

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053456.D
 Acq On : 18 Jan 2019 00:54
 Operator : JC/SP
 Sample : PB116439ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

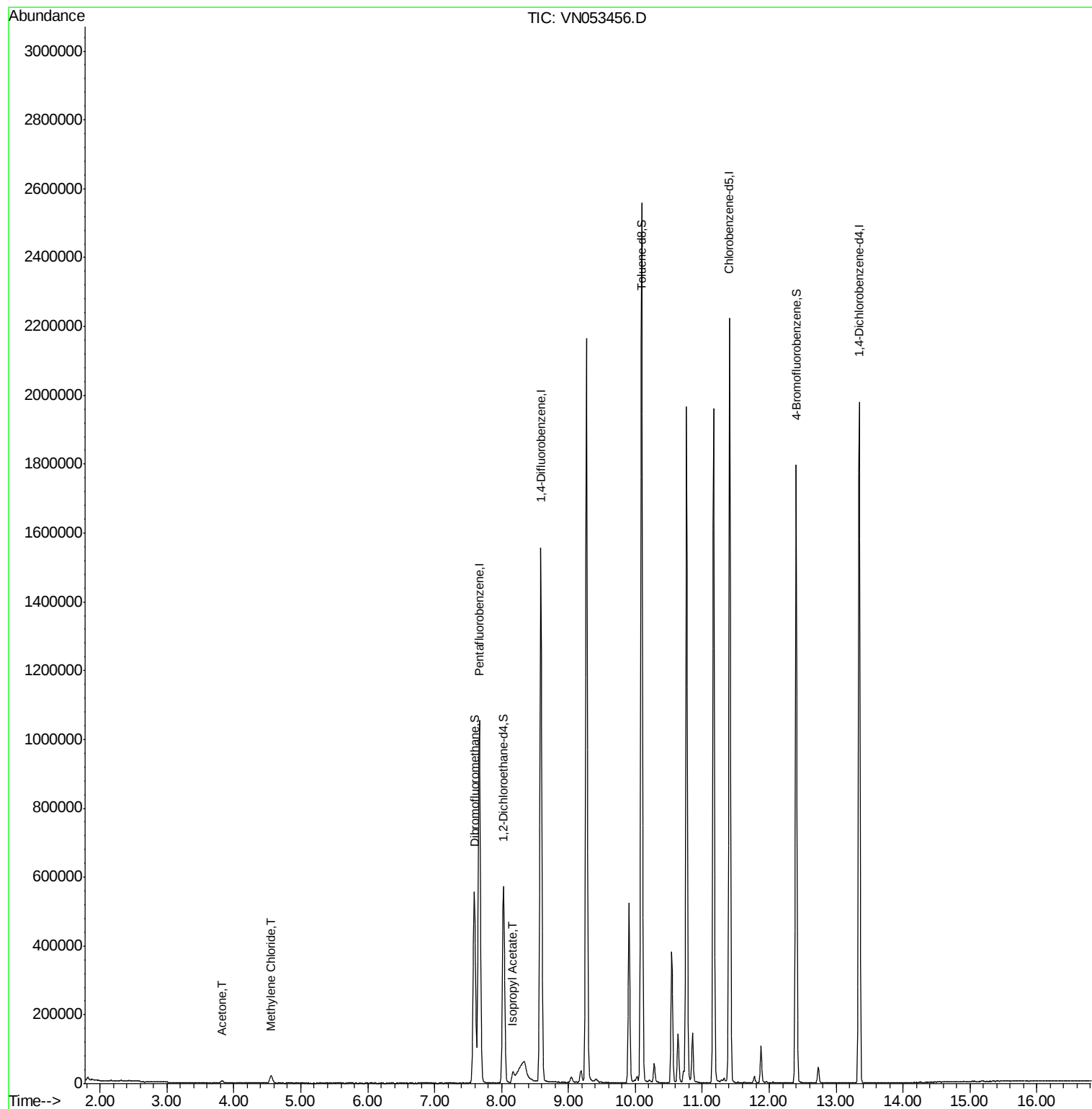
Quant Time: Jan 18 02:35:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

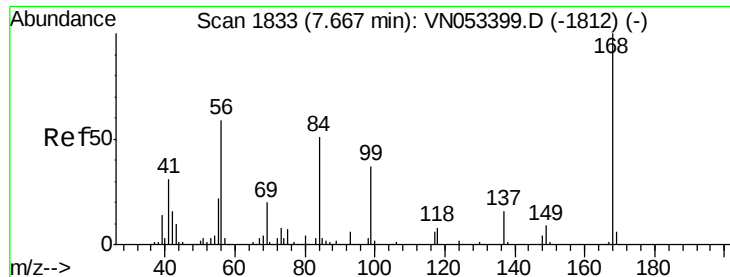
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	939401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1460593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1376207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	574401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	479240	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
35) Dibromofluoromethane	7.59	113	425920	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.09	98	1824476	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.40	95	613510	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
16) Acetone	3.82	43	12475	5.727	ug/l	96
20) Methylene Chloride	4.55	84	17668	1.776	ug/l	98
43) Isopropyl Acetate	8.17	43	44175	3.210	ug/l #	81

(#) = 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# 1834

Delta R.T. 0.00 min

Lab File: VN053456.D

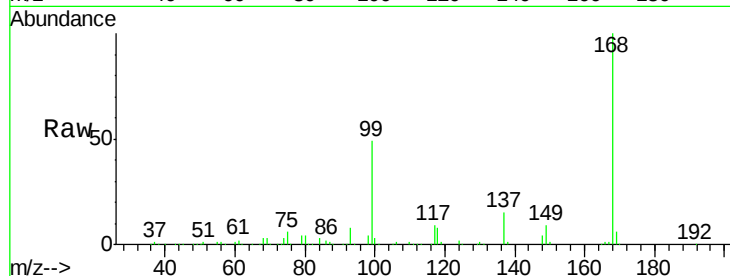
Acq: 18 Jan 2019 00:54

Tot Ion:168 Resp: 939401

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

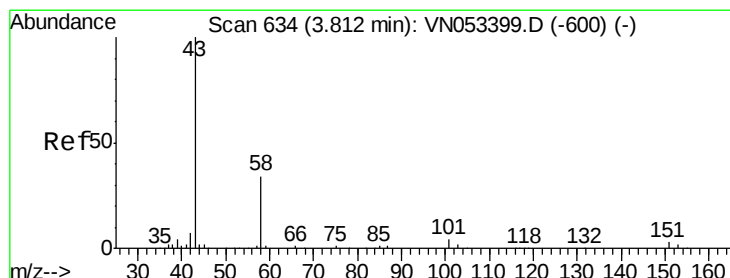
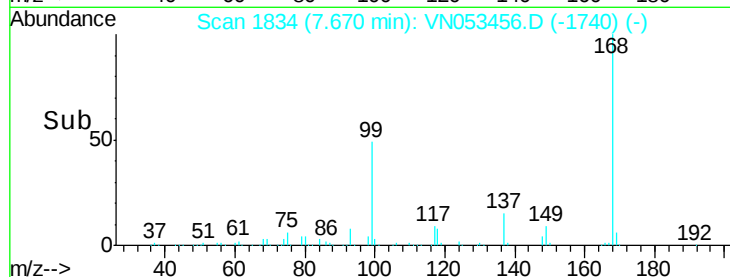
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.727 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053456.D

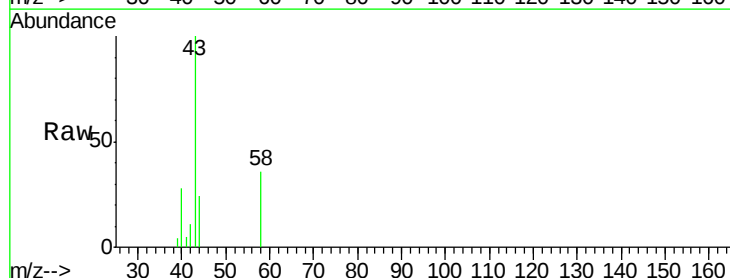
Acq: 18 Jan 2019 00:54

Tgt Ion: 43 Resp: 12475

Ion Ratio Lower Upper

43 100

58 36.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

5000

4000

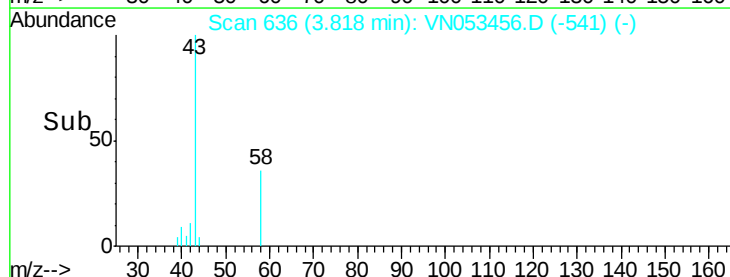
3000

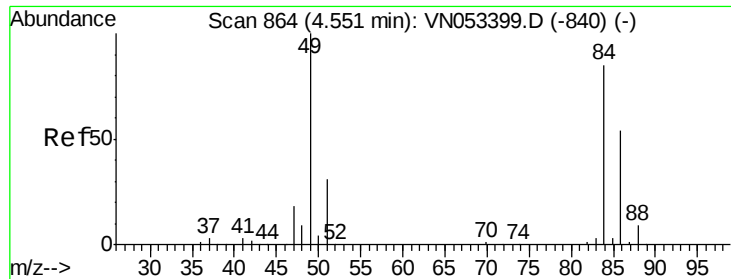
2000

1000

0

Time-->

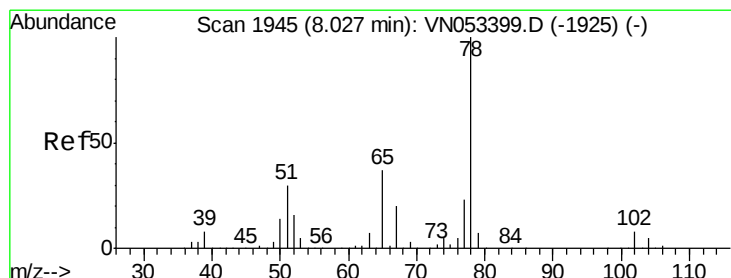
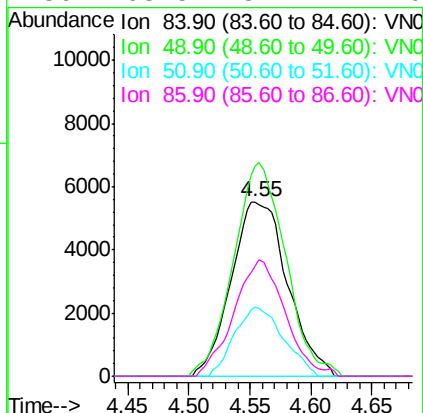
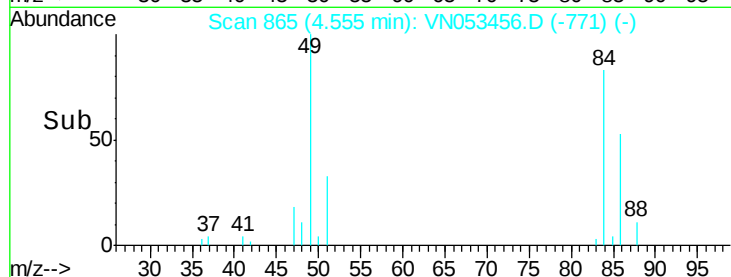
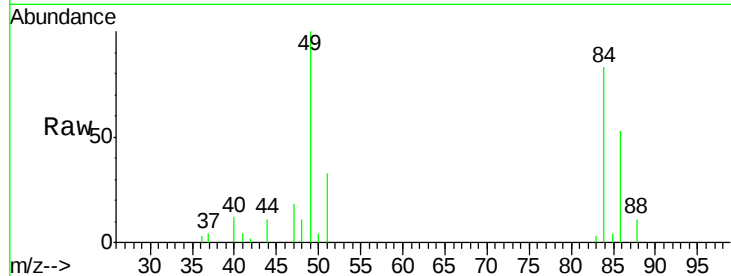




#20
Methvlene Chloride
Concen: 1.776 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053456.D
Acq: 18 Jan 2019 00:54

Tot Ion: 84 Resp: 17668

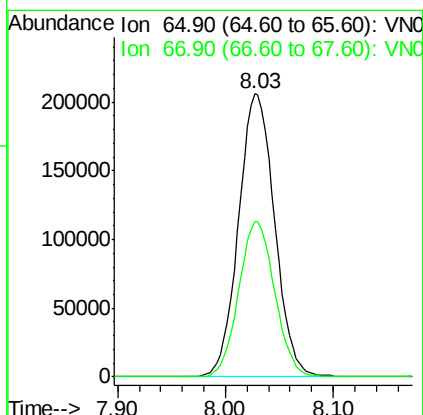
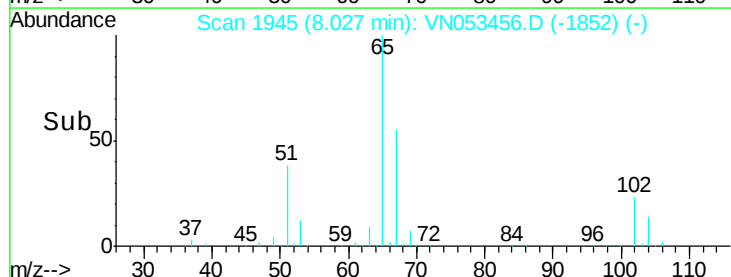
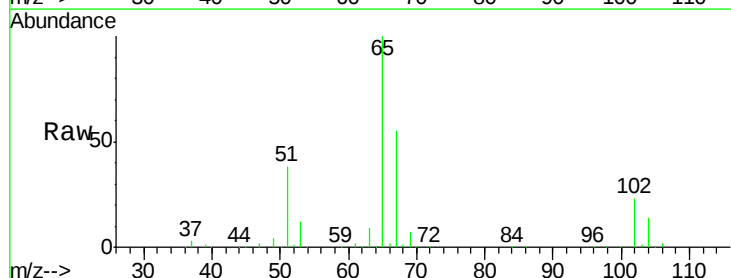
Ion	Ratio	Lower	Upper
84	100		
49	120.5	94.3	141.5
51	40.0	29.4	44.2
86	63.5	51.4	77.0

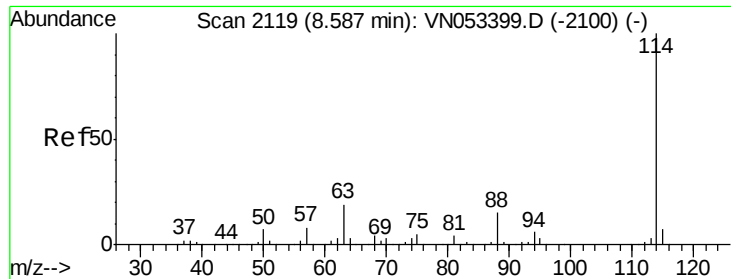


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053456.D
Acq: 18 Jan 2019 00:54

Tgt Ion: 65 Resp: 479240

Ion	Ratio	Lower	Upper
65	100		
67	54.9	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: VN053456.D

Acq: 18 Jan 2019 00:54

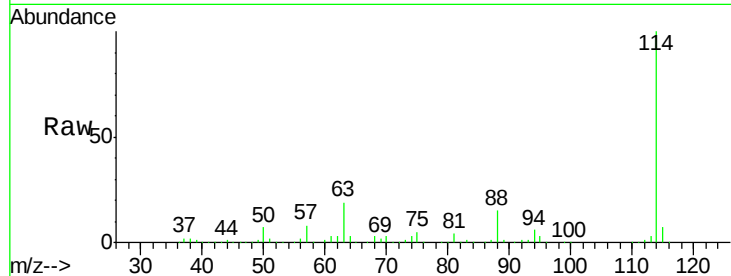
Tot Ion:114 Resp: 1460593

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

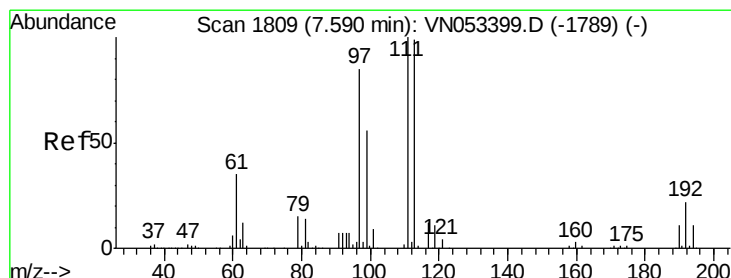
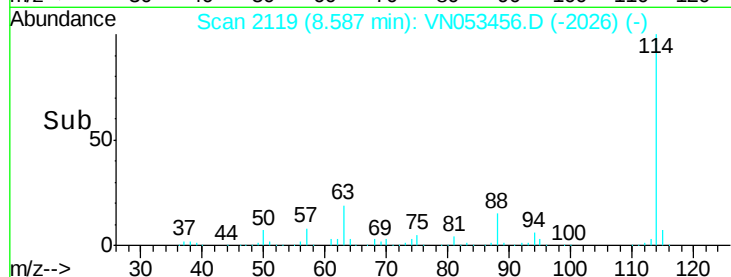
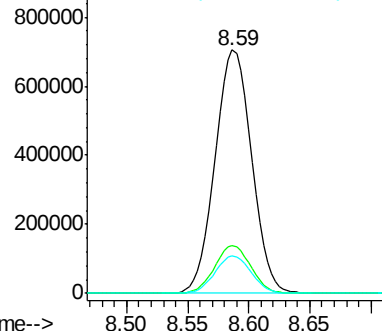
88 15.3 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053456.D

Acq: 18 Jan 2019 00:54

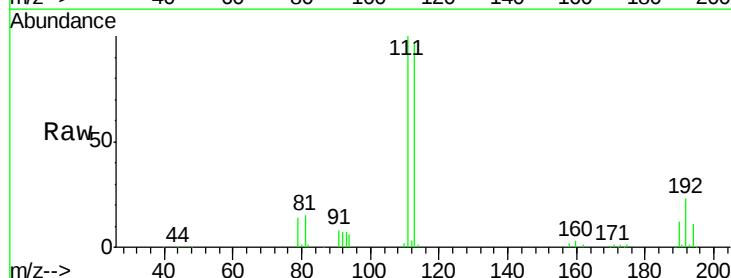
Tgt Ion:113 Resp: 425920

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

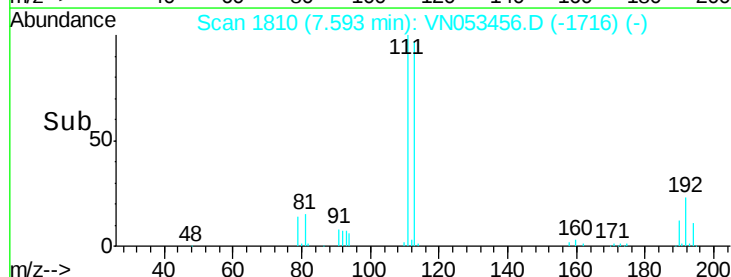
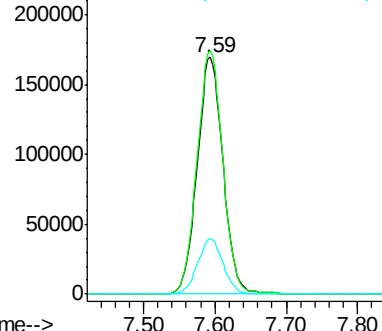
192 23.1 18.2 27.2

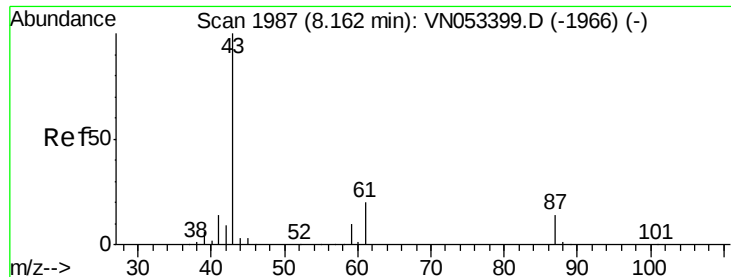


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.210 ug/l

RT: 8.17 min Scan# 1989

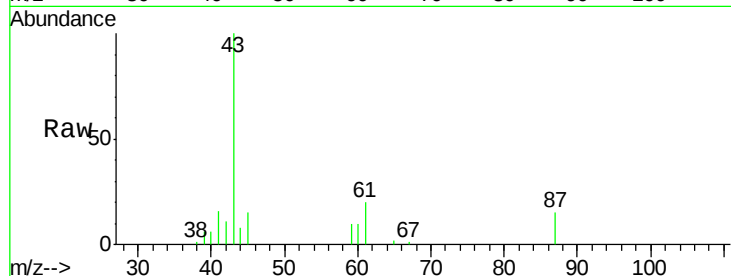
Delta R.T. 0.01 min

Lab File: VN053456.D

Acq: 18 Jan 2019 00:54

Tot Ion: 43 Resp: 44175

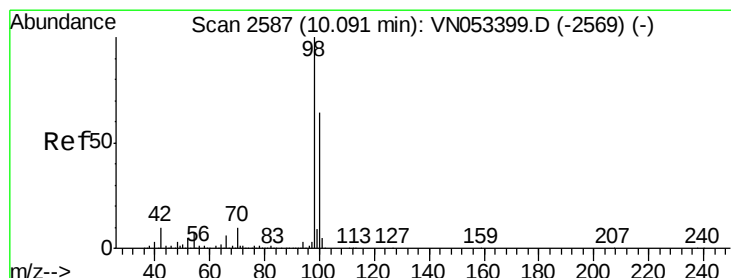
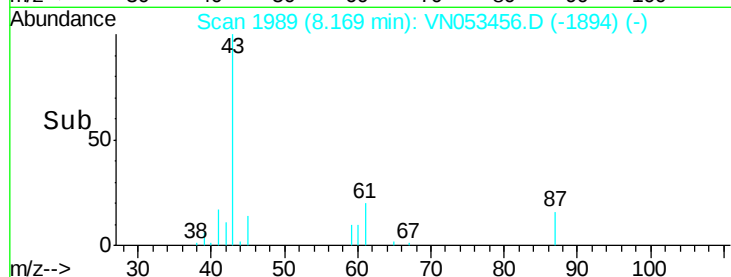
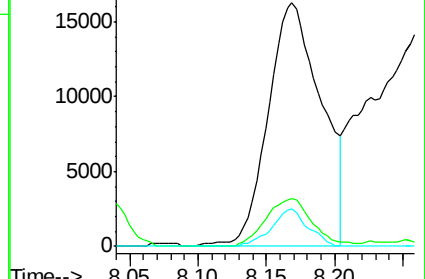
Ion	Ratio	Lower	Upper
43	100		
61	17.1	23.9	35.9#
87	10.5	11.0	16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

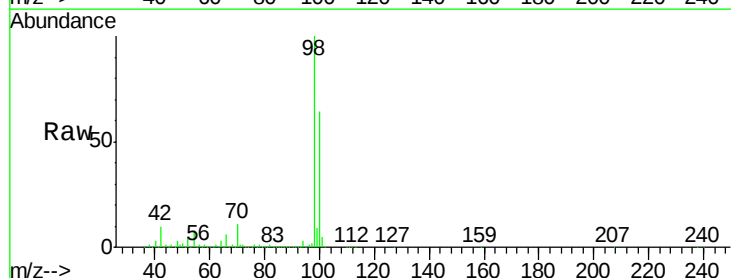
Delta R.T. 0.00 min

Lab File: VN053456.D

Acq: 18 Jan 2019 00:54

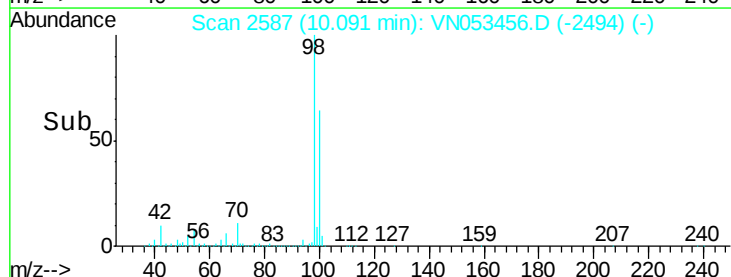
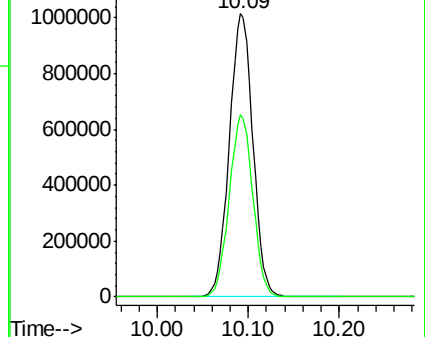
Tgt Ion: 98 Resp: 1824476

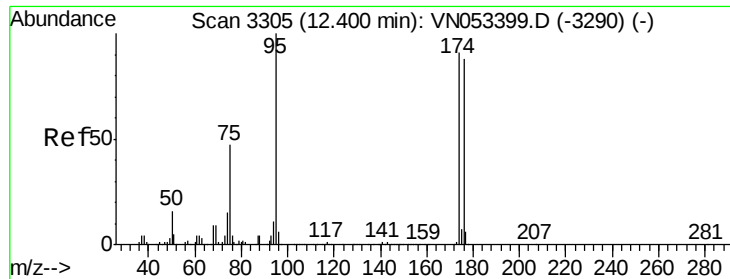
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053456.D

Acq: 18 Jan 2019 00:54

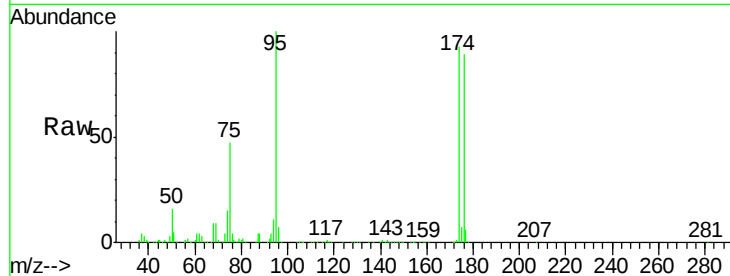
Tot Ion: 95 Resp: 613510

Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.2

176 88.0 0.0 177.4



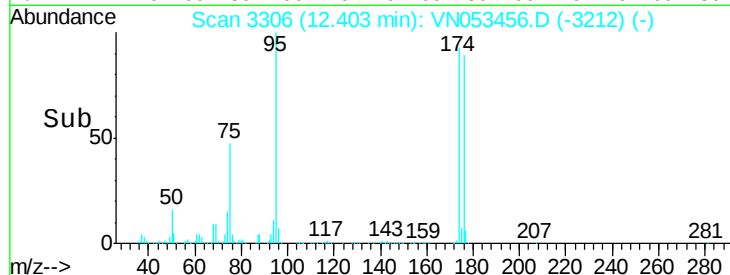
Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

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

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

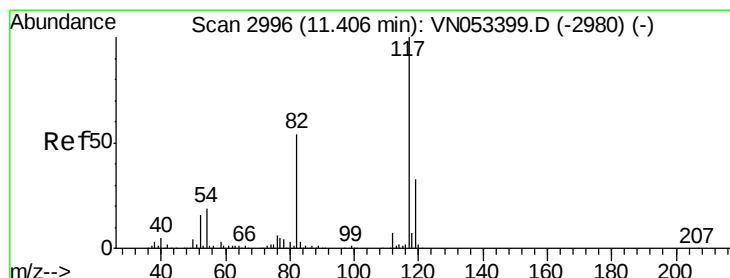
12.40

Time-->



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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053456.D

Acq: 18 Jan 2019 00:54

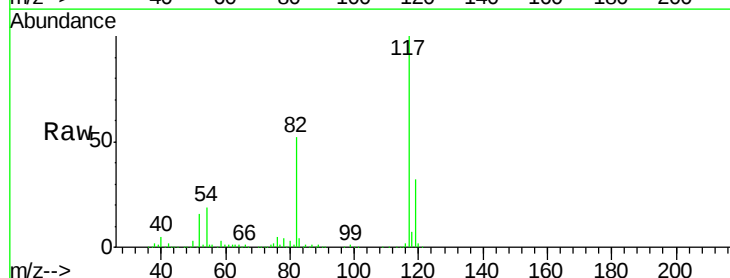
Tgt Ion: 117 Resp: 1376207

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

119 32.4 26.0 39.0



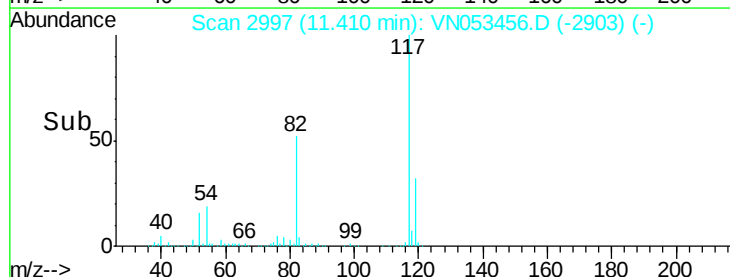
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

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

11.41

Time-->



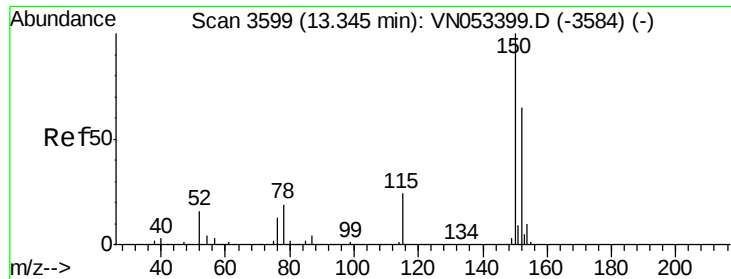
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

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

11.41

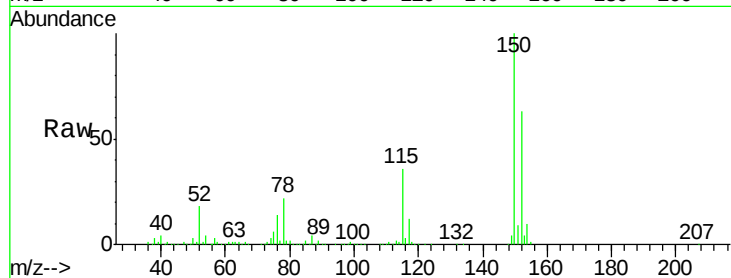
Time-->



#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053456.D
 Acq: 18 Jan 2019 00:54

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	156.8	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

