

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053937.D
 Acq On : 25 Feb 2019 18:43
 Operator : JC/SP
 Sample : K1356-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-022219-A

Quant Time: Feb 28 04:40:29 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

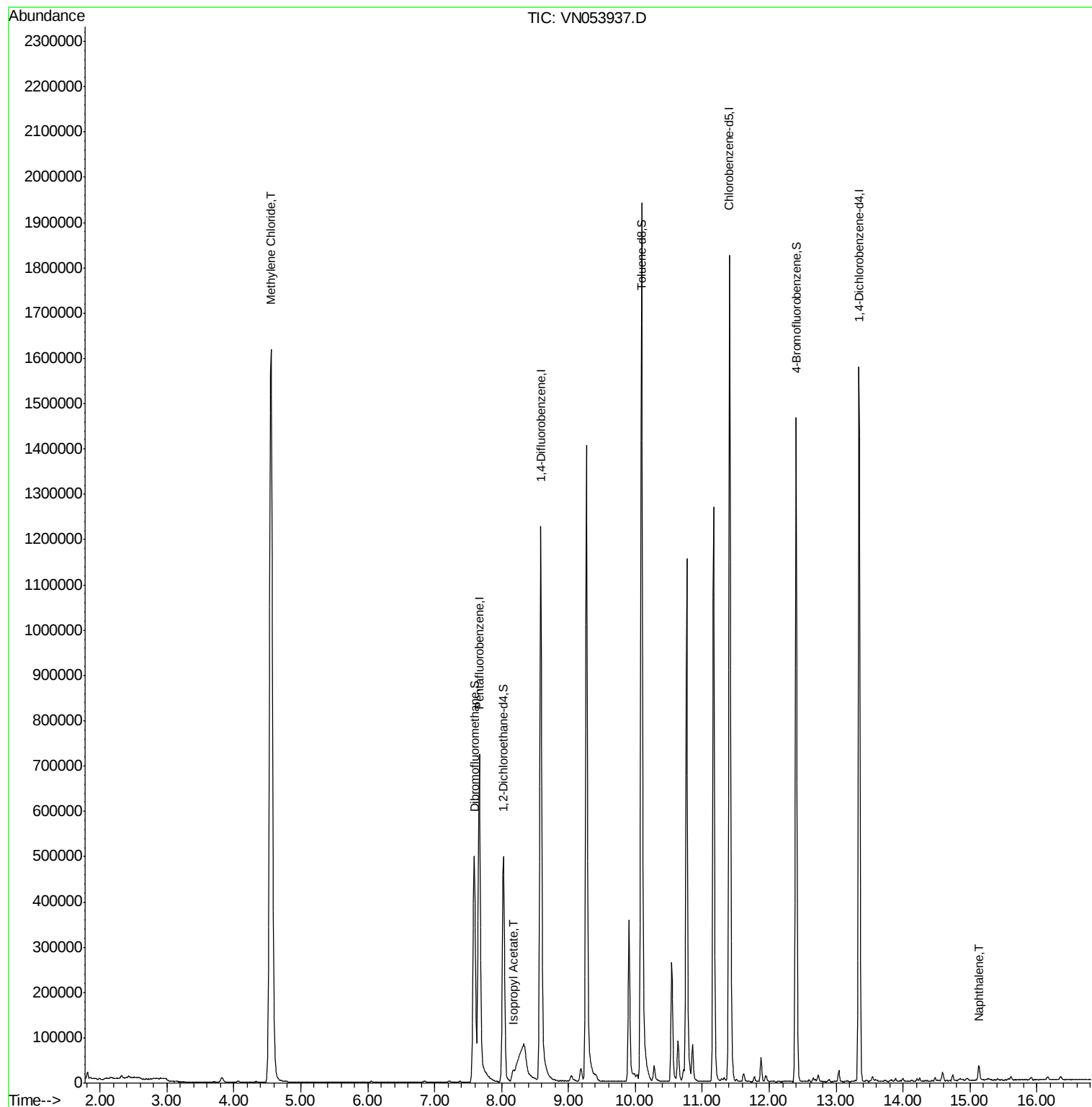
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	679374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1214217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1170707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	441707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427145	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.59	113	395712	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.09	98	1522546	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.40	95	513992	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
20) Methylene Chloride	4.55	84	1245129	157.972	ug/l	91
43) Isopropyl Acetate	8.17	43	33653	2.472	ug/l #	88
95) Naphthalene	15.13	128	30520	4.845	ug/l	99

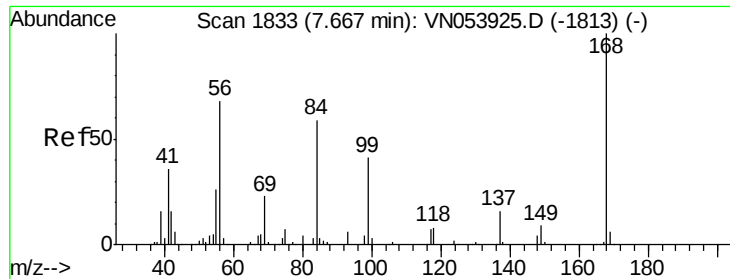
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022519\
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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: VN053937.D

Acq: 25 Feb 2019 18:43

Instrument :

MSVOA_N

ClientSampleId :

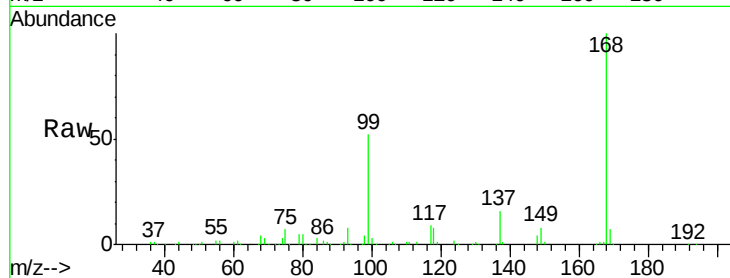
SU-02-022219-A

Tot Ion:168 Resp: 679374

Ion Ratio Lower Upper

168 100

99 51.7 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

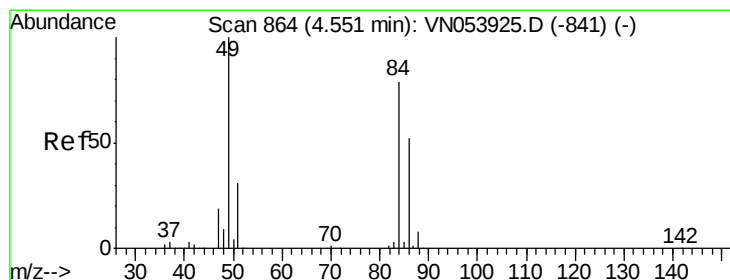
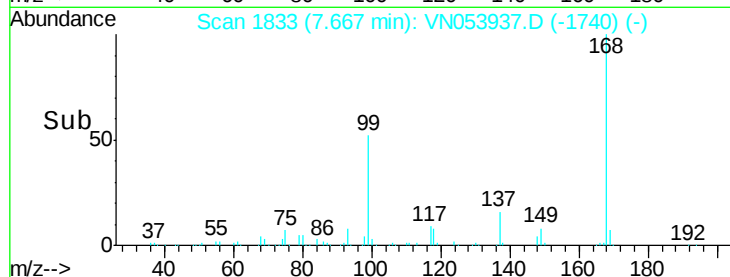
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 157.972 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053937.D

Acq: 25 Feb 2019 18:43

Tgt Ion: 84 Resp: 1245129

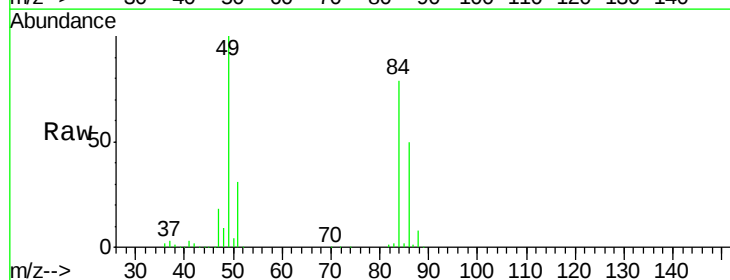
Ion Ratio Lower Upper

84 100

49 126.8 89.7 134.5

51 39.7 27.8 41.8

86 64.0 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

4.55

800000

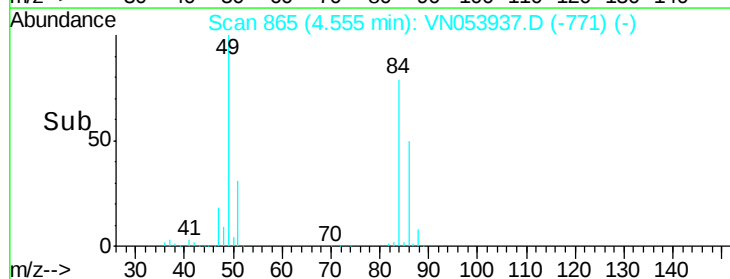
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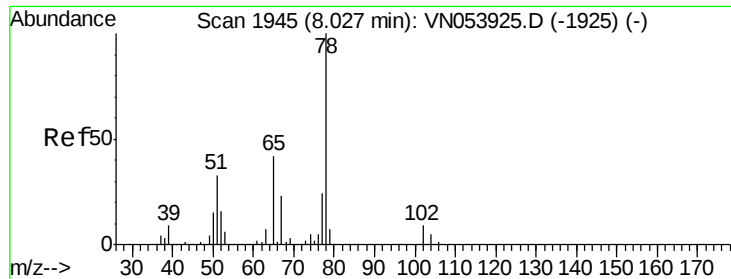
400000

200000

0

Time--> 4.40 4.50 4.60 4.70

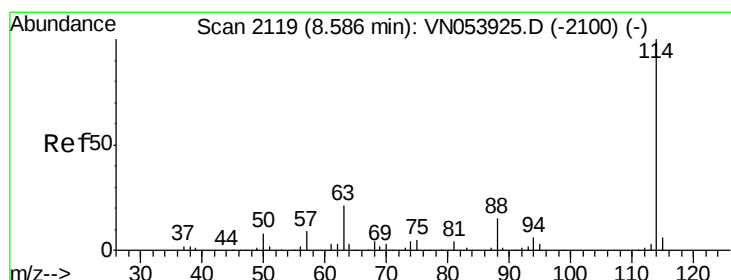
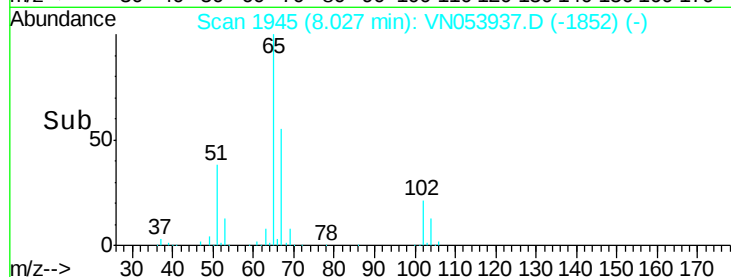
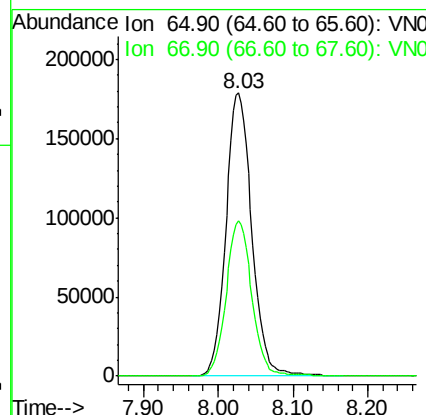
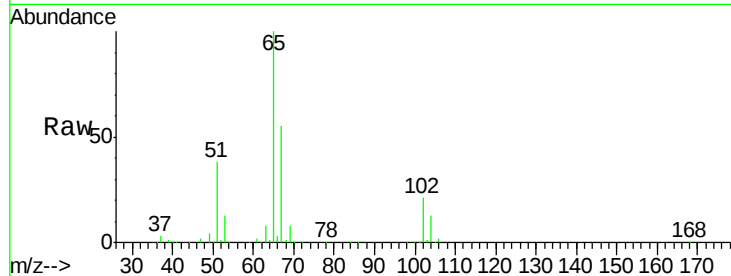




#33
 1,2-Dichloroethane-d4
 Concen: 53.636 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053937.D
 Acq: 25 Feb 2019 18:43

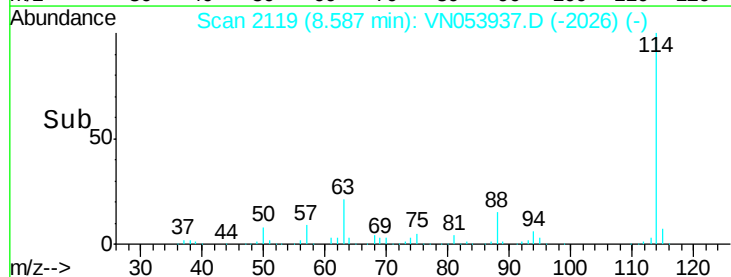
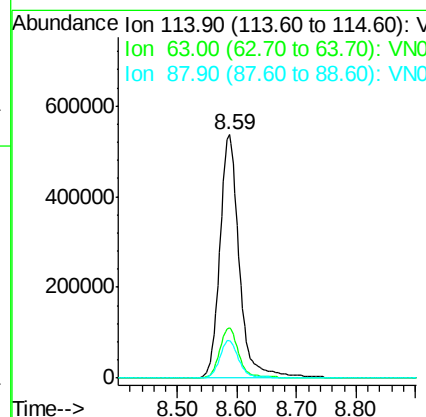
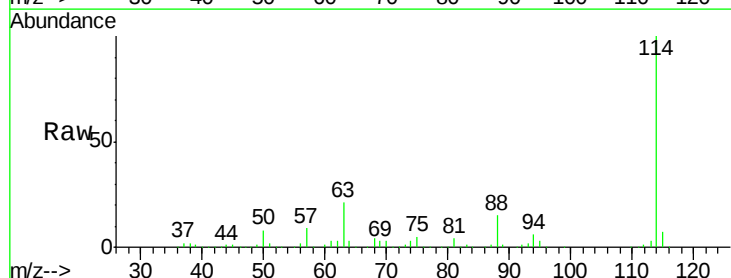
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-022219-A

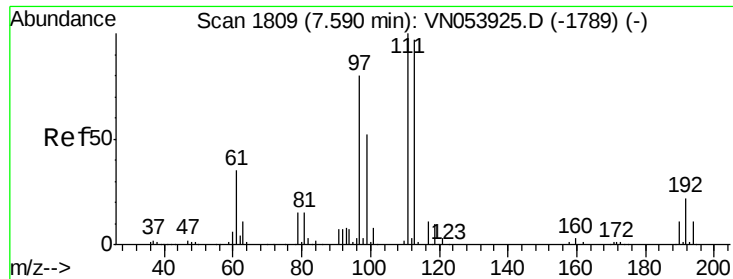
Tot Ion: 65 Resp: 427145
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053937.D
 Acq: 25 Feb 2019 18:43

Tgt Ion: 114 Resp: 1214217
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.4
 88 15.4 0.0 30.4

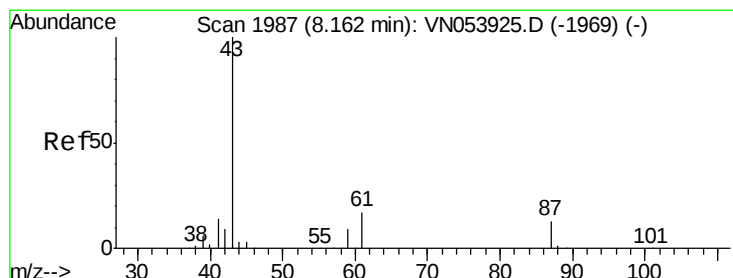
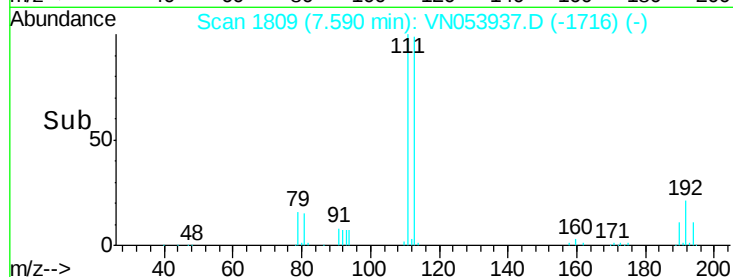
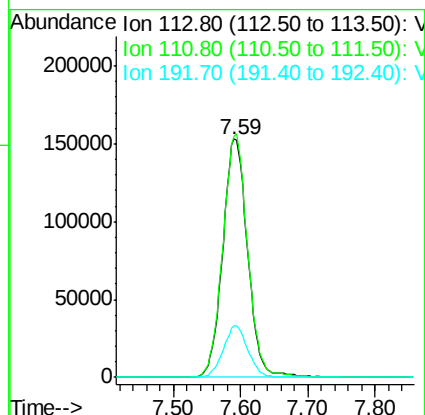
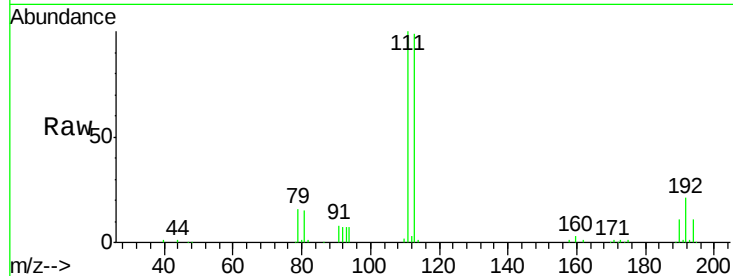




#35
 Dibromofluoromethane
 Concen: 50.397 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053937.D
 Acq: 25 Feb 2019 18:43

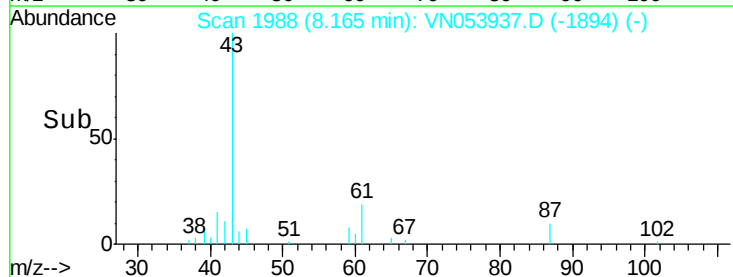
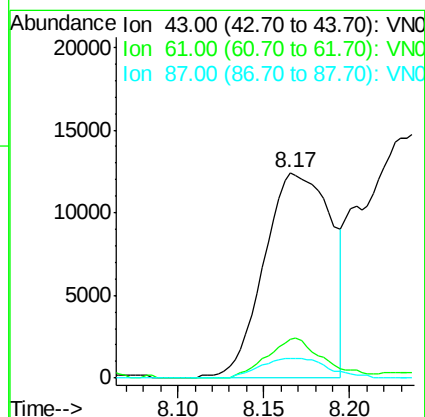
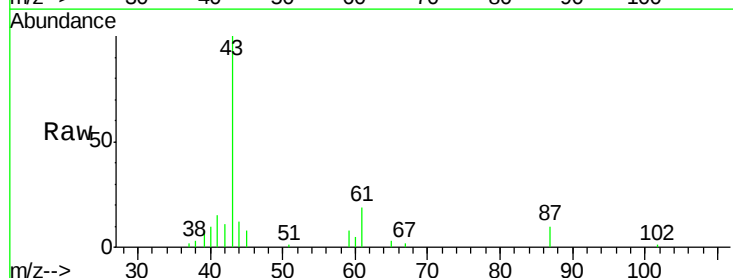
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-022219-A

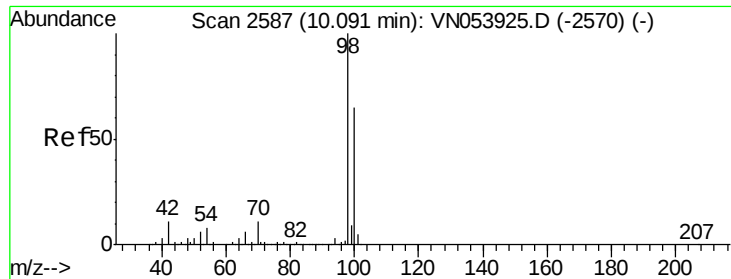
Tot Ion:113 Resp: 395712
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.1 121.7
 192 21.2 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.472 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053937.D
 Acq: 25 Feb 2019 18:43

Tgt Ion: 43 Resp: 33653
 Ion Ratio Lower Upper
 43 100
 61 16.3 17.4 26.0#
 87 9.7 11.5 17.3#





#50

Toluene-d8

Concen: 52.090 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053937.D

Acq: 25 Feb 2019 18:43

Instrument :

MSVOA_N

ClientSampleId :

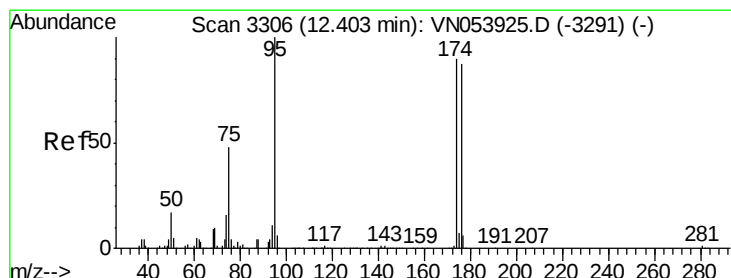
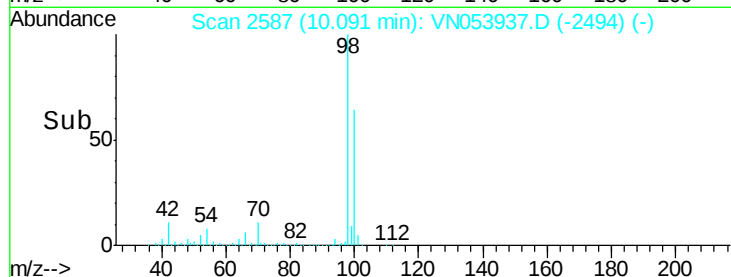
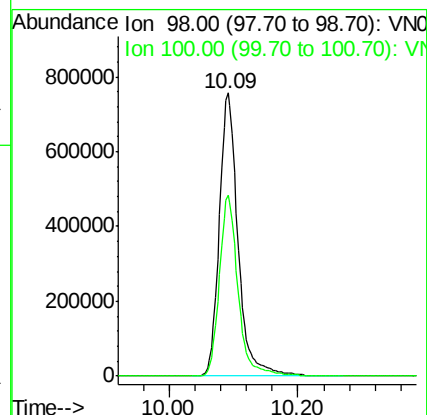
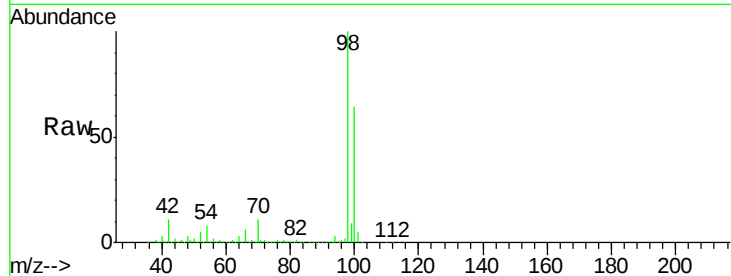
SU-02-022219-A

Tot Ion: 98 Resp: 1522546

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.781 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053937.D

Acq: 25 Feb 2019 18:43

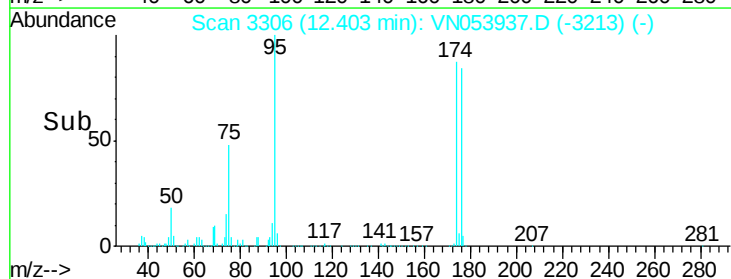
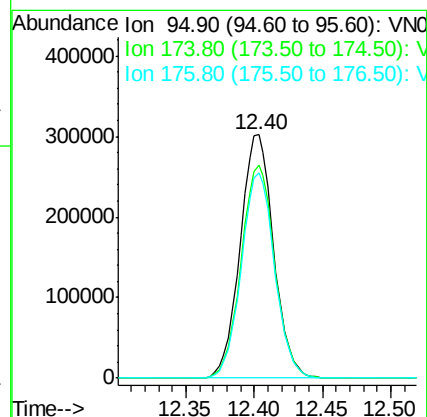
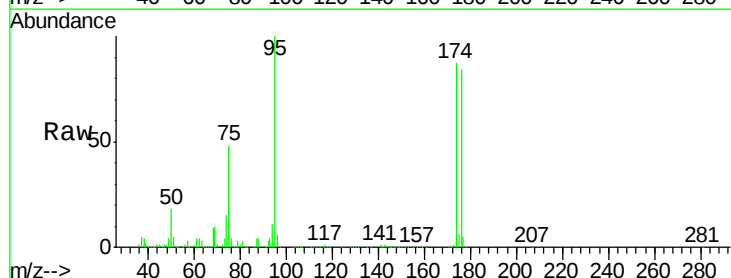
Tgt Ion: 95 Resp: 513992

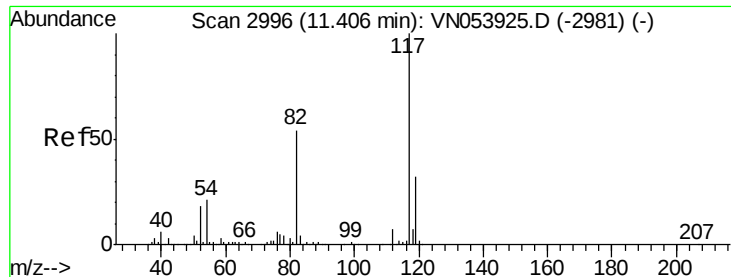
Ion Ratio Lower Upper

95 100

174 87.8 0.0 188.8

176 84.1 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053937.D

Acq: 25 Feb 2019 18:43

Instrument :

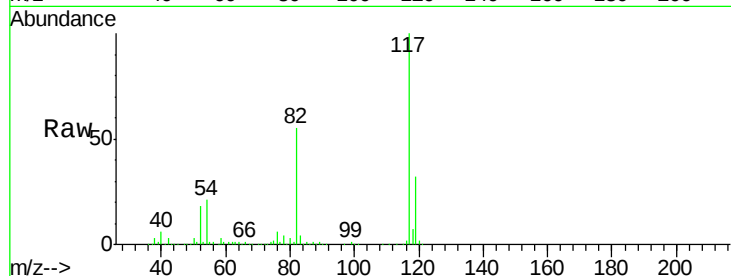
MSVOA_N

ClientSampleId :

SU-02-022219-A

Tot Ion:117 Resp: 1170707

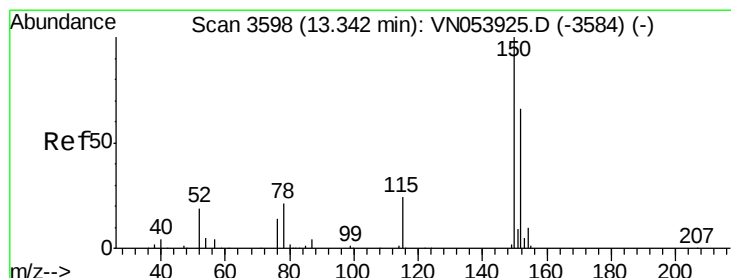
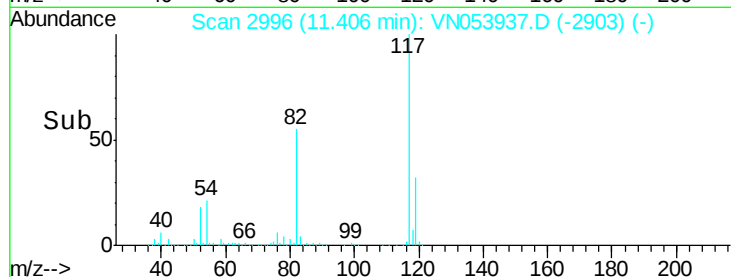
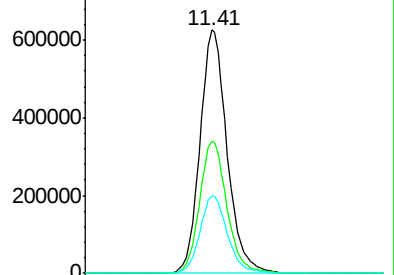
Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.4	62.2
119	31.9	25.3	37.9



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: 13.35 min Scan# 3599

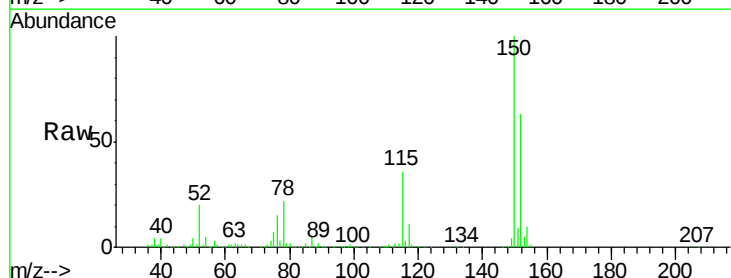
Delta R.T. 0.00 min

Lab File: VN053937.D

Acq: 25 Feb 2019 18:43

Tgt Ion:152 Resp: 441707

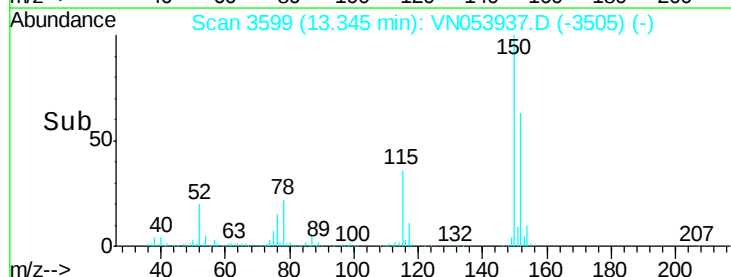
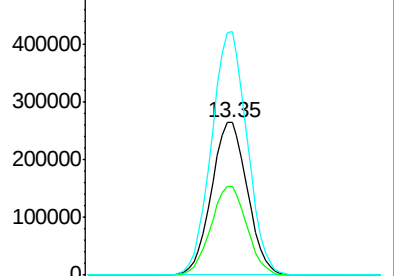
Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.2	81.6
150	158.7	0.0	348.2

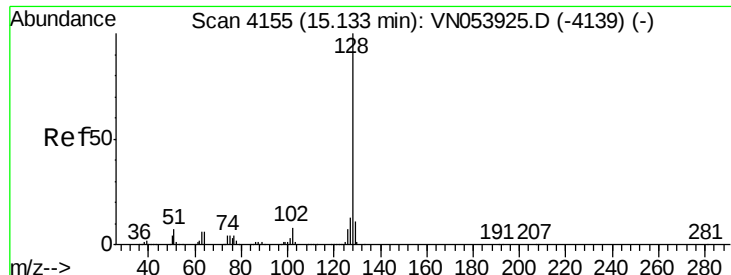


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.845 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053937.D

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SU-02-022219-A

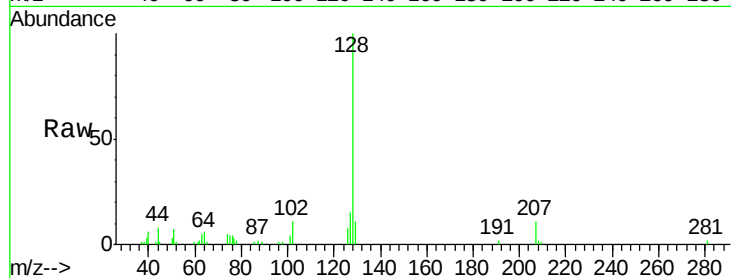
Tot Ion:128 Resp: 30520

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.2 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

