

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053440.D
 Acq On : 17 Jan 2019 17:46
 Operator : JC/SP
 Sample : PB116439ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

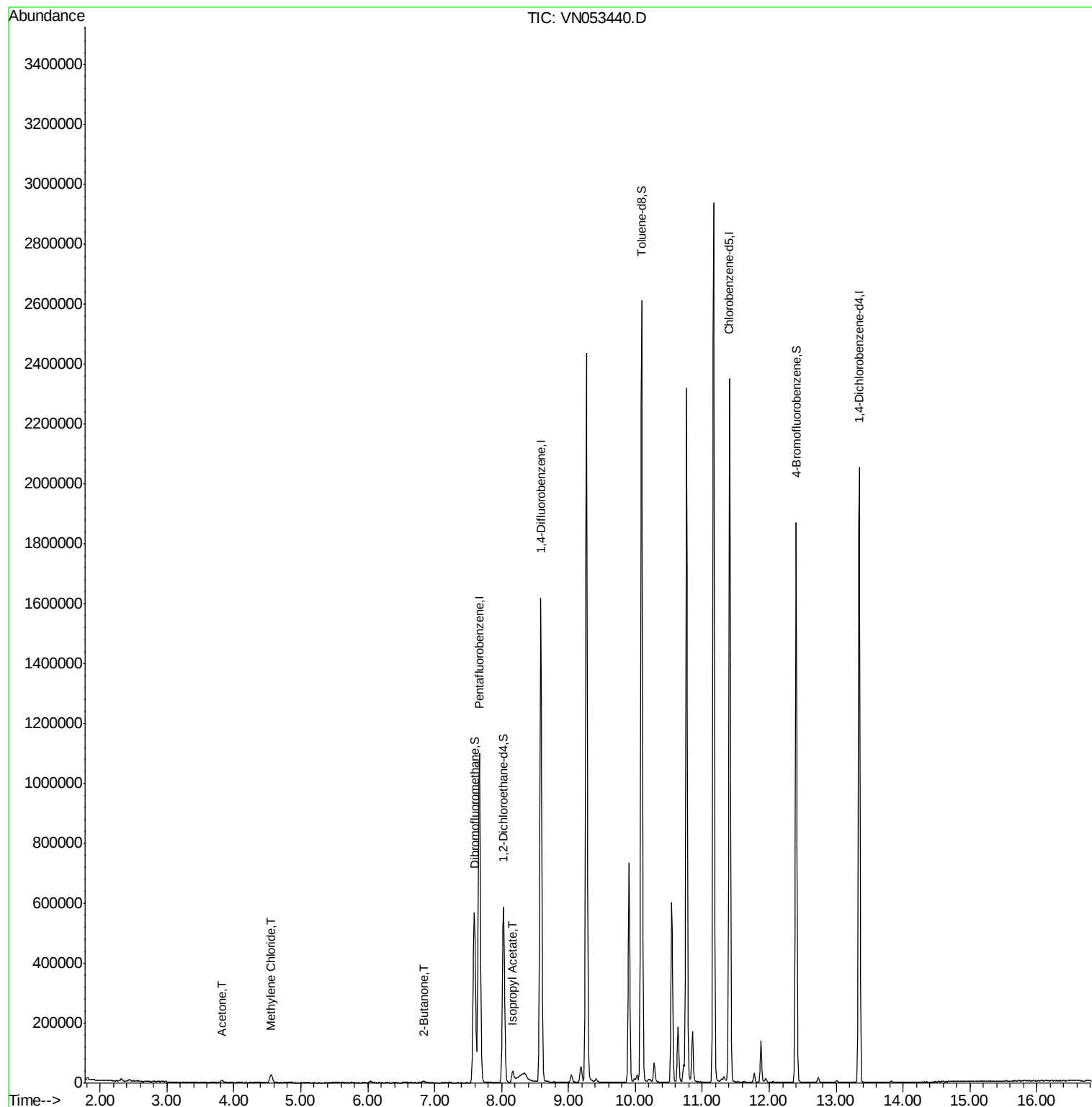
Quant Time: Jan 18 00:53:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

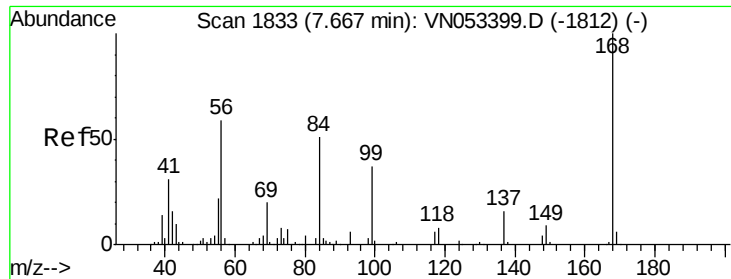
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	962756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1497478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1417943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	593028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	484680	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	7.59	113	438620	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.09	98	1874065	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.40	95	635952	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
Target Compounds						
16) Acetone	3.82	43	12413	5.560	ug/l	99
20) Methylene Chloride	4.55	84	20496m	2.011	ug/l	
25) 2-Butanone	6.84	43	7021	2.041	ug/l	95
43) Isopropyl Acetate	8.17	43	51036	3.617	ug/l #	87

(#) = 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: VN053440.D

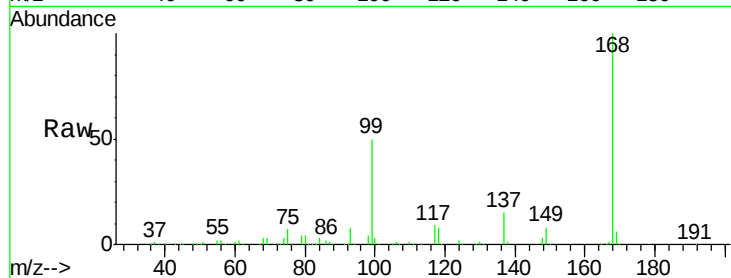
Acq: 17 Jan 2019 17:46

Tot Ion:168 Resp: 962756

Ion Ratio Lower Upper

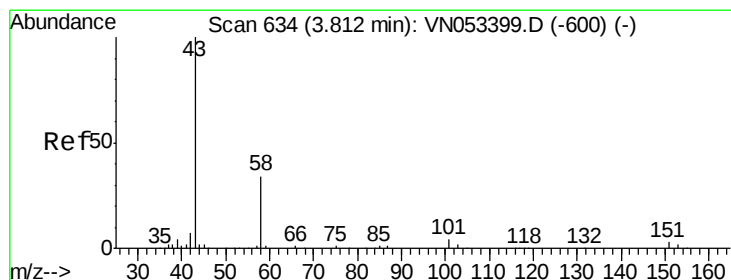
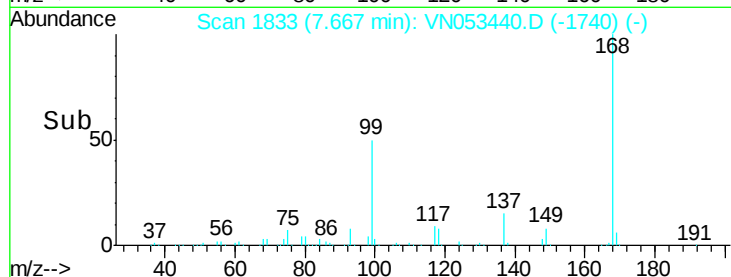
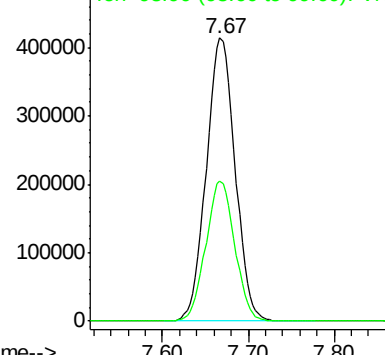
168 100

99 49.7 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: 5.560 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053440.D

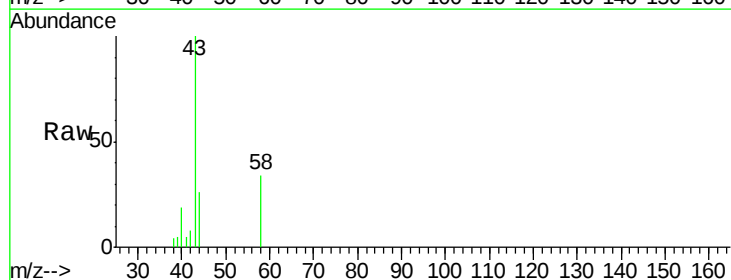
Acq: 17 Jan 2019 17:46

Tgt Ion: 43 Resp: 12413

Ion Ratio Lower Upper

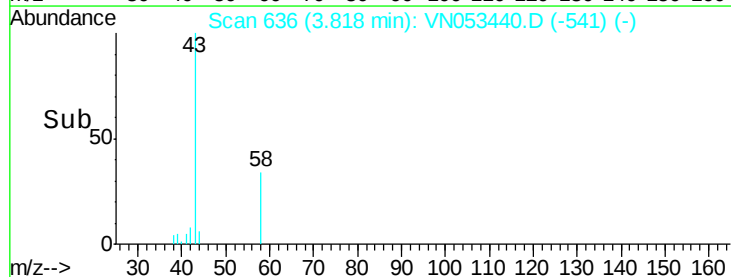
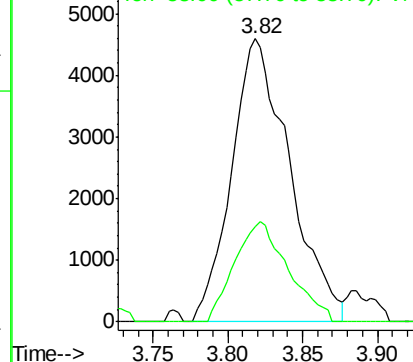
43 100

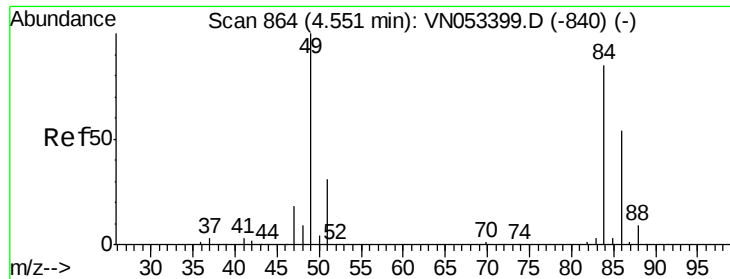
58 33.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

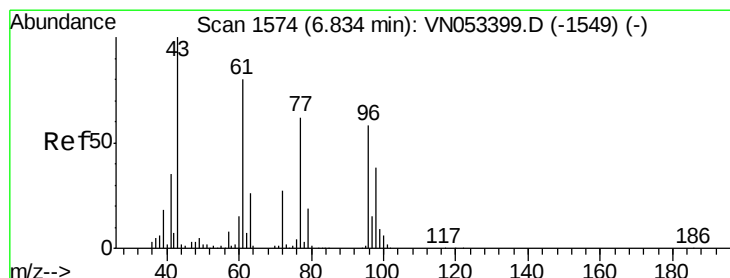
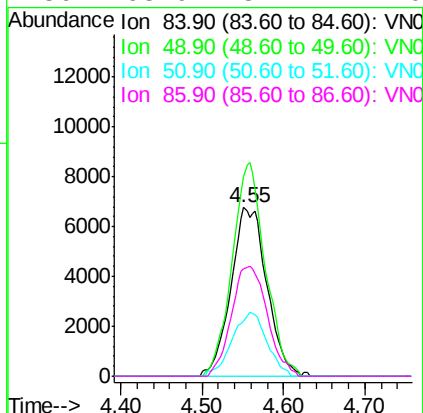
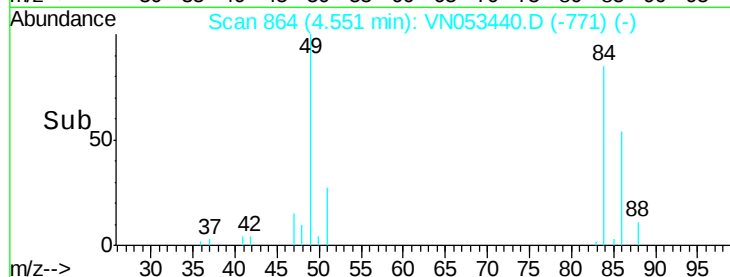
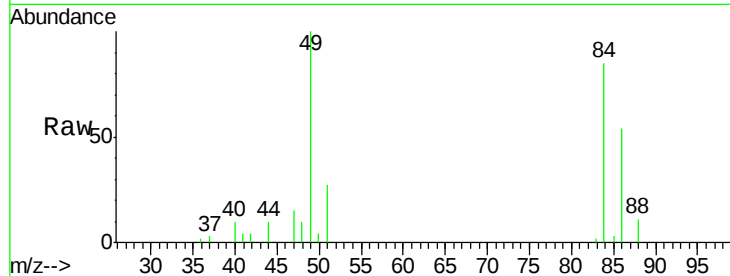
Ion 58.00 (57.70 to 58.70): VNO





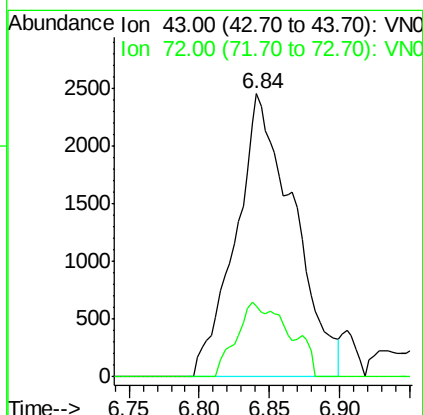
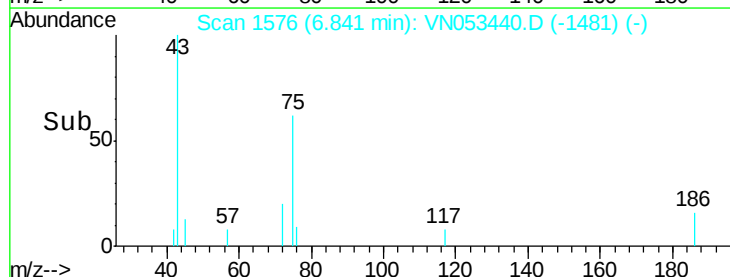
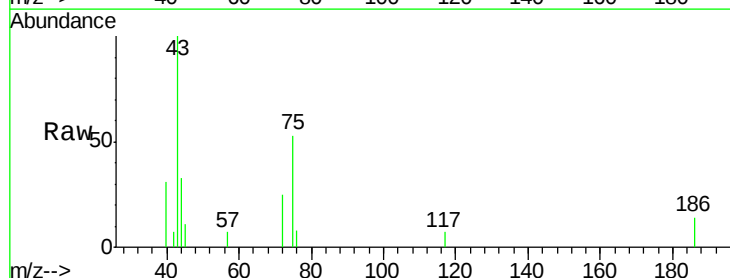
#20
Methvlene Chloride
Concen: 2.011 ug/l m
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053440.D
Acq: 17 Jan 2019 17:46

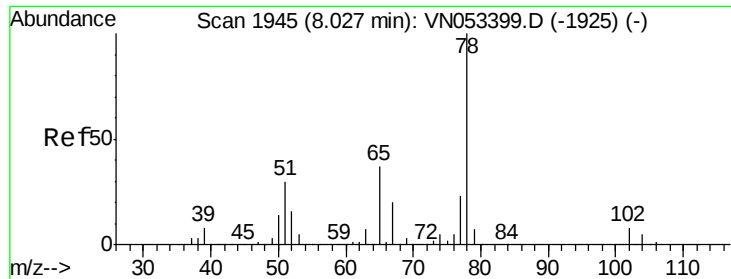
Tot Ion:	84	Resp:	20496
Ion	Ratio	Lower	Upper
84	100		
49	118.2	94.3	141.5
51	32.3	29.4	44.2
86	63.9	51.4	77.0



#25
2-Butanone
Concen: 2.041 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053440.D
Acq: 17 Jan 2019 17:46

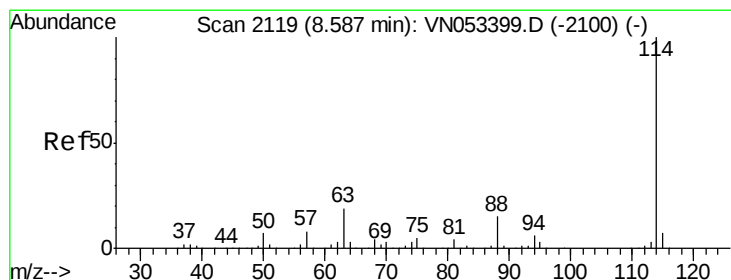
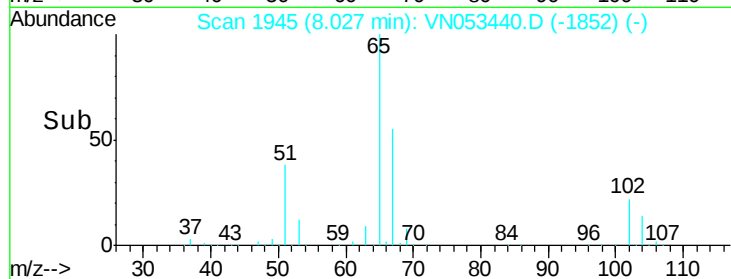
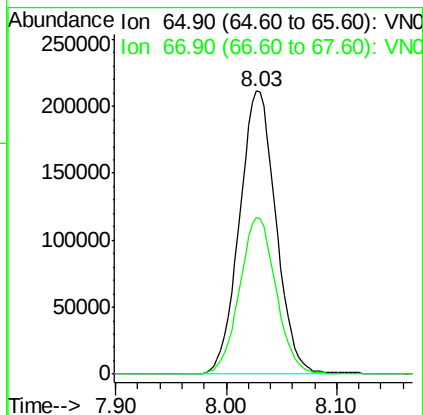
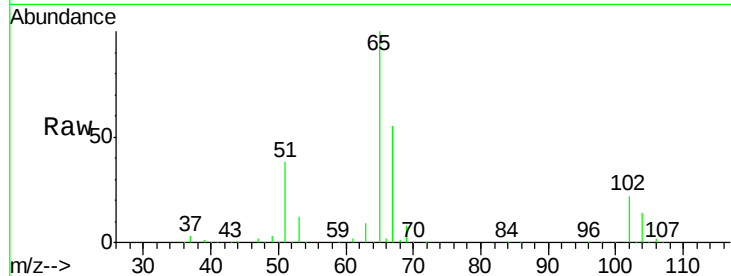
Tgt Ion:	43	Resp:	7021
Ion	Ratio	Lower	Upper
43	100		
72	25.1	22.0	33.0





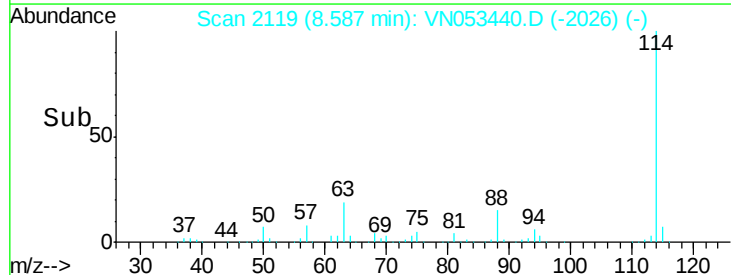
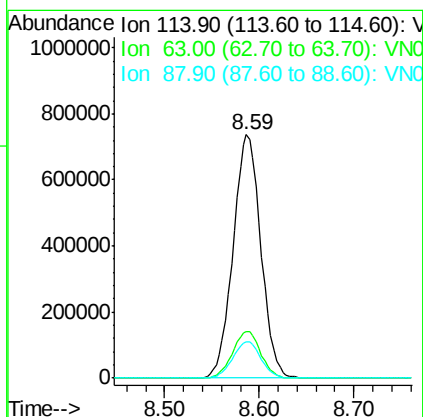
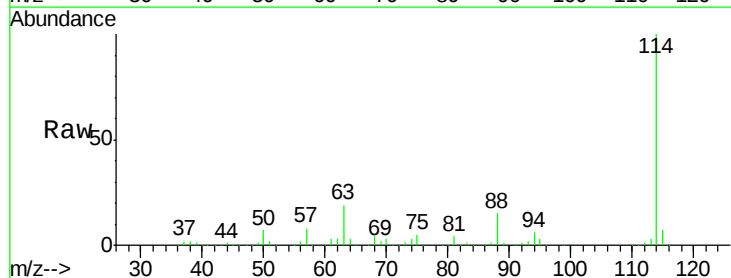
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053440.D
 Acq: 17 Jan 2019 17:46

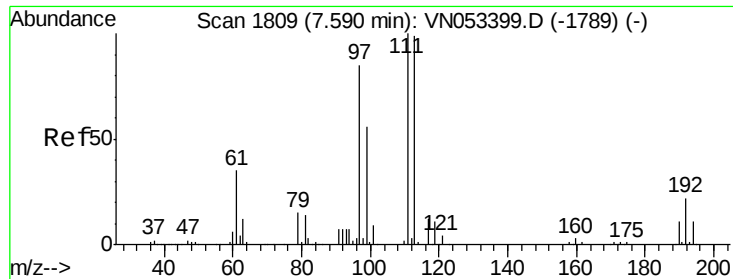
Tot Ion: 65 Resp: 484680
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053440.D
 Acq: 17 Jan 2019 17:46

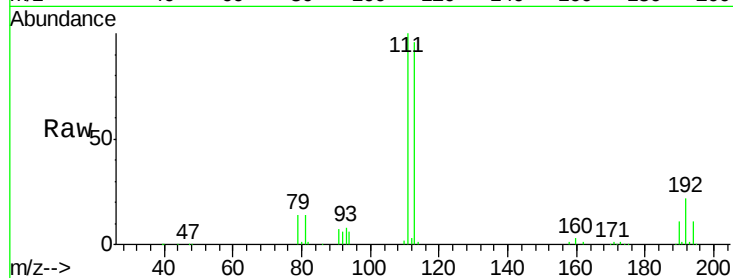
Tgt Ion: 114 Resp: 1497478
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.0 0.0 30.4



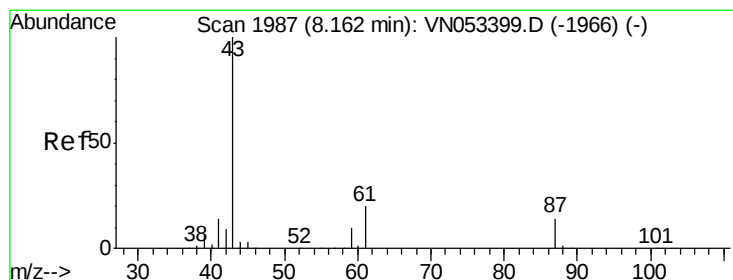
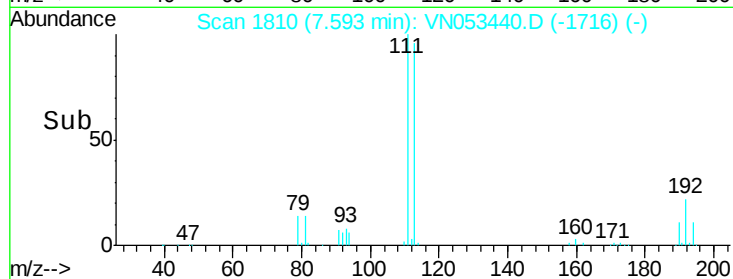
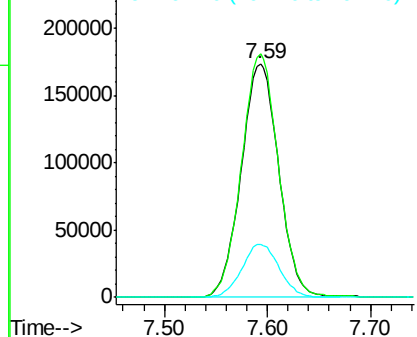


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053440.D
 Acq: 17 Jan 2019 17:46

Tot Ion:113 Resp: 438620
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 22.6 18.2 27.2

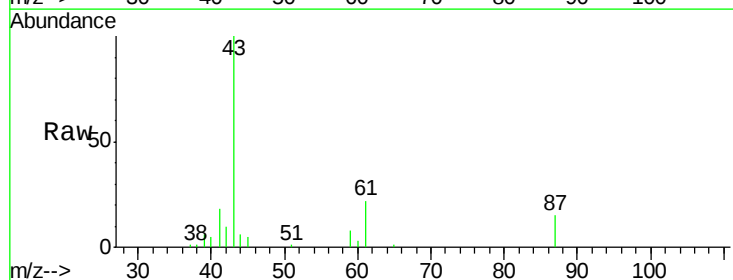


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

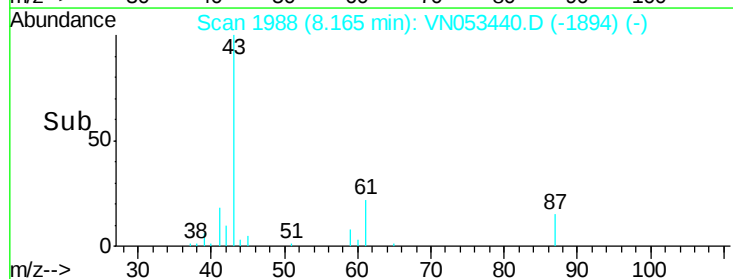
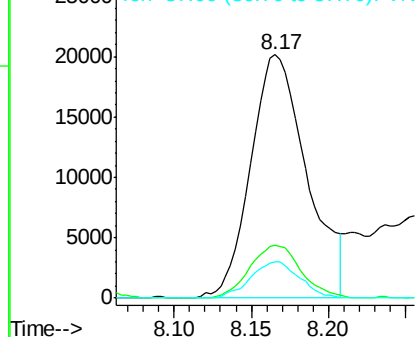


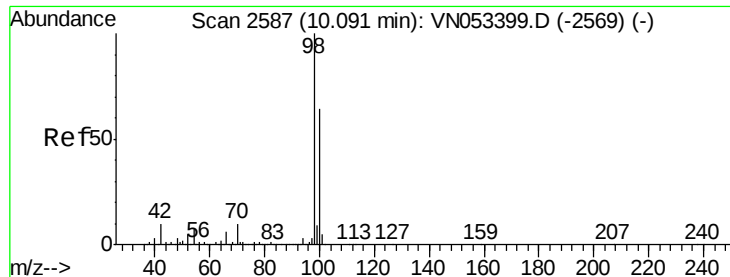
#43
 Isopropyl Acetate
 Concen: 3.617 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053440.D
 Acq: 17 Jan 2019 17:46

Tgt Ion: 43 Resp: 51036
 Ion Ratio Lower Upper
 43 100
 61 19.8 23.9 35.9#
 87 13.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053440.D

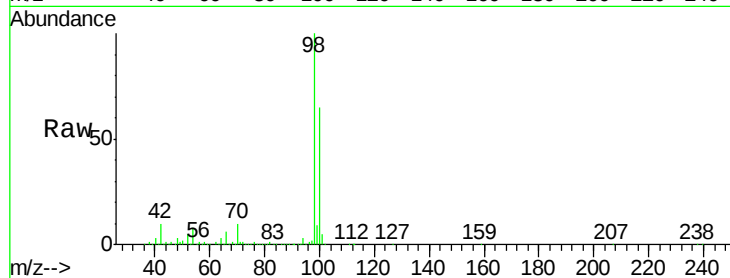
Acq: 17 Jan 2019 17:46

Tot Ion: 98 Resp: 1874065

Ion Ratio Lower Upper

98 100

100 64.4 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) (-)

1200000

1000000

800000

600000

400000

200000

0

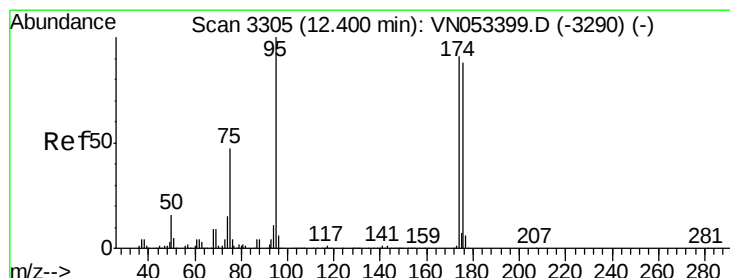
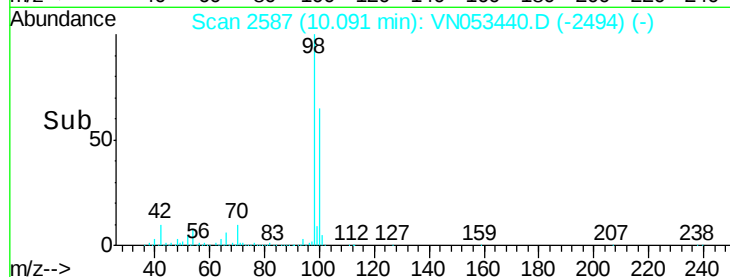
10.09

10.00

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053440.D

Acq: 17 Jan 2019 17:46

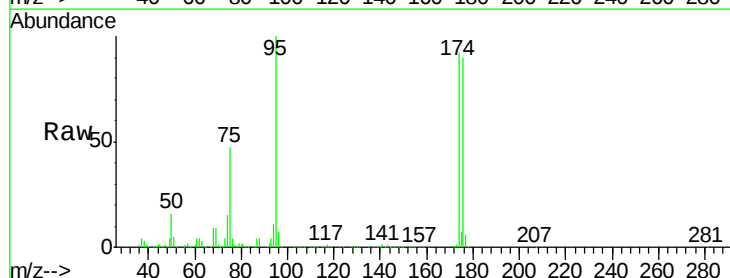
Tgt Ion: 95 Resp: 635952

Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.2

176 88.2 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) (-)

500000

400000

300000

200000

100000

0

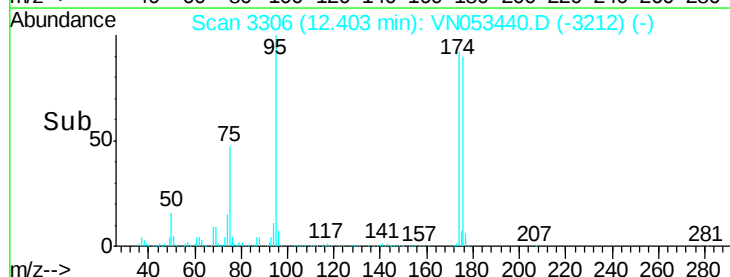
12.40

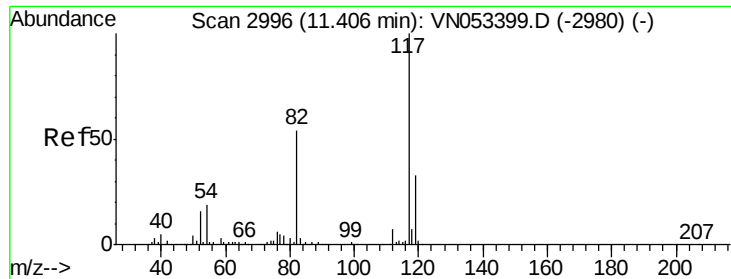
12.30

12.40

12.50

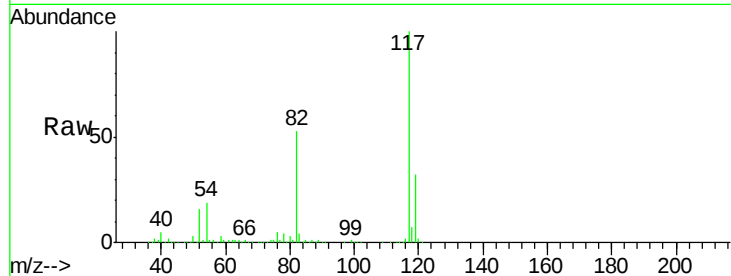
Time-->



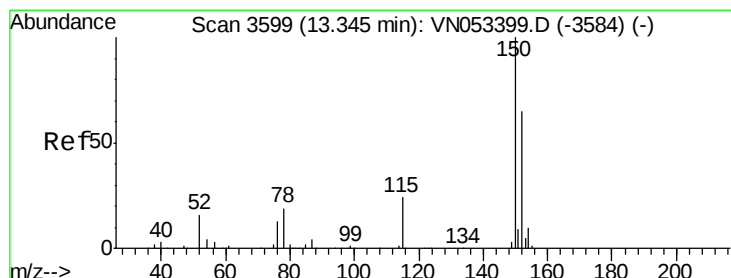
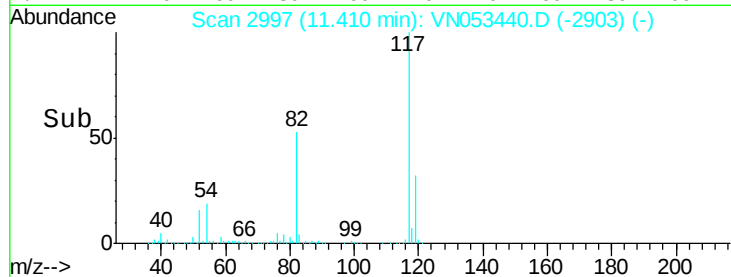
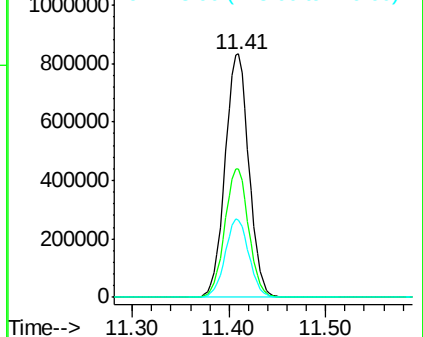


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053440.D
Acq: 17 Jan 2019 17:46

Tot Ion:117 Resp: 1417943
Ion Ratio Lower Upper
117 100
82 52.6 42.9 64.3
119 32.0 26.0 39.0

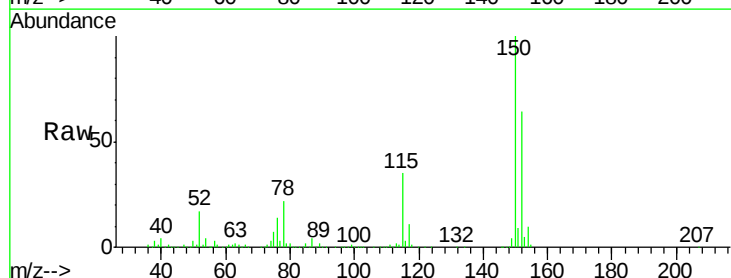


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053440.D
Acq: 17 Jan 2019 17:46

Tgt Ion:152 Resp: 593028
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 156.5 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

