

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053949.D
 Acq On : 26 Feb 2019 12:37
 Operator : JC/SP
 Sample : K1596-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

Quant Time: Feb 27 02:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

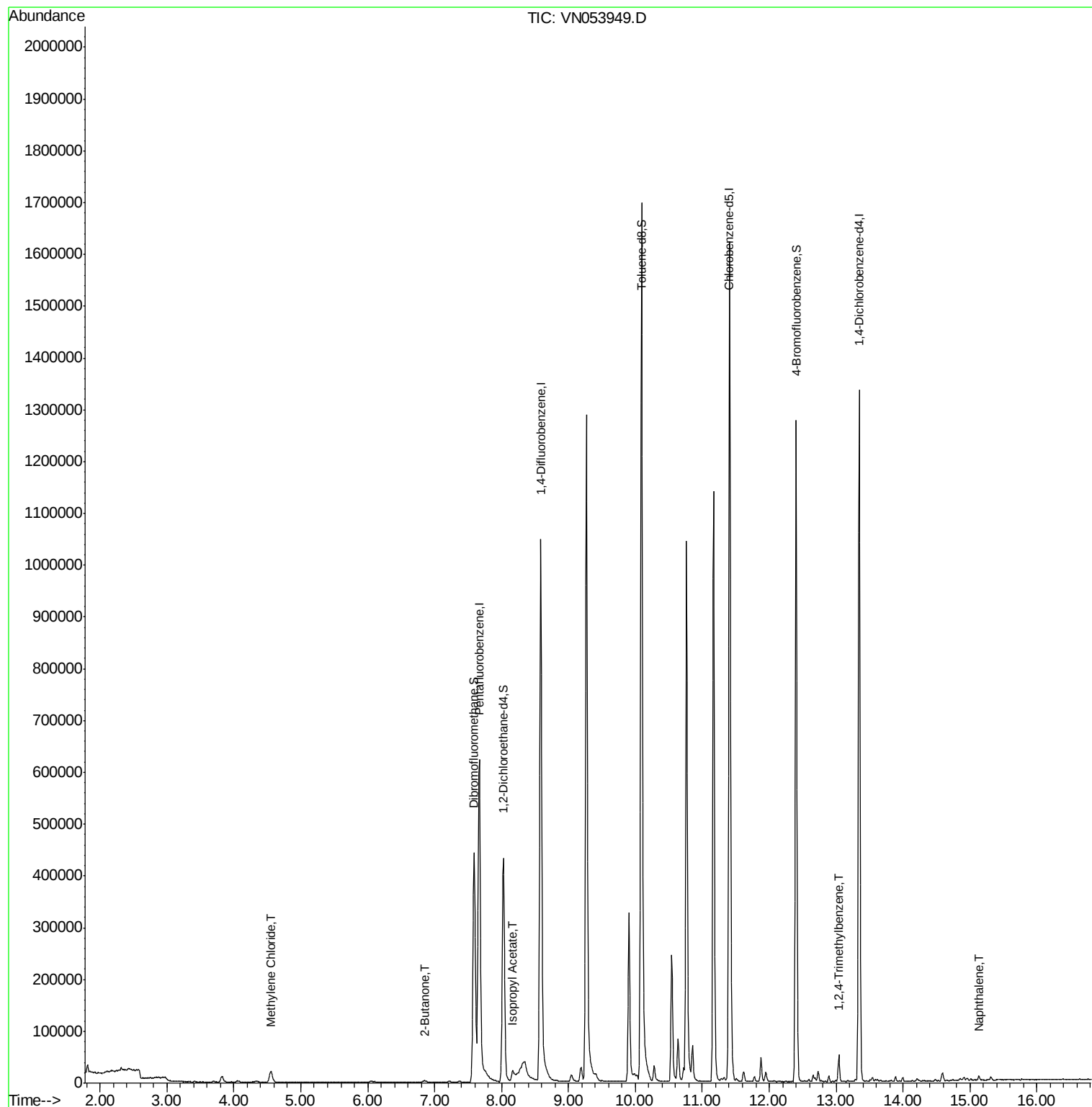
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	589181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1042012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1030048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	376219	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
35) Dibromofluoromethane	7.59	113	340776	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.09	98	1340602	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.40	95	442184	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
Target Compounds						
20) Methylene Chloride	4.55	84	16244	2.376	ug/l	96
25) 2-Butanone	6.85	43	7086	2.613	ug/l	92
43) Isopropyl Acetate	8.17	43	31778	2.720	ug/l #	88
84) 1,2,4-Trimethylbenzene	13.04	105	29994	1.231	ug/l	99
95) Naphthalene	15.14	128	7671	3.685	ug/l	97

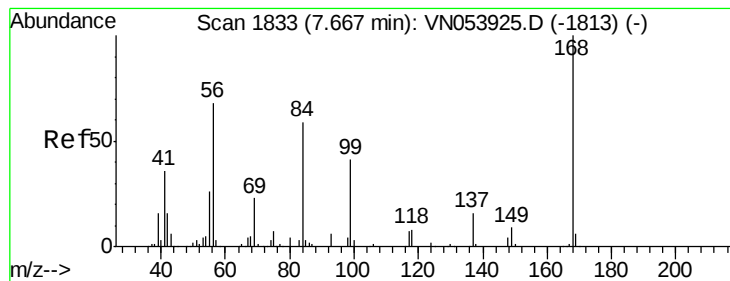
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
Data File : VN053949.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

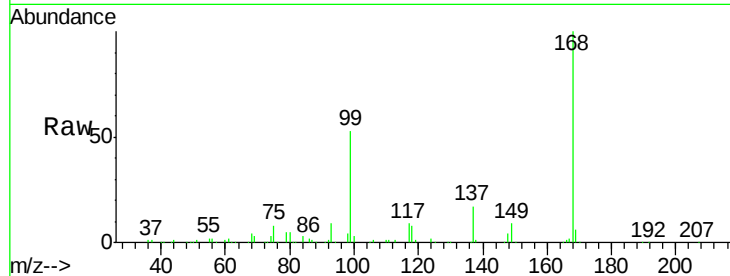
COMP-14

Tgt Ion:168 Resp: 589181

Ion Ratio Lower Upper

168 100

99 52.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

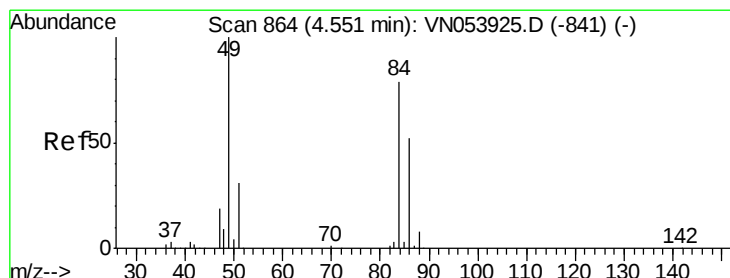
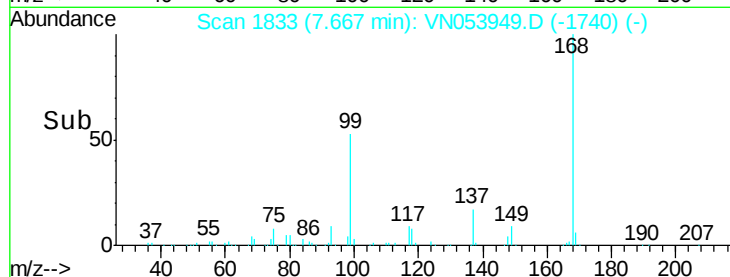
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 2.376 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Tgt Ion: 84 Resp: 16244

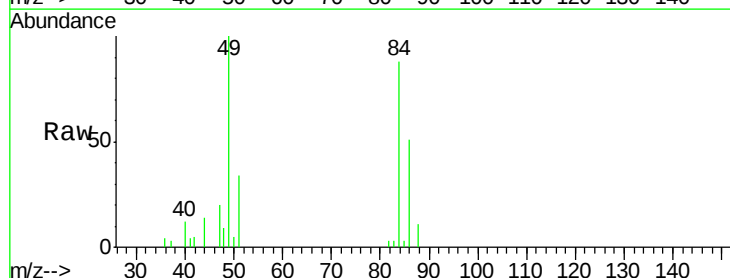
Ion Ratio Lower Upper

84 100

49 110.3 89.7 134.5

51 38.2 27.8 41.8

86 57.7 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

8000

6000

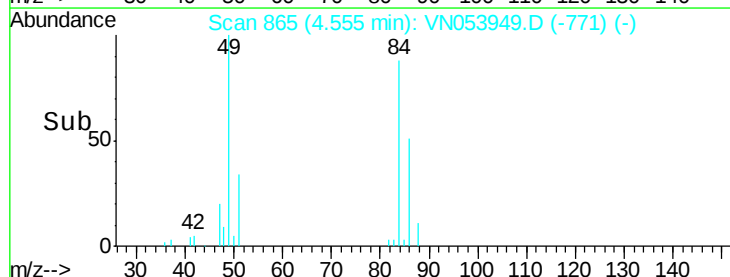
4000

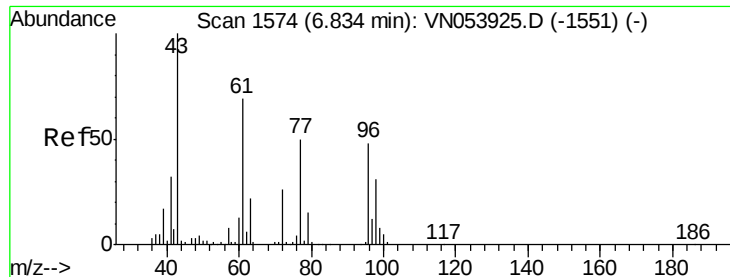
2000

0

4.45 4.50 4.55 4.60 4.65

Time-->

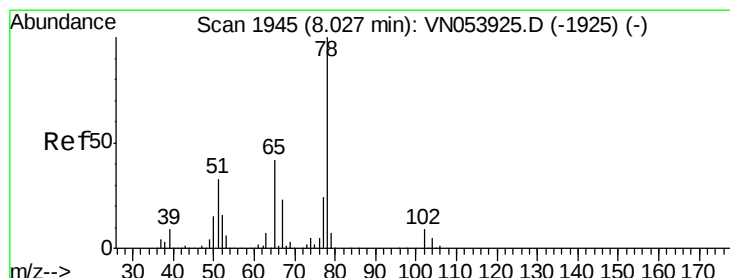
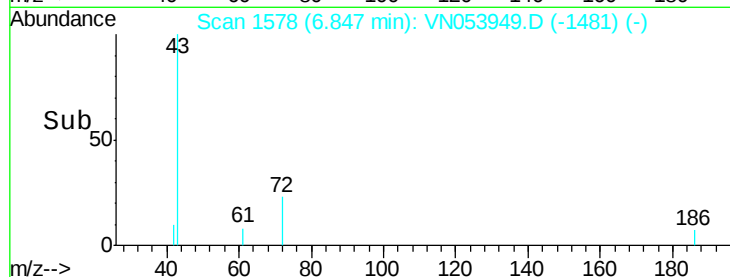
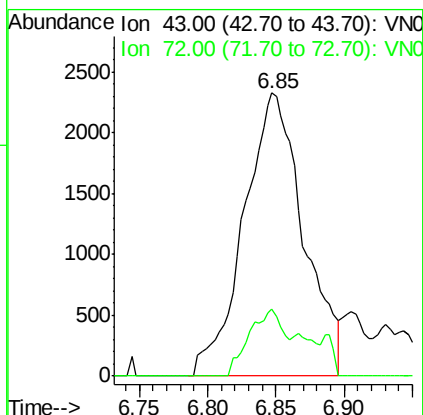
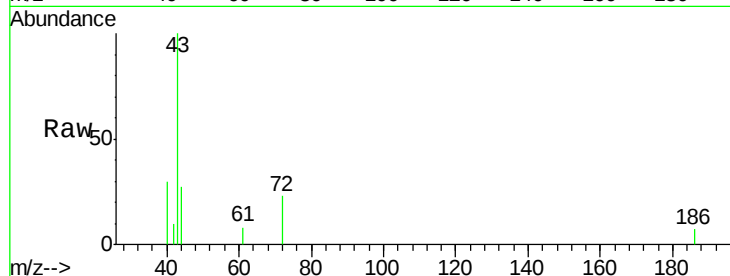




#25
 2-Butanone
 Concen: 2.613 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

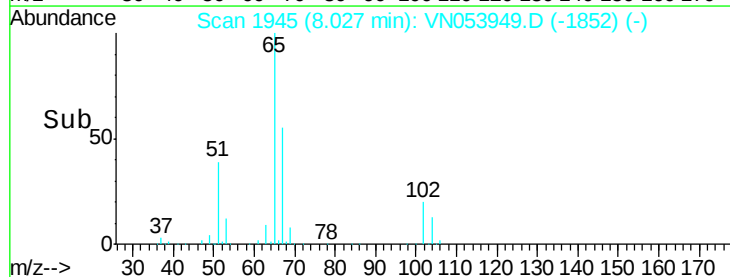
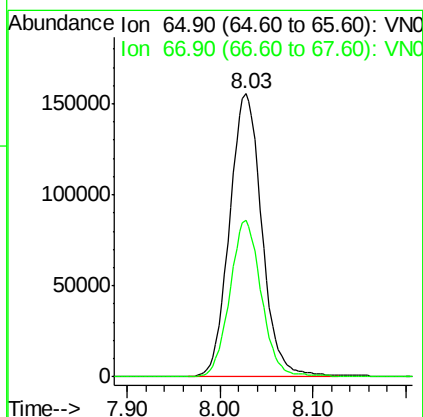
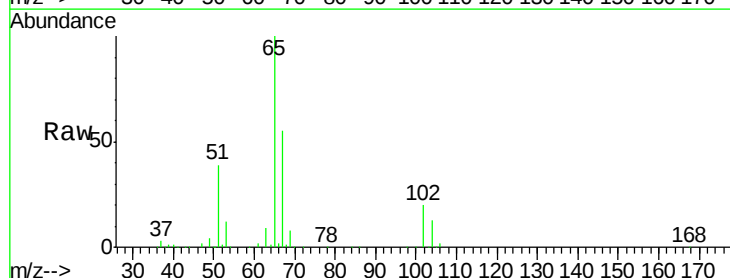
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

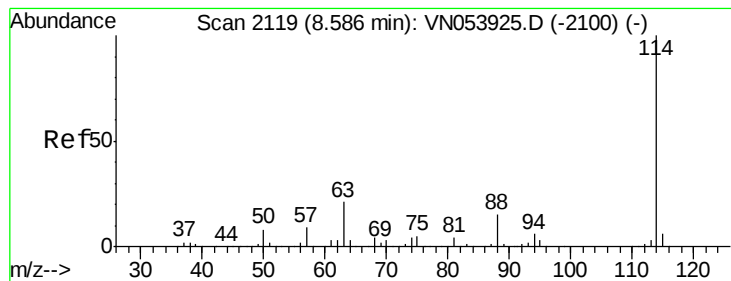
Tgt Ion: 43 Resp: 7086
 Ion Ratio Lower Upper
 43 100
 72 23.5 22.1 33.1



#33
 1,2-Dichloroethane-d4
 Concen: 54.473 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Tgt Ion: 65 Resp: 376219
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

COMP-14

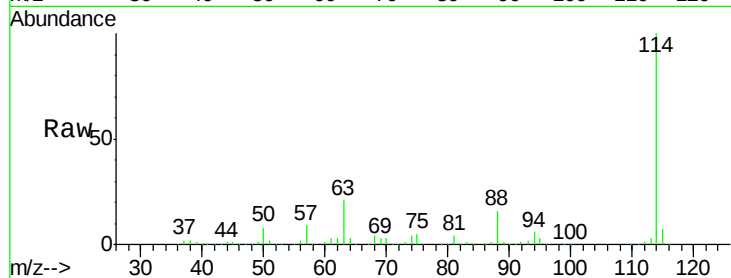
Tgt Ion:114 Resp: 1042012

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

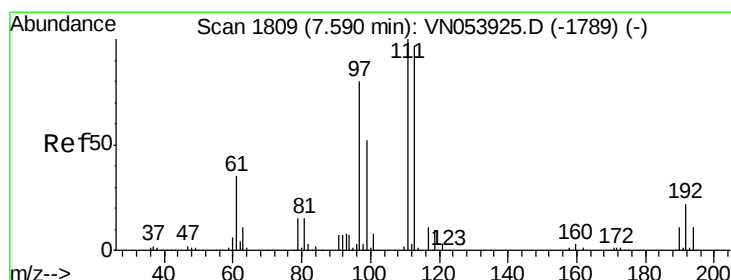
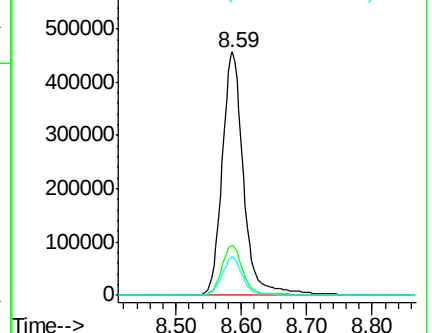
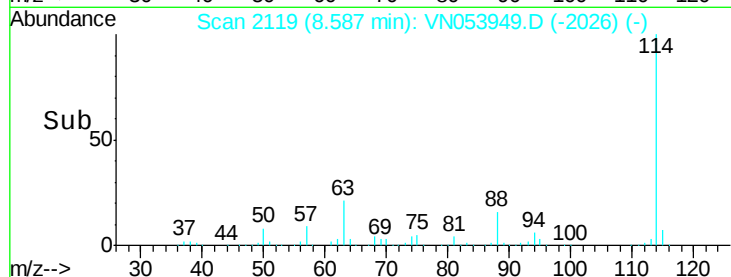
88 15.7 0.0 30.4



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: 50.573 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

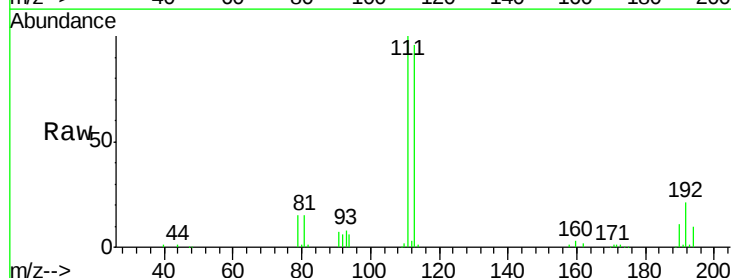
Tgt Ion:113 Resp: 340776

Ion Ratio Lower Upper

113 100

111 104.3 81.1 121.7

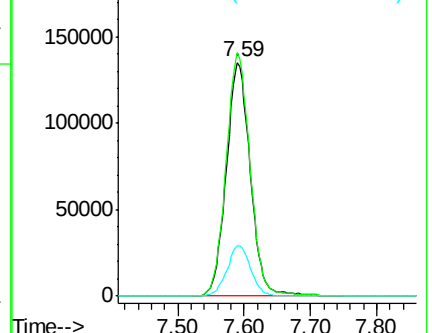
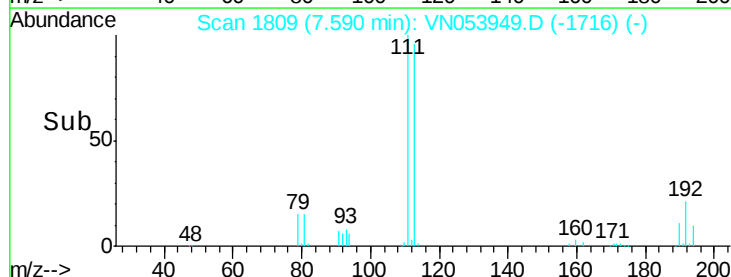
192 21.2 18.8 28.2

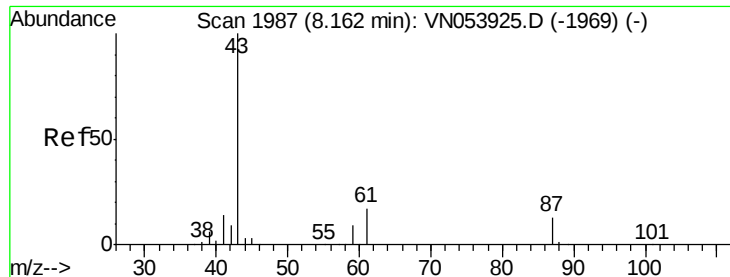


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.720 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

COMP-14

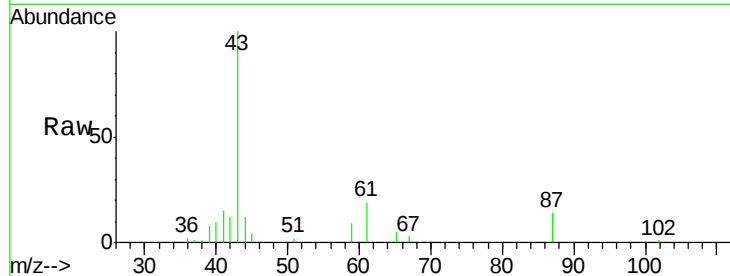
Tgt Ion: 43 Resp: 31778

Ion Ratio Lower Upper

43 100

61 15.7 17.4 26.0#

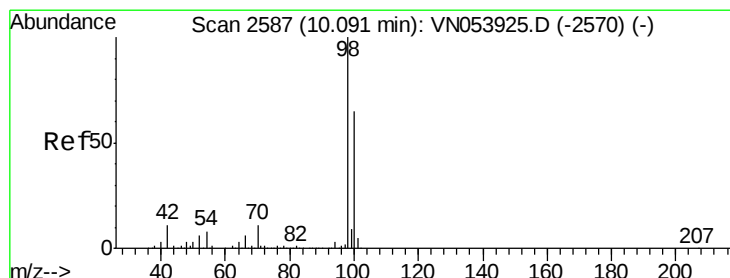
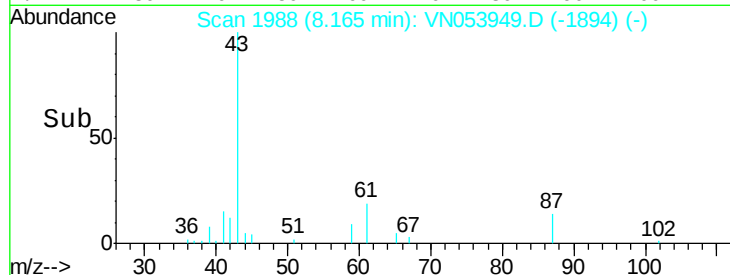
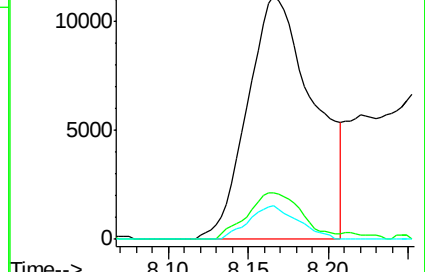
87 10.2 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053949.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053949.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053949.D (-1894) (-)



#50

Toluene-d8

Concen: 53.445 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053949.D

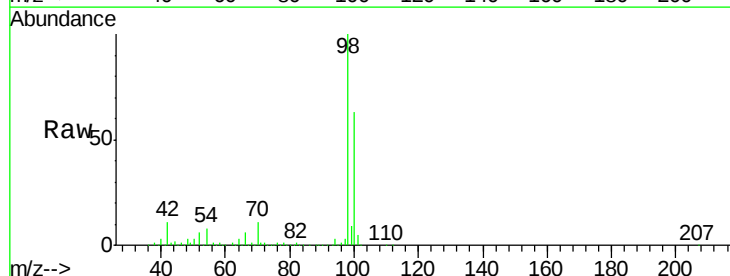
Acq: 26 Feb 2019 12:37

Tgt Ion: 98 Resp: 1340602

Ion Ratio Lower Upper

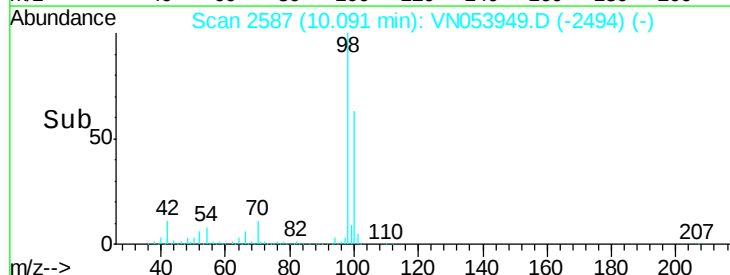
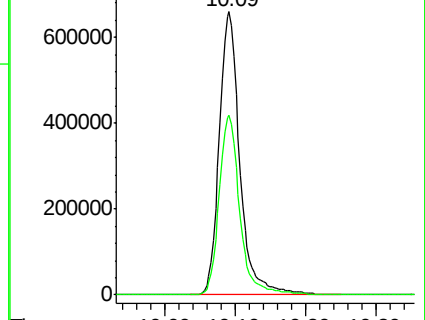
98 100

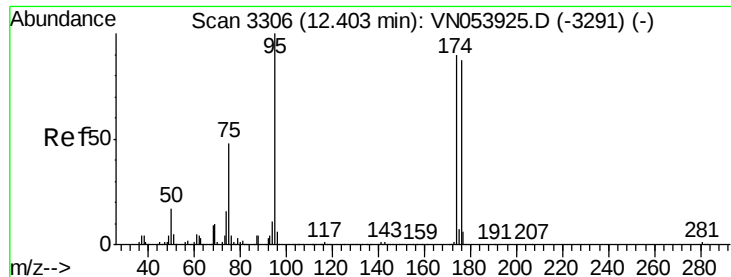
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053949.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053949.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 52.911 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

COMP-14

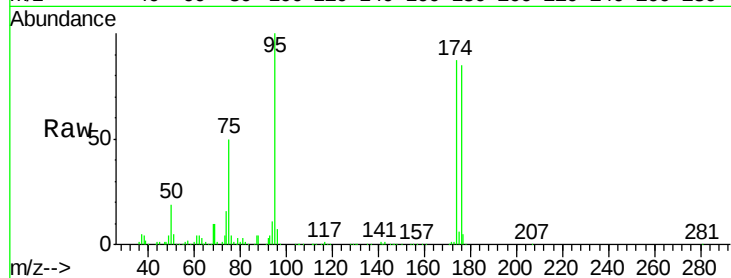
Tgt Ion: 95 Resp: 442184

Ion Ratio Lower Upper

95 100

174 87.7 0.0 188.8

176 85.6 0.0 182.6

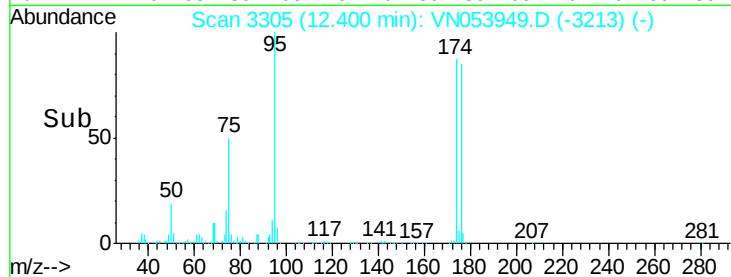


Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

Time-->

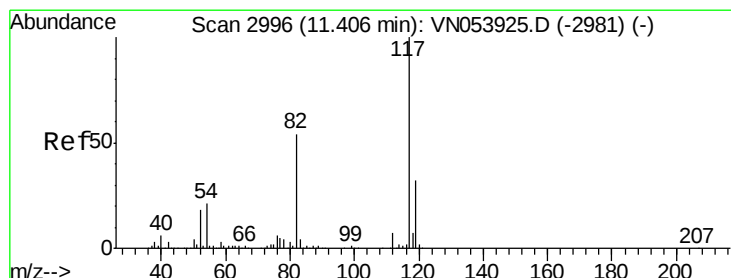


Abundance Ion 94.90 (94.60 to 95.60): VN053949.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053949.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053949.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

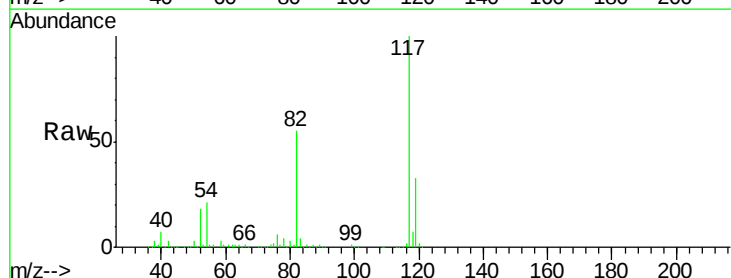
Tgt Ion: 117 Resp: 1030048

Ion Ratio Lower Upper

117 100

82 55.0 41.4 62.2

119 32.6 25.3 37.9

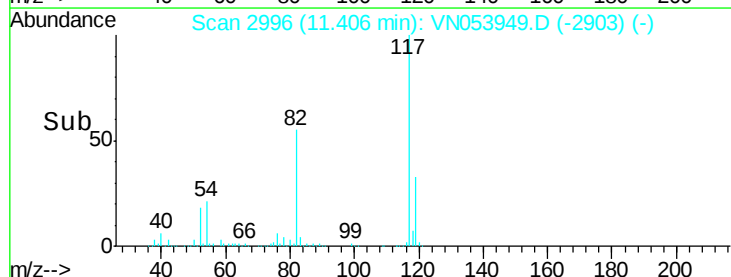


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

Time-->

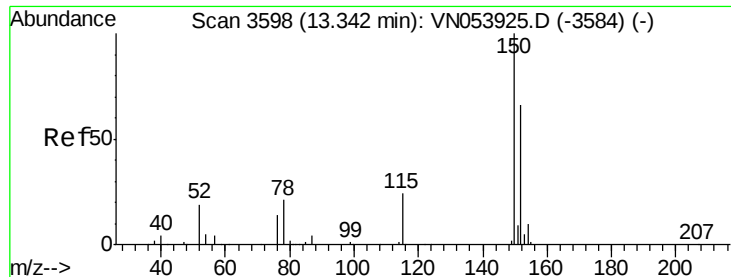


Abundance Ion 116.90 (116.60 to 117.60): VN053949.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053949.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053949.D (-2903) (-)

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: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

COMP-14

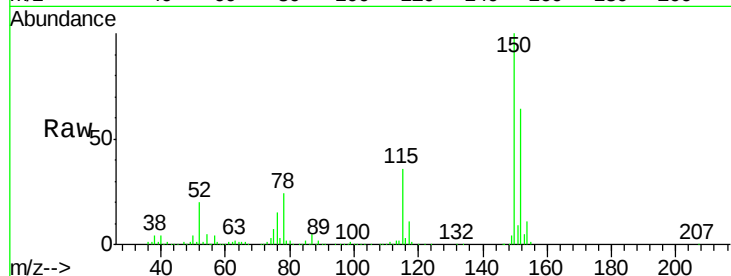
Tgt Ion:152 Resp: 382906

Ion Ratio Lower Upper

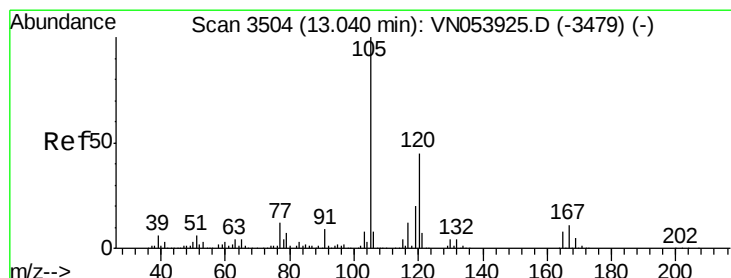
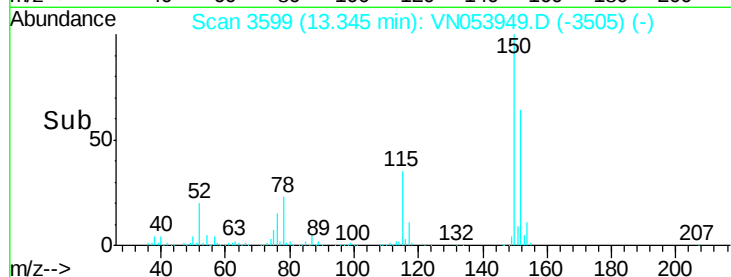
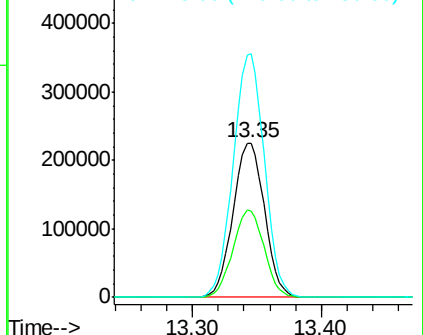
152 100

115 56.0 27.2 81.6

150 156.2 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.231 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053949.D

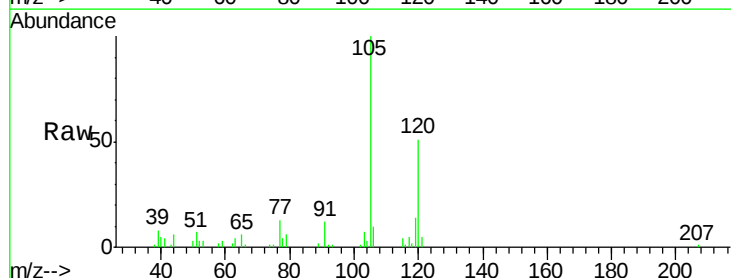
Acq: 26 Feb 2019 12:37

Tgt Ion:105 Resp: 29994

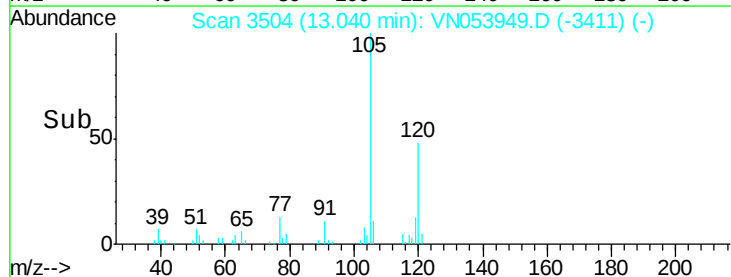
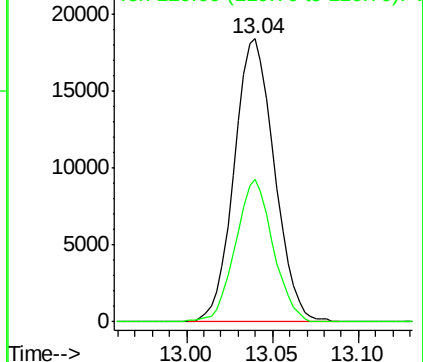
Ion Ratio Lower Upper

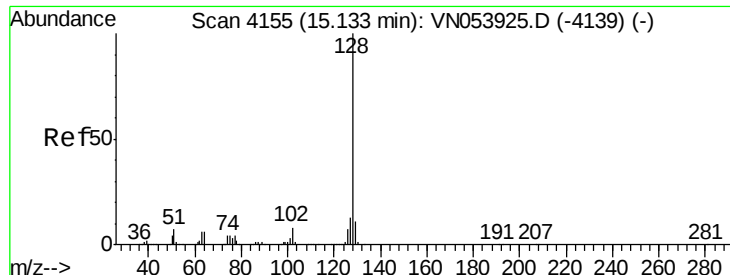
105 100

120 47.2 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.685 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

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MSVOA_N

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COMP-14

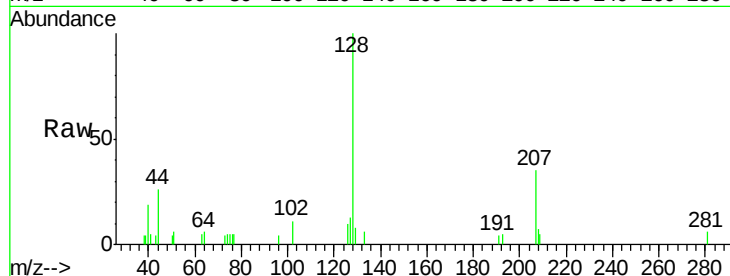
Tgt Ion:128 Resp: 7671

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 9.4 8.6 12.8



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

