

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049974.D
 Acq On : 20 Jul 2018 20:15
 Operator : MD\SY
 Sample : J4054-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 161-TP-1

Quant Time: Jul 21 03:09:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	558636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	953094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295396	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	412998	53.79	ug/l	0.00
Spiked Amount						
			Recovery	=	107.58%	
35) Dibromofluoromethane	7.59	113	359398	44.92	ug/l	0.00
Spiked Amount						
			Recovery	=	89.84%	
50) Toluene-d8	10.09	98	1266894	43.46	ug/l	0.00
Spiked Amount						
			Recovery	=	86.92%	
62) 4-Bromofluorobenzene	12.40	95	347102	34.57	ug/l	0.00
Spiked Amount						
			Recovery	=	69.14%	

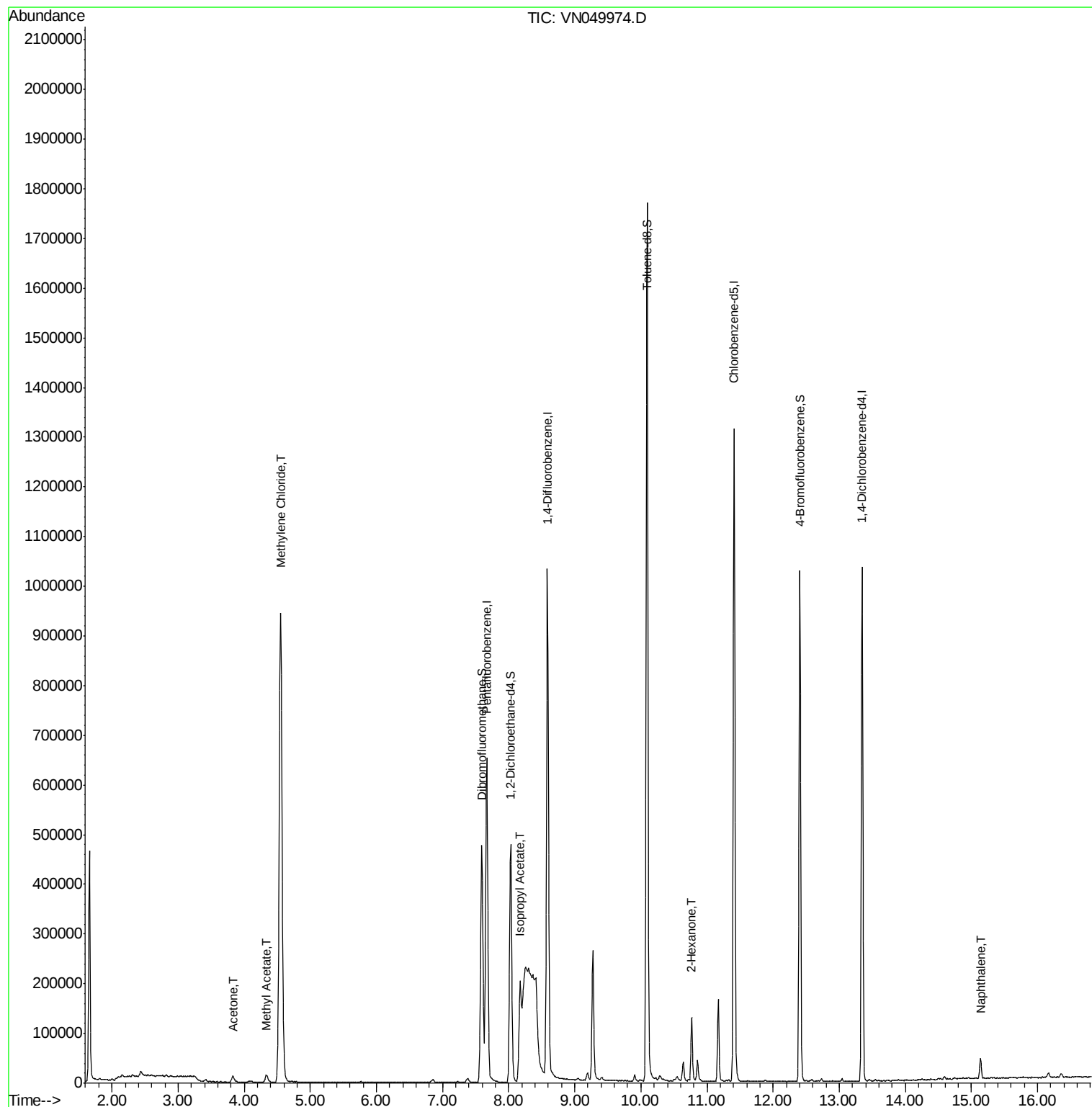
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21538	10.83	ug/l	98
18) Methyl Acetate	4.33	43	26692	3.51	ug/l	99
20) Methylene Chloride	4.55	84	734645	97.18	ug/l	99
43) Isopropyl Acetate	8.17	43	242631	19.08	ug/l	97
59) 2-Hexanone	10.77	43	16763	3.51	ug/l #	56
95) Naphthalene	15.14	128	36017	6.83	ug/l	98

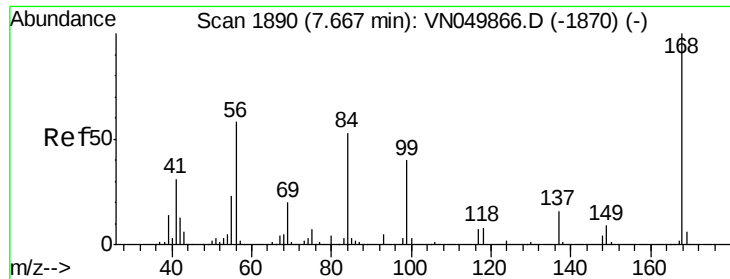
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072018\
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049974.D

Acq: 20 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampled :

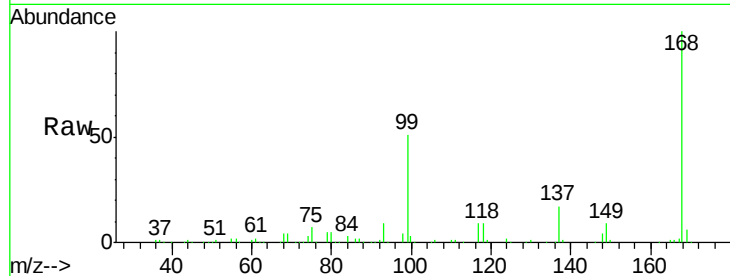
161-TP-1

Tot Ion:168 Resp: 558636

Ion Ratio Lower Upper

168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

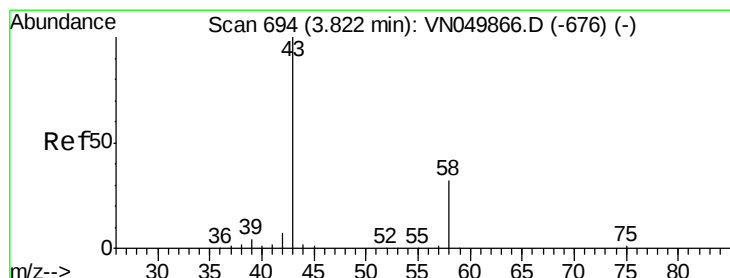
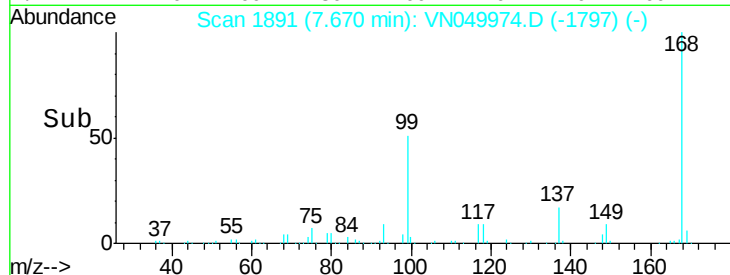
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 10.83 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049974.D

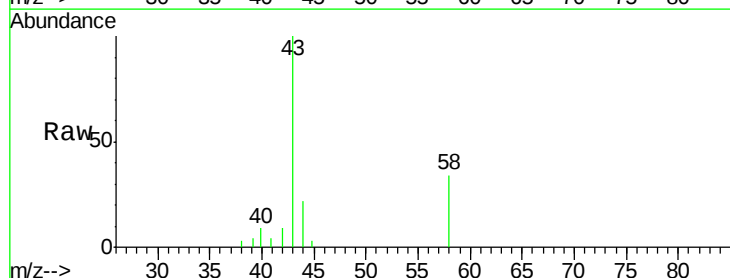
Acq: 20 Jul 2018 20:15

Tgt Ion: 43 Resp: 21538

Ion Ratio Lower Upper

43 100

58 33.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

8000

6000

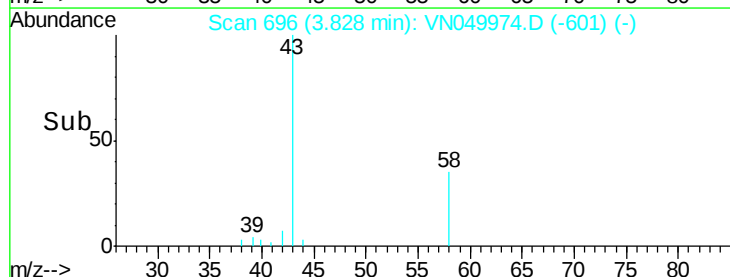
4000

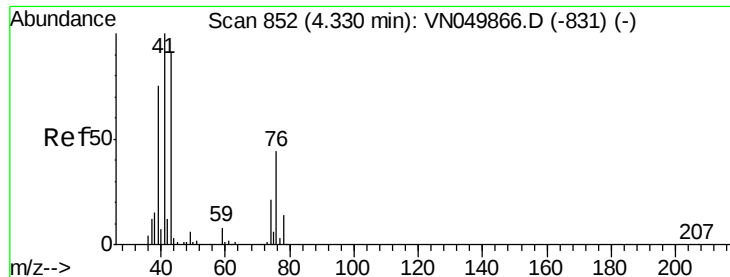
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

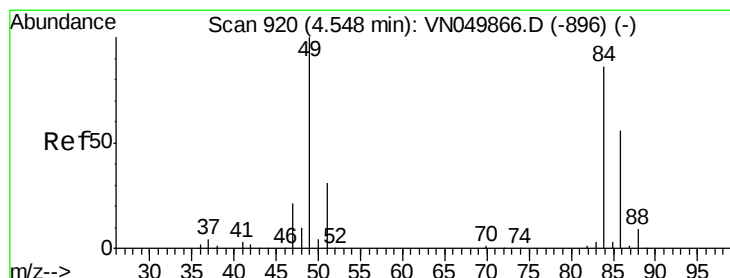
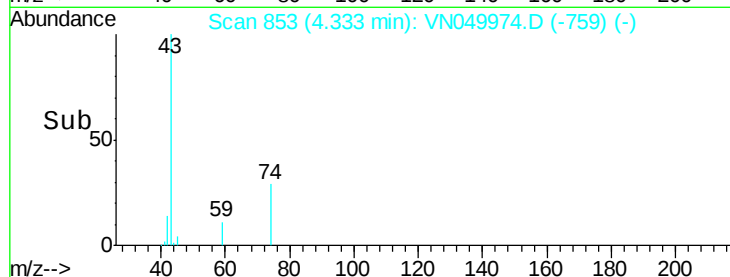
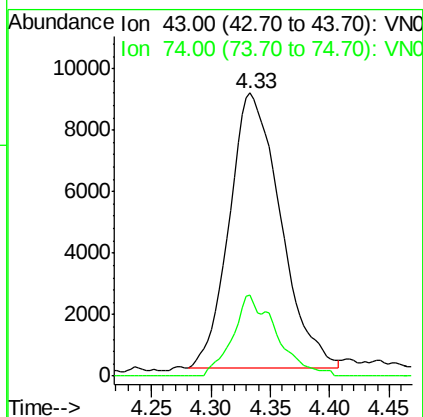
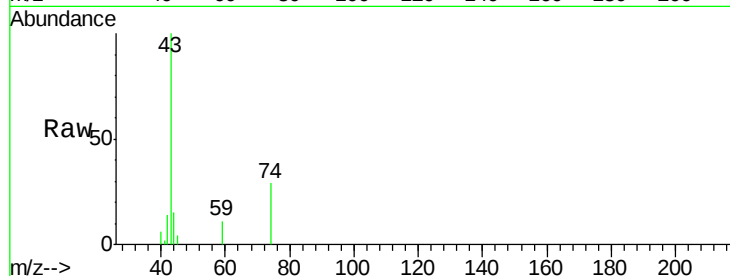




#18
Methvl Acetate
Concen: 3.51 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049974.D
Acq: 20 Jul 2018 20:15

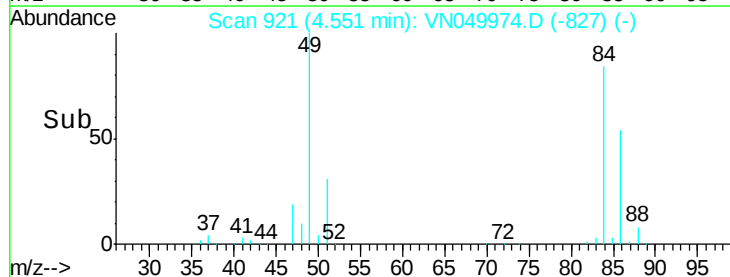
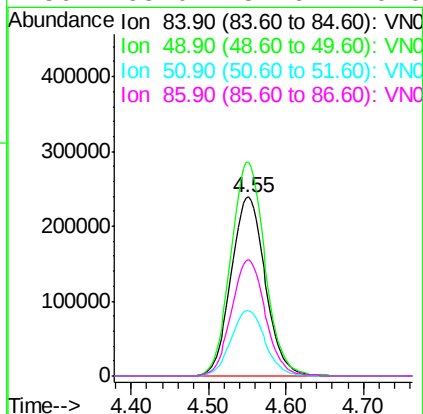
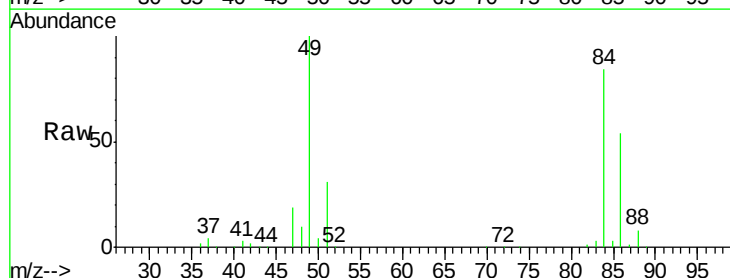
Instrument :
MSVOA_N
ClientSampled :
161-TP-1

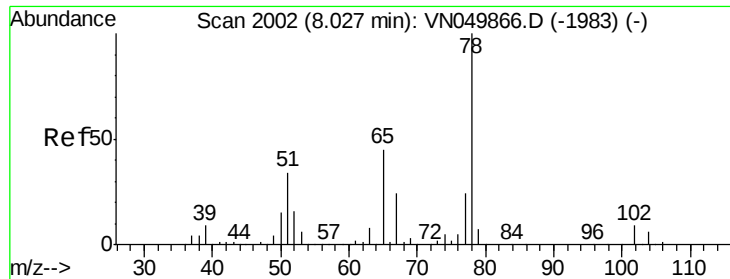
Tot Ion: 43 Resp: 26692
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.8



#20
Methylene Chloride
Concen: 97.18 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049974.D
Acq: 20 Jul 2018 20:15

Tgt Ion: 84 Resp: 734645
Ion Ratio Lower Upper
84 100
49 119.3 95.4 143.2
51 36.8 28.4 42.6
86 65.0 52.6 79.0

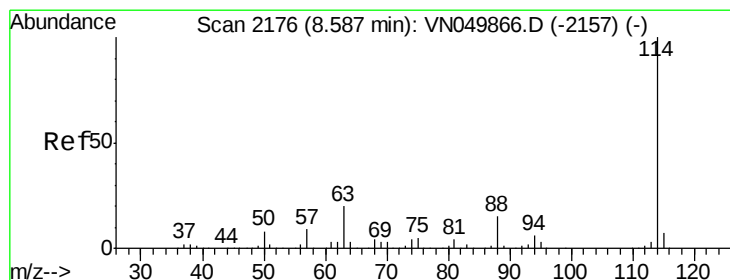
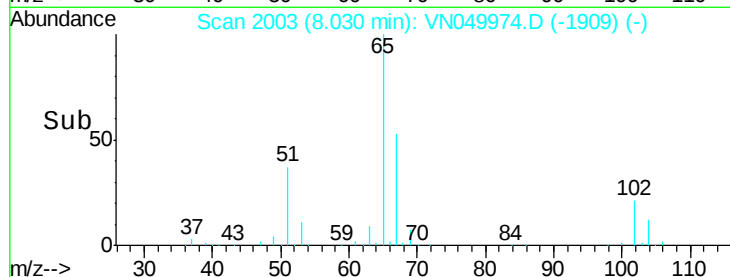
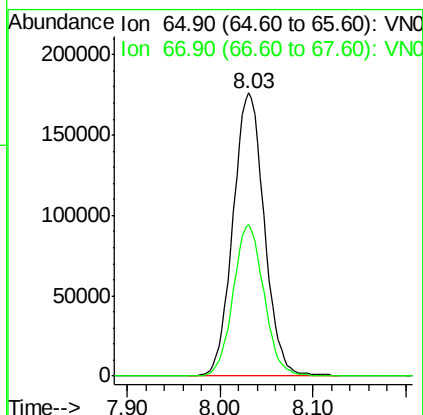
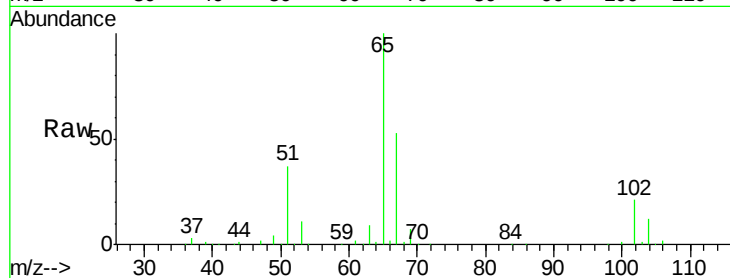




#33
 1,2-Dichloroethane-d4
 Concen: 53.79 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049974.D
 Acq: 20 Jul 2018 20:15

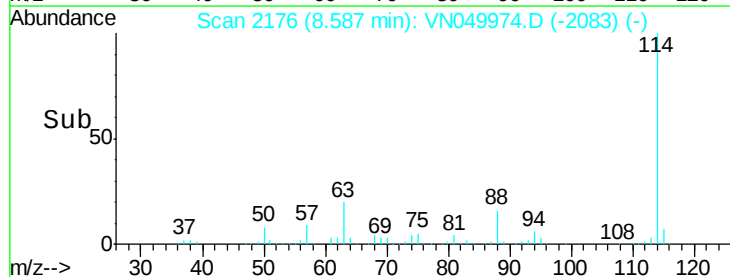
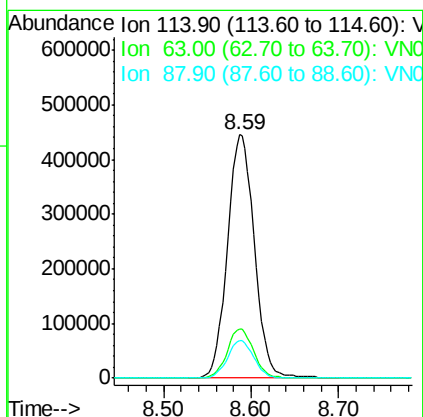
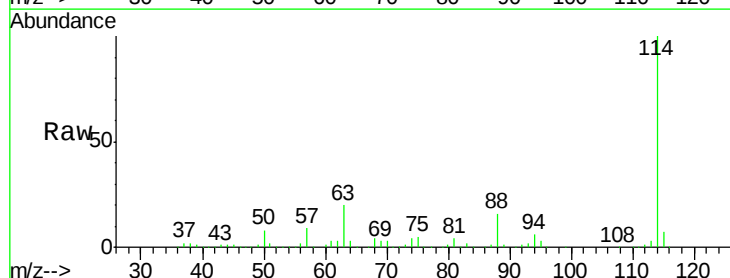
Instrument :
 MSVOA_N
 ClientSampleId :
 161-TP-1

Tot Ion: 65 Resp: 412998
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049974.D
 Acq: 20 Jul 2018 20:15

Tgt Ion: 114 Resp: 953094
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.5 0.0 30.6

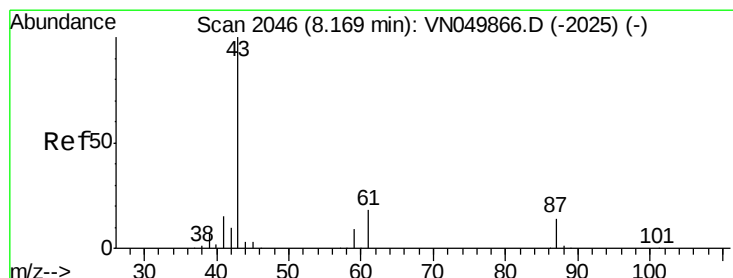
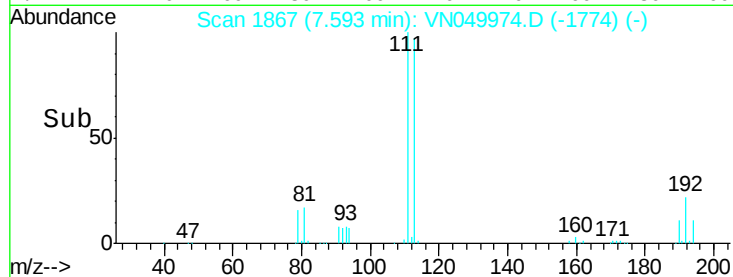
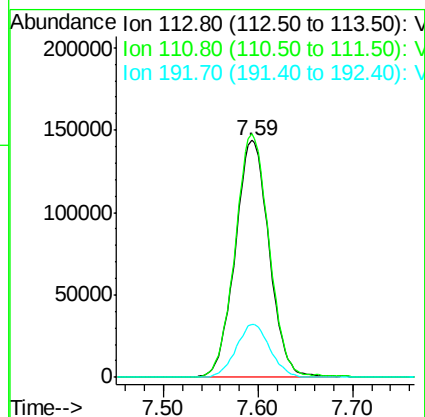
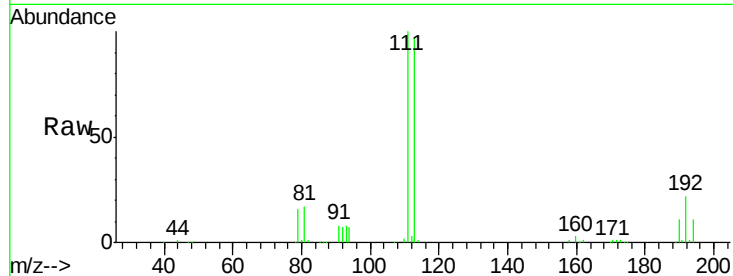




#35
 Dibromofluoromethane
 Concen: 44.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049974.D
 Acq: 20 Jul 2018 20:15

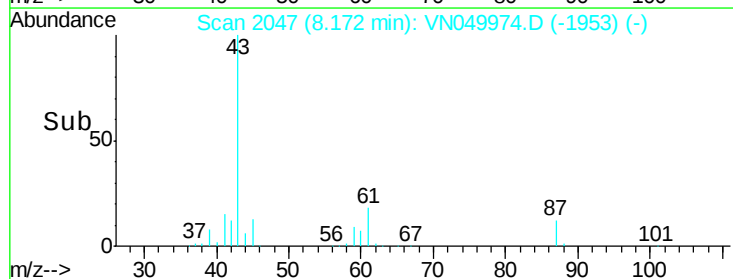
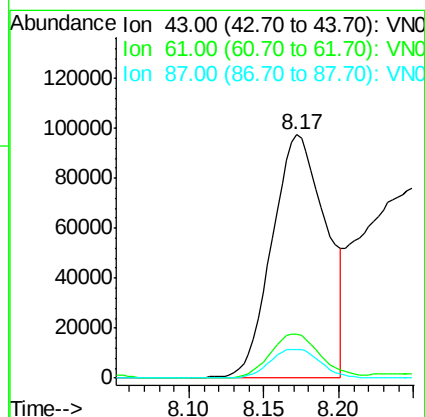
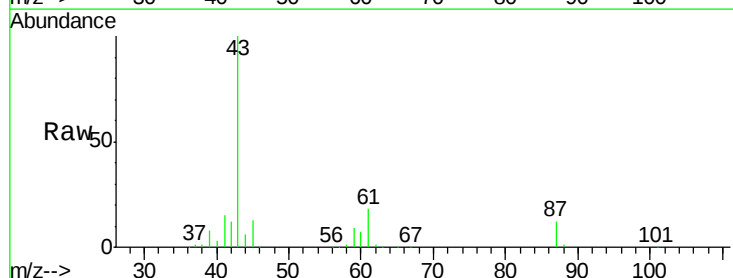
Instrument :
 MSVOA_N
 ClientSampleId :
 161-TP-1

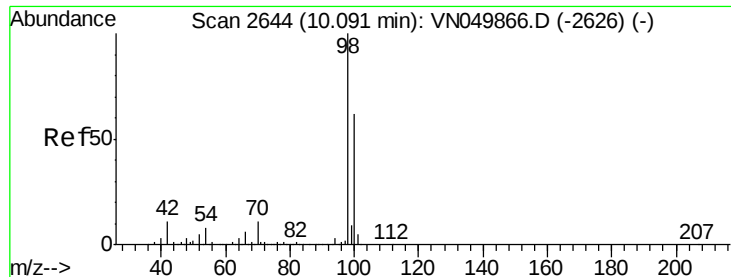
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	22.3	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 19.08 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049974.D
 Acq: 20 Jul 2018 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.9	22.3
87	11.3	10.0	15.0

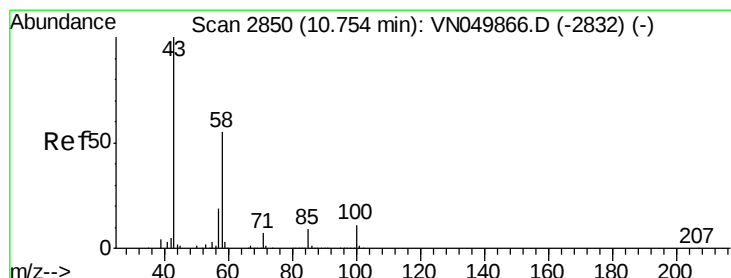
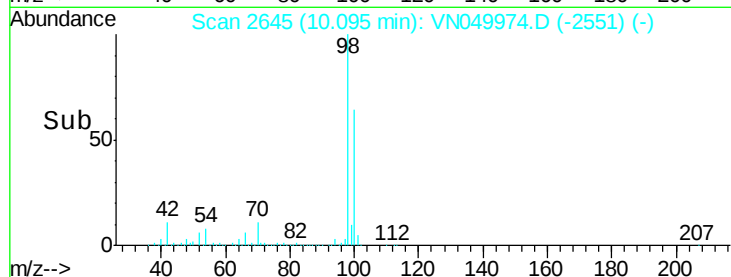
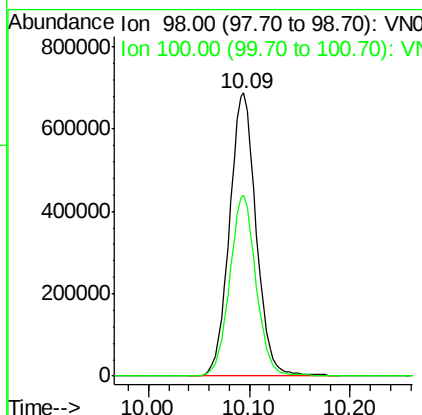
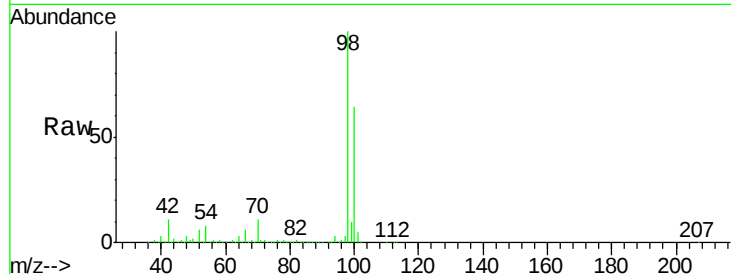




#50
Toluene-d8
Concen: 43.46 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049974.D
Acq: 20 Jul 2018 20:15

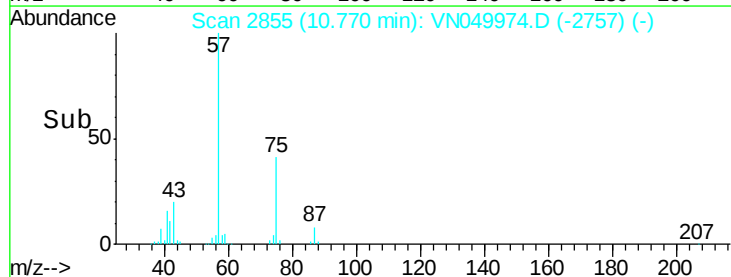
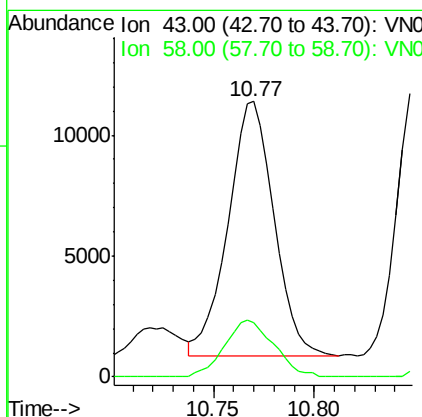
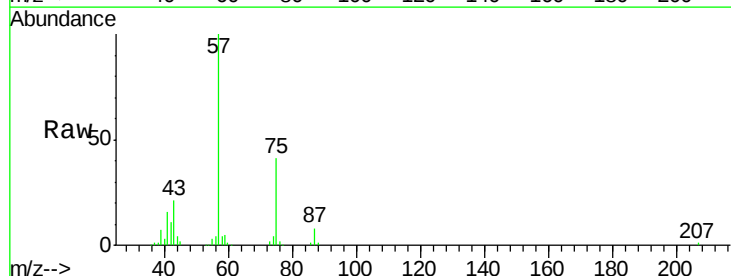
Instrument :
MSVOA_N
ClientSampleId :
161-TP-1

Tot Ion: 98 Resp: 1266894
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#59
2-Hexanone
Concen: 3.51 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN049974.D
Acq: 20 Jul 2018 20:15

Tgt Ion: 43 Resp: 16763
Ion Ratio Lower Upper
43 100
58 23.9 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049974.D

Acq: 20 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampled :

161-TP-1

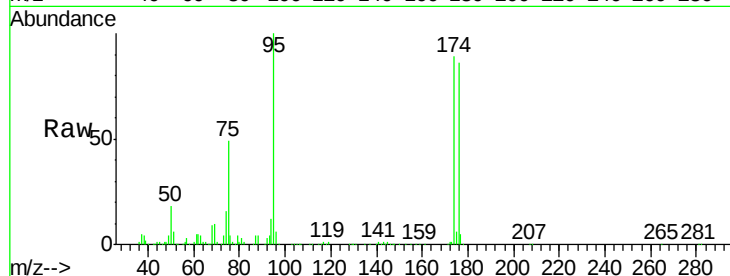
Tot Ion: 95 Resp: 347102

Ion Ratio Lower Upper

95 100

174 91.5 0.0 179.6

176 87.0 0.0 174.0

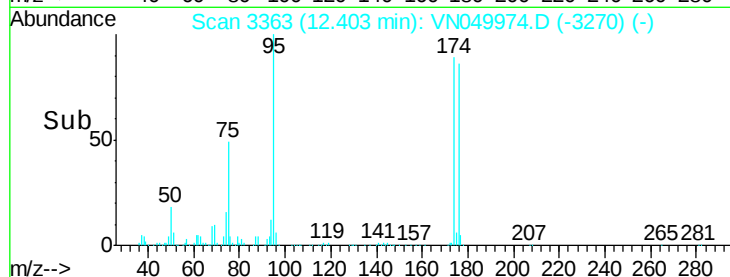


Abundance Ion 94.90 (94.60 to 95.60): VN049974.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049974.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049974.D (-3270) (-)

Time-->



250000

200000

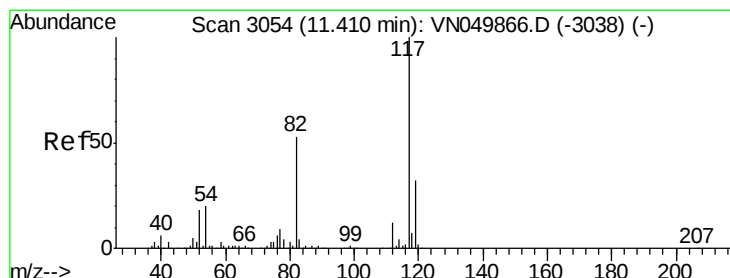
150000

100000

50000

0

12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049974.D

Acq: 20 Jul 2018 20:15

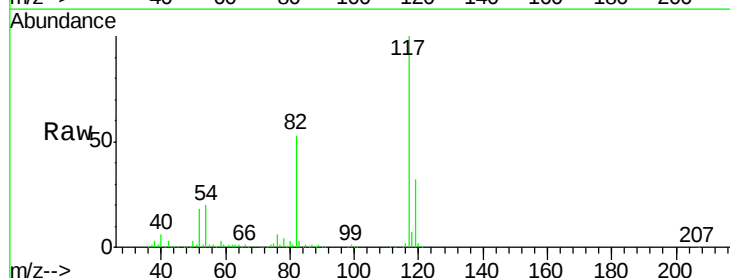
Tgt Ion: 117 Resp: 800687

Ion Ratio Lower Upper

117 100

82 53.4 41.9 62.9

119 32.5 25.4 38.2

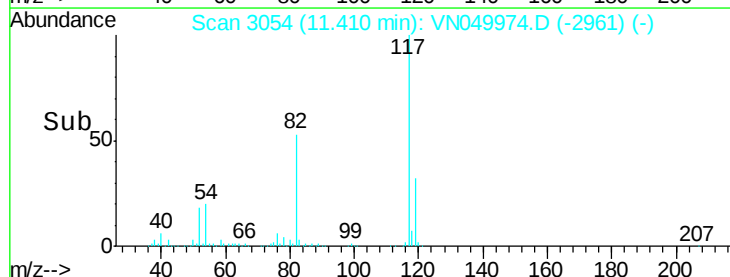


Abundance Ion 116.90 (116.60 to 117.60): VN049974.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049974.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049974.D (-2961) (-)

Time-->



600000

500000

400000

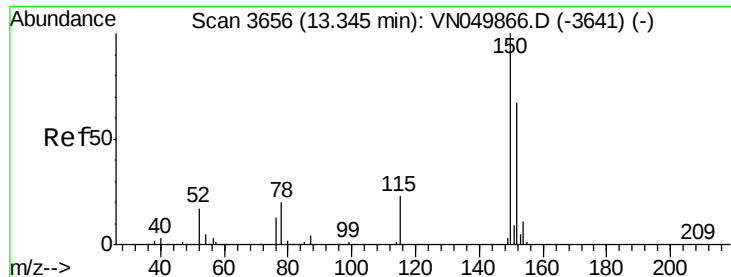
300000

200000

100000

0

11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049974.D

Acq: 20 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

161-TP-1

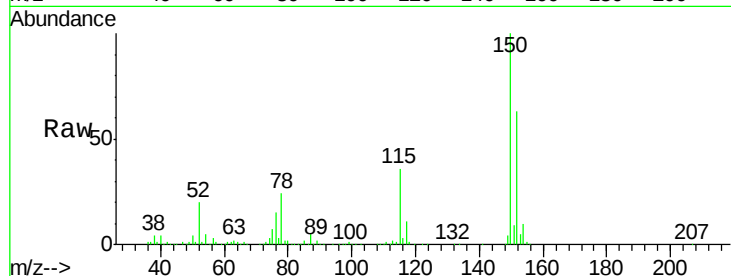
Tot Ion:152 Resp: 295396

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

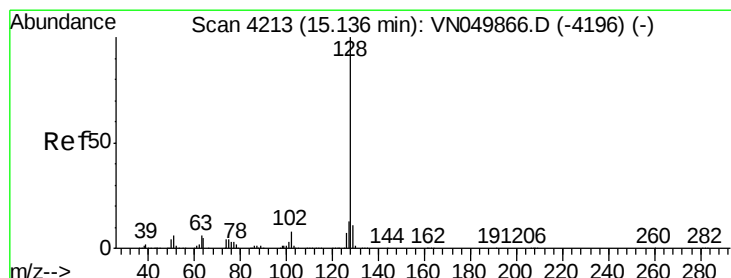
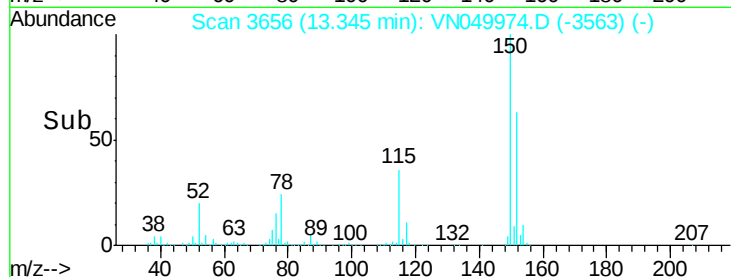
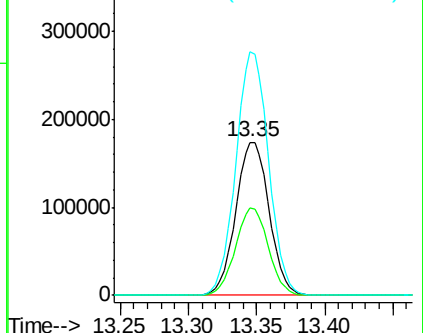
150 156.1 0.0 347.6



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: 6.83 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049974.D

Acq: 20 Jul 2018 20:15

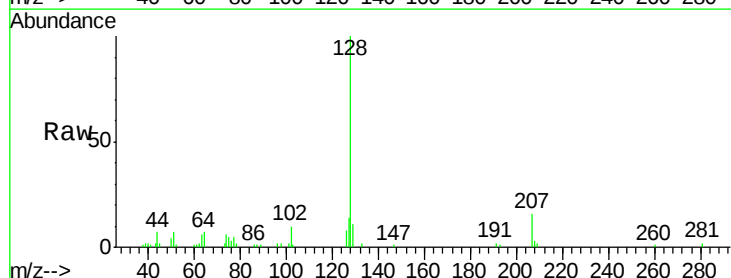
Tgt Ion:128 Resp: 36017

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 10.5 8.6 13.0



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

