

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052905.D
 Acq On : 14 Dec 2018 22:39
 Operator : MD\SY
 Sample : J6403-44
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-A

Quant Time: Dec 15 03:57:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1419750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2203698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1912391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	774533	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	724987	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
35) Dibromofluoromethane	7.59	113	569746	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	
50) Toluene-d8	10.09	98	2653785	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	849303	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	

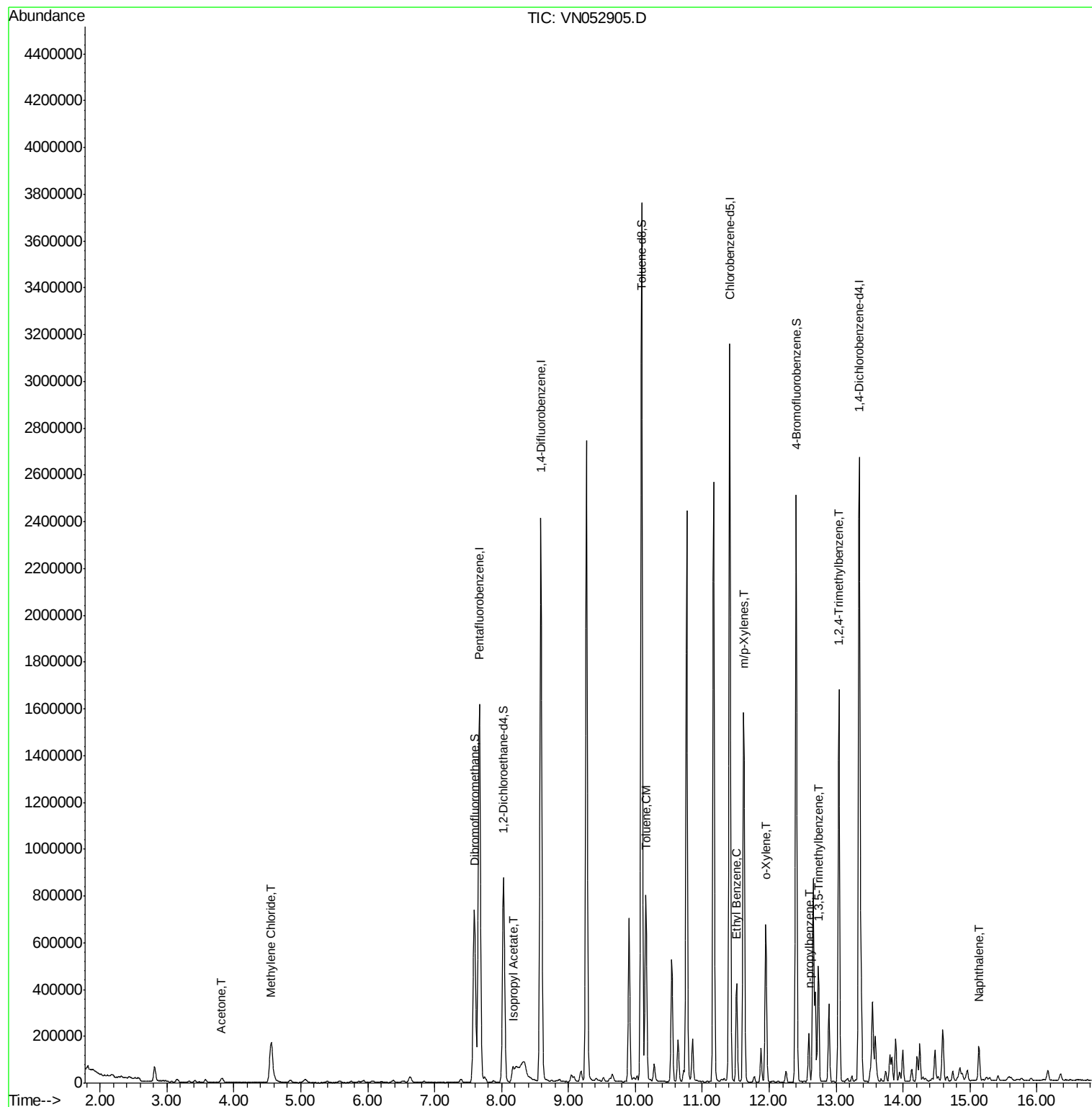
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	31978	9.432	ug/l	99
20) Methylene Chloride	4.56	84	124429	8.155	ug/l	98
43) Isopropyl Acetate	8.17	43	74735	2.990	ug/l #	77
52) Toluene	10.16	92	356970	9.677	ug/l	100
67) Ethyl Benzene	11.51	91	313226	4.597	ug/l	100
68) m/p-Xylenes	11.62	106	519615	20.310	ug/l	99
69) o-Xylene	11.95	106	188166	7.532	ug/l	98
78) n-propylbenzene	12.59	91	169529	2.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	279346	5.984	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	983446	20.809	ug/l	100
95) Naphthalene	15.13	128	127288	4.497	ug/l	100

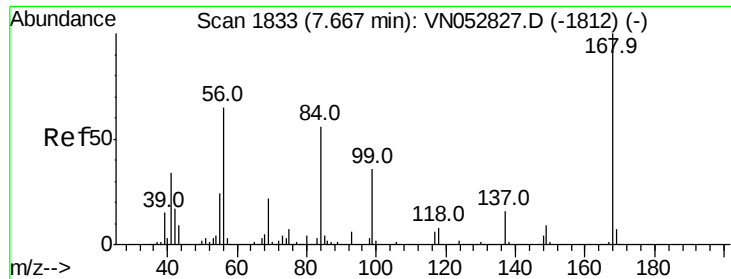
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 15 03:57:34 2018
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Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
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: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

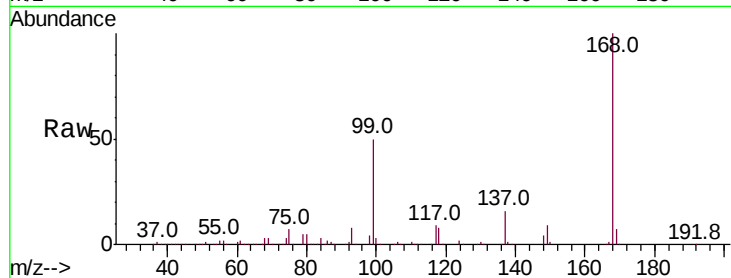
TP-6-A

Tot Ion:168 Resp: 1419750

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

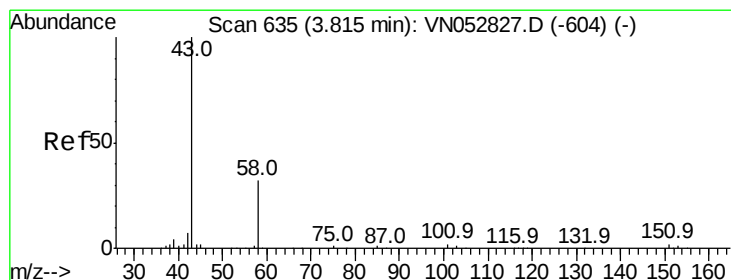
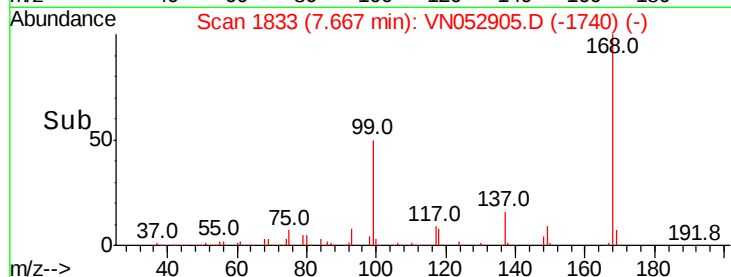
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 9.432 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052905.D

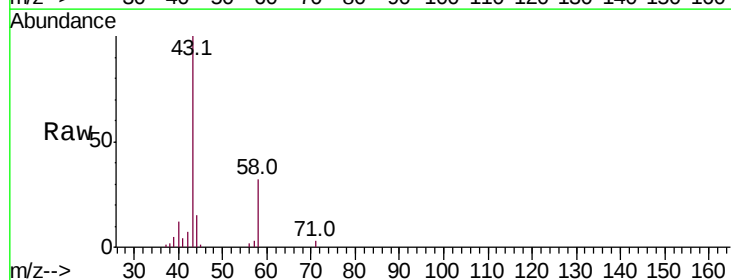
Acq: 14 Dec 2018 22:39

Tgt Ion: 43 Resp: 31978

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

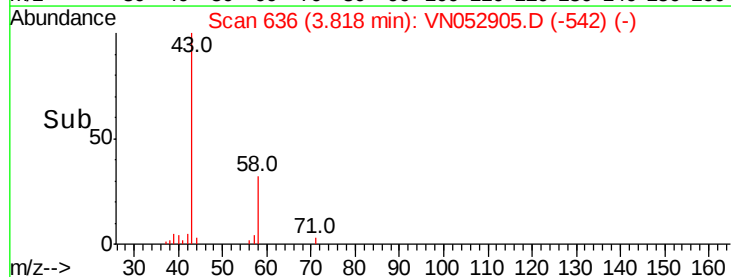
3.82

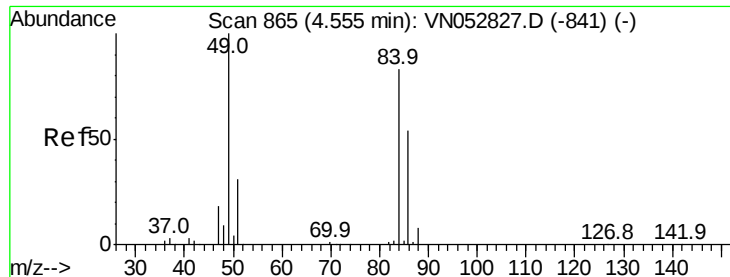
10000

5000

0

Time-->

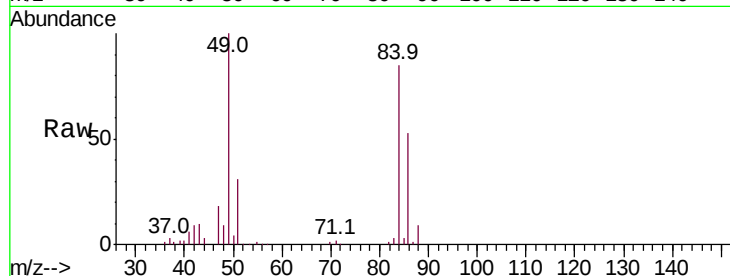




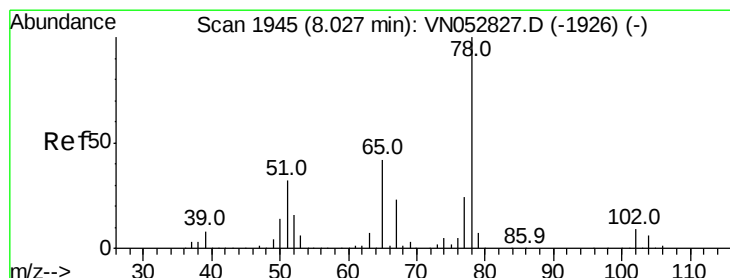
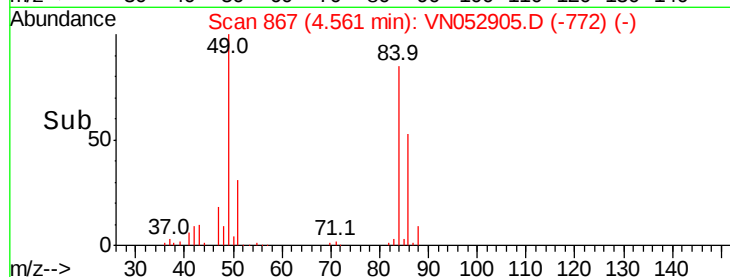
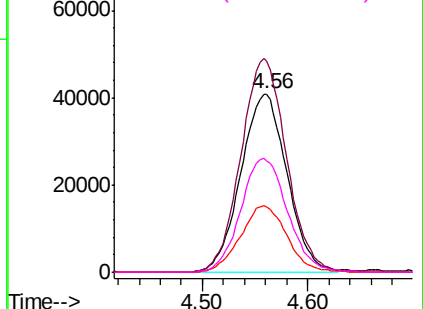
#20
Methvlene Chloride
Concen: 8.155 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampled :
TP-6-A

Tot Ion: 84 Resp: 124429
Ion Ratio Lower Upper
84 100
49 118.2 96.8 145.2
51 36.7 29.9 44.9
86 62.8 51.8 77.6

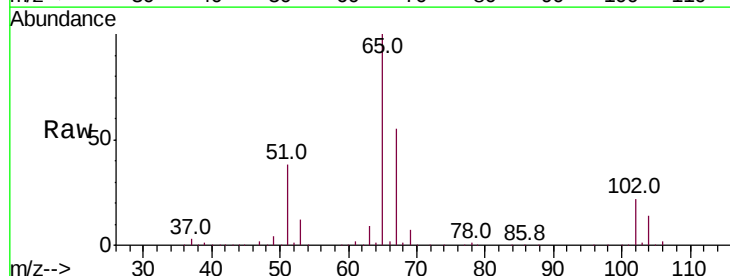


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

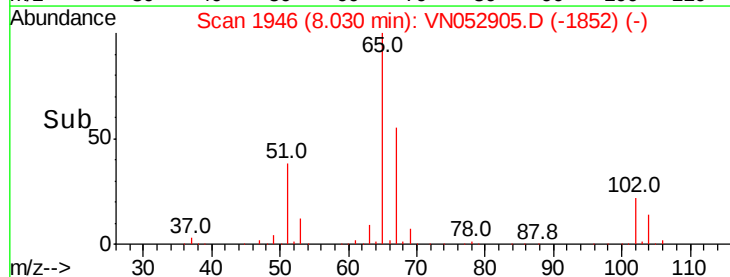
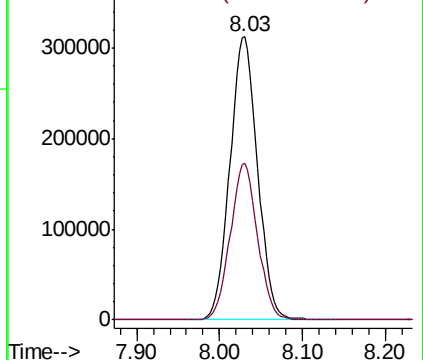


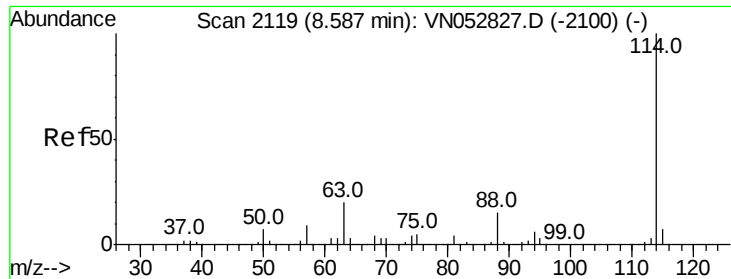
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 65 Resp: 724987
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO



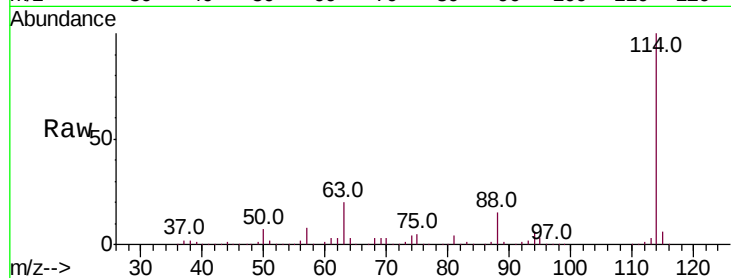


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

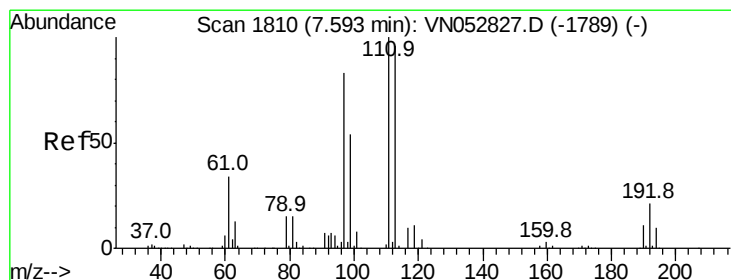
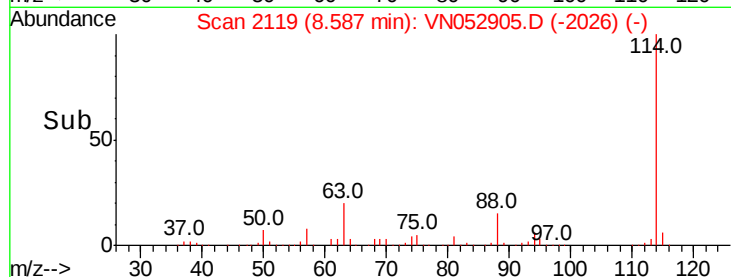
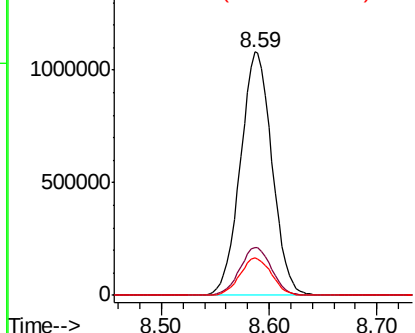
Instrument :
 MSVOA_N
 ClientSampled :
 TP-6-A

Tot Ion:114 Resp: 2203698

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.4	0.0	31.0



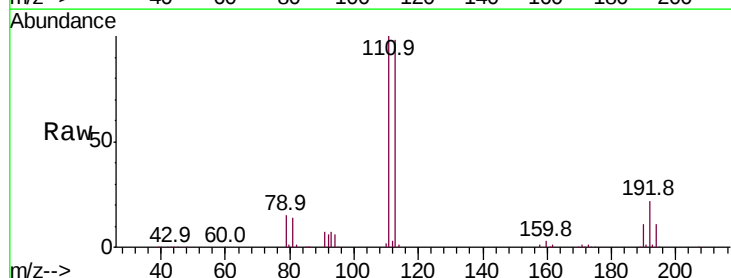
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



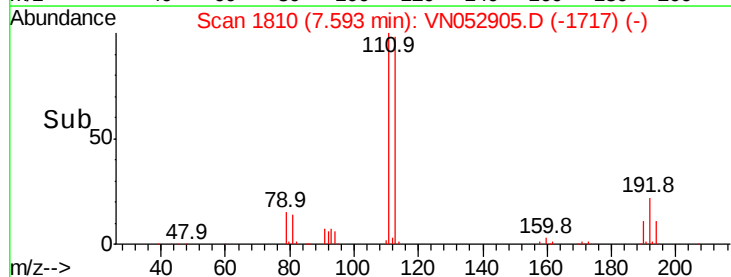
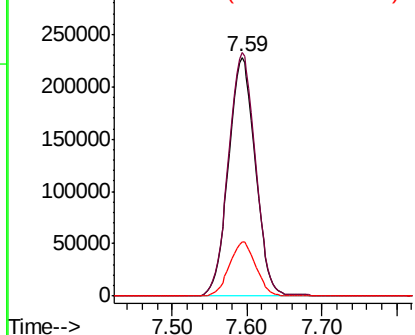
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

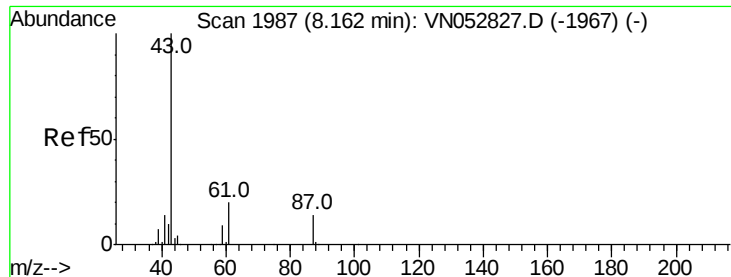
Tgt Ion:113 Resp: 569746

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	22.4	17.5	26.3



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: 2.990 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

TP-6-A

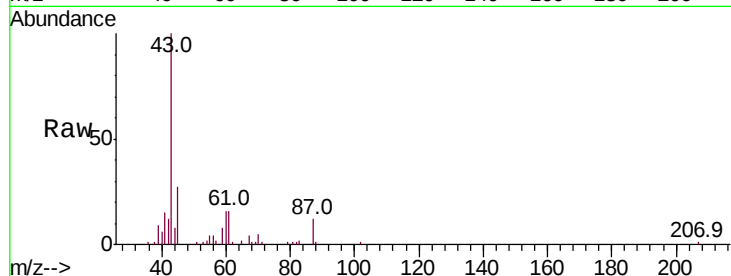
Tot Ion: 43 Resp: 74735

Ion Ratio Lower Upper

43 100

61 13.8 22.9 34.3#

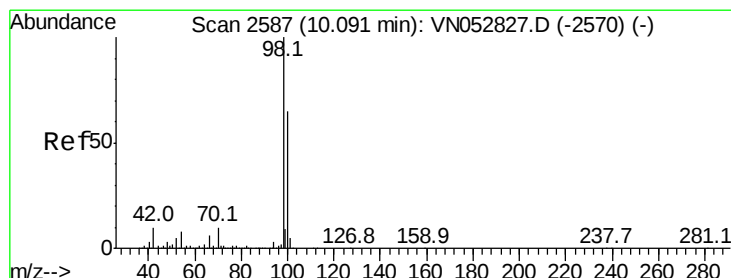
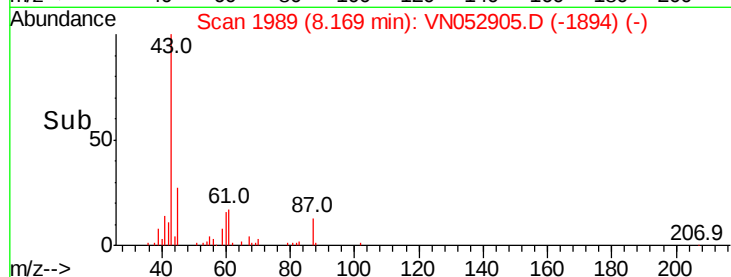
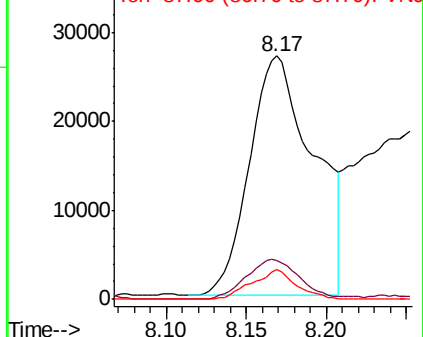
87 8.5 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052905.D

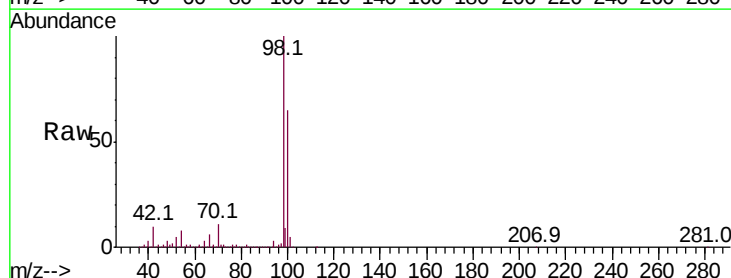
Acq: 14 Dec 2018 22:39

Tgt Ion: 98 Resp: 2653785

Ion Ratio Lower Upper

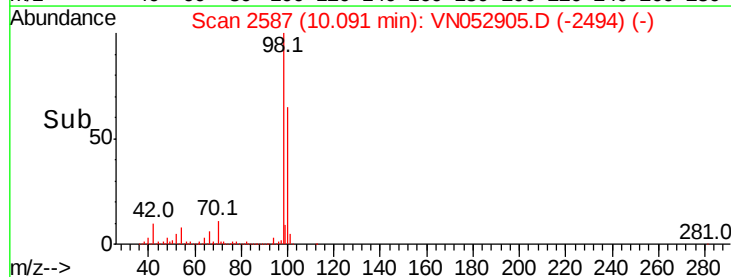
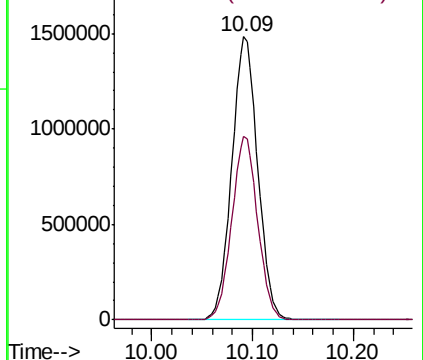
98 100

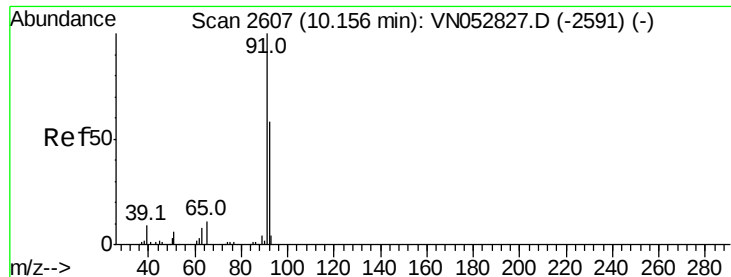
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 9.677 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

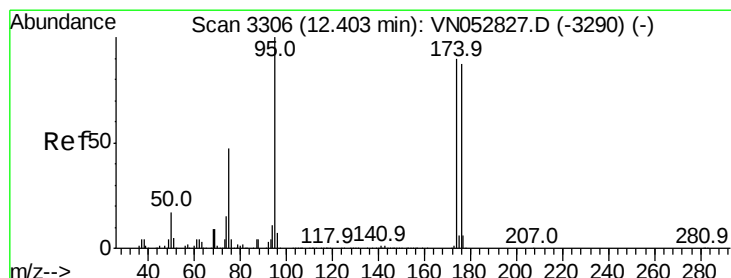
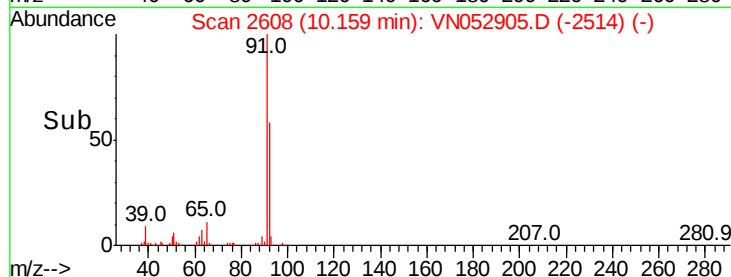
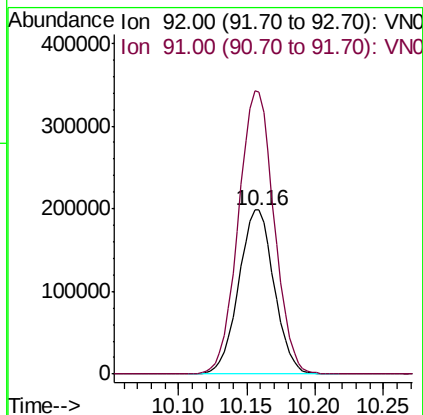
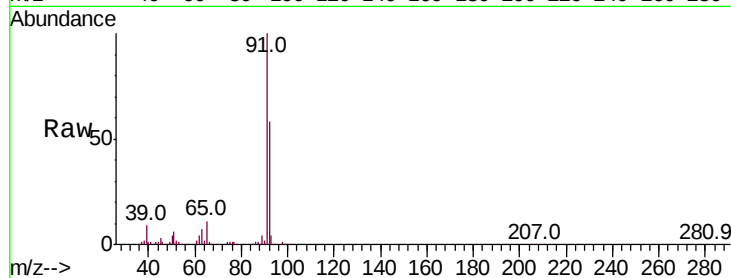
TP-6-A

Tot Ion: 92 Resp: 356970

Ion Ratio Lower Upper

92 100

91 174.3 139.8 209.6



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

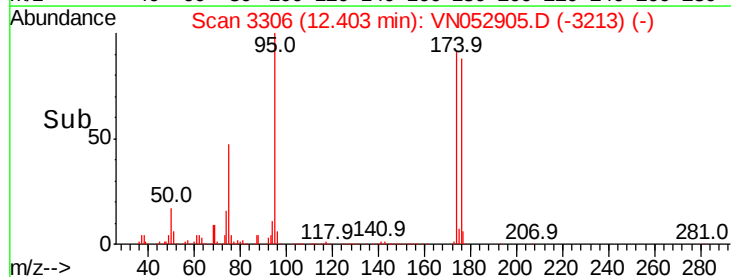
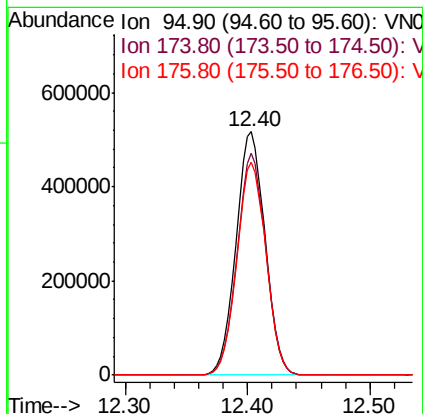
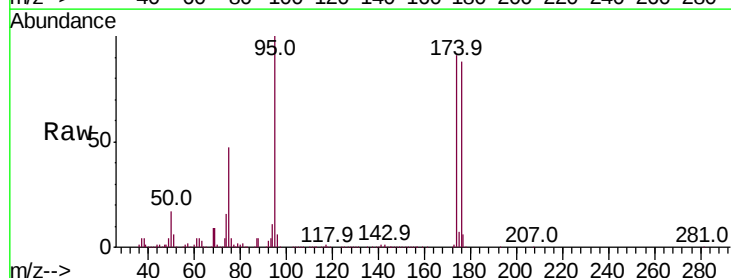
Tgt Ion: 95 Resp: 849303

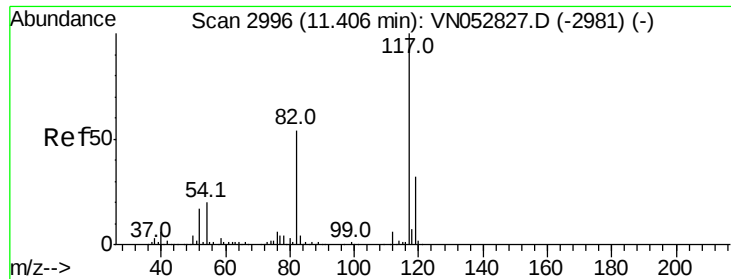
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.8

176 87.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

TP-6-A

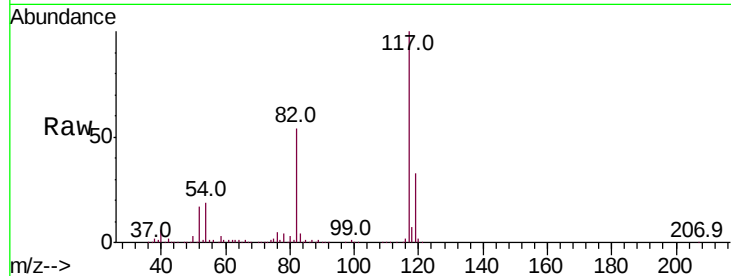
Tot Ion:117 Resp: 1912391

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

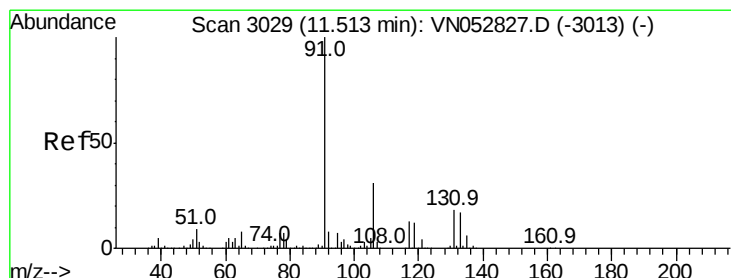
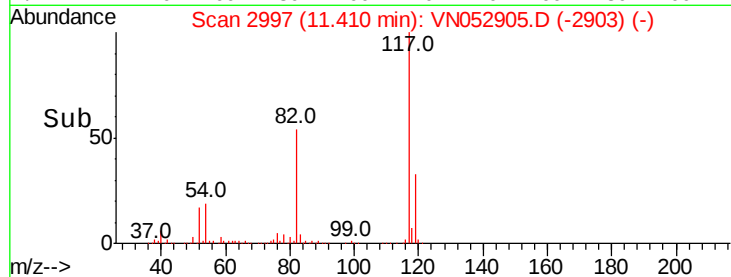
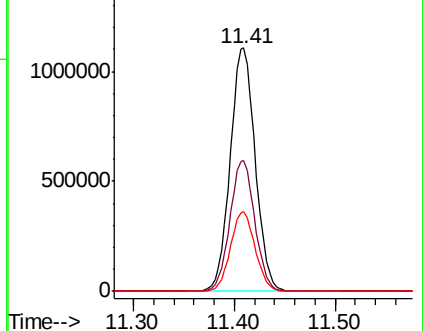
119 32.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 4.597 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN052905.D

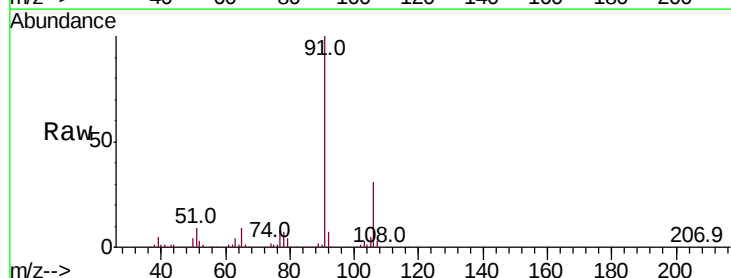
Acq: 14 Dec 2018 22:39

Tgt Ion: 91 Resp: 313226

Ion Ratio Lower Upper

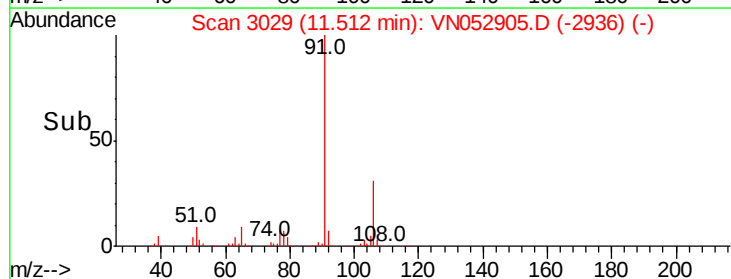
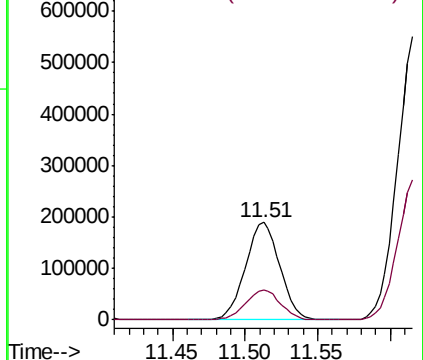
91 100

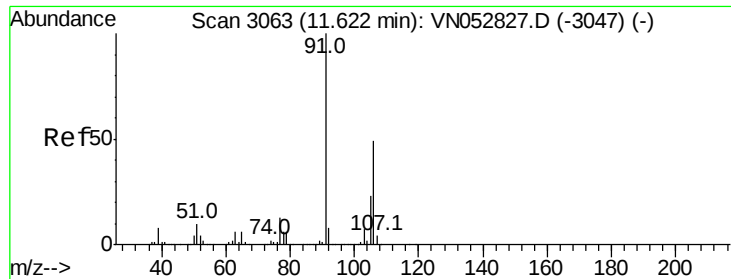
106 31.0 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V

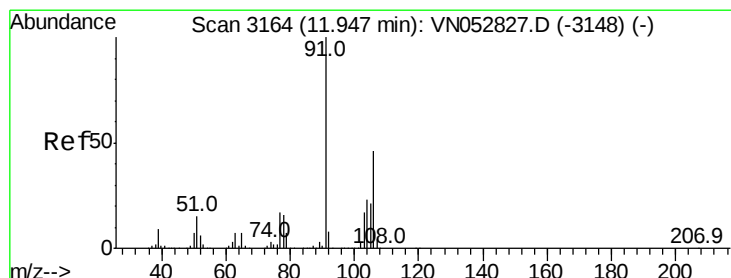
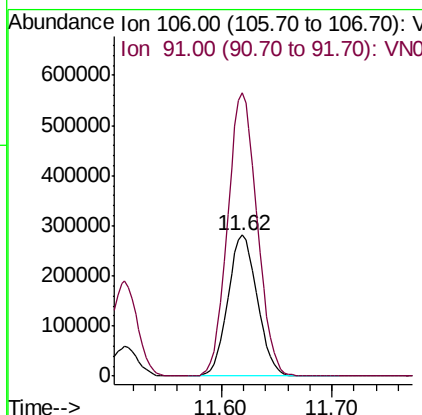
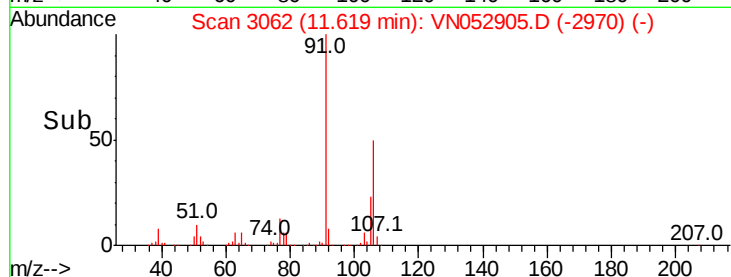
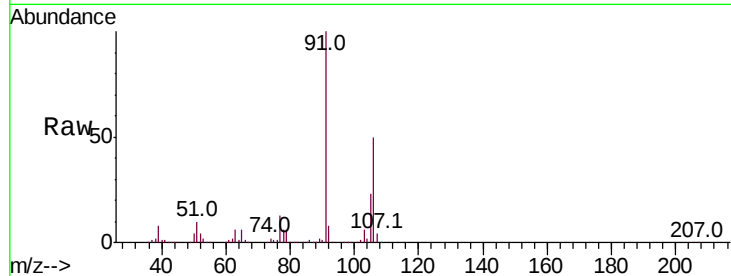




#68
m/p-Xvlenes
Concen: 20.310 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

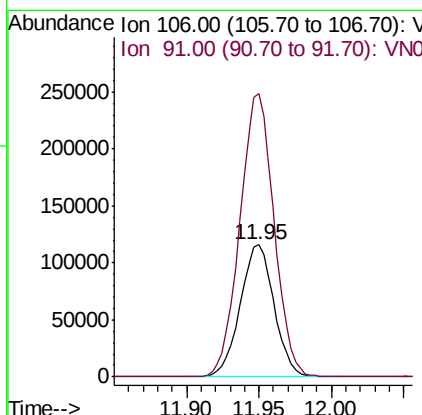
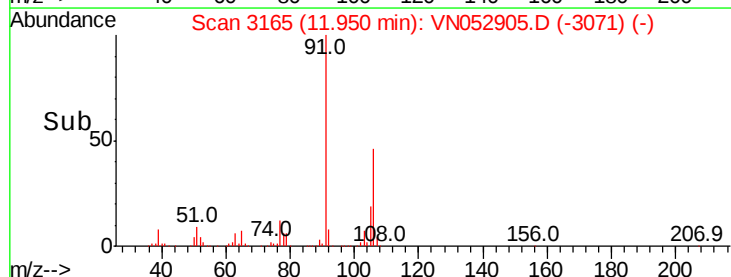
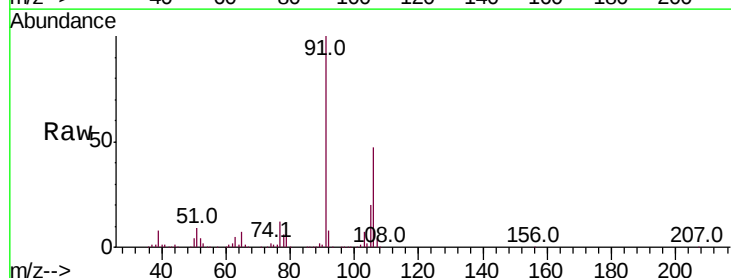
Instrument :
MSVOA_N
ClientSampled :
TP-6-A

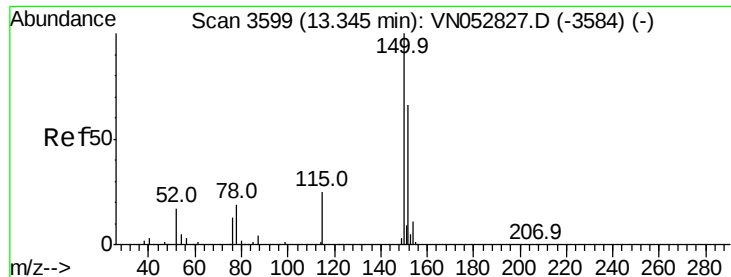
Tot Ion:106 Resp: 519615
Ion Ratio Lower Upper
106 100
91 201.2 162.2 243.4



#69
o-Xylene
Concen: 7.532 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion:106 Resp: 188166
Ion Ratio Lower Upper
106 100
91 216.4 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

TP-6-A

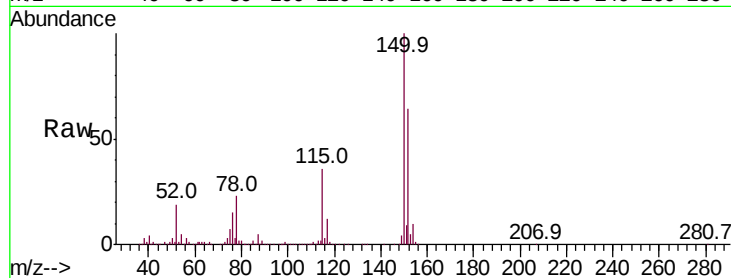
Tot Ion:152 Resp: 774533

Ion Ratio Lower Upper

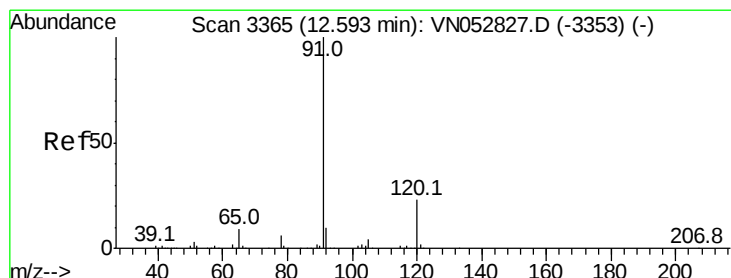
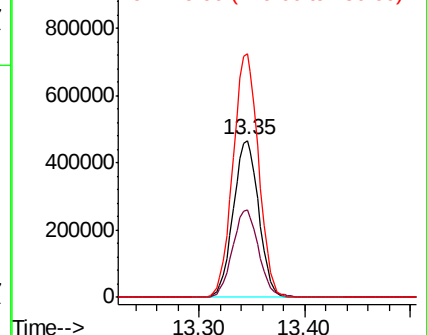
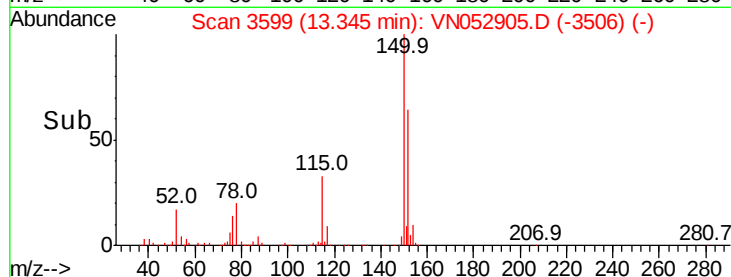
152 100

115 57.2 28.3 85.0

150 155.9 0.0 347.8



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



#78

n-propylbenzene

Concen: 2.570 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052905.D

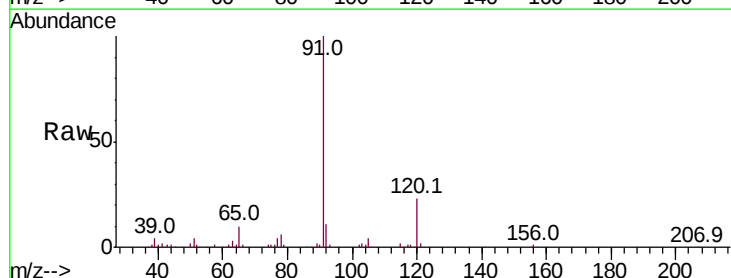
Acq: 14 Dec 2018 22:39

Tgt Ion: 91 Resp: 169529

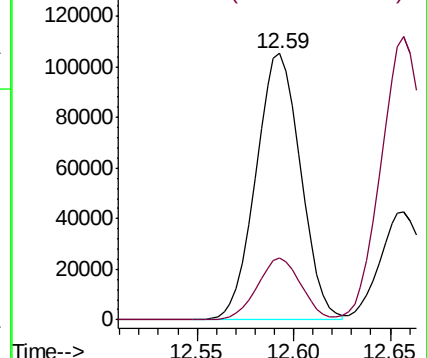
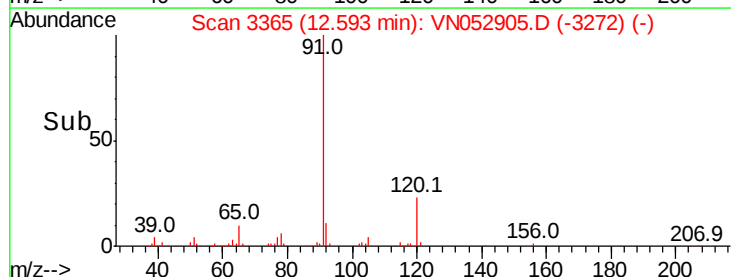
Ion Ratio Lower Upper

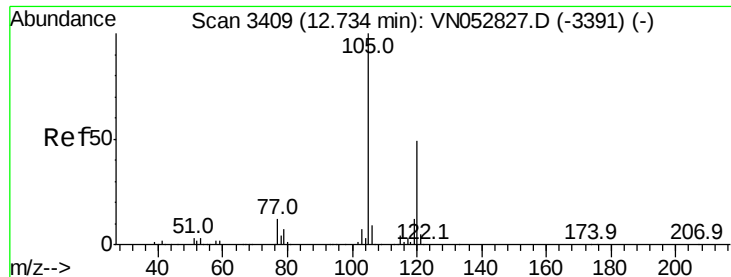
91 100

120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.00 (119.70 to 120.70): V

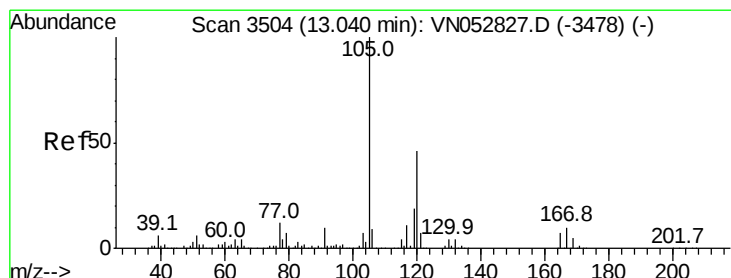
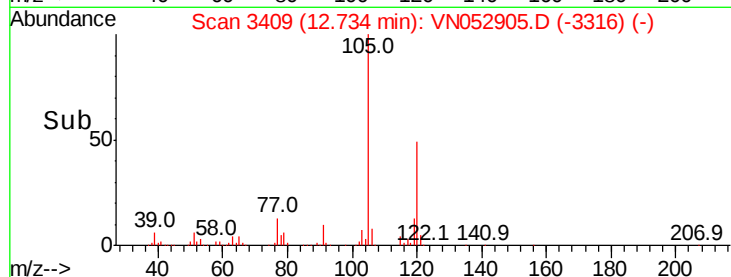
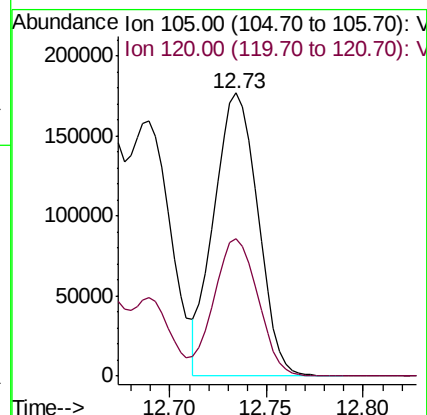
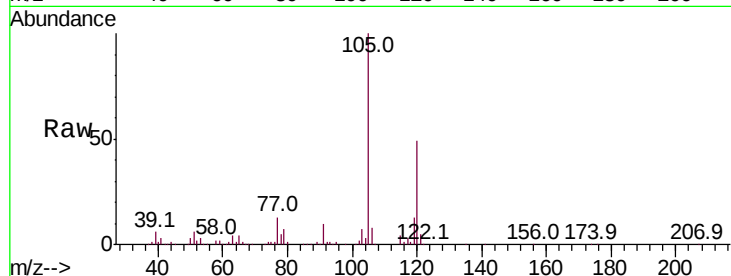




#80
 1,3,5-Trimethylbenzene
 Concen: 5.984 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

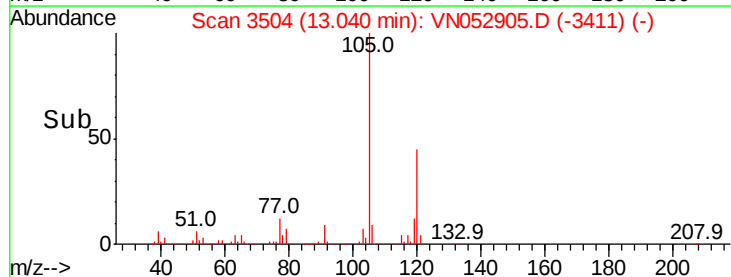
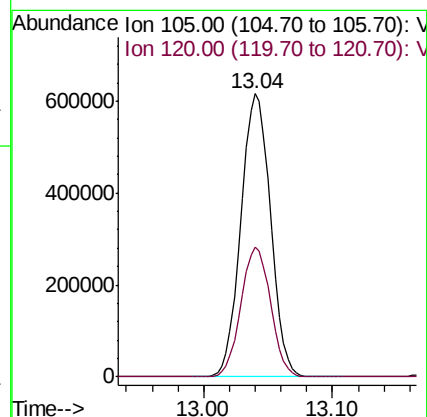
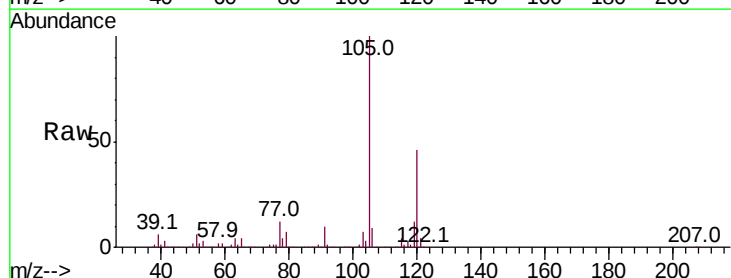
Instrument :
 MSVOA_N
 ClientSampled :
 TP-6-A

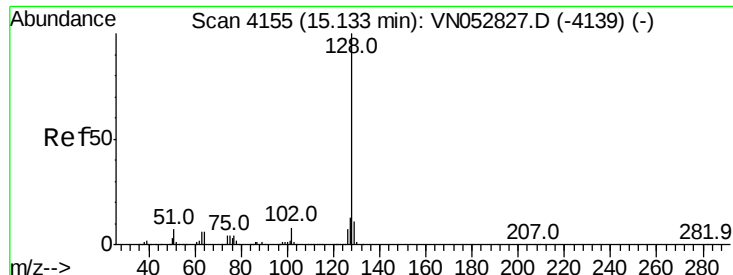
Tot Ion:105 Resp: 279346
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 20.809 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

Tgt Ion:105 Resp: 983446
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8





#95

Naphthalene

Concen: 4.497 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

TP-6-A

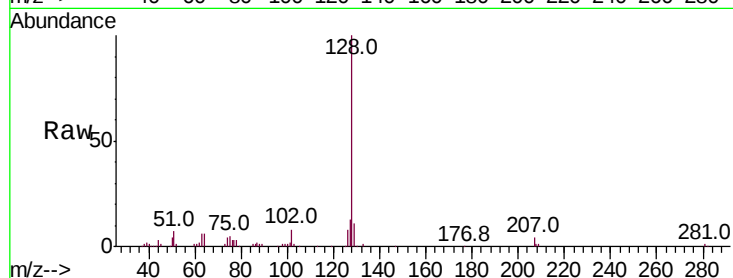
Tot Ion:128 Resp: 127288

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

100000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

