

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053360.D
 Acq On : 11 Jan 2019 12:29
 Operator : JC/SP
 Sample : PB116316ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

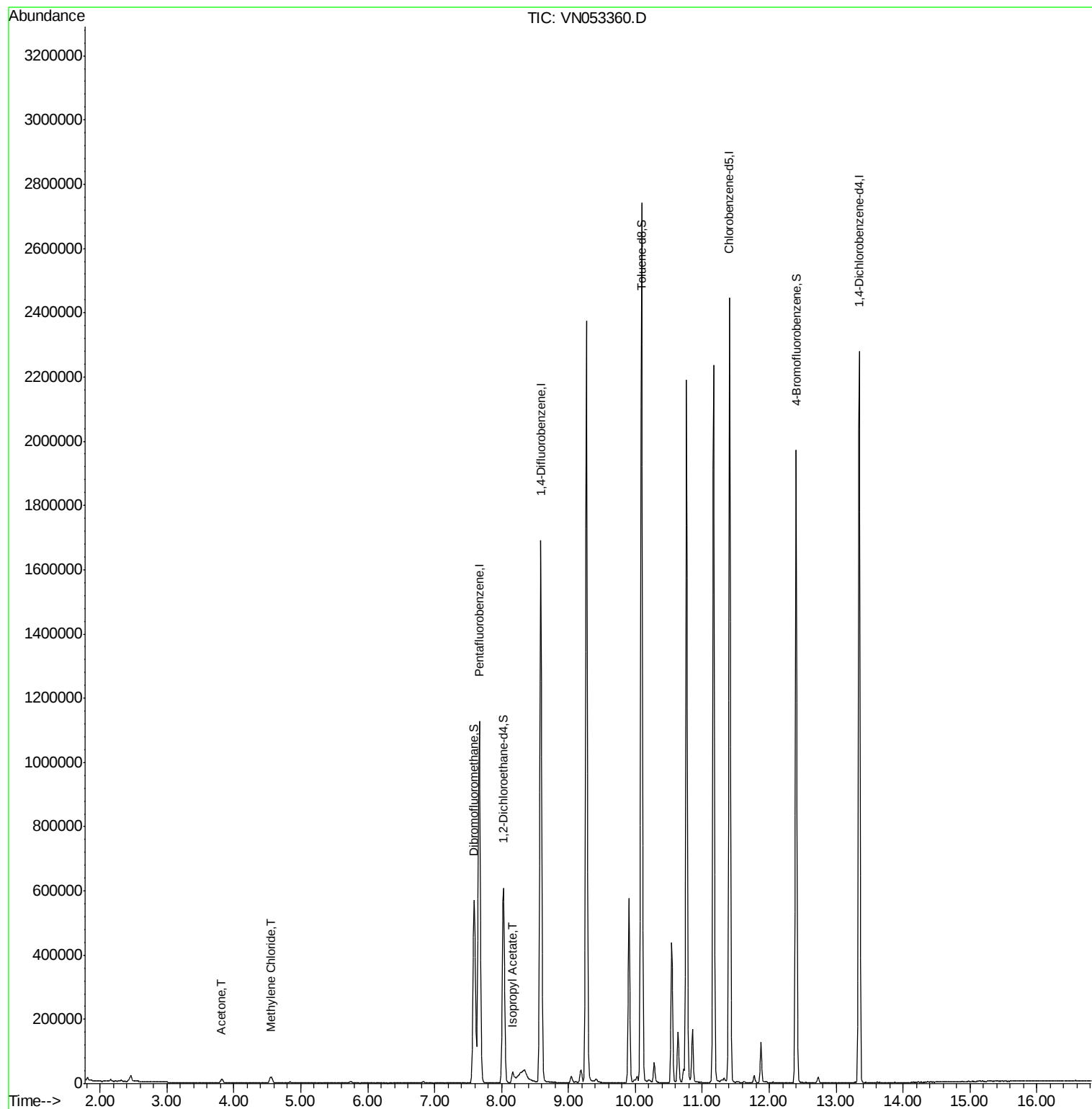
Quant Time: Jan 12 01:14:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

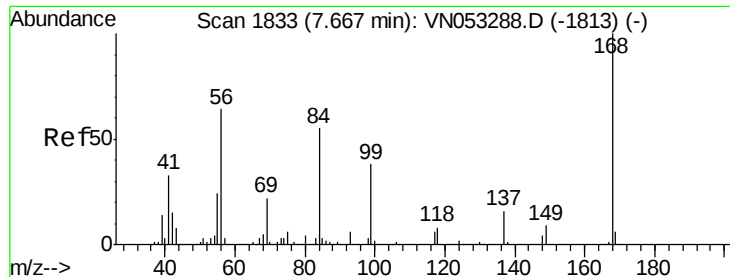
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1003016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1578113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1496731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	650340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	511201	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	7.59	113	442677	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.09	98	1983803	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	688966	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
Target Compounds						
16) Acetone	3.81	43	21261	6.287	ug/l	100
20) Methylene Chloride	4.55	84	15628	1.394	ug/l	96
43) Isopropyl Acetate	8.17	43	45914	2.432	ug/l #	83

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

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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: VN053360.D

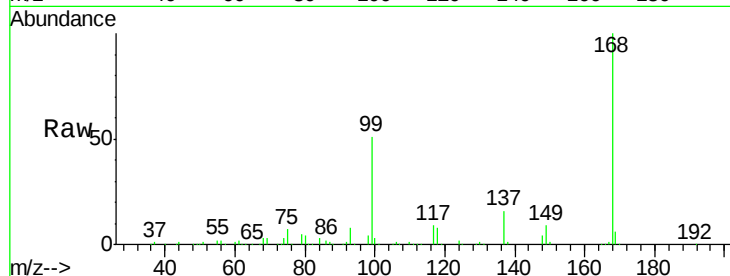
Acq: 11 Jan 2019 12:29

Tot Ion:168 Resp: 1003016

Ion Ratio Lower Upper

168 100

99 50.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

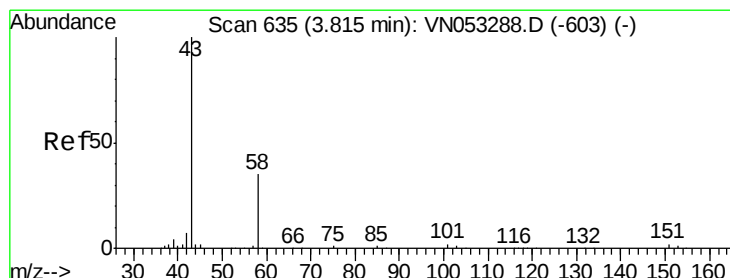
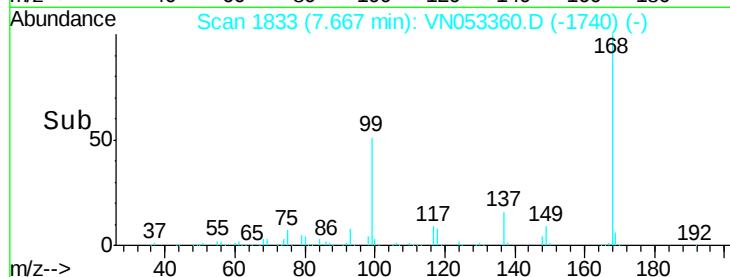
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.287 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053360.D

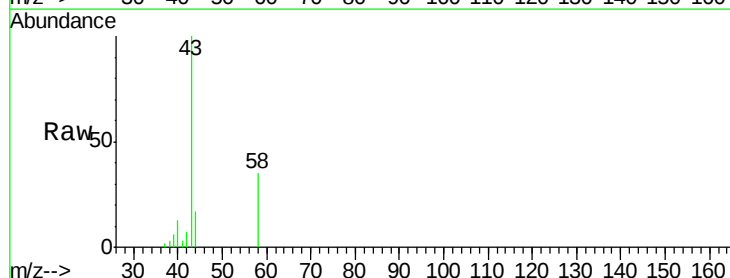
Acq: 11 Jan 2019 12:29

Tgt Ion: 43 Resp: 21261

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

8000

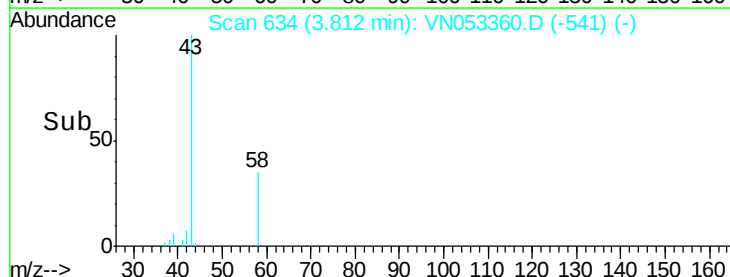
6000

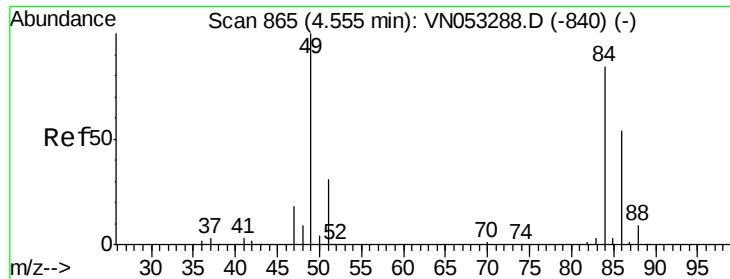
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.394 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053360.D

Acq: 11 Jan 2019 12:29

Tot Ion: 84 Resp: 15628

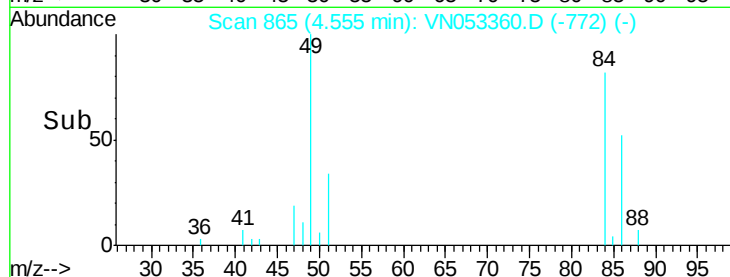
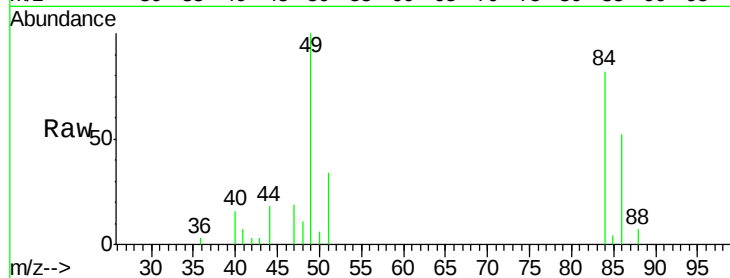
Ion Ratio Lower Upper

84 100

49 122.6 95.3 142.9

51 41.8 29.0 43.6

86 63.7 51.7 77.5

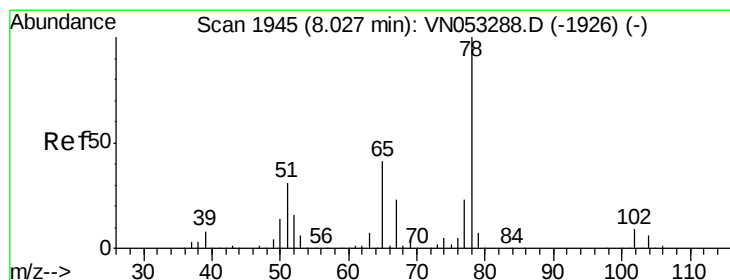
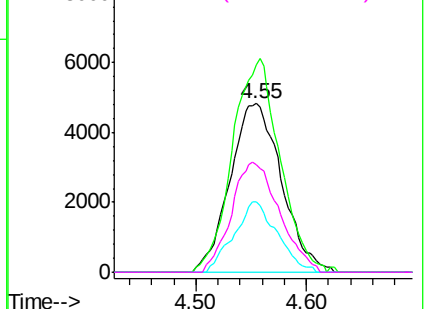


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053360.D

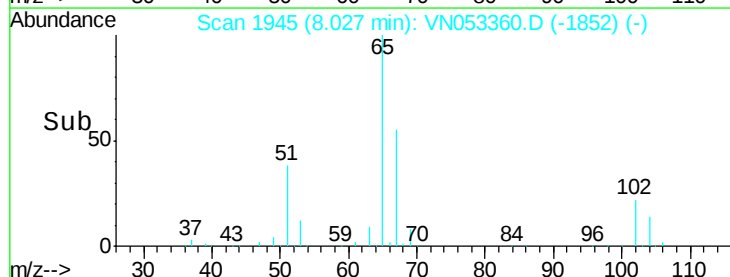
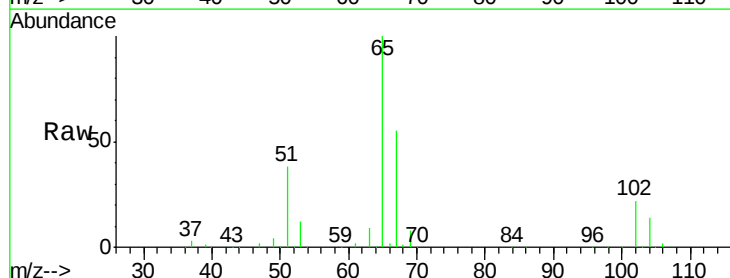
Acq: 11 Jan 2019 12:29

Tgt Ion: 65 Resp: 511201

Ion Ratio Lower Upper

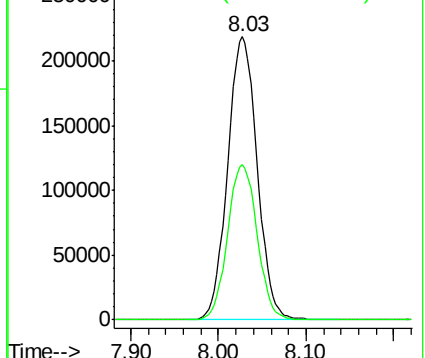
65 100

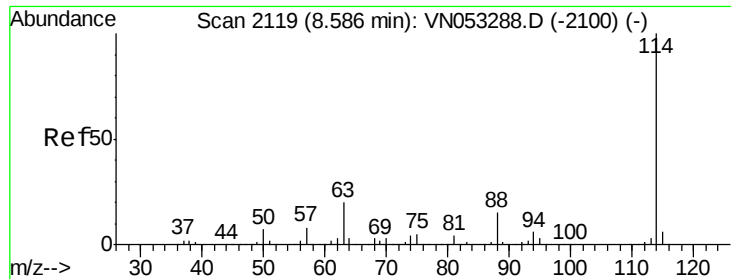
67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

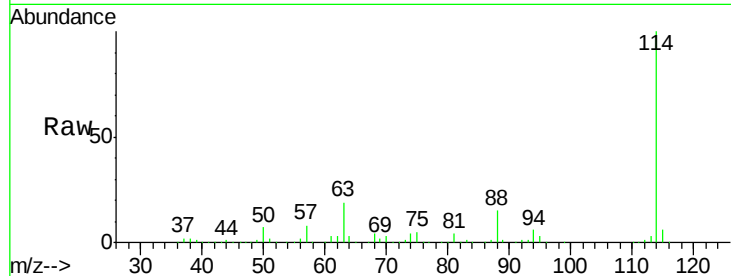




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053360.D
Acq: 11 Jan 2019 12:29

Tot Ion:114 Resp: 1578113

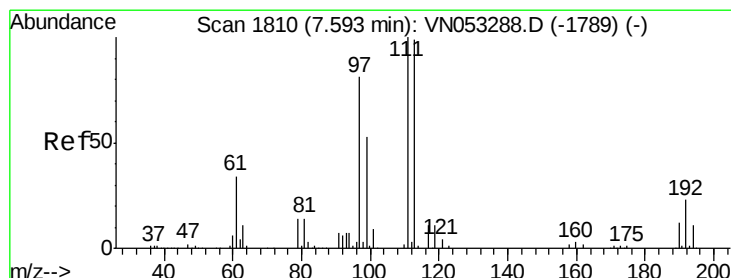
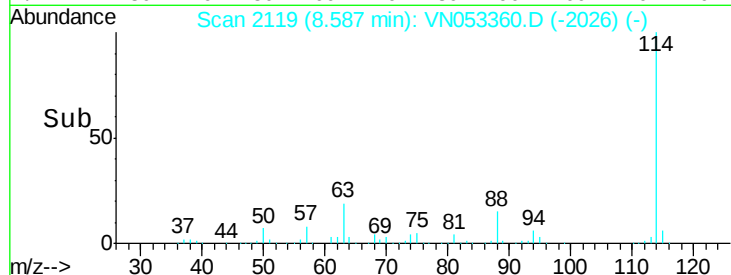
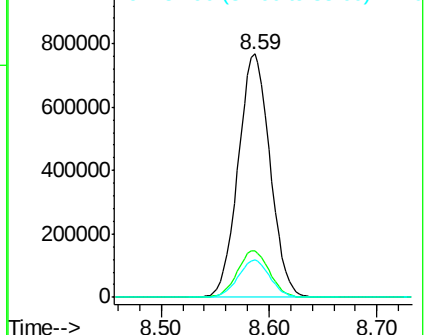
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	15.4	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

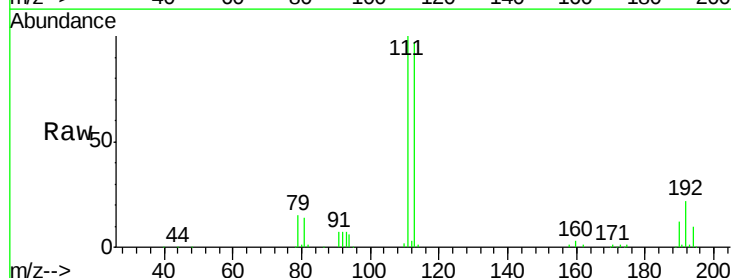
Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053360.D
Acq: 11 Jan 2019 12:29

Tgt Ion:113 Resp: 442677

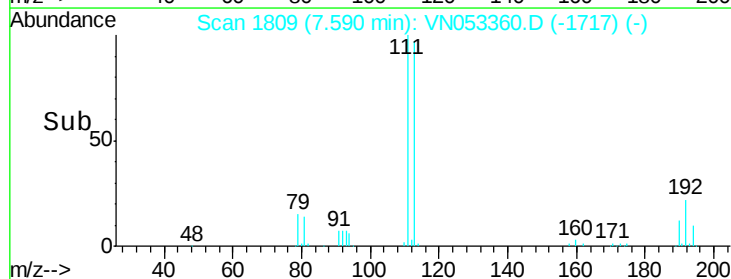
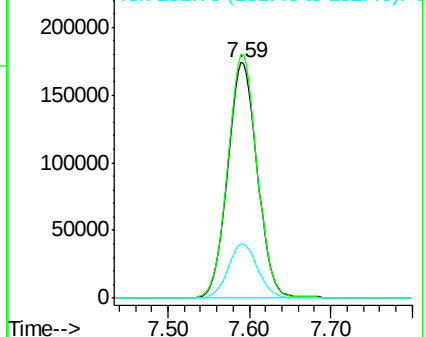
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	23.0	17.9	26.9

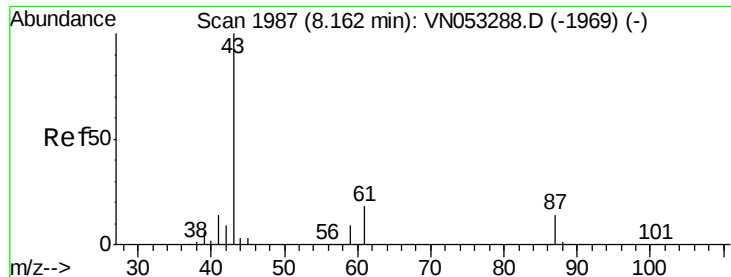


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.432 ug/l

RT: 8.17 min Scan# 1989

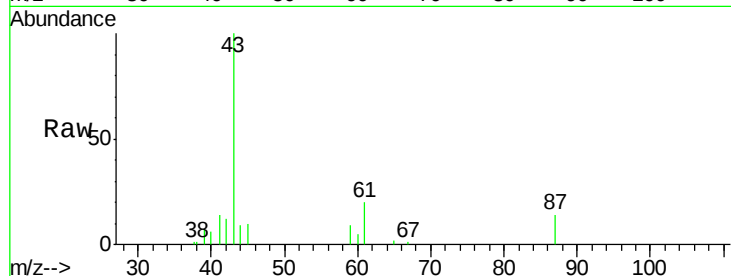
Delta R.T. 0.01 min

Lab File: VN053360.D

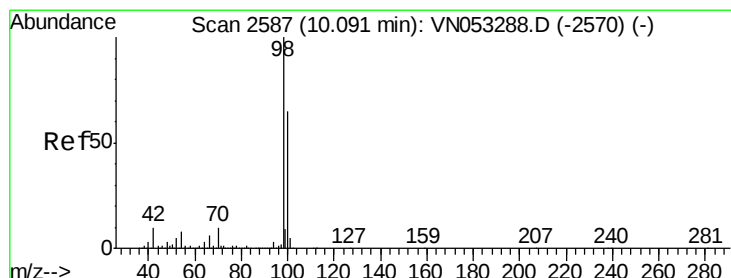
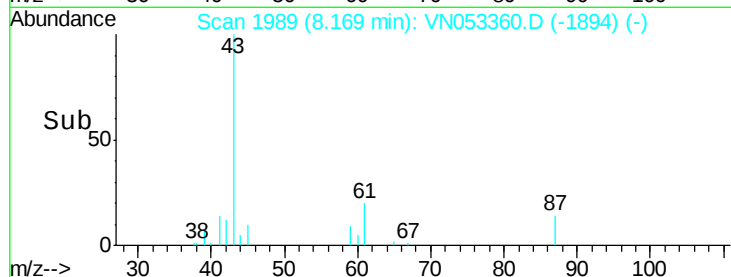
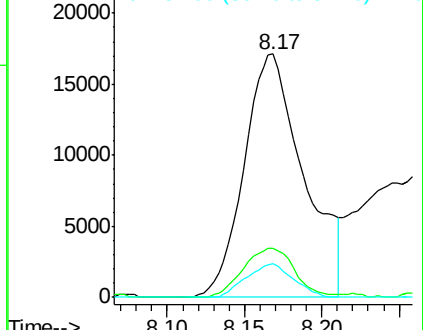
Acq: 11 Jan 2019 12:29

Tot Ion: 43 Resp: 45914

Ion	Ratio	Lower	Upper
43	100		
61	17.6	23.3	34.9#
87	10.8	10.8	16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

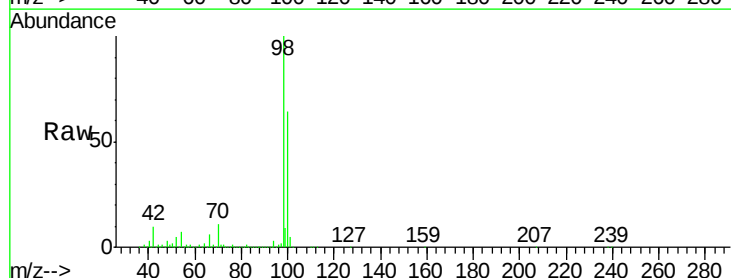
Delta R.T. 0.00 min

Lab File: VN053360.D

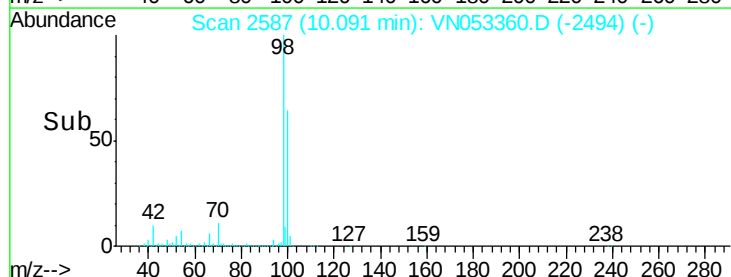
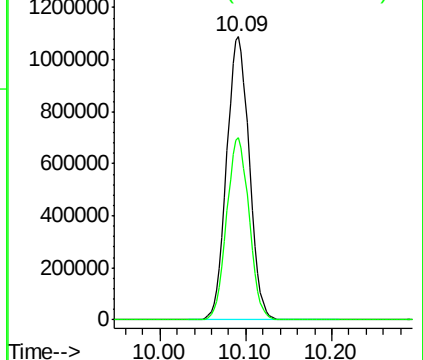
Acq: 11 Jan 2019 12:29

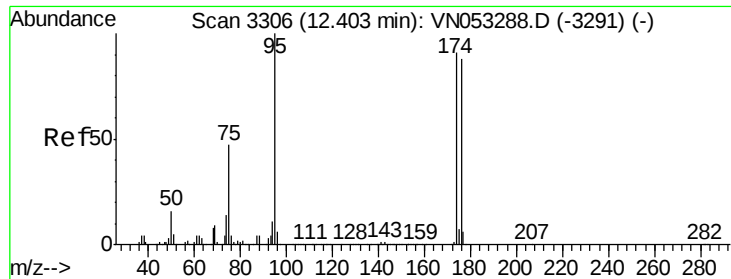
Tgt Ion: 98 Resp: 1983803

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3



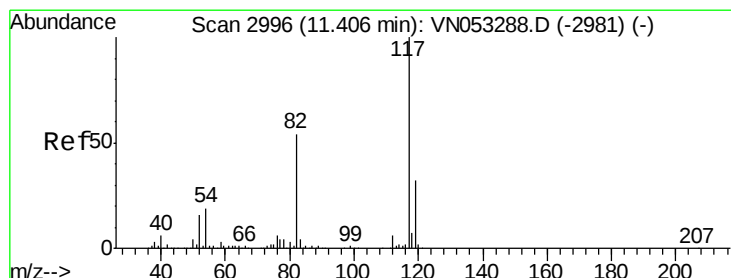
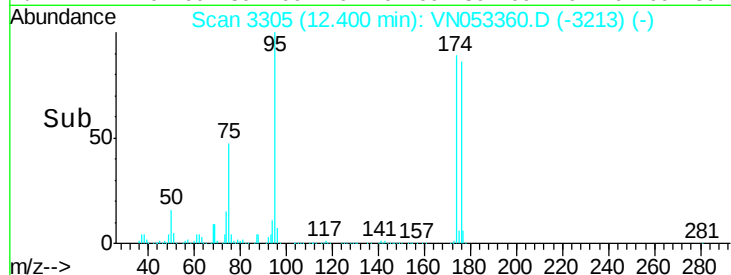
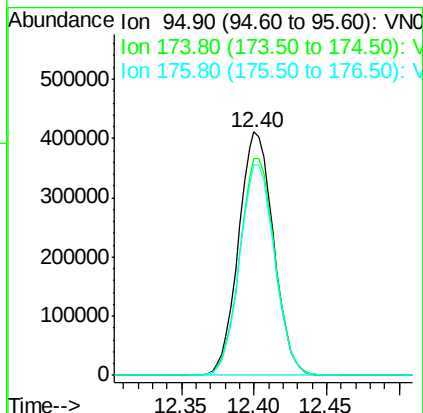
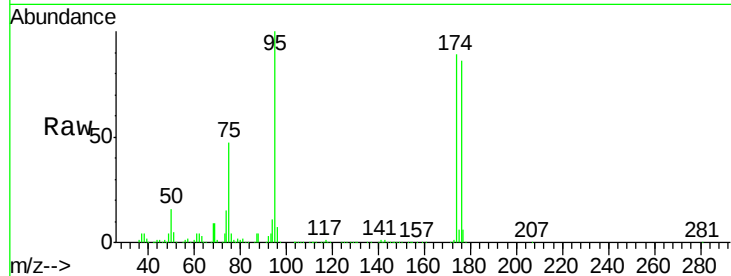
Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)





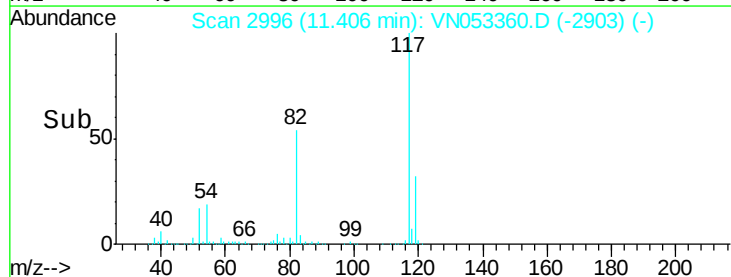
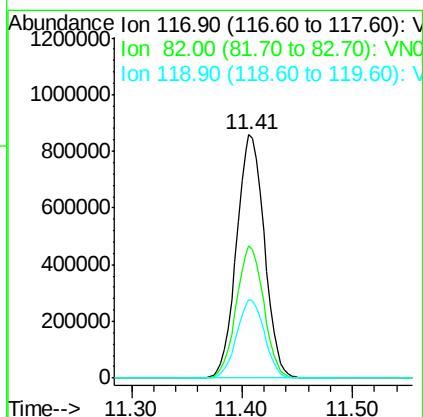
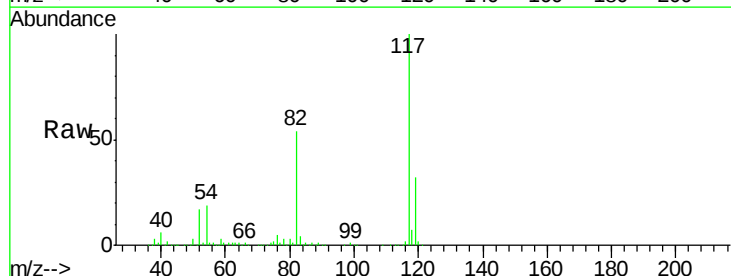
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053360.D
Acq: 11 Jan 2019 12:29

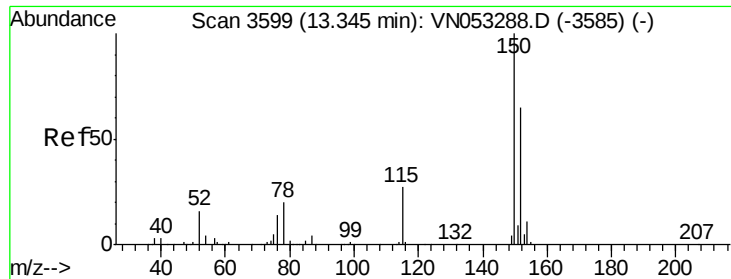
Tot Ion: 95 Resp: 688966
Ion Ratio Lower Upper
95 100
174 89.8 0.0 180.4
176 86.7 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053360.D
Acq: 11 Jan 2019 12:29

Tgt Ion: 117 Resp: 1496731
Ion Ratio Lower Upper
117 100
82 54.2 42.9 64.3
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053360.D
Acq: 11 Jan 2019 12:29

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	84.0
150	155.1	0.0	346.6

