

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050969.D
 Acq On : 30 Aug 2018 17:55
 Operator : MD\SY
 Sample : J4282-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-082918-B

Quant Time: Aug 31 05:42:55 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	557374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	938863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	784985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305095	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	373189	55.62	ug/l	0.00
Spiked Amount			Recovery	=	111.24%	
35) Dibromofluoromethane	7.59	113	357175	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
50) Toluene-d8	10.09	98	1253296	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	349590	37.67	ug/l	0.00
Spiked Amount			Recovery	=	75.34%	

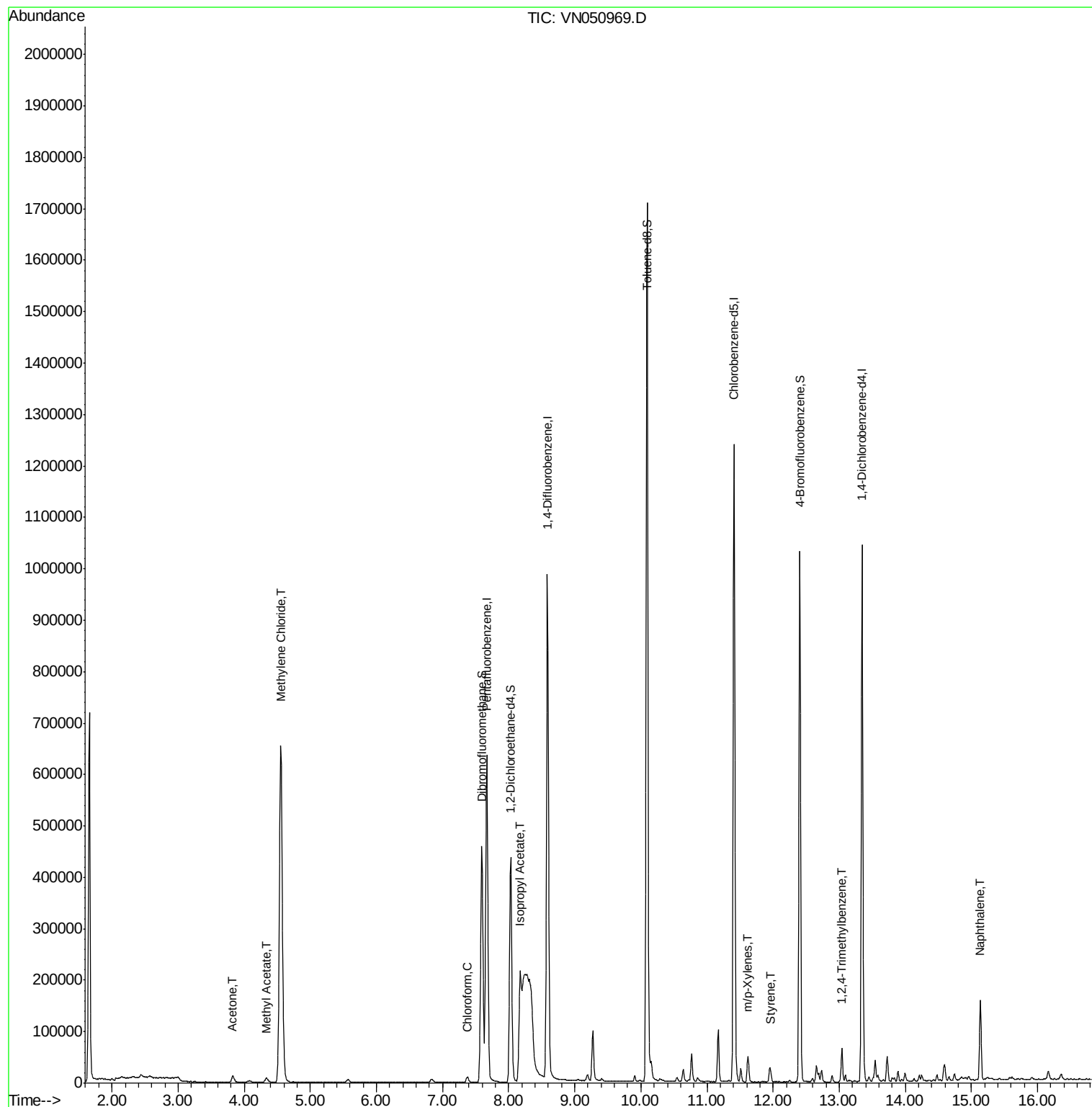
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22063	7.02	ug/l	94
18) Methyl Acetate	4.33	43	17616	2.78	ug/l	98
20) Methylene Chloride	4.55	84	531974	70.34	ug/l	98
30) Chloroform	7.38	83	12451	1.01	ug/l	95
43) Isopropyl Acetate	8.17	43	285480	26.09	ug/l #	84
68) m/p-Xylenes	11.62	106	16175	1.28	ug/l	98
70) Styrene	11.97	104	6104	1.55	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	36089	1.76	ug/l	99
95) Naphthalene	15.13	128	136055	15.36	ug/l	99

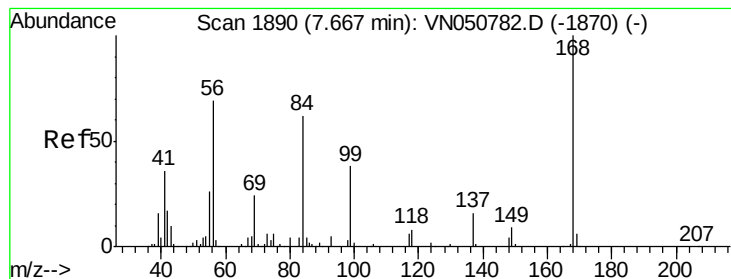
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050969.D

Acq: 30 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

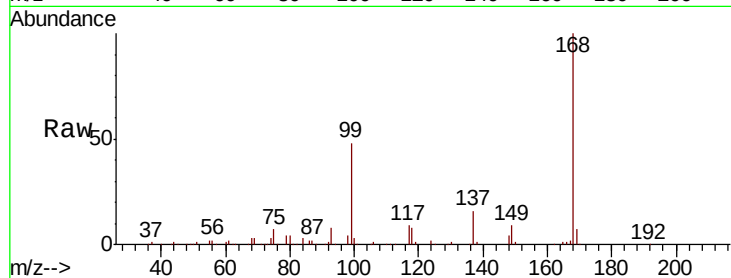
SU-01-082918-B

Tot Ion:168 Resp: 557374

Ion Ratio Lower Upper

168 100

99 48.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

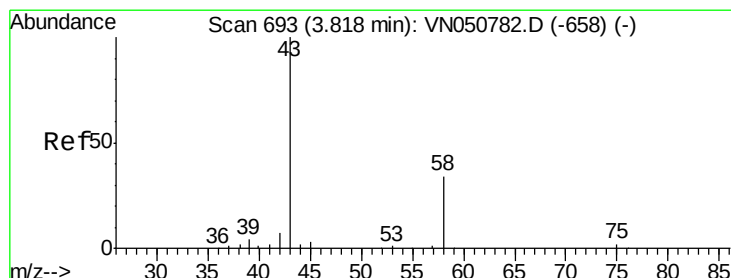
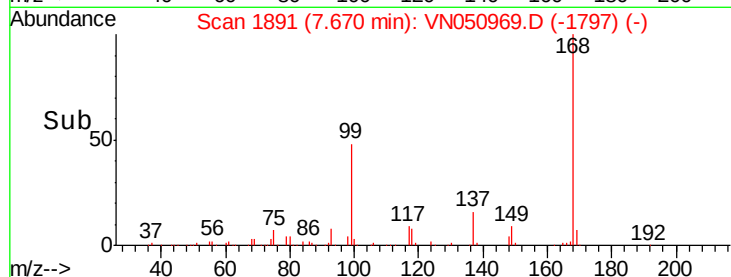
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.02 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050969.D

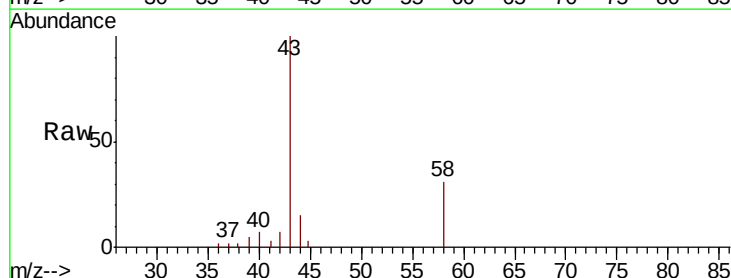
Acq: 30 Aug 2018 17:55

Tgt Ion: 43 Resp: 22063

Ion Ratio Lower Upper

43 100

58 30.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

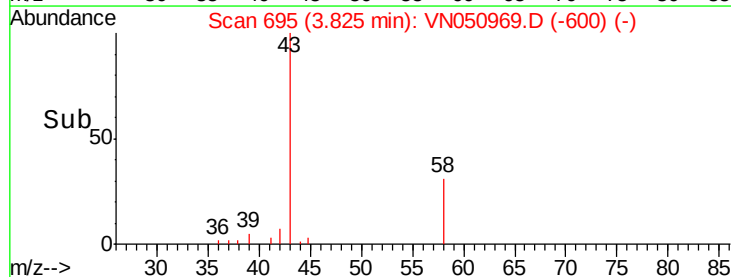
6000

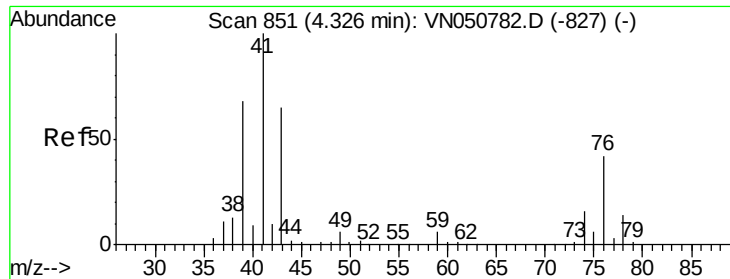
4000

2000

0

Time-->

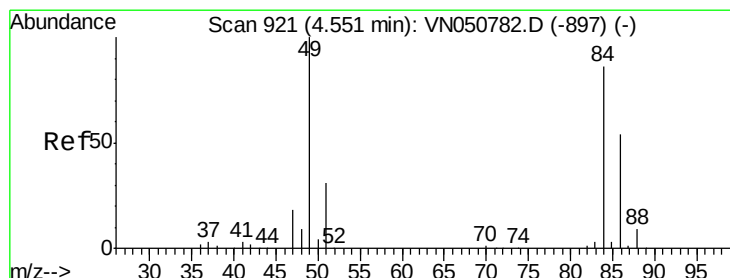
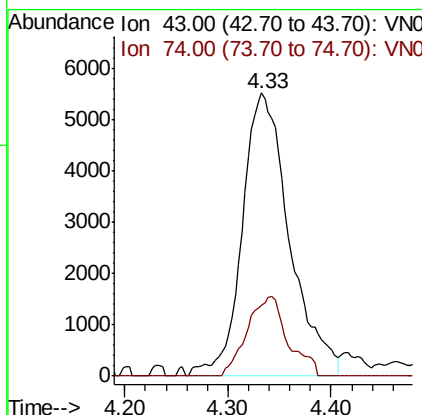
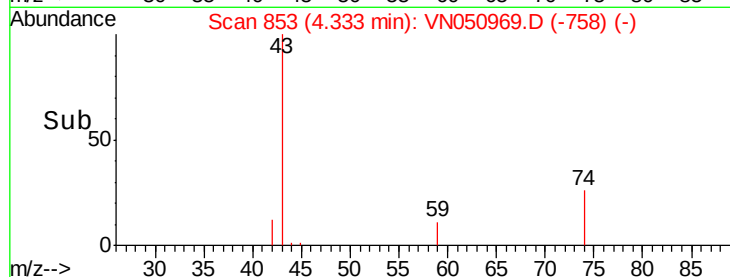
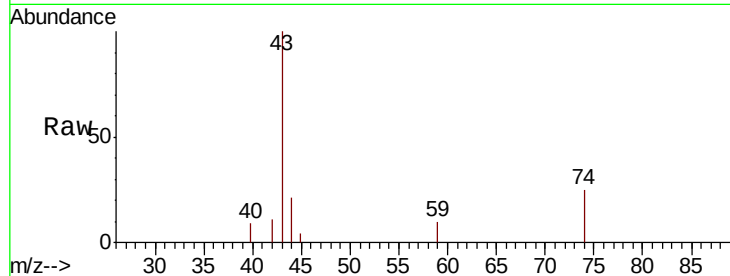




#18
Methyl Acetate
Concen: 2.78 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050969.D
Acq: 30 Aug 2018 17:55

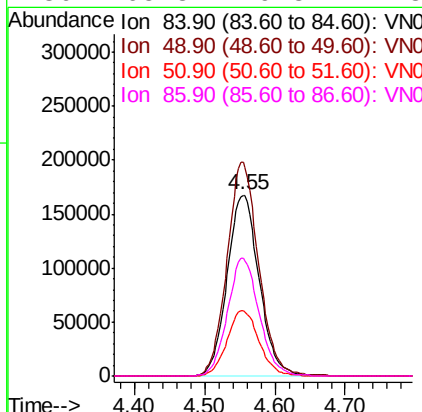
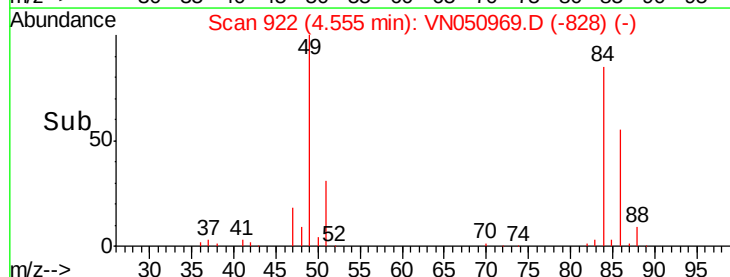
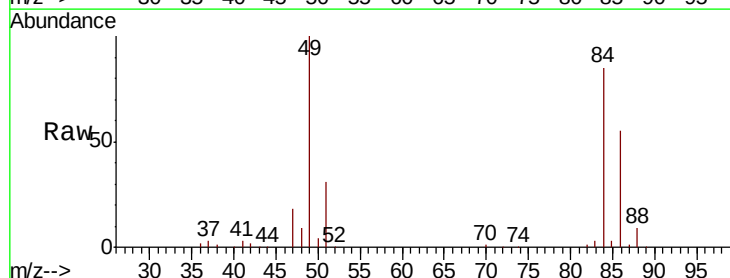
Instrument :
MSVOA_N
ClientSampleId :
SU-01-082918-B

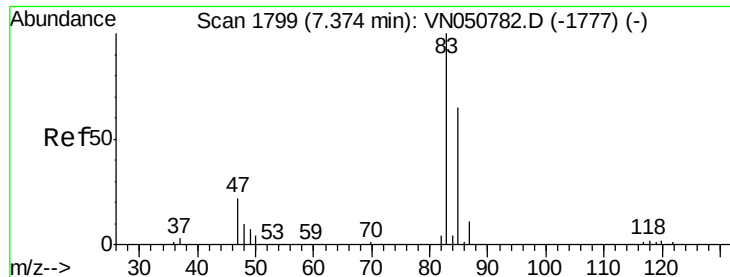
Tot Ion: 43 Resp: 17616
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8



#20
Methylene Chloride
Concen: 70.34 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050969.D
Acq: 30 Aug 2018 17:55

Tgt Ion: 84 Resp: 531974
Ion Ratio Lower Upper
84 100
49 118.1 93.2 139.8
51 36.4 29.0 43.6
86 65.3 49.8 74.8





#30

Chloroform

Concen: 1.01 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050969.D

Acq: 30 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

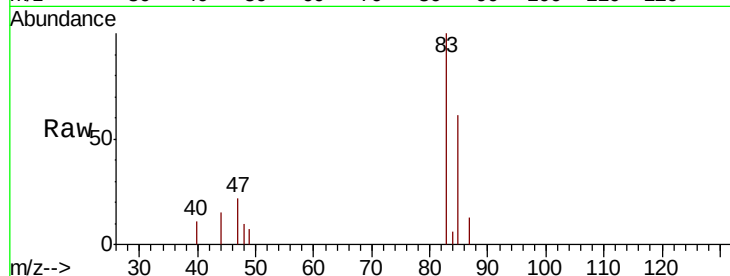
SU-01-082918-B

Tot Ion: 83 Resp: 12451

Ion Ratio Lower Upper

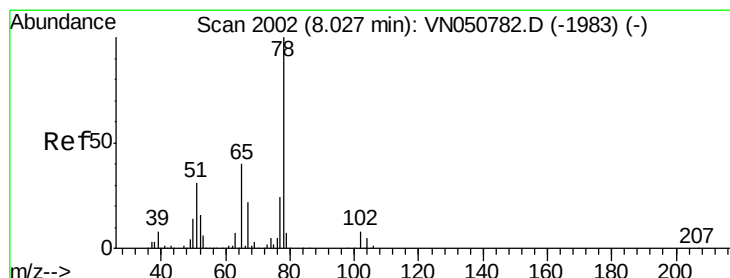
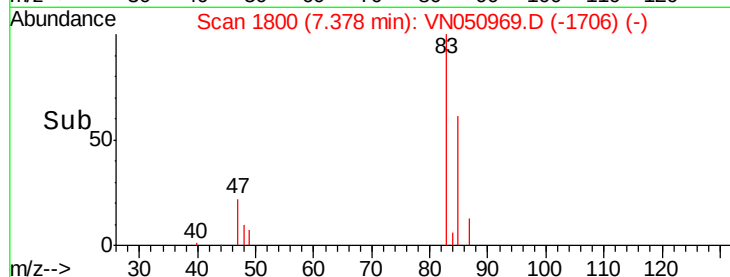
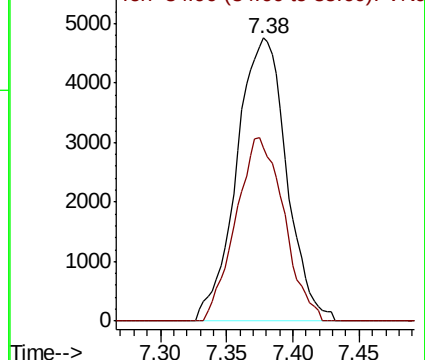
83 100

85 61.1 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.62 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050969.D

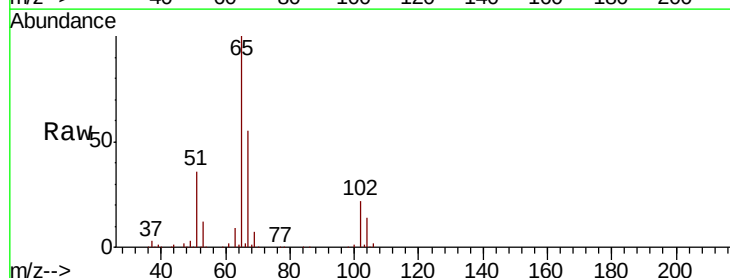
Acq: 30 Aug 2018 17:55

Tgt Ion: 65 Resp: 373189

Ion Ratio Lower Upper

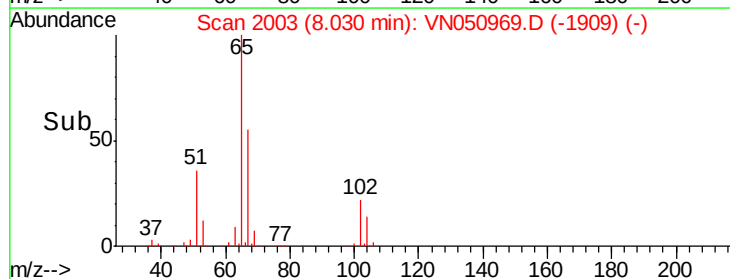
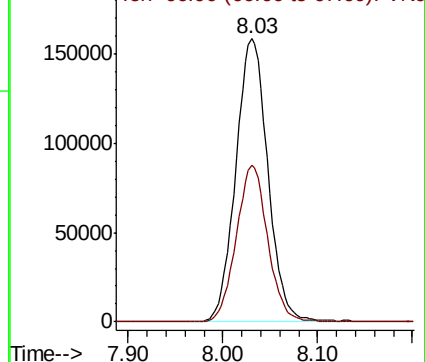
65 100

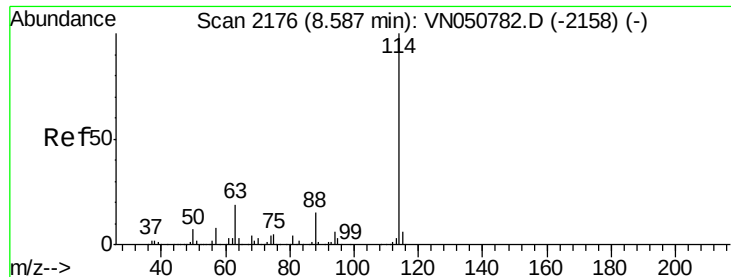
67 54.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

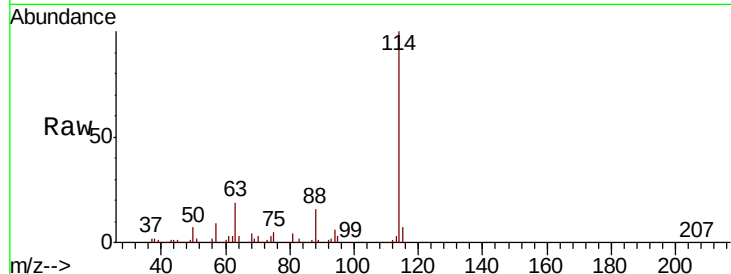




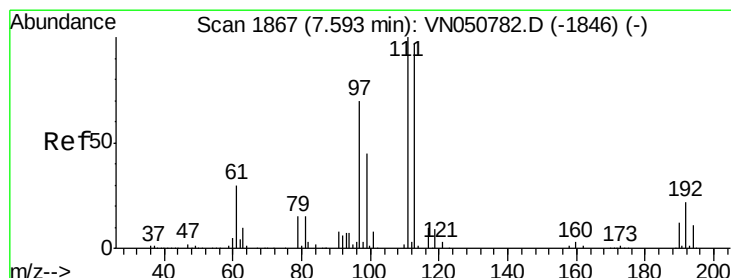
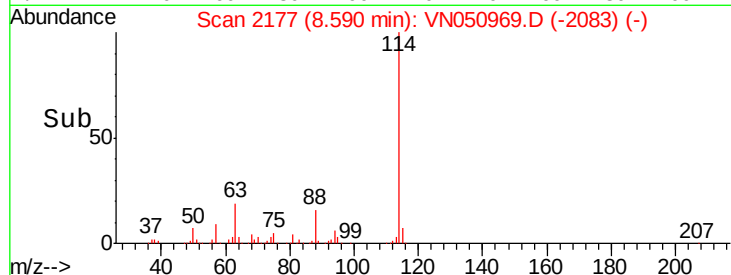
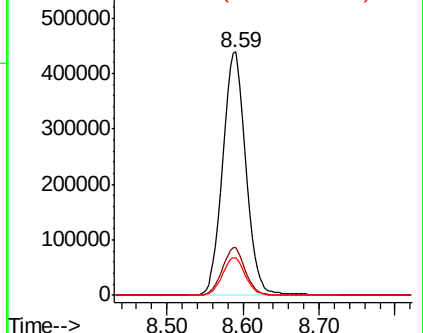
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050969.D
 Acq: 30 Aug 2018 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-082918-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.6	0.0	30.6

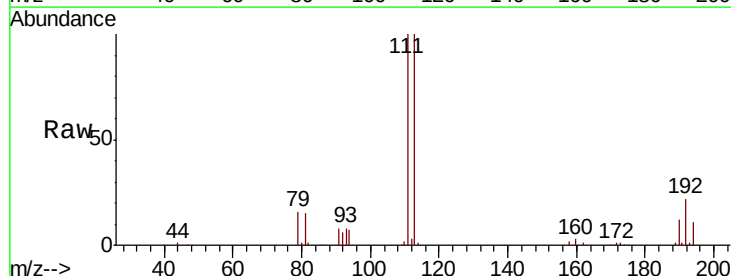


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

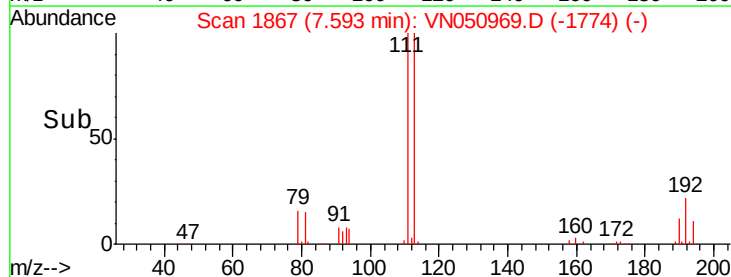
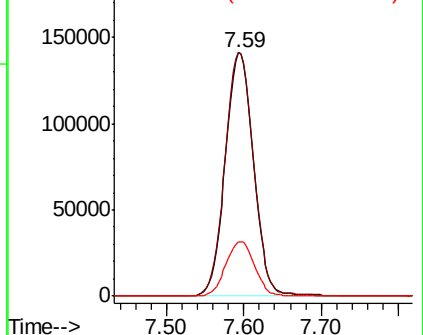


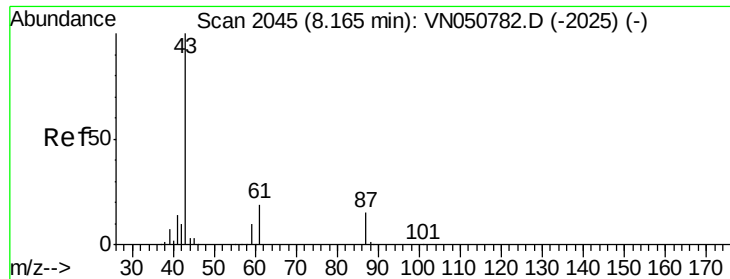
#35
 Dibromofluoromethane
 Concen: 47.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050969.D
 Acq: 30 Aug 2018 17:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	123.8
192	22.8	18.0	27.0



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



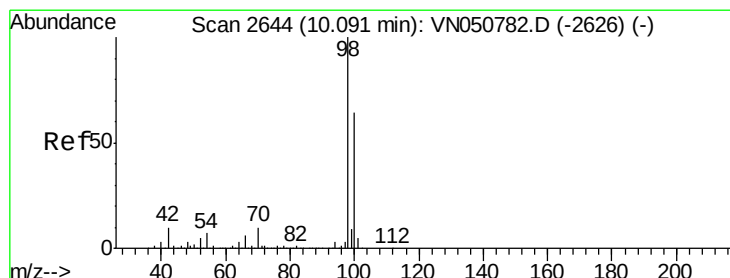
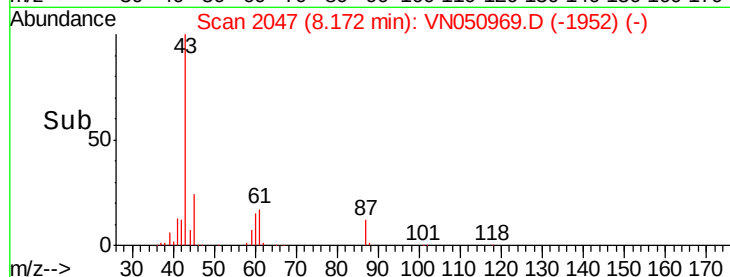
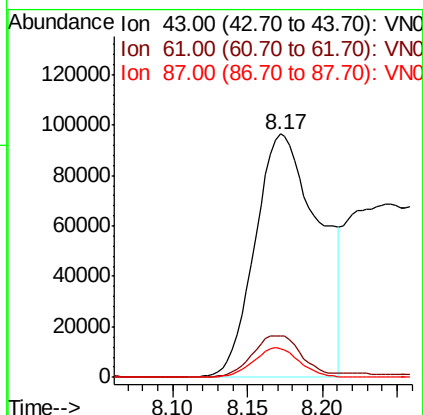
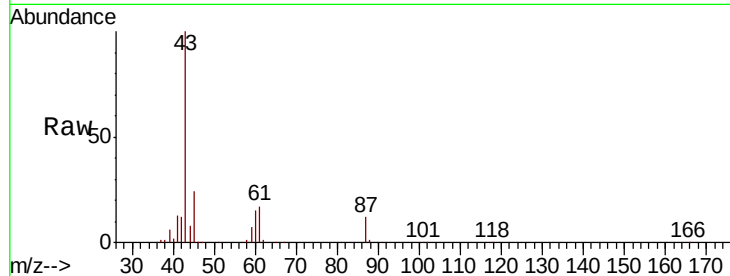


#43

Isopropyl Acetate
 Concen: 26.09 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050969.D
 Acq: 30 Aug 2018 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-082918-B

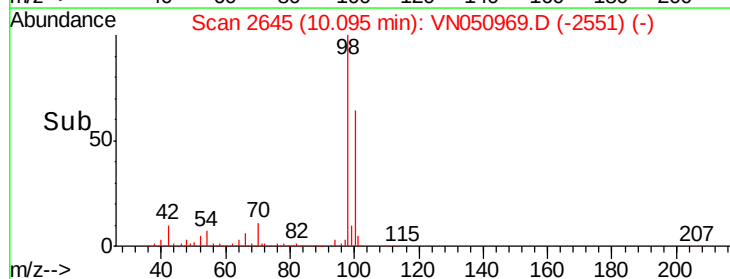
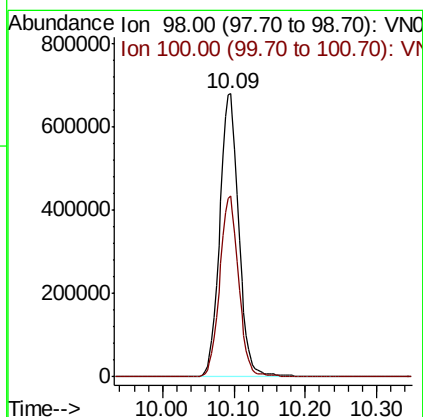
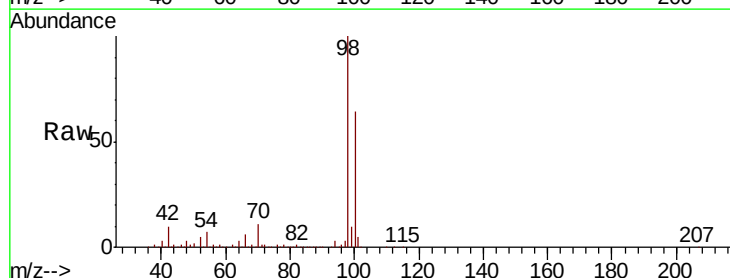
Tot Ion: 43 Resp: 285480
 Ion Ratio Lower Upper
 43 100
 61 13.6 17.5 26.3#
 87 8.8 11.3 16.9#

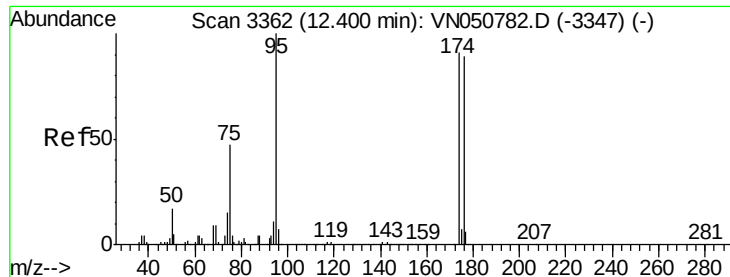


#50

Toluene-d8
 Concen: 44.88 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050969.D
 Acq: 30 Aug 2018 17:55

Tgt Ion: 98 Resp: 1253296
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 37.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050969.D

Acq: 30 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

SU-01-082918-B

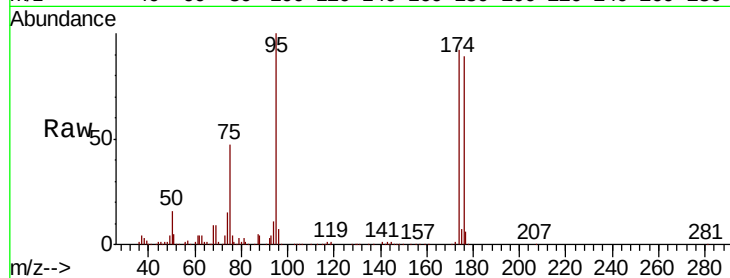
Tot Ion: 95 Resp: 349590

Ion Ratio Lower Upper

95 100

174 93.3 0.0 183.0

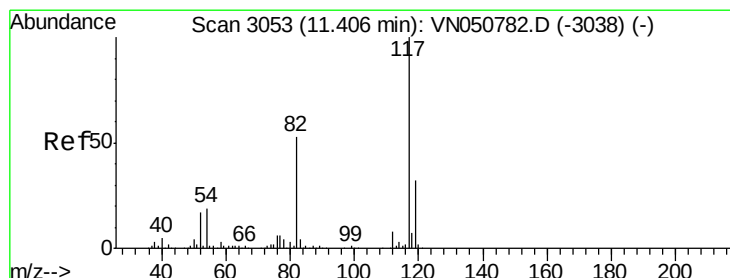
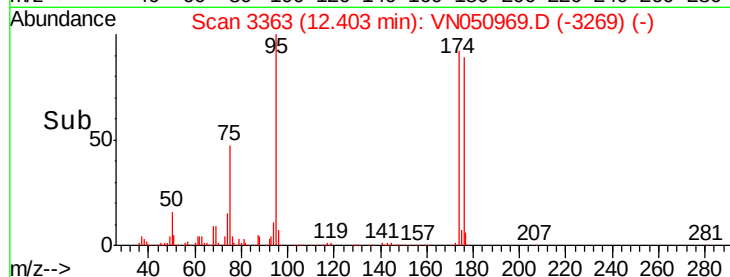
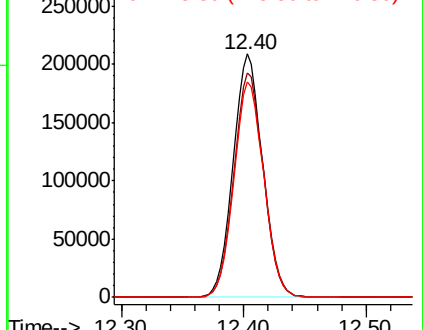
176 89.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050969.D

Acq: 30 Aug 2018 17:55

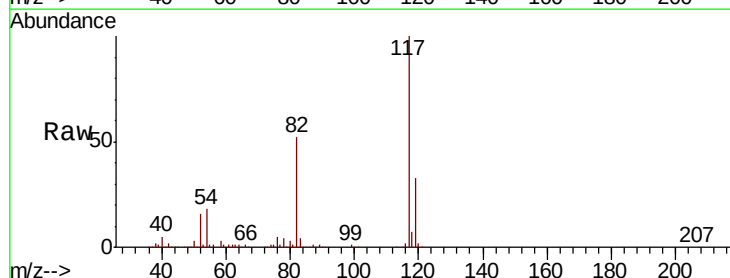
Tgt Ion: 117 Resp: 784985

Ion Ratio Lower Upper

117 100

82 52.3 42.6 64.0

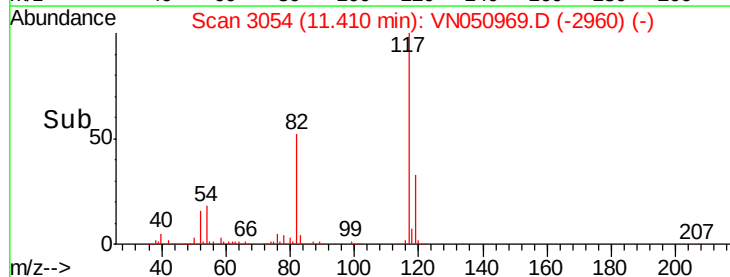
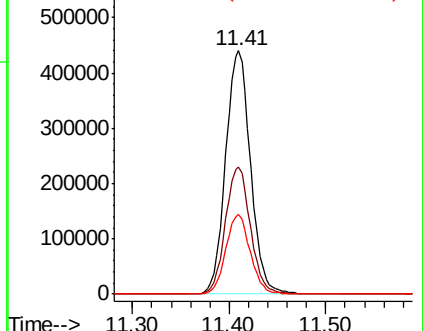
119 32.6 25.8 38.6

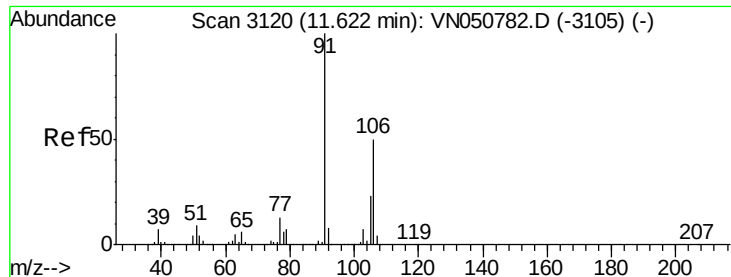


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#68

m/p-Xylenes

Concen: 1.28 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN050969.D

Acq: 30 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

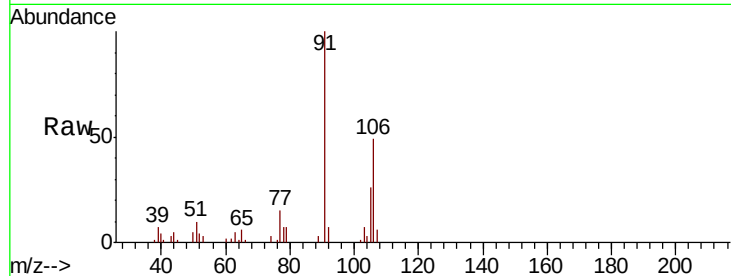
SU-01-082918-B

Tot Ion:106 Resp: 16175

Ion Ratio Lower Upper

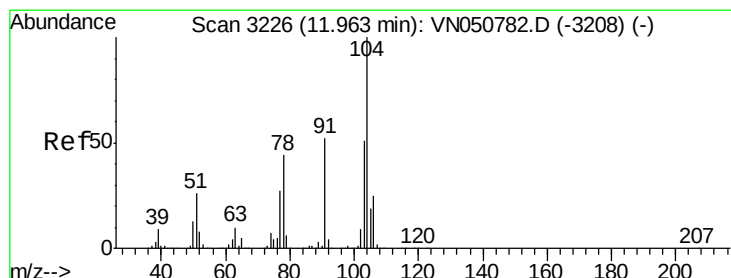
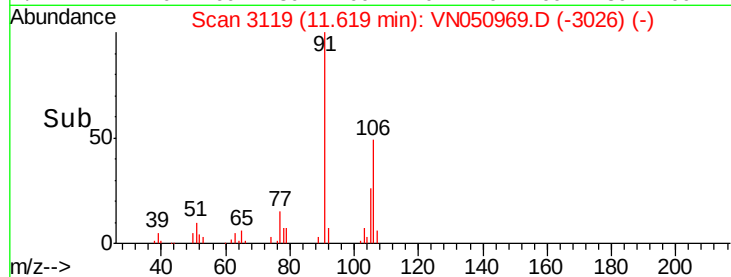
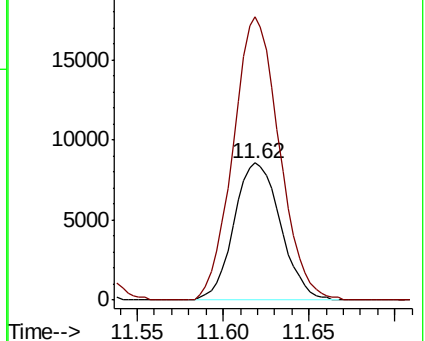
106 100

91 204.8 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 1.55 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050969.D

Acq: 30 Aug 2018 17:55

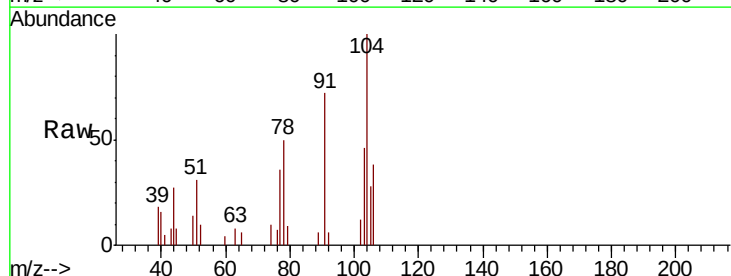
Tgt Ion:104 Resp: 6104

Ion Ratio Lower Upper

104 100

78 56.7 38.2 57.4

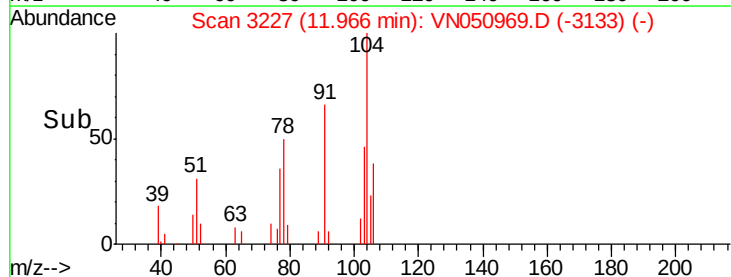
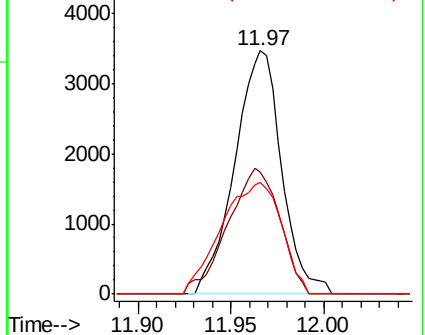
103 58.6 44.4 66.6

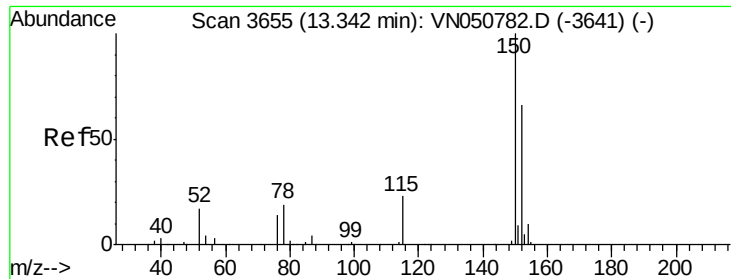


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

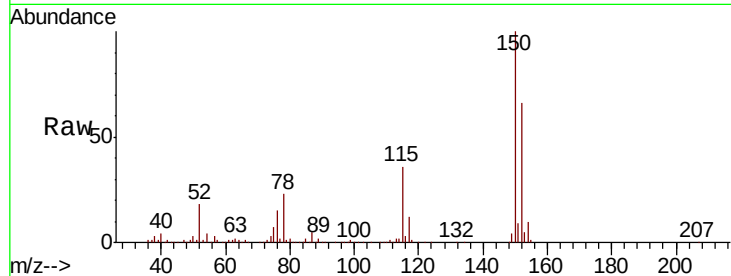




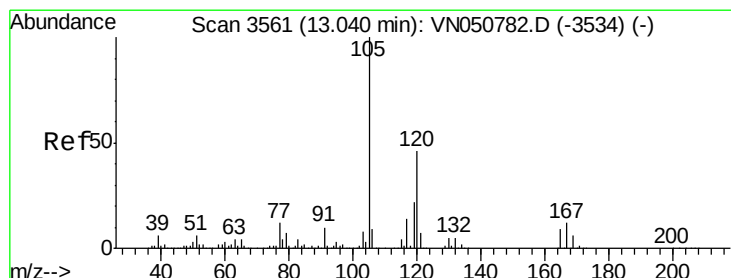
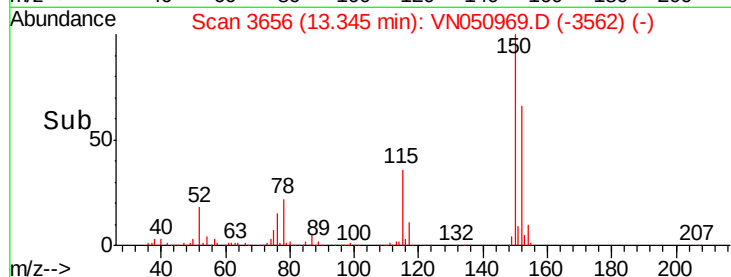
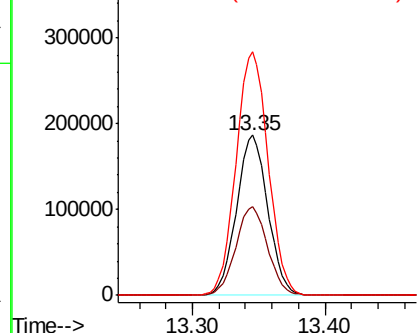
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN050969.D
 Acq: 30 Aug 2018 17:55

Instrument :
 MSVOA_N
 ClientSampled :
 SU-01-082918-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.8	83.4
150	156.2	0.0	351.4

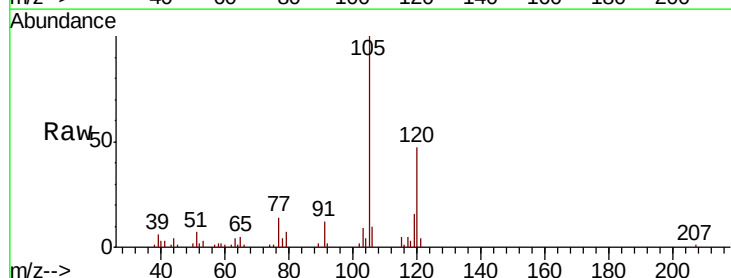


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

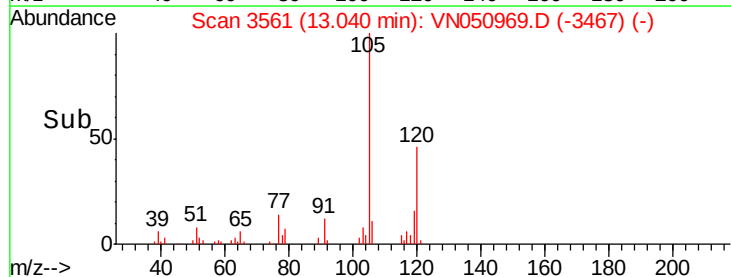
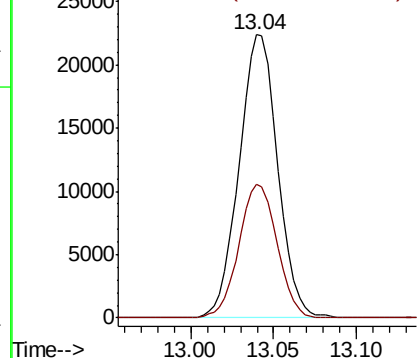


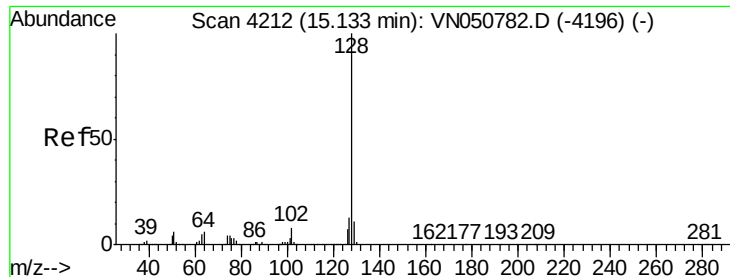
#84
 1,2,4-Trimethylbenzene
 Concen: 1.76 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050969.D
 Acq: 30 Aug 2018 17:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.9	68.8



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





#95
Naphthalene
Concen: 15.36 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050969.D
Acq: 30 Aug 2018 17:55

Instrument :
MSVOA_N
ClientSampleId :
SU-01-082918-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.1	8.7	13.1

