

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053451.D
 Acq On : 17 Jan 2019 22:40
 Operator : JC/SP
 Sample : PB116439ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

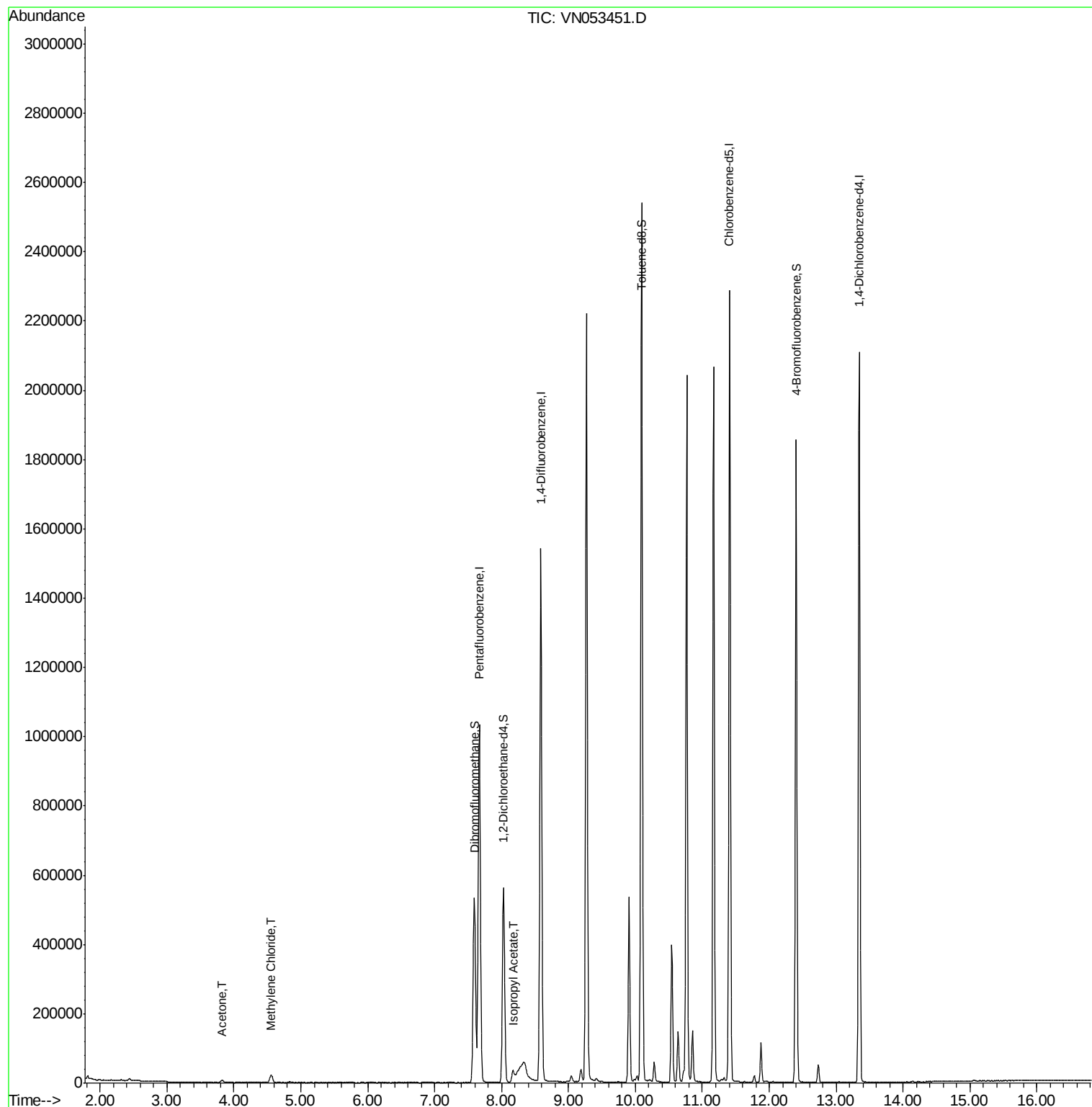
Quant Time: Jan 18 01:23:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

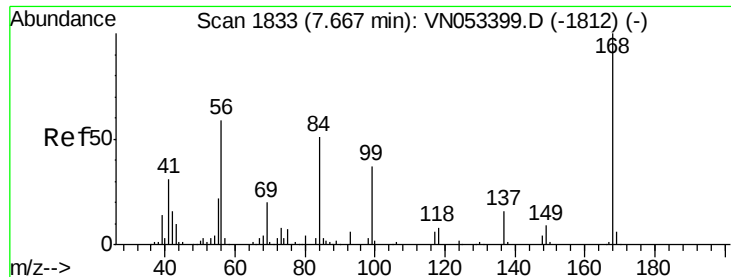
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	914127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1426843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1391765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	609328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	467425	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	7.59	113	414924	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.09	98	1815160	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.40	95	632547	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
Target Compounds						
16) Acetone	3.82	43	11855	5.592	ug/l	97
20) Methylene Chloride	4.56	84	17585	1.817	ug/l	97
43) Isopropyl Acetate	8.17	43	46526	3.461	ug/l #	79

(#) = 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: VN053451.D

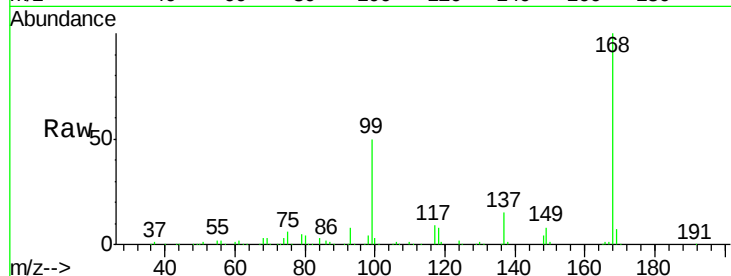
Acq: 17 Jan 2019 22:40

Tot Ion:168 Resp: 914127

Ion Ratio Lower Upper

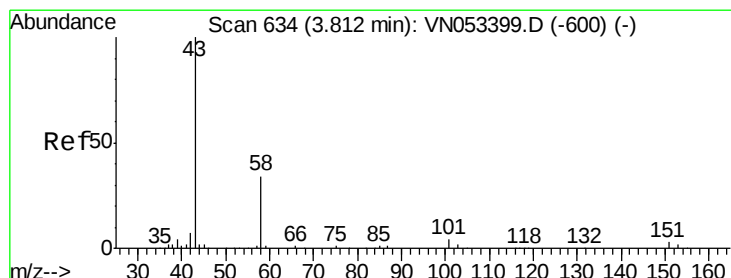
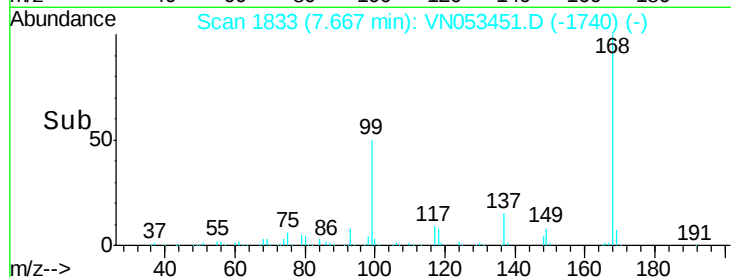
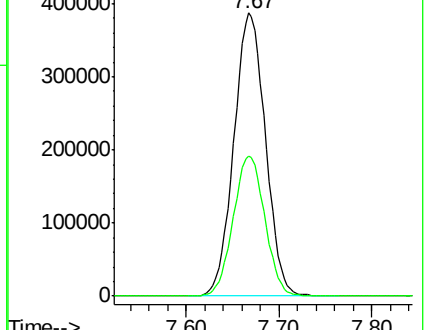
168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.592 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053451.D

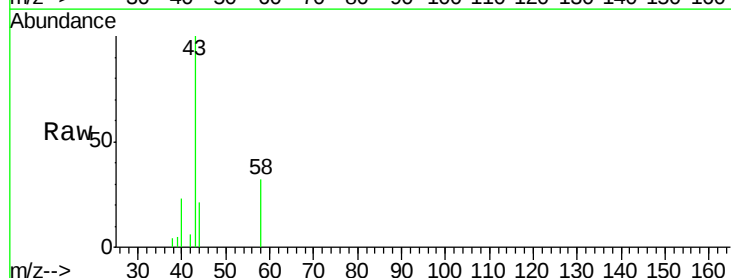
Acq: 17 Jan 2019 22:40

Tgt Ion: 43 Resp: 11855

Ion Ratio Lower Upper

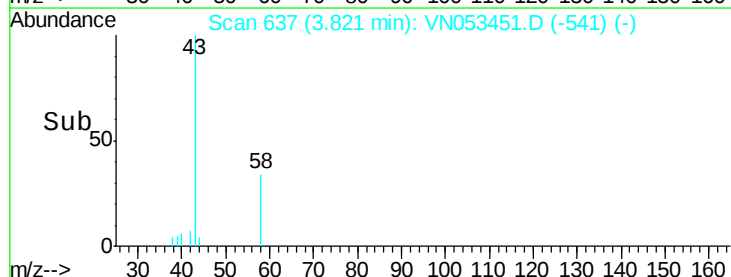
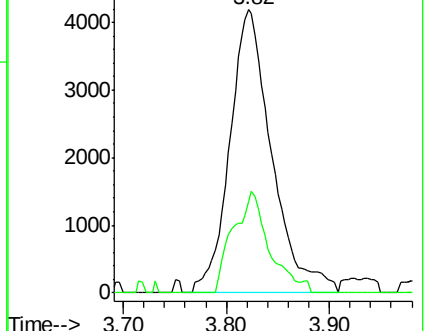
43 100

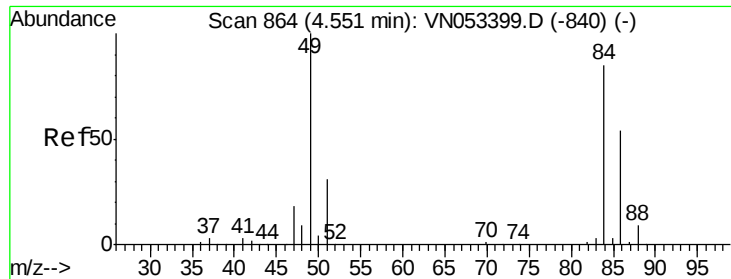
58 32.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

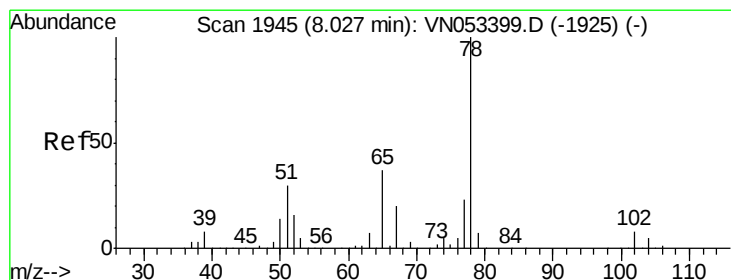
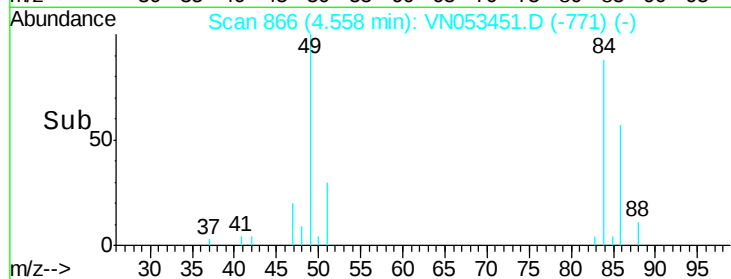
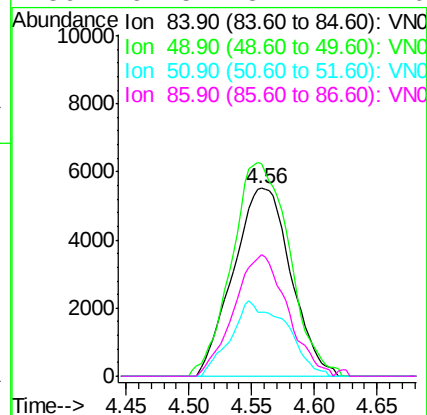
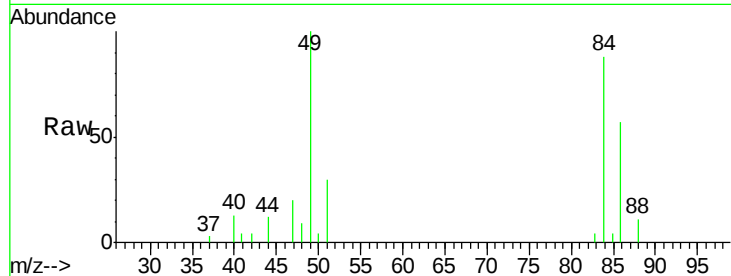




#20
Methvlene Chloride
Concen: 1.817 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053451.D
Acq: 17 Jan 2019 22:40

Tot Ion: 84 Resp: 17585

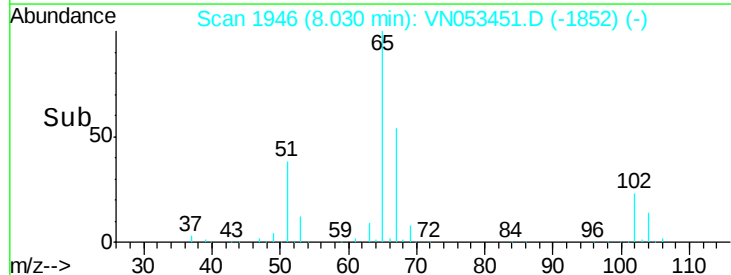
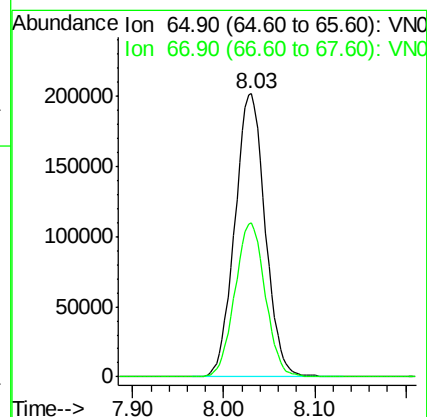
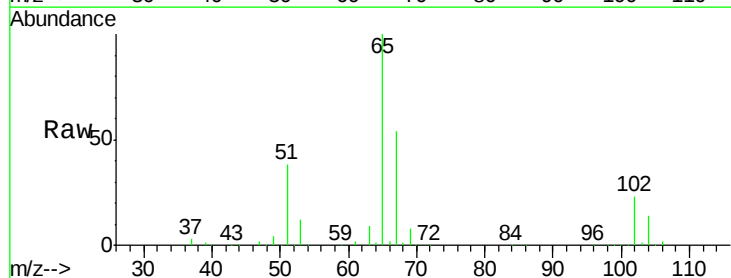
Ion	Ratio	Lower	Upper
84	100		
49	113.5	94.3	141.5
51	34.1	29.4	44.2
86	64.5	51.4	77.0

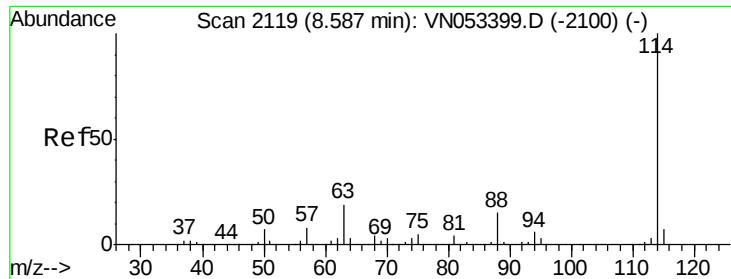


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053451.D
Acq: 17 Jan 2019 22:40

Tgt Ion: 65 Resp: 467425

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.2

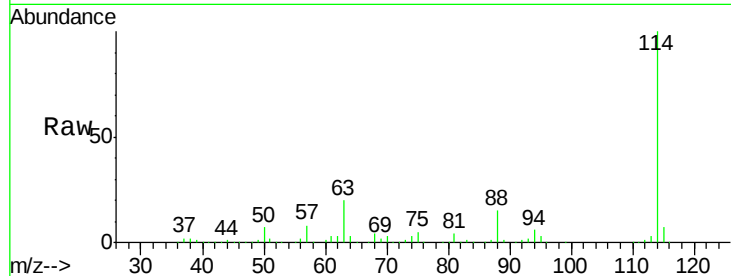




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053451.D
 Acq: 17 Jan 2019 22:40

Tot Ion:114 Resp: 1426843

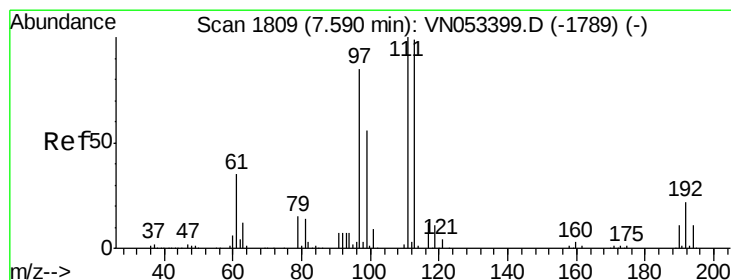
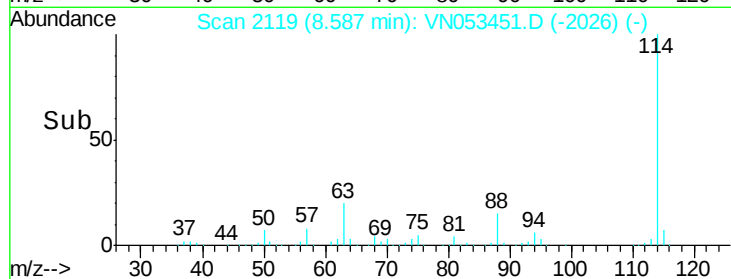
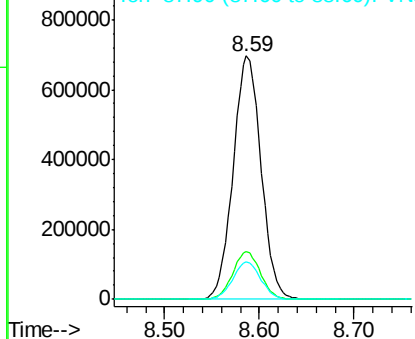
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.4	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

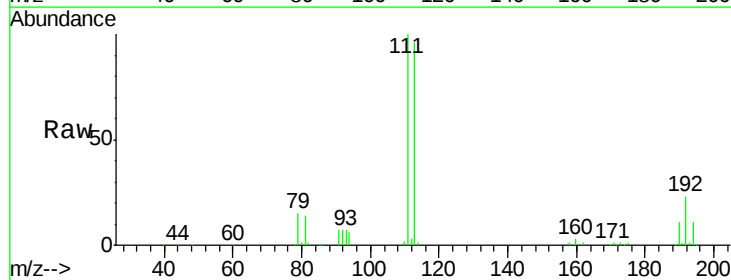
Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053451.D
 Acq: 17 Jan 2019 22:40

Tgt Ion:113 Resp: 414924

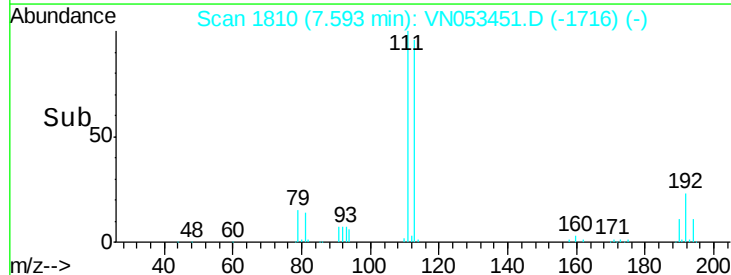
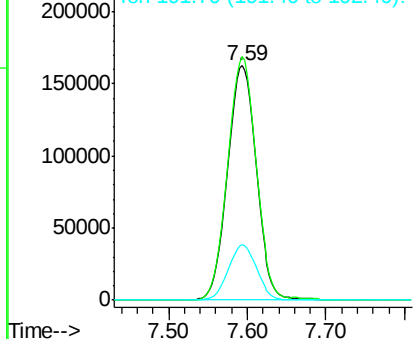
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	23.1	18.2	27.2

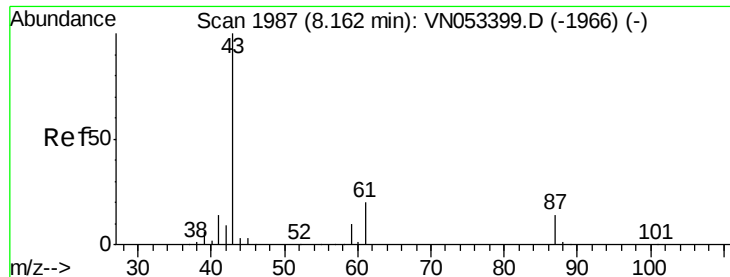


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.461 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053451.D

Acq: 17 Jan 2019 22:40

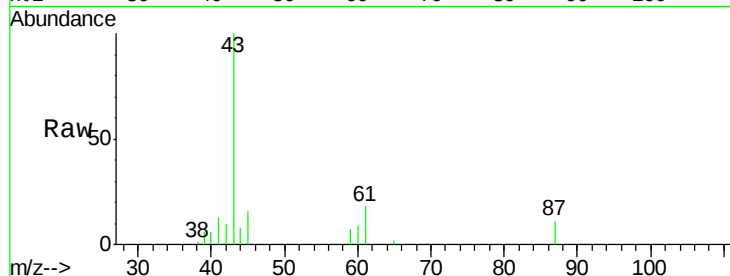
Tot Ion: 43 Resp: 46526

Ion Ratio Lower Upper

43 100

61 15.7 23.9 35.9#

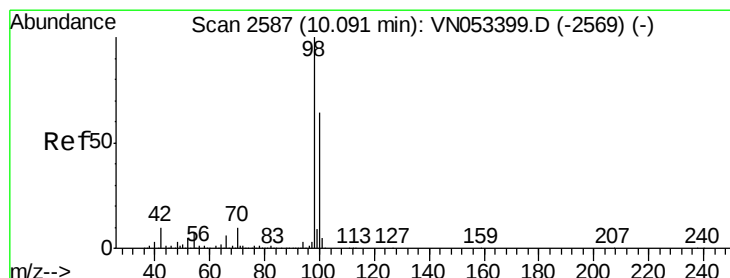
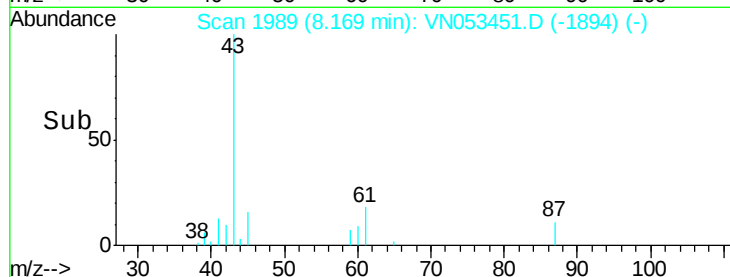
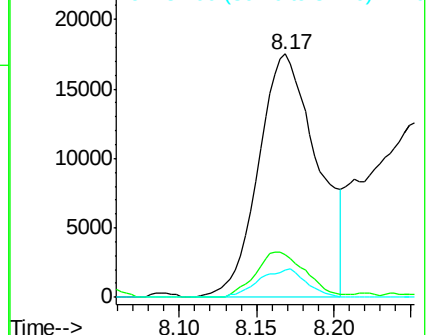
87 9.3 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053399.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053399.D (-1966) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053451.D

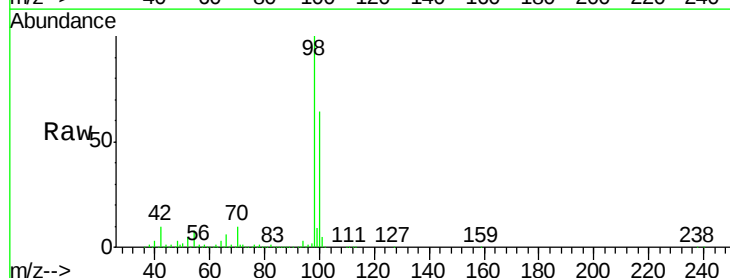
Acq: 17 Jan 2019 22:40

Tgt Ion: 98 Resp: 1815160

Ion Ratio Lower Upper

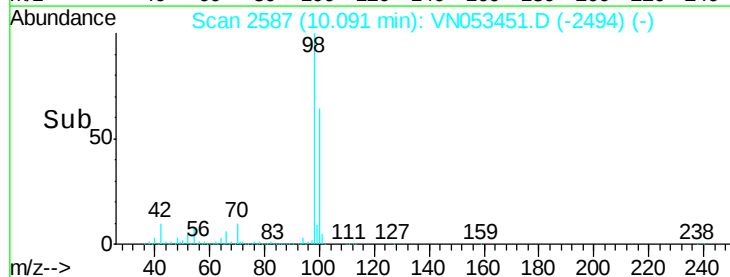
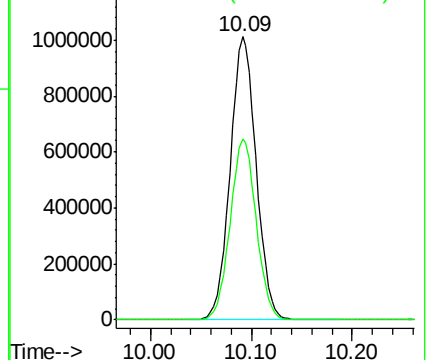
98 100

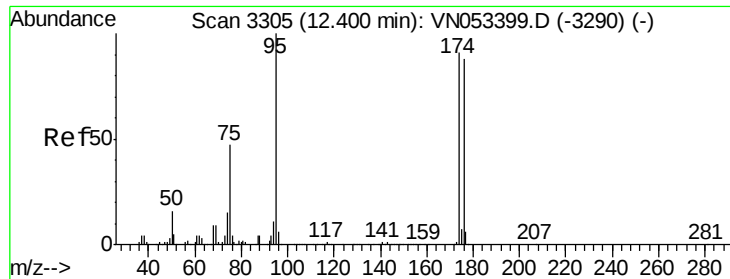
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053451.D

Acq: 17 Jan 2019 22:40

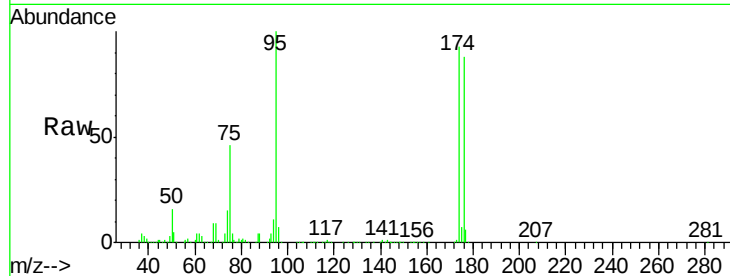
Tot Ion: 95 Resp: 632547

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.2

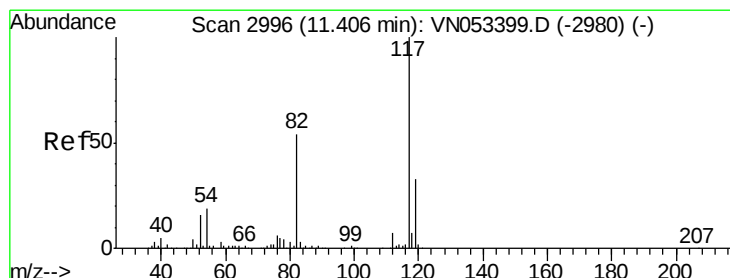
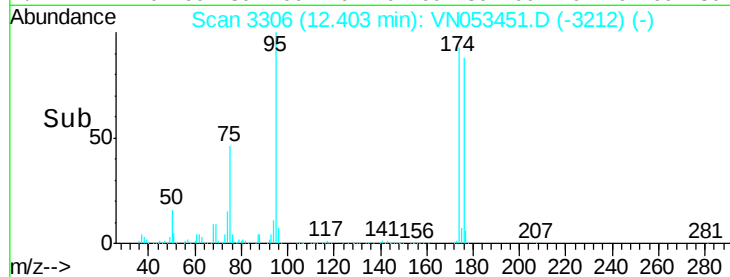
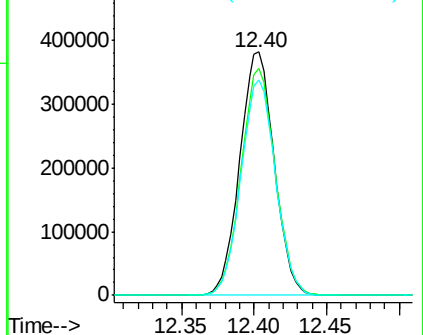
176 88.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053451.D

Acq: 17 Jan 2019 22:40

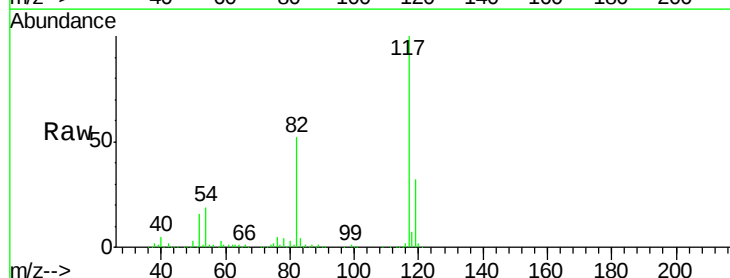
Tgt Ion: 117 Resp: 1391765

Ion Ratio Lower Upper

117 100

82 52.2 42.9 64.3

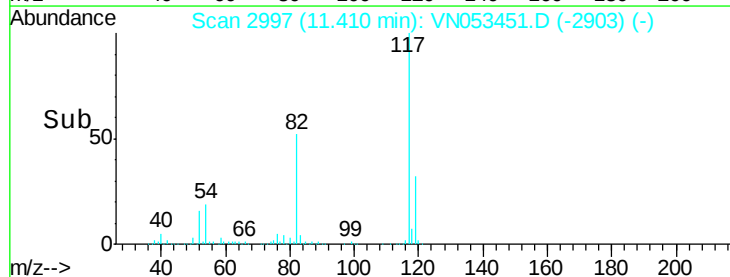
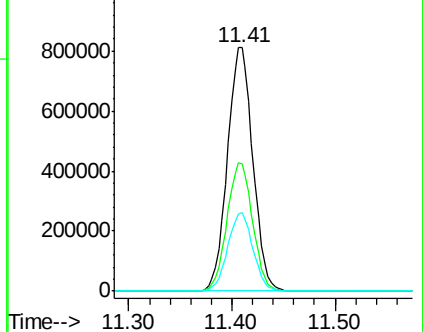
119 32.1 26.0 39.0

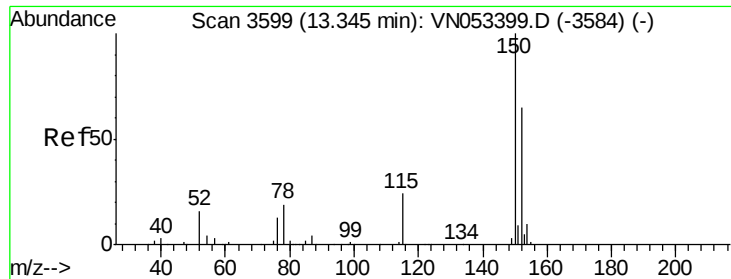


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

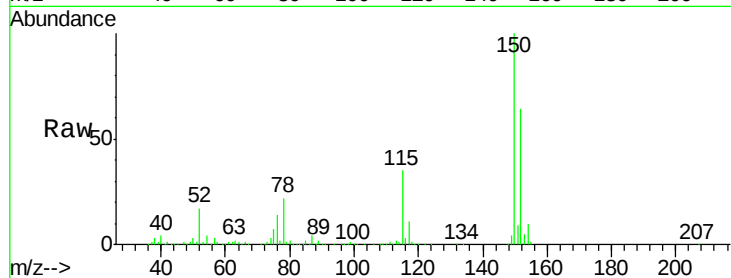




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053451.D
 Acq: 17 Jan 2019 22:40

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	157.2	0.0	349.0



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

