

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052900.D
 Acq On : 14 Dec 2018 20:25
 Operator : MD\SY
 Sample : J6403-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-B

Quant Time: Dec 15 03:49:21 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	1419243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2200473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1926435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	830161	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	729232	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
35) Dibromofluoromethane	7.59	113	562269	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
50) Toluene-d8	10.09	98	2655331	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	872915	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	

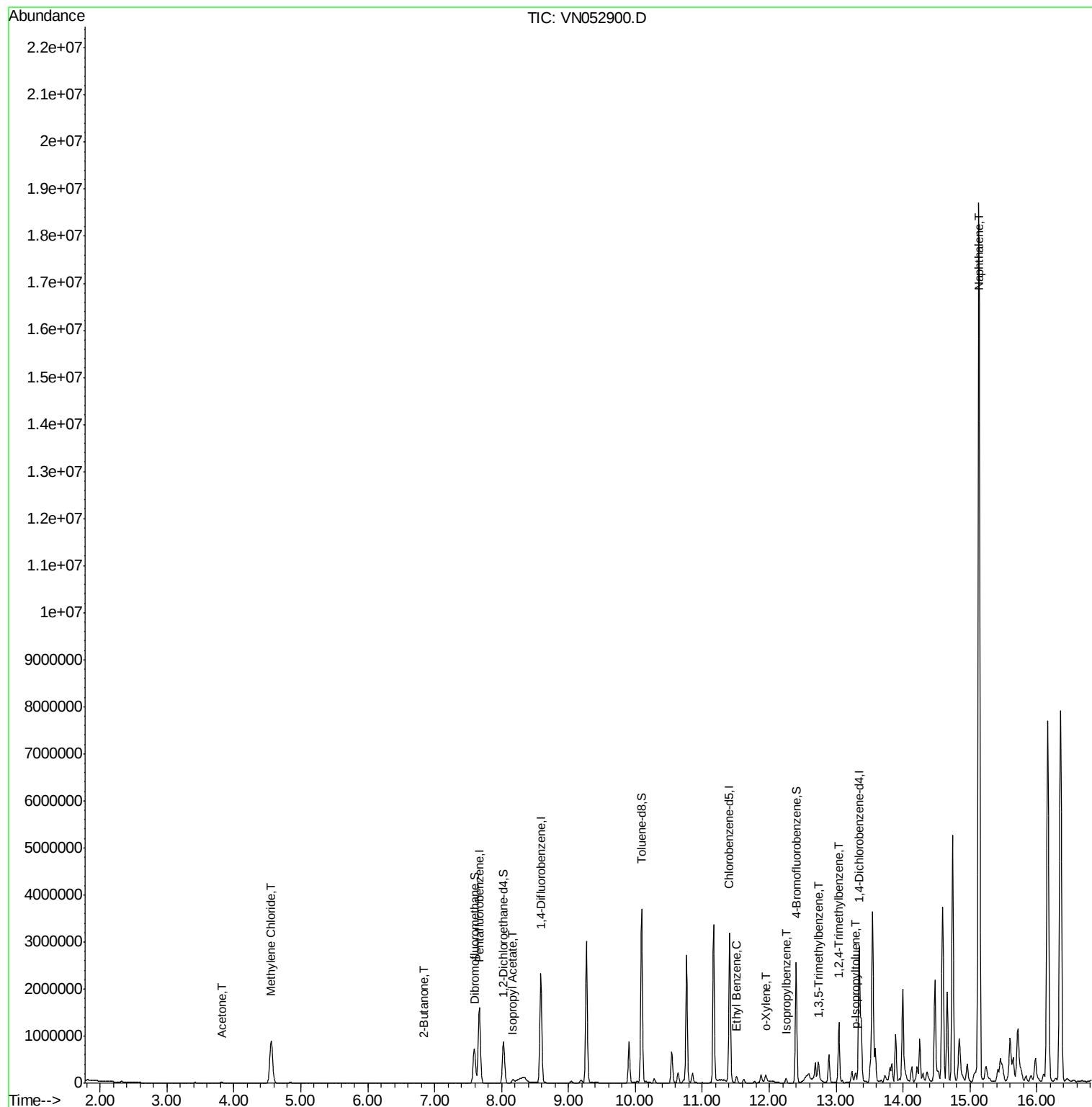
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	26891	7.934	ug/l	93
20) Methylene Chloride	4.56	84	695137	45.576	ug/l	99
25) 2-Butanone	6.84	43	7512	1.428	ug/l	91
43) Isopropyl Acetate	8.17	43	81112	3.250	ug/l #	80
67) Ethyl Benzene	11.51	91	100547	1.465	ug/l	98
69) o-Xylene	11.95	106	35869	1.425	ug/l	99
73) Isopropylbenzene	12.25	105	65133	1.051	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	202096	4.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	724857	14.310	ug/l	100
86) p-Isopropyltoluene	13.29	119	99948	1.930	ug/l	99
95) Naphthalene	15.13	128	16186147	533.484	ug/l	99

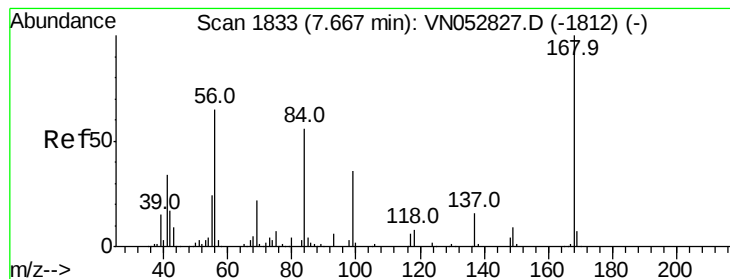
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\
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Quant Time: Dec 15 03:49:21 2018
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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: VN052900.D

Acq: 14 Dec 2018 20:25

Instrument :

MSVOA_N

ClientSampled :

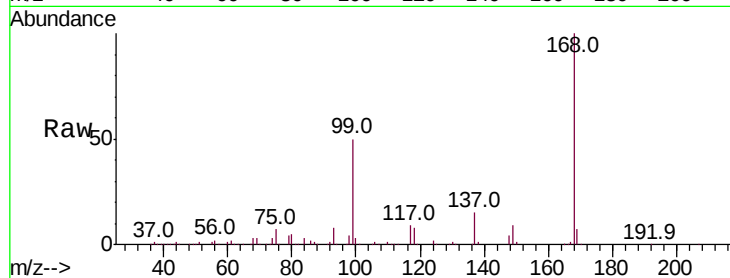
TP-3-B

Tot Ion:168 Resp: 1419243

Ion Ratio Lower Upper

168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

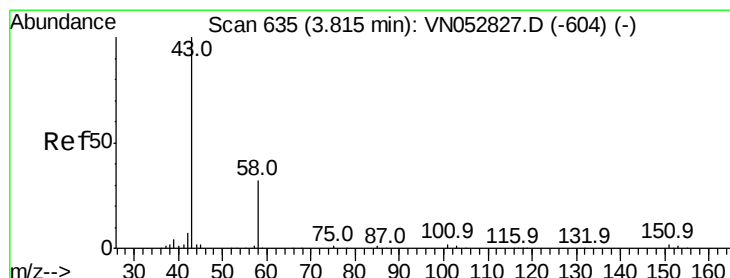
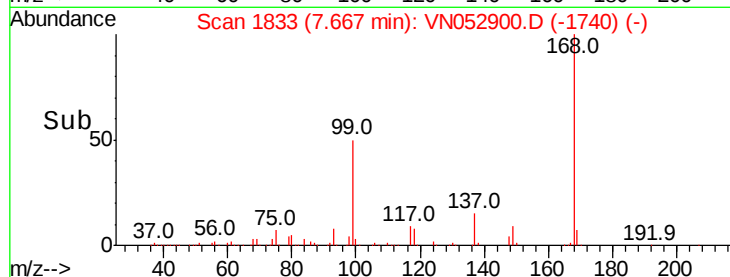
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 7.934 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052900.D

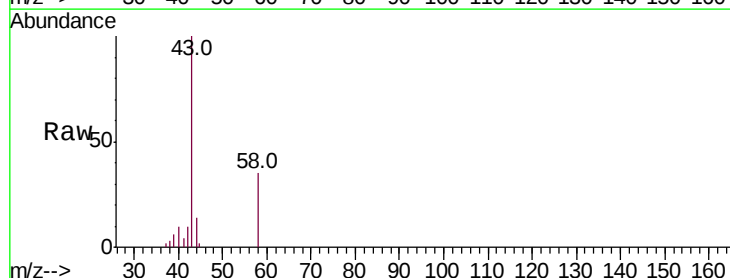
Acq: 14 Dec 2018 20:25

Tgt Ion: 43 Resp: 26891

Ion Ratio Lower Upper

43 100

58 35.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

10000

8000

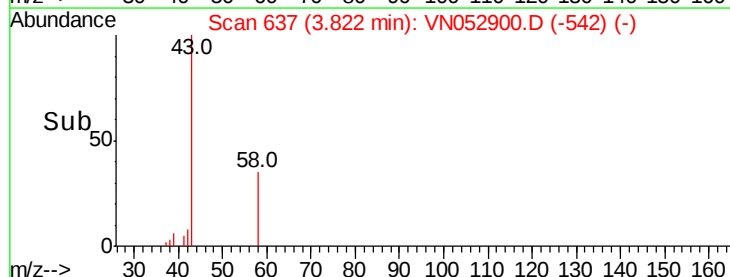
6000

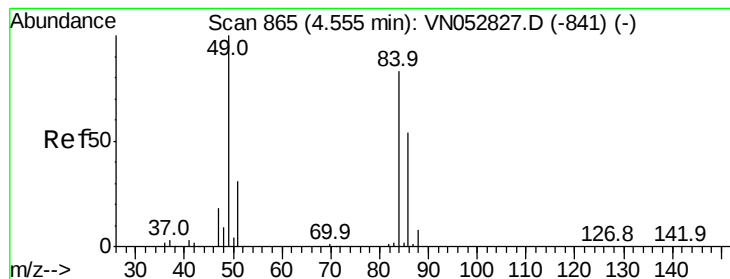
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 45.576 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052900.D

Acq: 14 Dec 2018 20:25

Instrument :
MSVOA_N
ClientSampled :
TP-3-B

Tot Ion: 84 Resp: 695137

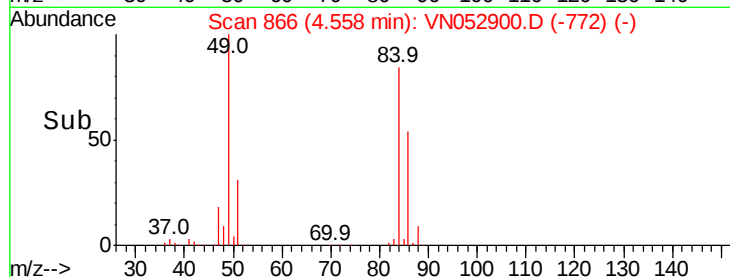
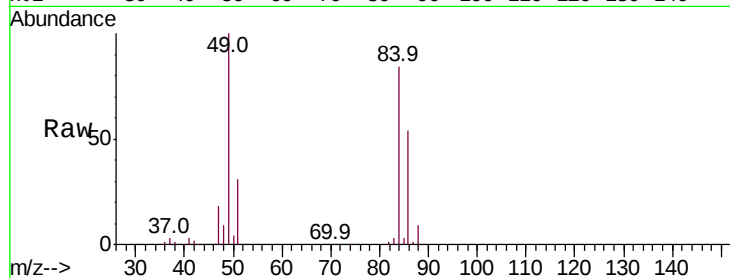
Ion Ratio Lower Upper

84 100

49 119.5 96.8 145.2

51 37.2 29.9 44.9

86 65.0 51.8 77.6



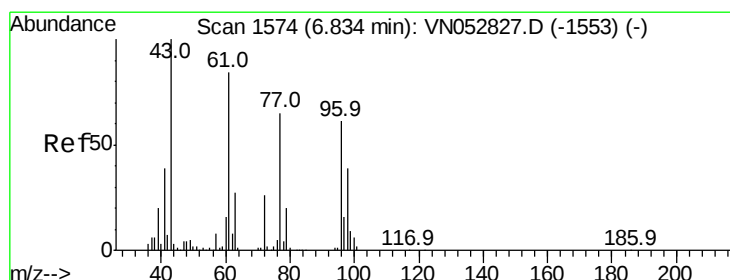
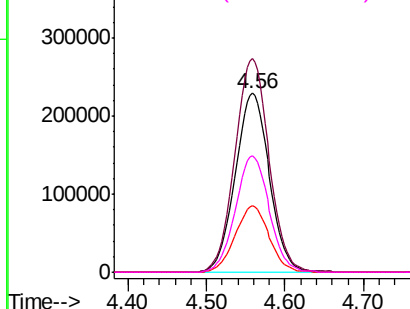
Abundance

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



#25

2-Butanone

Concen: 1.428 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052900.D

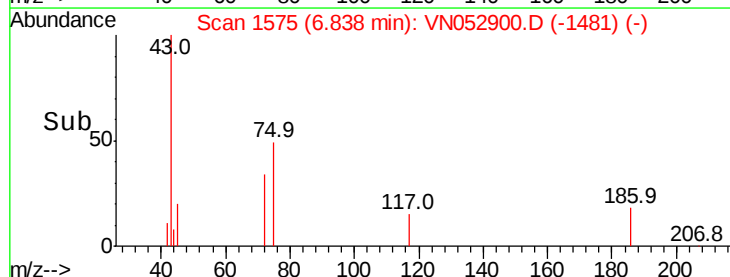
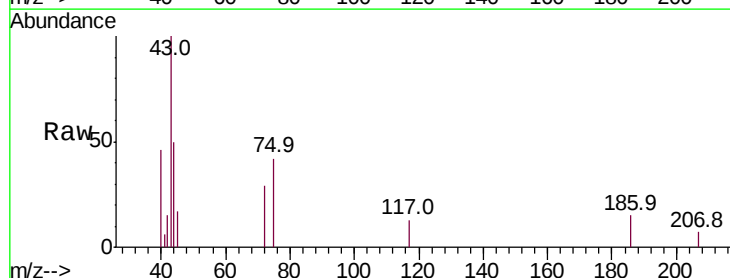
Acq: 14 Dec 2018 20:25

Tgt Ion: 43 Resp: 7512

Ion Ratio Lower Upper

43 100

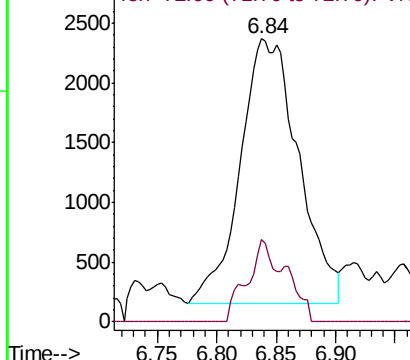
72 31.1 21.0 31.6

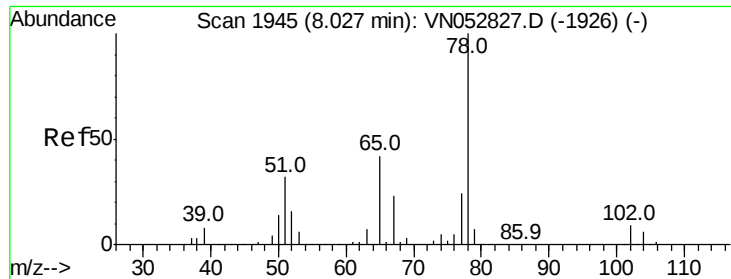


Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

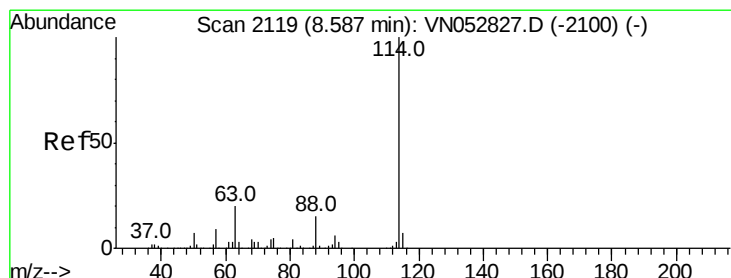
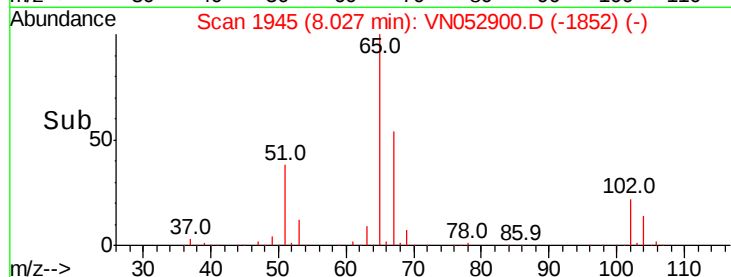
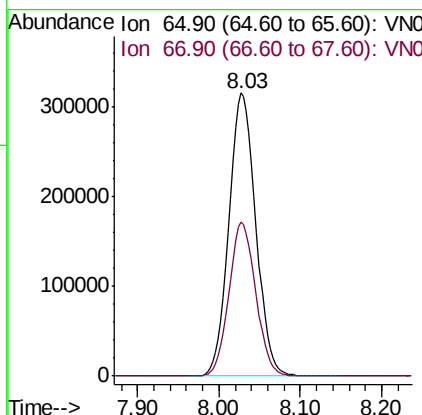
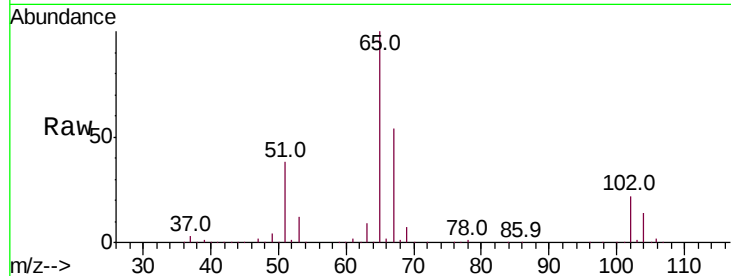




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052900.D
 Acq: 14 Dec 2018 20:25

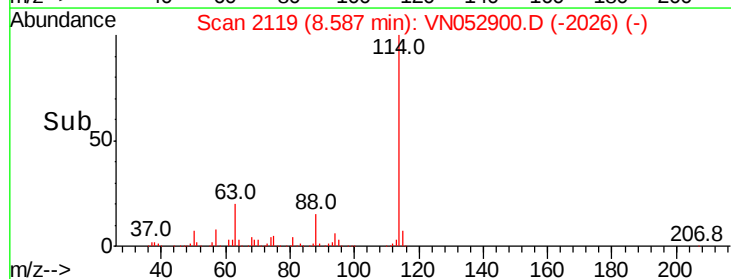
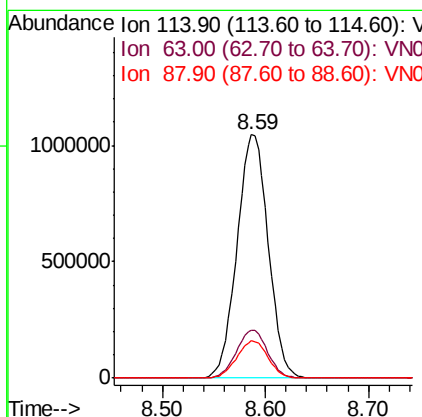
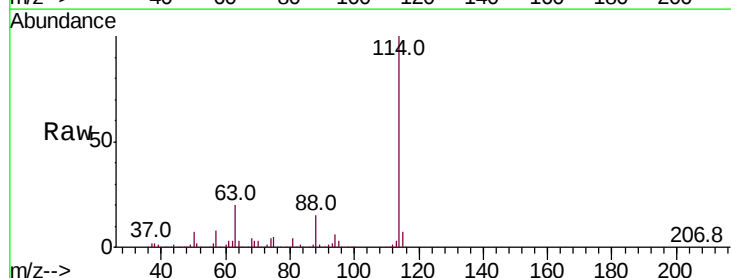
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-B

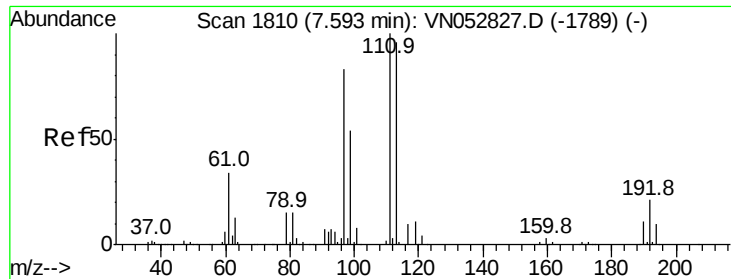
Tot Ion: 65 Resp: 729232
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052900.D
 Acq: 14 Dec 2018 20:25

Tgt Ion: 114 Resp: 2200473
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.2 0.0 31.0

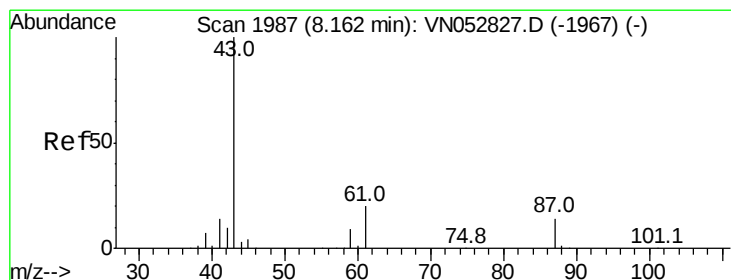
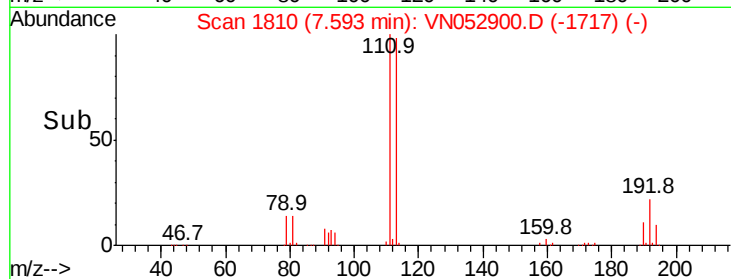
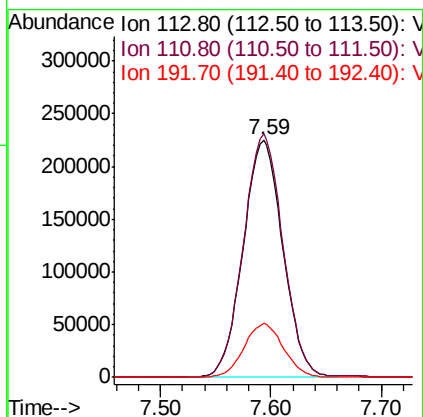
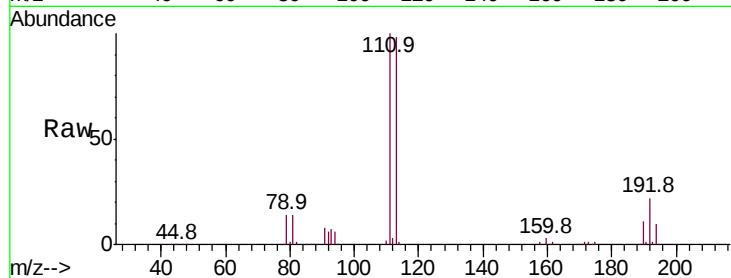




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052900.D
 Acq: 14 Dec 2018 20:25

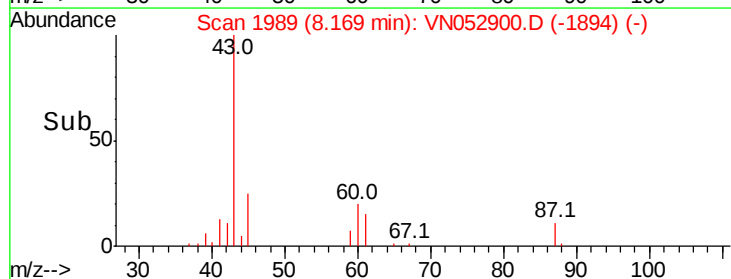
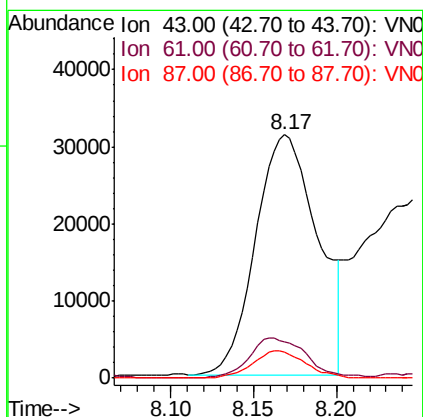
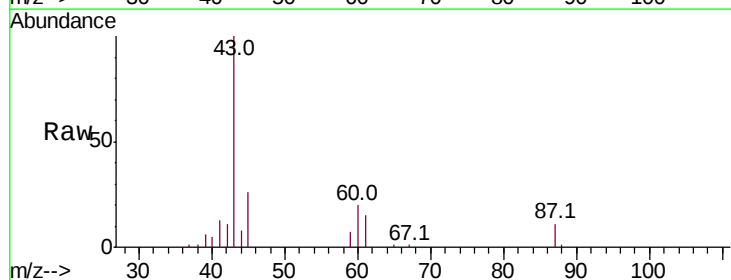
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-B

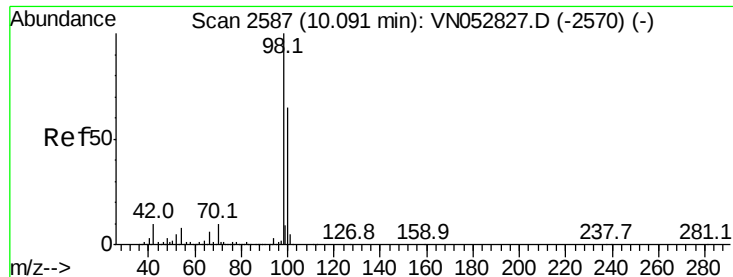
Tot Ion:113 Resp: 562269
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.4
 192 22.6 17.5 26.3



#43
 Isopropyl Acetate
 Concen: 3.250 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN052900.D
 Acq: 14 Dec 2018 20:25

Tgt Ion: 43 Resp: 81112
 Ion Ratio Lower Upper
 43 100
 61 15.5 22.9 34.3#
 87 9.5 10.6 15.8#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052900.D

Acq: 14 Dec 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

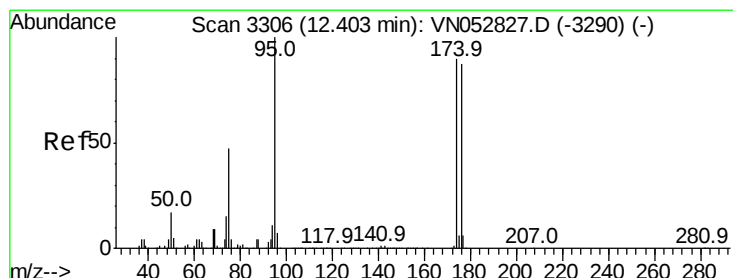
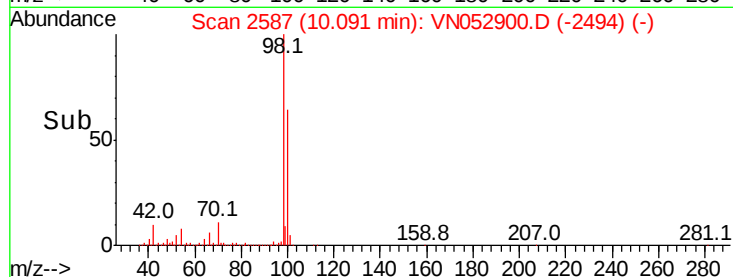
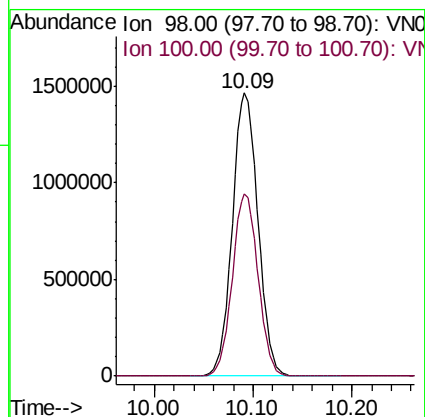
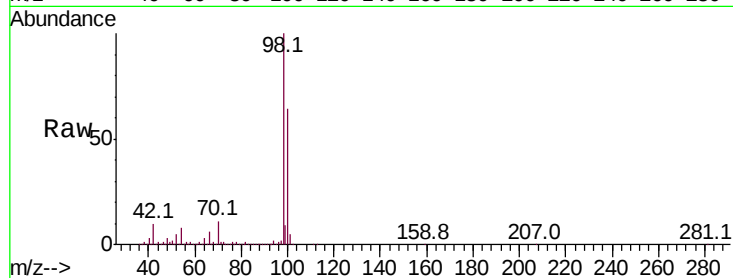
TP-3-B

Tot Ion: 98 Resp: 2655331

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052900.D

Acq: 14 Dec 2018 20:25

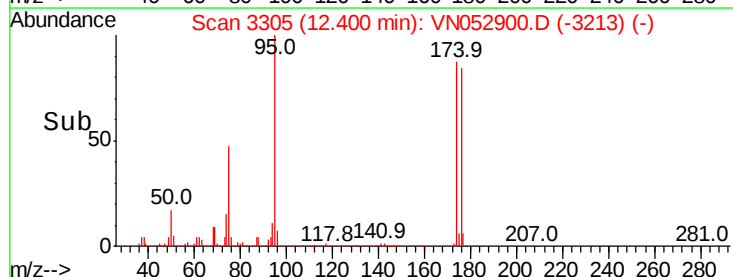
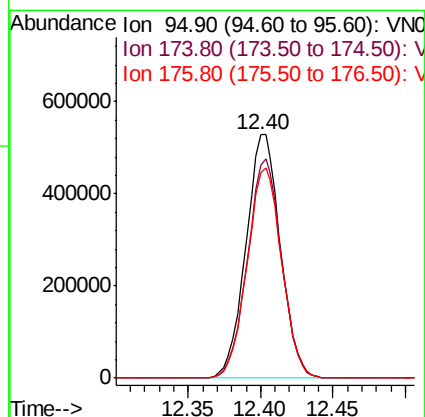
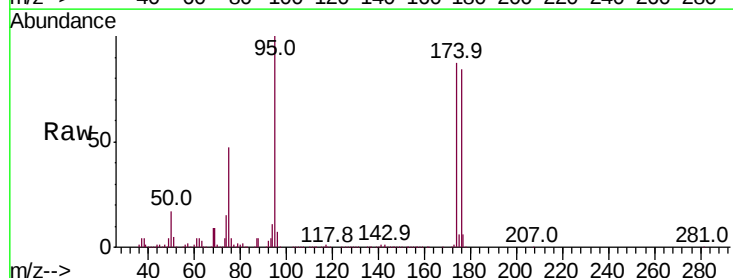
Tgt Ion: 95 Resp: 872915

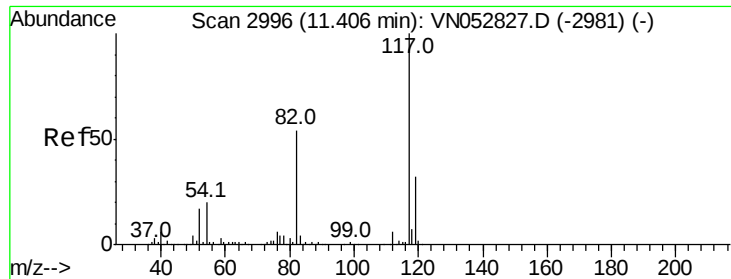
Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.8

176 86.9 0.0 173.8

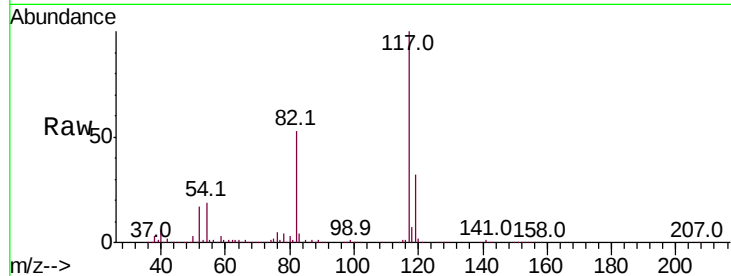




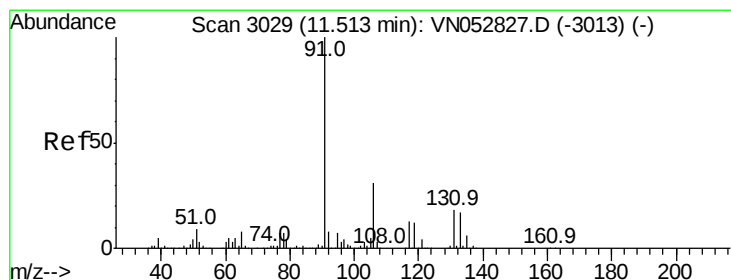
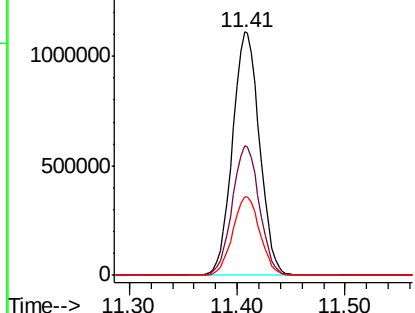
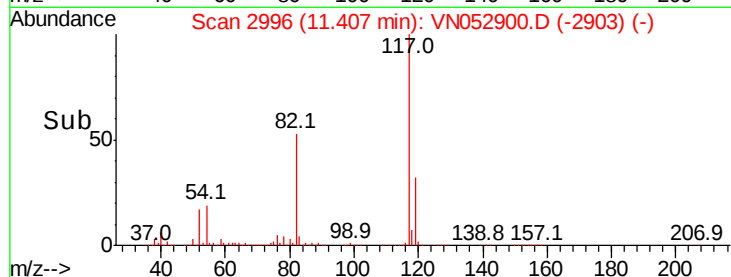
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052900.D
Acq: 14 Dec 2018 20:25

Instrument :
MSVOA_N
ClientSampled :
TP-3-B

Tot Ion:117 Resp: 1926435
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.4 25.5 38.3

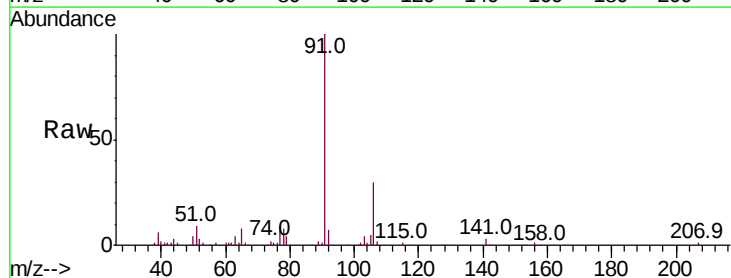


Abundance Ion 116.90 (116.60 to 117.60): V
1500000
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

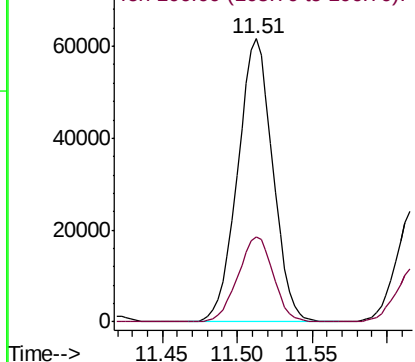
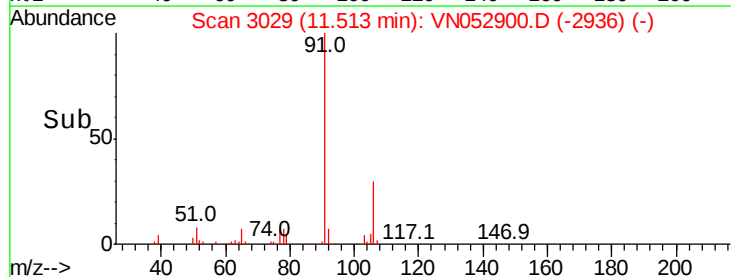


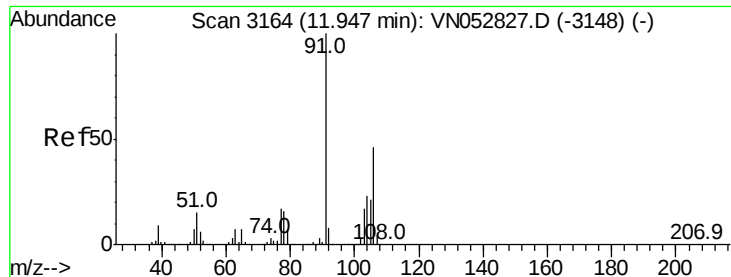
#67
Ethyl Benzene
Concen: 1.465 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052900.D
Acq: 14 Dec 2018 20:25

Tgt Ion: 91 Resp: 100547
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): V
60000
Ion 106.00 (105.70 to 106.70): V

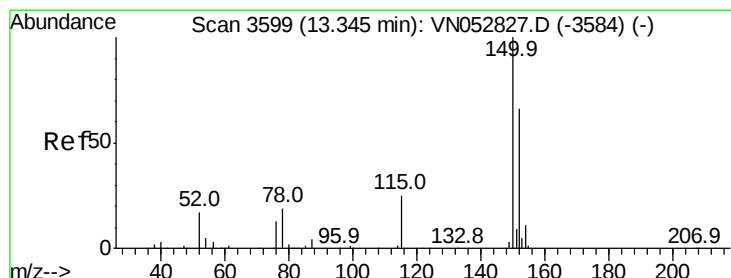
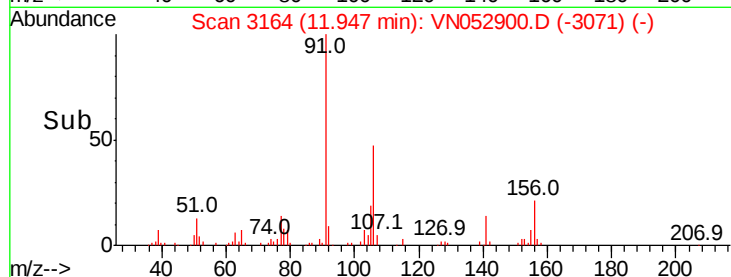
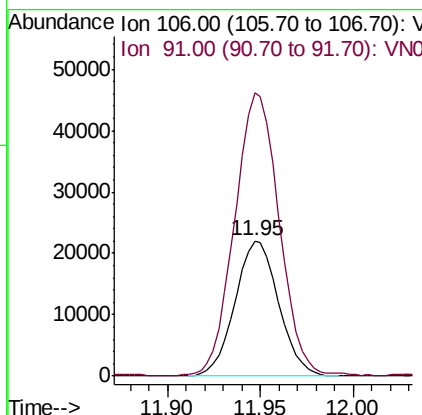
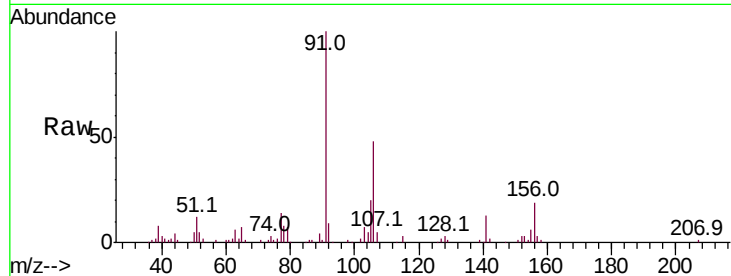




#69
o-Xylene
Concen: 1.425 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052900.D
Acq: 14 Dec 2018 20:25

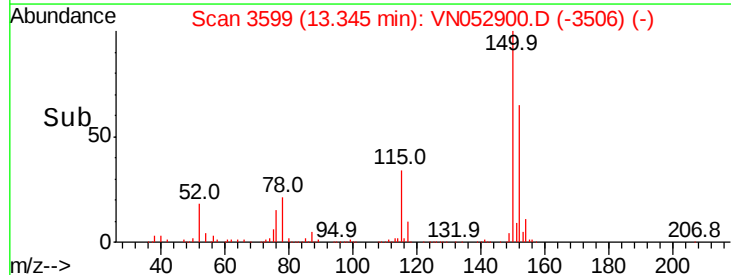
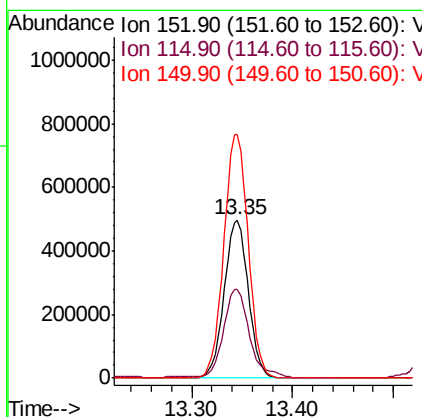
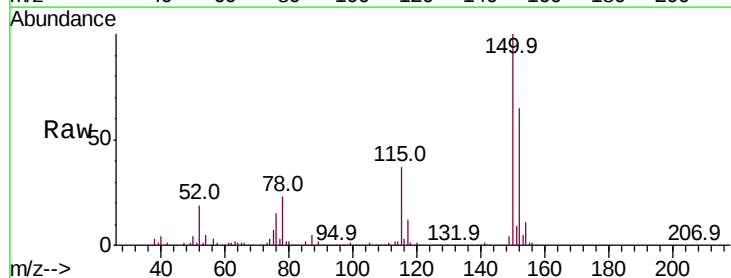
Instrument :
MSVOA_N
ClientSampled :
TP-3-B

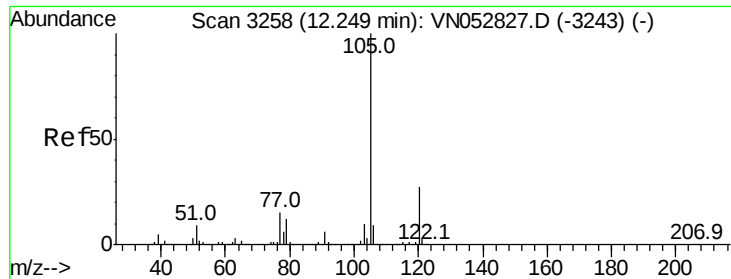
Tot Ion:106 Resp: 35869
Ion Ratio Lower Upper
106 100
91 215.4 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052900.D
Acq: 14 Dec 2018 20:25

Tgt Ion:152 Resp: 830161
Ion Ratio Lower Upper
152 100
115 59.3 28.3 85.0
150 155.8 0.0 347.8





#73

Isopropylbenzene

Concen: 1.051 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052900.D

Acq: 14 Dec 2018 20:25

Instrument :

MSVOA_N

ClientSampled :

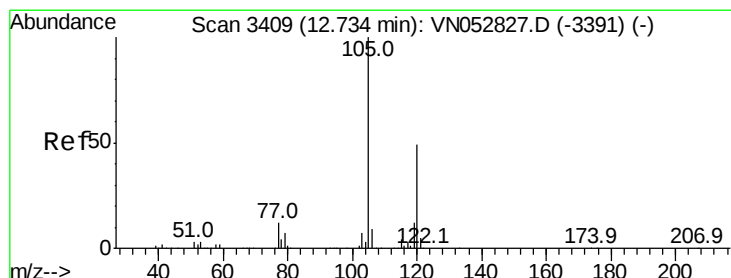
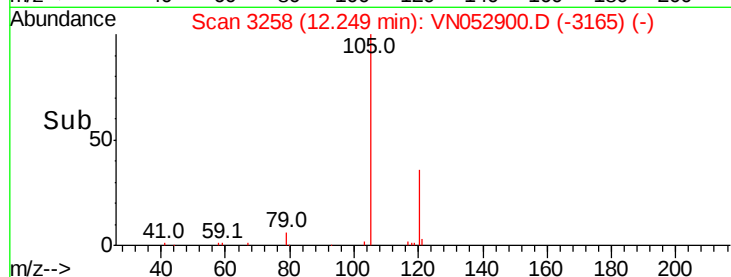
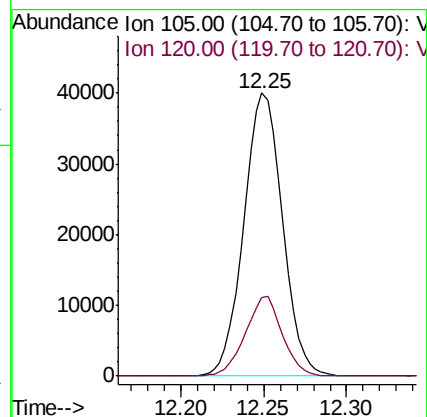
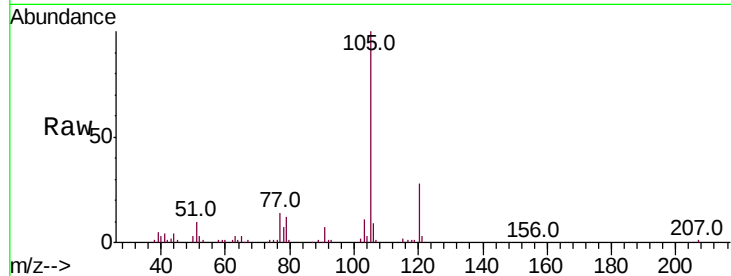
TP-3-B

Tot Ion:105 Resp: 65133

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#80

1,3,5-Trimethylbenzene

Concen: 4.039 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052900.D

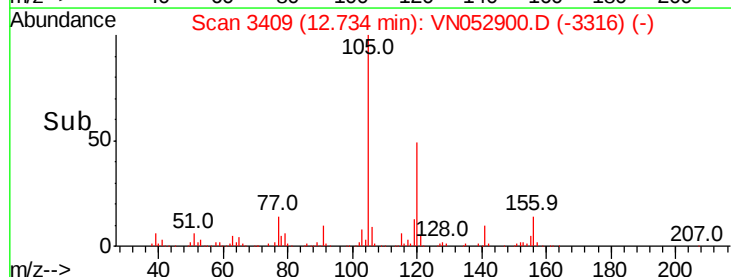
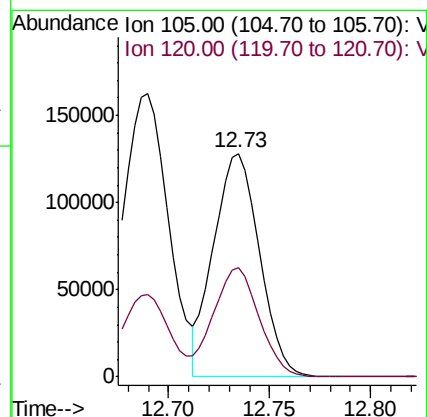
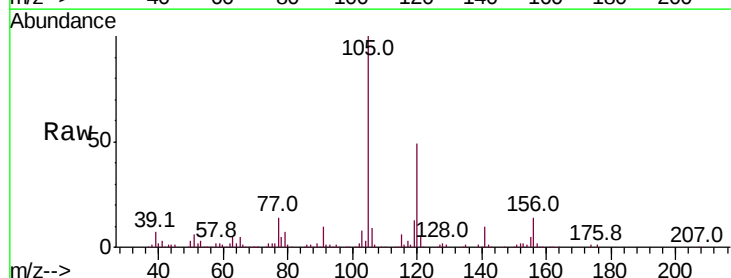
Acq: 14 Dec 2018 20:25

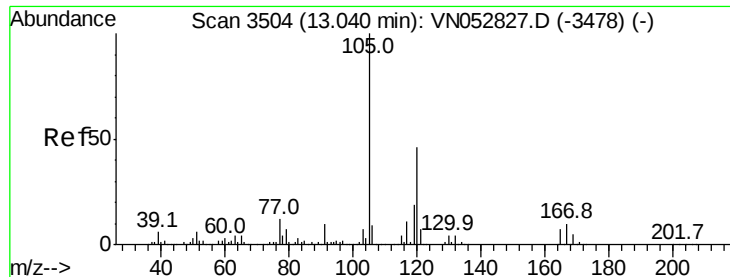
Tgt Ion:105 Resp: 202096

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.2

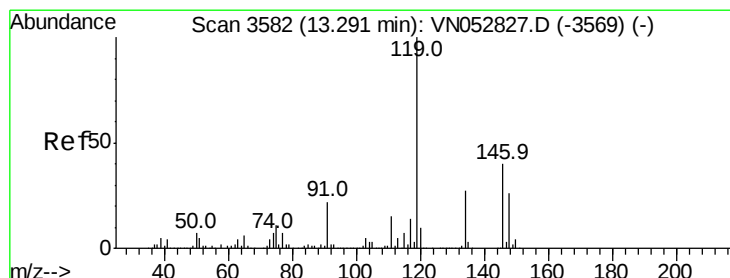
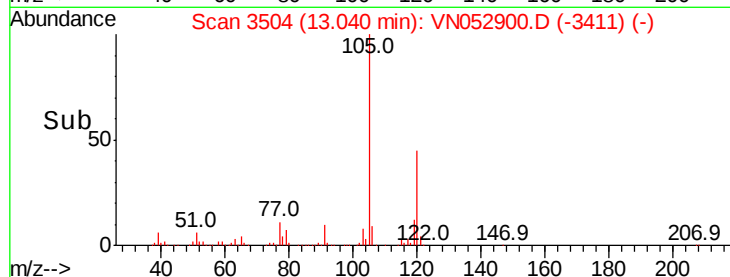
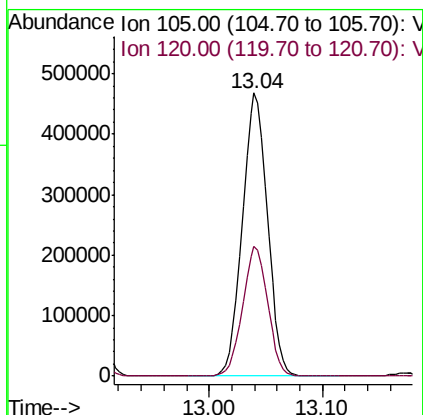
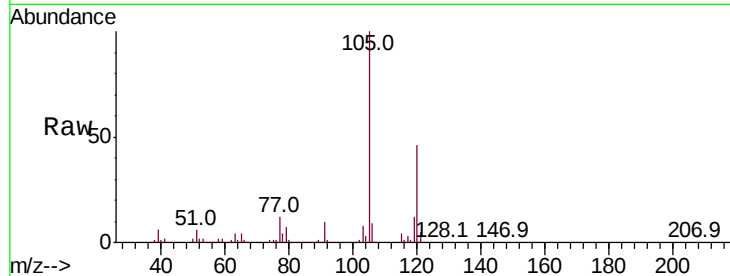




#84
 1,2,4-Trimethylbenzene
 Concen: 14.310 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052900.D
 Acq: 14 Dec 2018 20:25

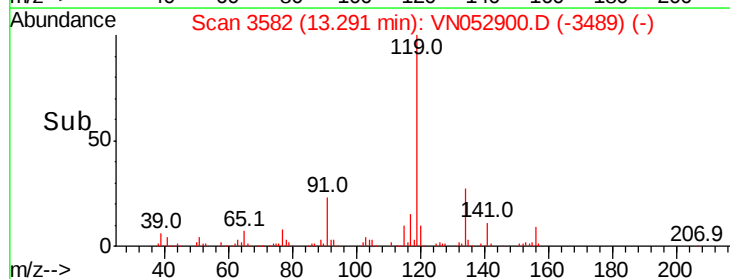
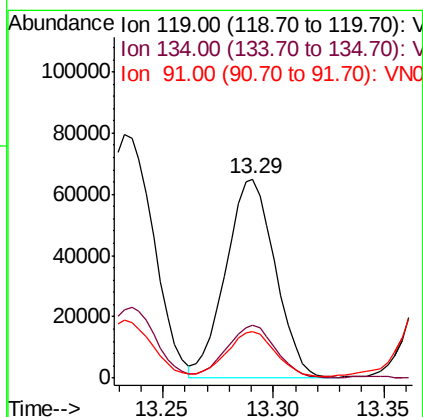
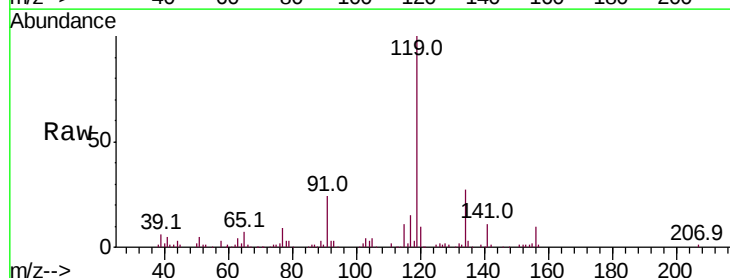
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3-B

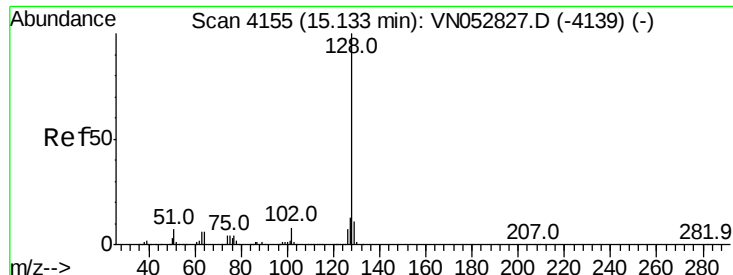
Tot Ion:105 Resp: 724857
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8



#86
 p-Isopropyltoluene
 Concen: 1.930 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052900.D
 Acq: 14 Dec 2018 20:25

Tgt Ion:119 Resp: 99948
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.4 11.1 33.3





#95
Naphthalene
Concen: 533.484 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052900.D
Acq: 14 Dec 2018 20:25

Instrument :
MSVOA_N
ClientSampleId :
TP-3-B

Tot Ion:128 Resp:16186147
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.3 8.6 13.0

