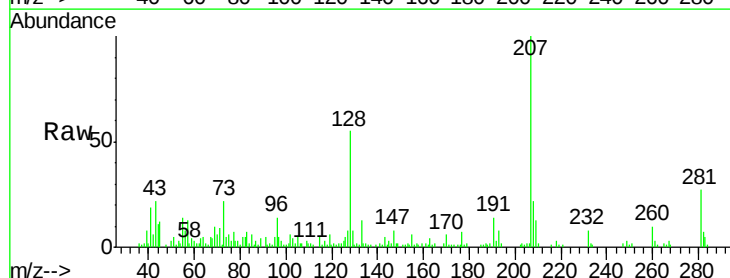
Tgt Ion:128 Resp: 19814

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 13.1 8.6 13.0#



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

