

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053939.D
 Acq On : 25 Feb 2019 19:36
 Operator : JC/SP
 Sample : K1592-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Feb 28 04:59:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

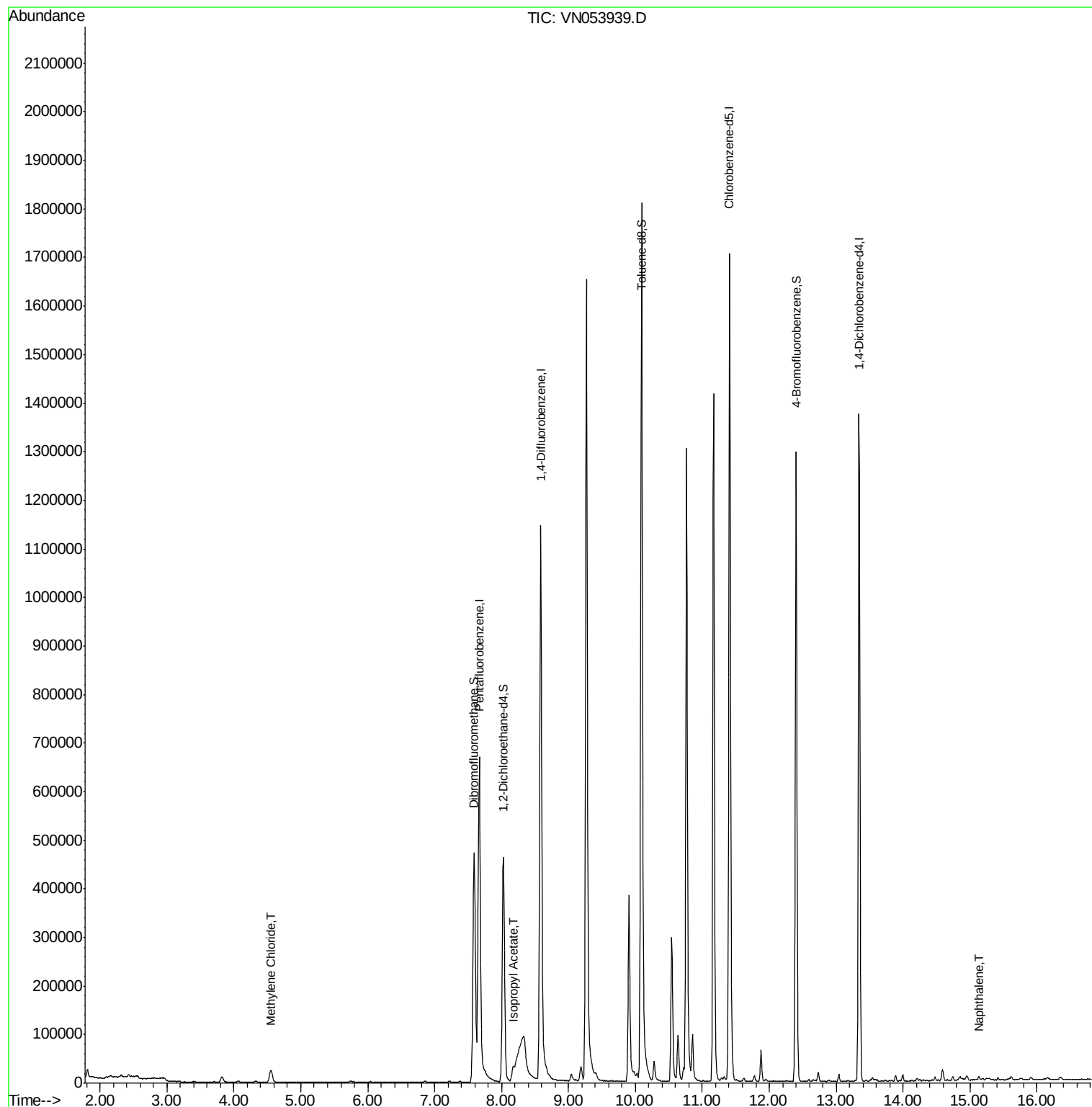
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1143202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1080631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	382321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	400917	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.59	113	372963	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.09	98	1439742	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.40	95	453247	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
20) Methylene Chloride	4.55	84	18612	2.591	ug/l	98
43) Isopropyl Acetate	8.17	43	38014	2.966	ug/l #	89
95) Naphthalene	15.14	128	6795	3.632	ug/l	95

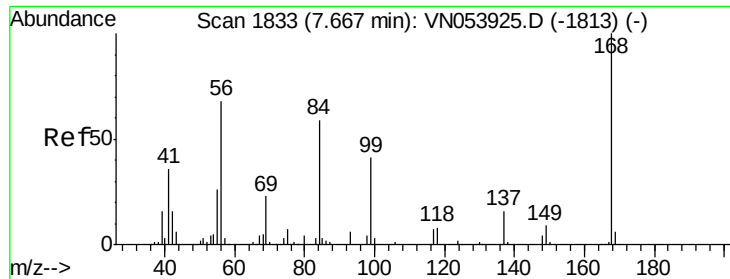
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 28 04:05:45 2019
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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: VN053939.D

Acq: 25 Feb 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

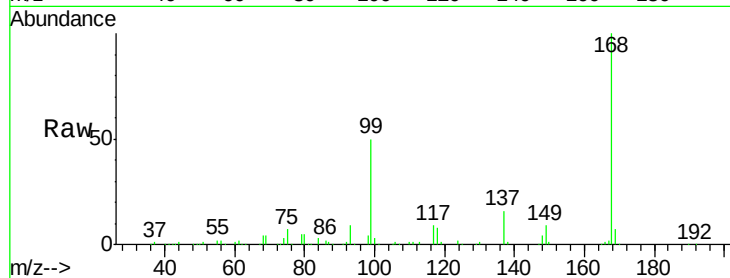
TP-4

Tot Ion:168 Resp: 619149

Ion Ratio Lower Upper

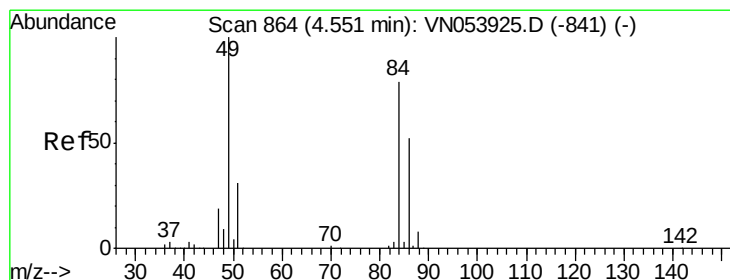
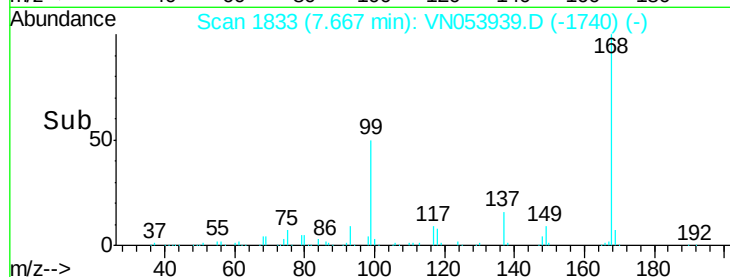
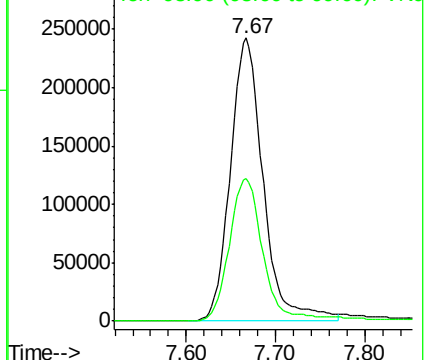
168 100

99 50.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.591 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053939.D

Acq: 25 Feb 2019 19:36

Tgt Ion: 84 Resp: 18612

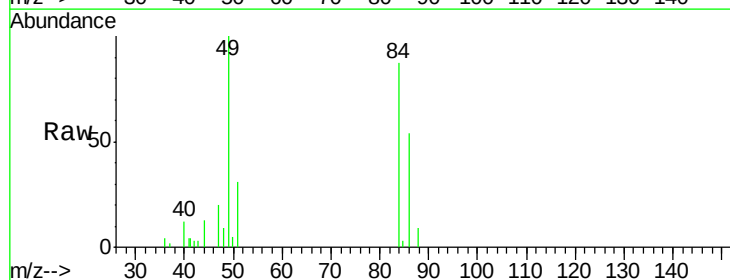
Ion Ratio Lower Upper

84 100

49 114.9 89.7 134.5

51 36.1 27.8 41.8

86 62.3 51.3 76.9

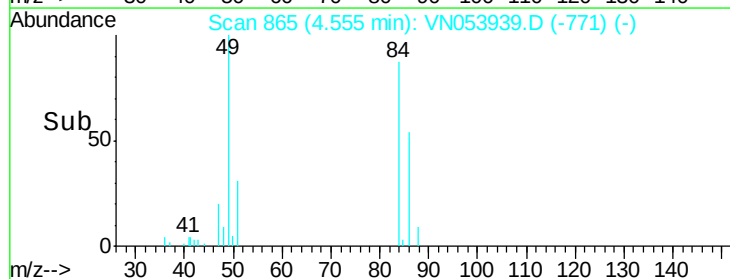
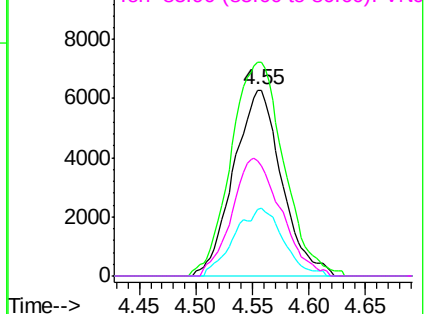


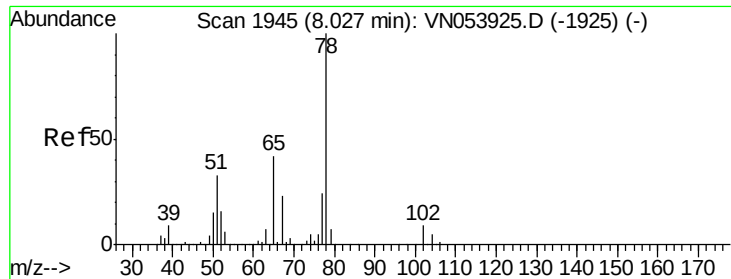
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

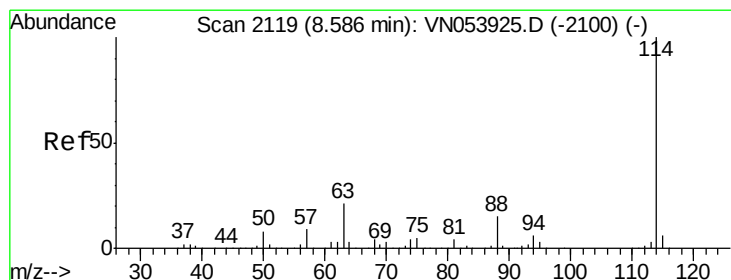
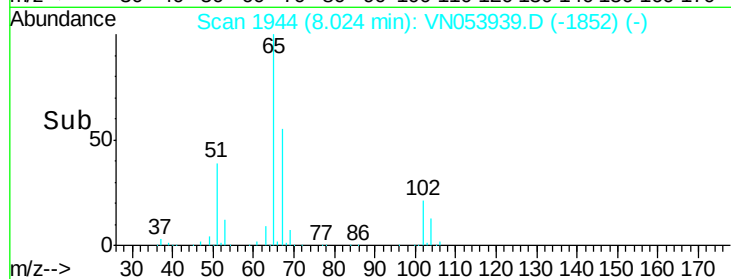
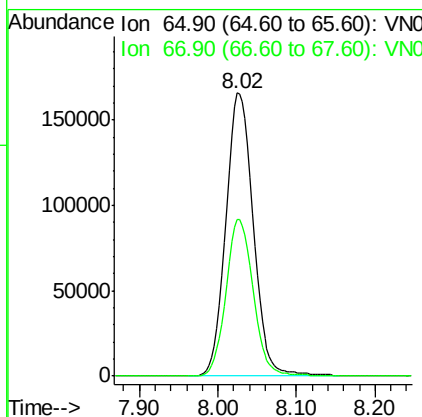
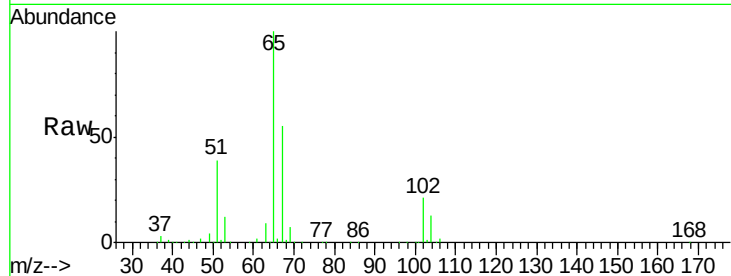




#33
 1,2-Dichloroethane-d4
 Concen: 55.239 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053939.D
 Acq: 25 Feb 2019 19:36

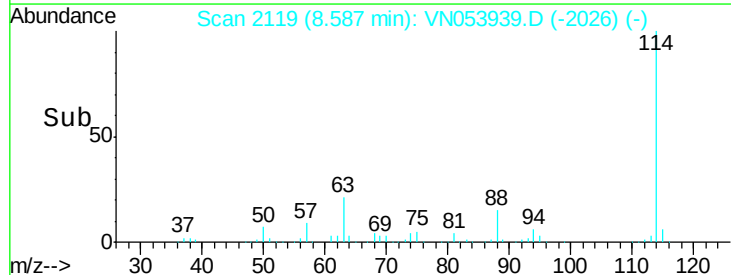
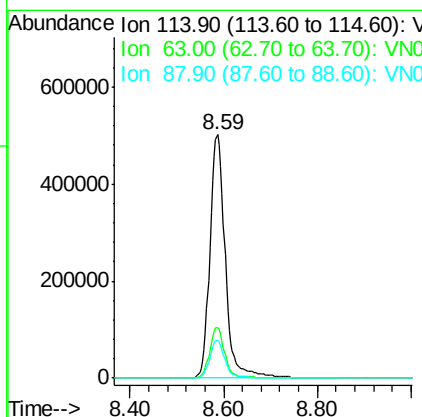
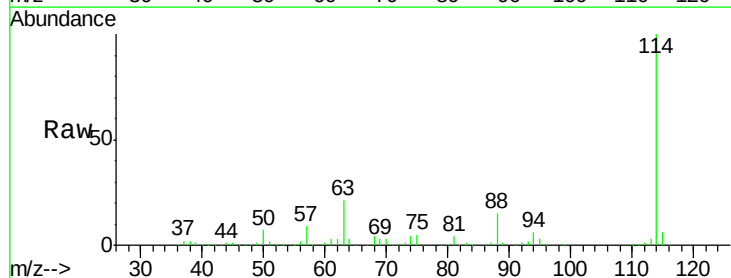
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

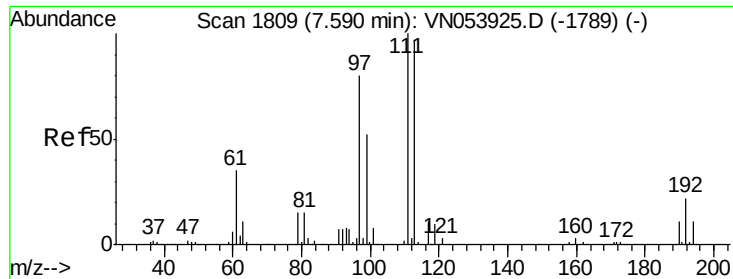
Tot Ion: 65 Resp: 400917
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053939.D
 Acq: 25 Feb 2019 19:36

Tgt Ion: 114 Resp: 1143202
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.4
 88 15.5 0.0 30.4

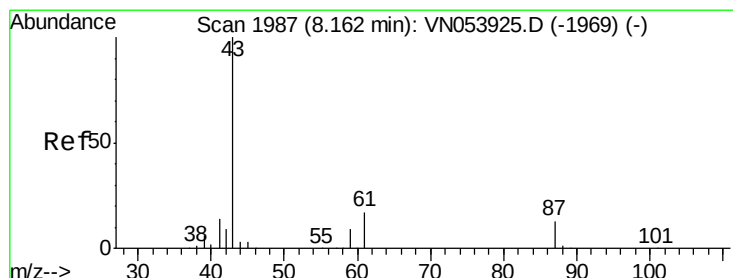
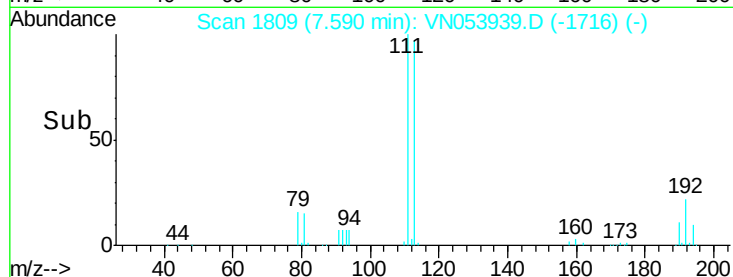
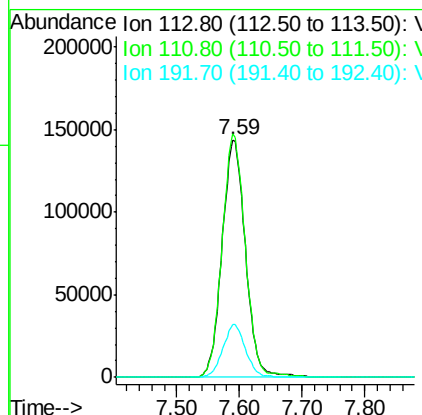
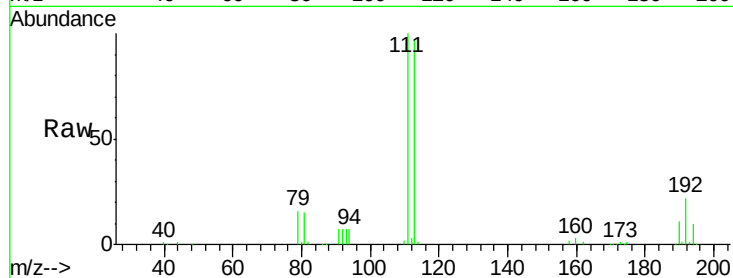




#35
 Dibromofluoromethane
 Concen: 50.451 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053939.D
 Acq: 25 Feb 2019 19:36

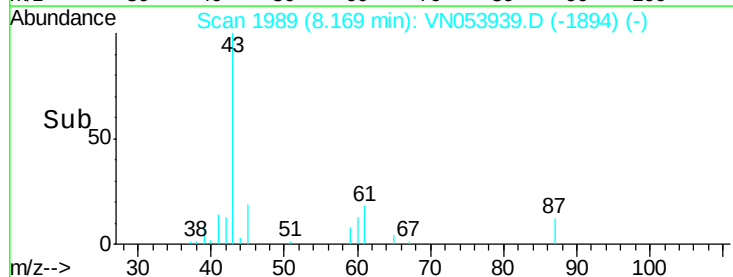
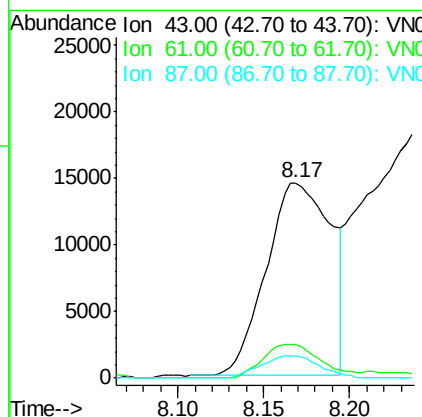
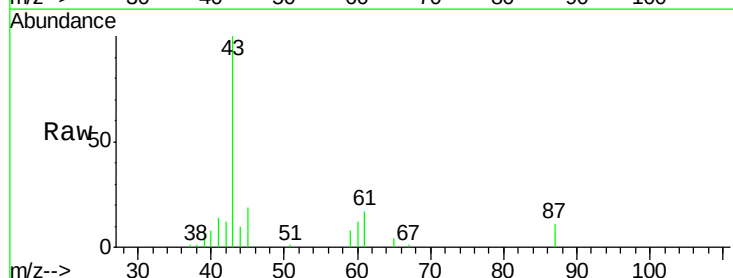
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

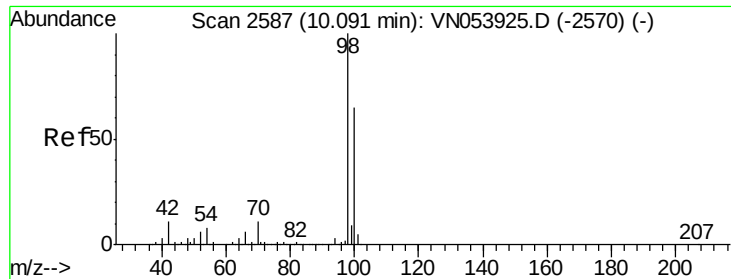
Tot Ion:113 Resp: 372963
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.1 121.7
 192 21.7 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.966 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053939.D
 Acq: 25 Feb 2019 19:36

Tgt Ion: 43 Resp: 38014
 Ion Ratio Lower Upper
 43 100
 61 15.8 17.4 26.0#
 87 10.4 11.5 17.3#





#50

Toluene-d8

Concen: 52.317 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053939.D

Acq: 25 Feb 2019 19:36

Instrument :

MSVOA_N

ClientSampled :

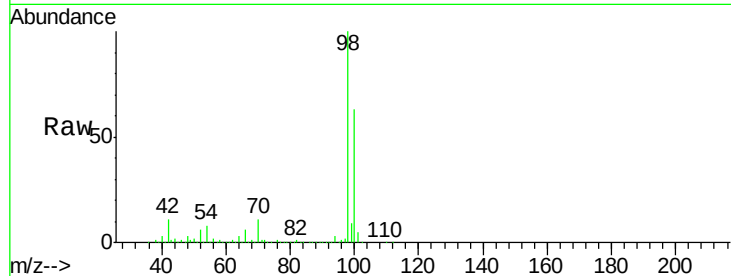
TP-4

Tot Ion: 98 Resp: 1439742

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

10.09

800000

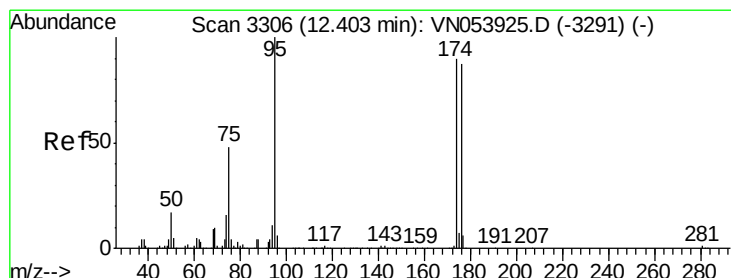
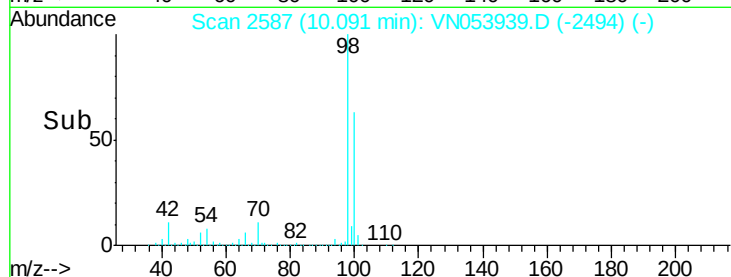
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.434 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053939.D

Acq: 25 Feb 2019 19:36

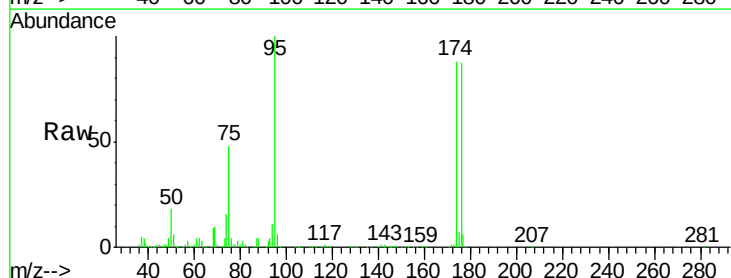
Tgt Ion: 95 Resp: 453247

Ion Ratio Lower Upper

95 100

174 88.8 0.0 188.8

176 85.9 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) (-)

12.40

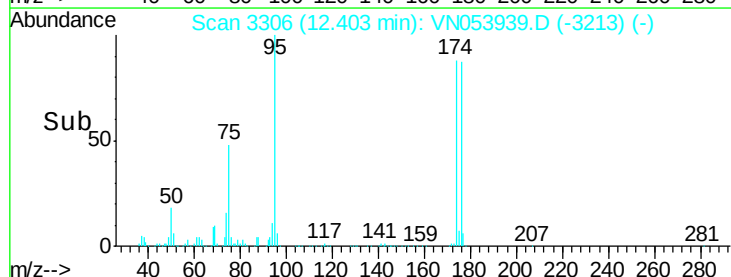
300000

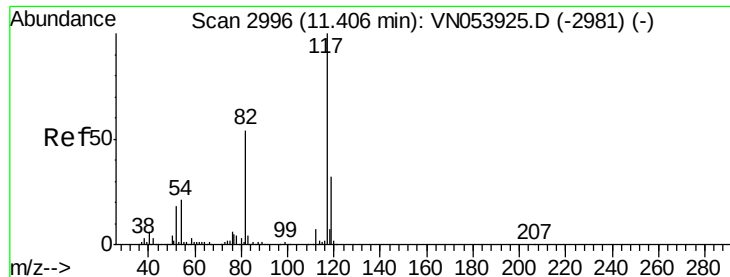
200000

100000

0

Time-->

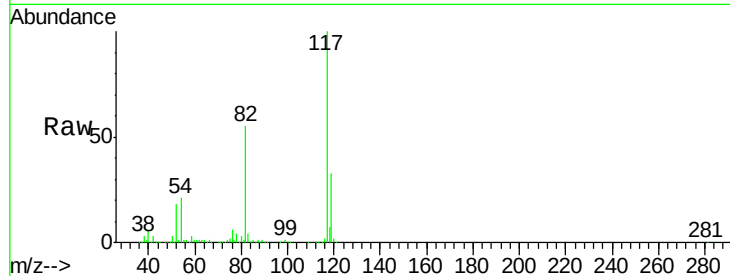




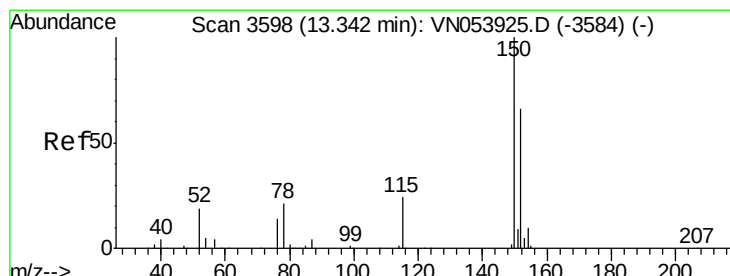
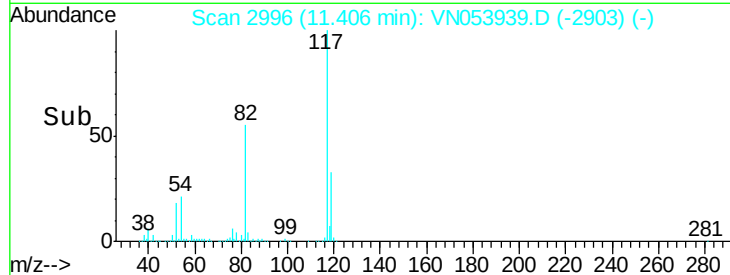
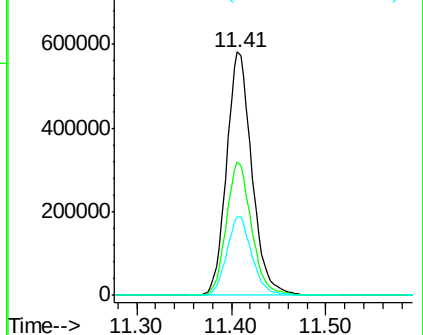
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053939.D
Acq: 25 Feb 2019 19:36

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion:117 Resp: 1080631
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.2
119 32.5 25.3 37.9

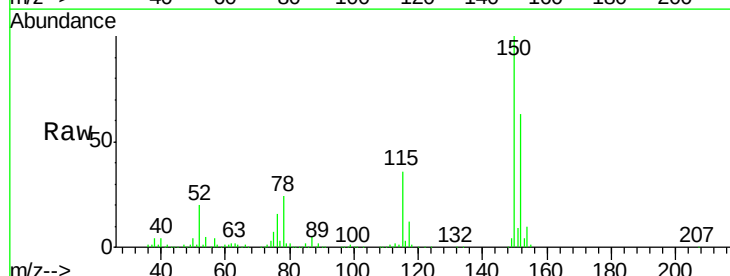


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

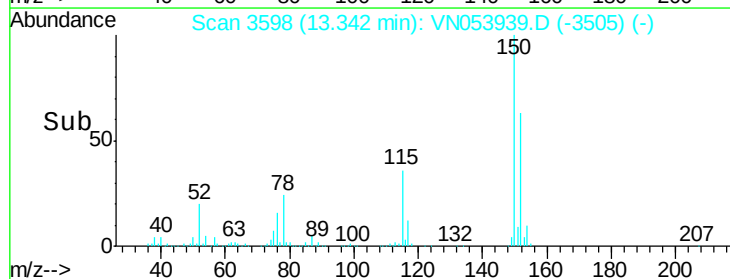
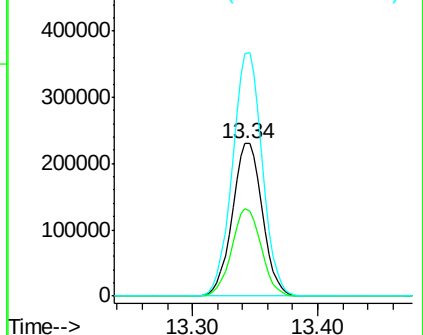


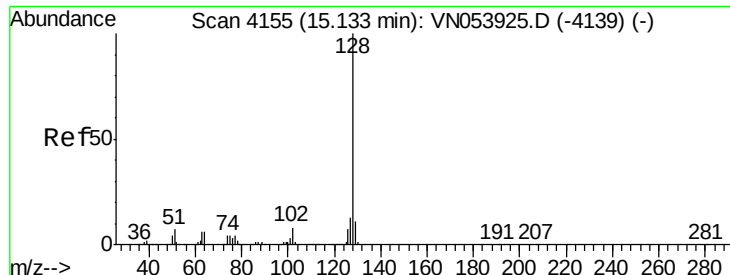
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053939.D
Acq: 25 Feb 2019 19:36

Tgt Ion:152 Resp: 382321
Ion Ratio Lower Upper
152 100
115 56.5 27.2 81.6
150 158.2 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





#95

Naphthalene

Concen: 3.632 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053939.D

Acq: 25 Feb 2019 19:36

Instrument :

MSVOA_N

ClientSampleId :

TP-4

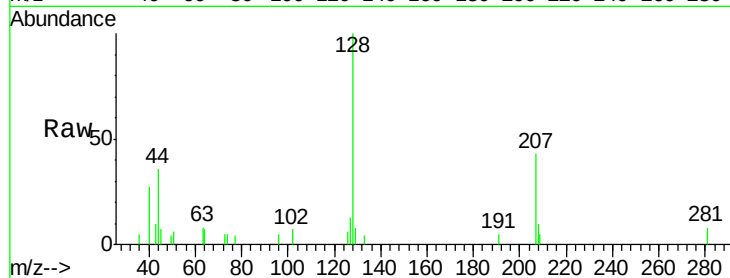
Tot Ion:128 Resp: 6795

Ion Ratio Lower Upper

128 100

127 10.5 10.2 15.2

129 9.2 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

