

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049369.D
 Acq On : 19 Jun 2018 3:15
 Operator : MD\SY
 Sample : J3567-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-S

Quant Time: Jun 19 04:33:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1240754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1968509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1628512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	656014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	822165	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.59	113	726898	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
50) Toluene-d8	10.09	98	2664765	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
62) 4-Bromofluorobenzene	12.40	95	772469	38.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.04%	

Target Compounds

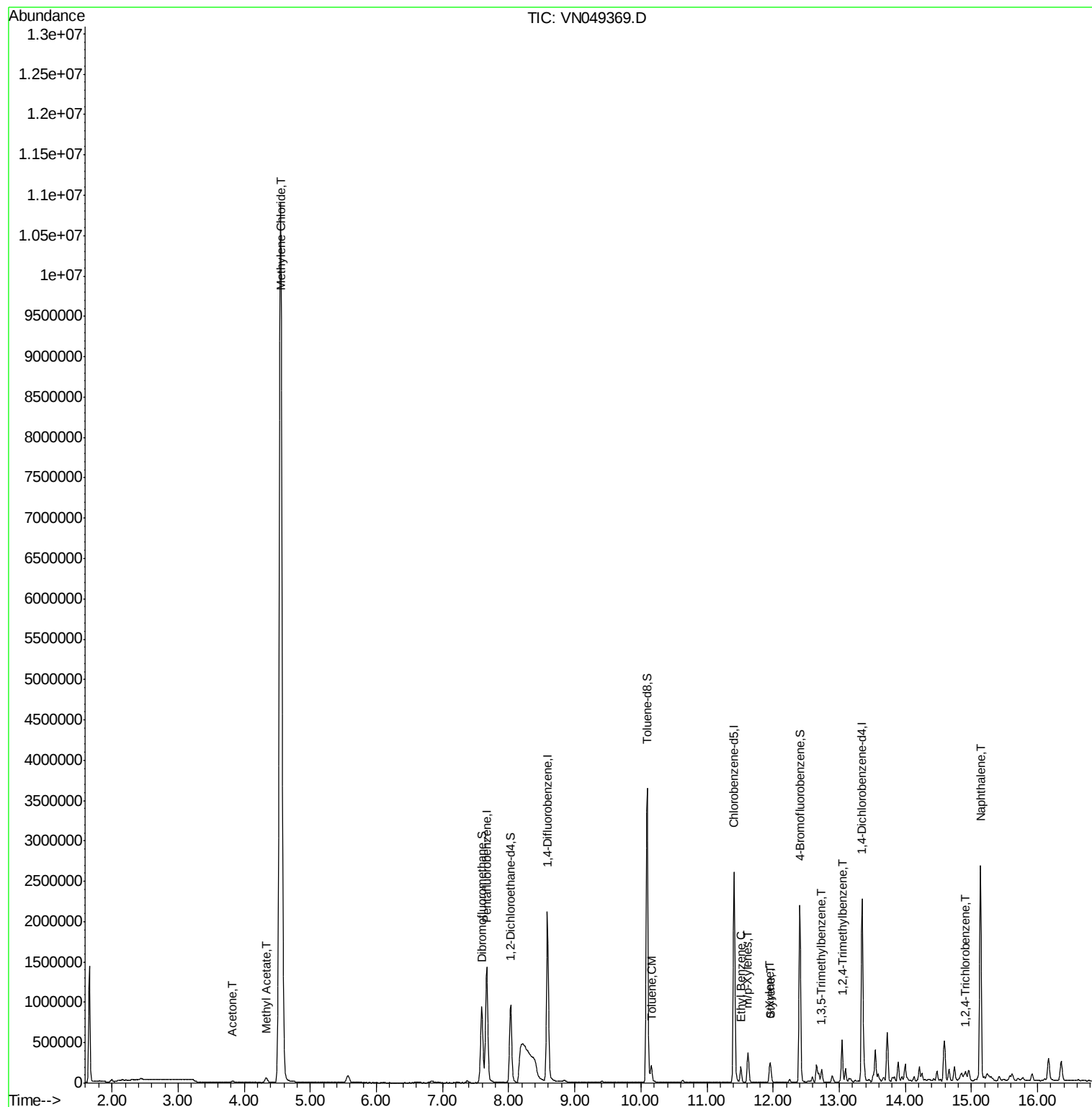
					Qvalue	
16) Acetone	3.83	43	31254	7.822	ug/l	# 85
18) Methyl Acetate	4.33	43	117270	9.625	ug/l	100
20) Methylene Chloride	4.55	84	8412715	504.113	ug/l	92
52) Toluene	10.16	92	83259	2.051	ug/l	97
67) Ethyl Benzene	11.51	91	140027	2.012	ug/l	97
68) m/p-Xylenes	11.62	106	117451	4.498	ug/l	95
69) o-Xylene	11.95	106	53812	2.139	ug/l	98
70) Styrene	11.97	104	63377	1.597	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	82325	1.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	295916	6.580	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	29500	7.116	ug/l	# 86
95) Naphthalene	15.14	128	2303285	99.728	ug/l	99

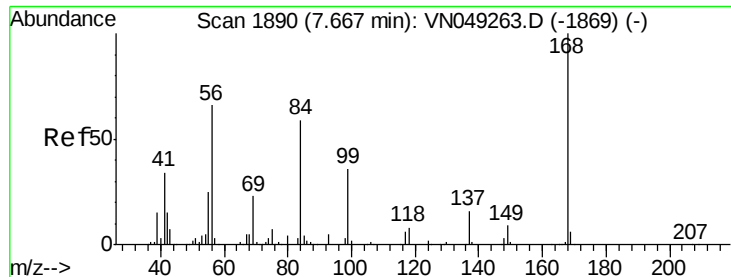
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
Data File : VN049369.D
Acq On : 19 Jun 2018 3:15
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Sample : J3567-04
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Jun 19 04:33:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

Instrument :

MSVOA_N

ClientSampleId :

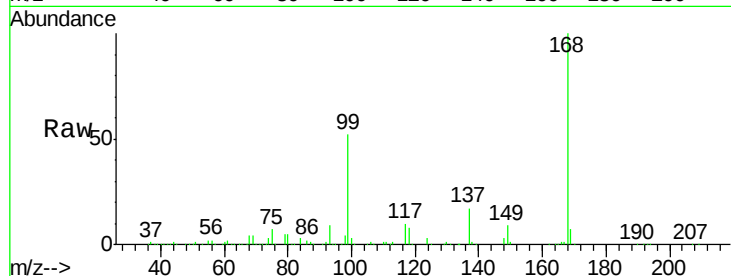
TP-5-S

Tot Ion:168 Resp: 1240754

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

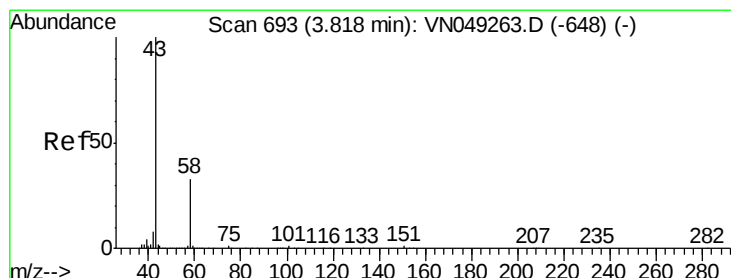
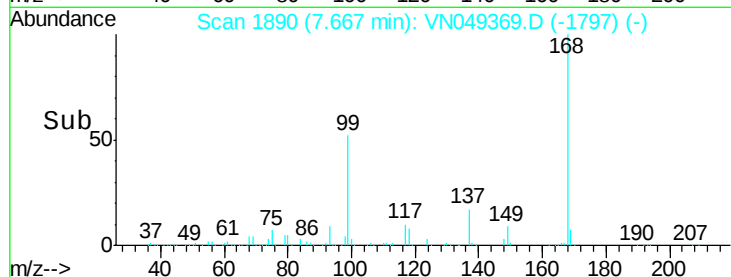
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.822 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049369.D

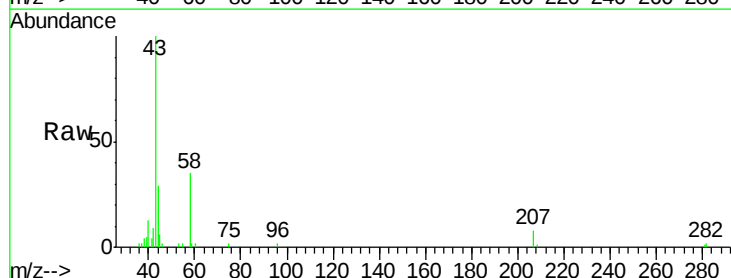
Acq: 19 Jun 2018 3:15

Tgt Ion: 43 Resp: 31254

Ion Ratio Lower Upper

43 100

58 36.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

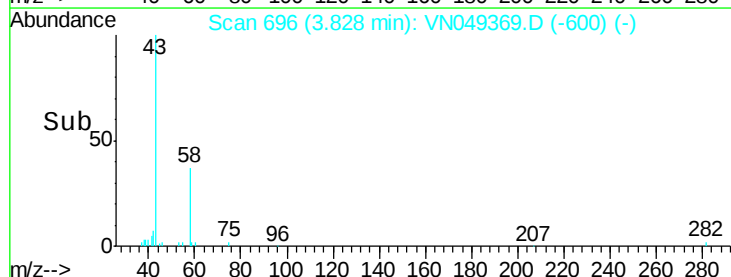
3.83

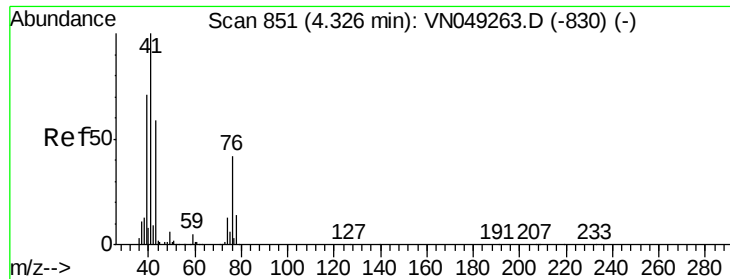
10000

5000

0

Time-->

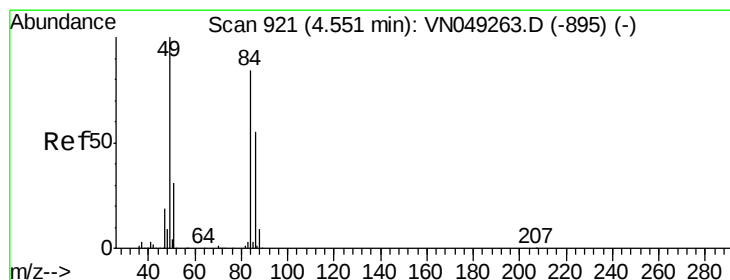
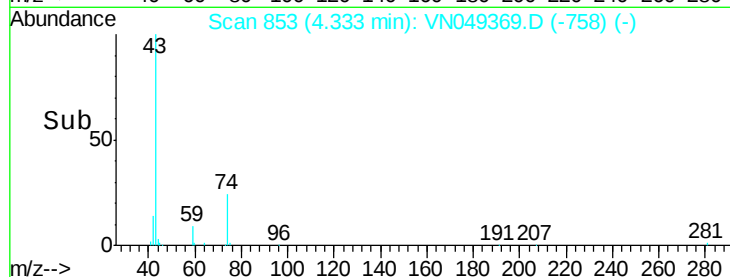
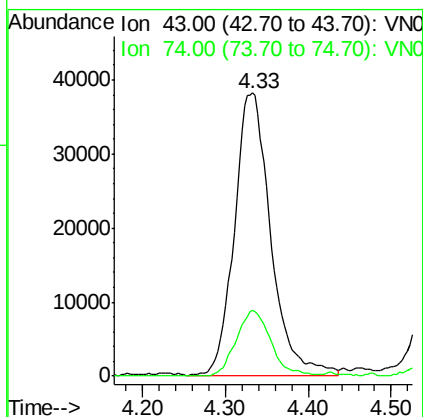
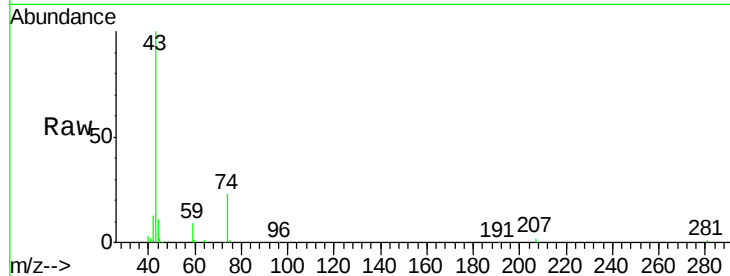




#18
Methvl Acetate
Concen: 9.625 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049369.D
Acq: 19 Jun 2018 3:15

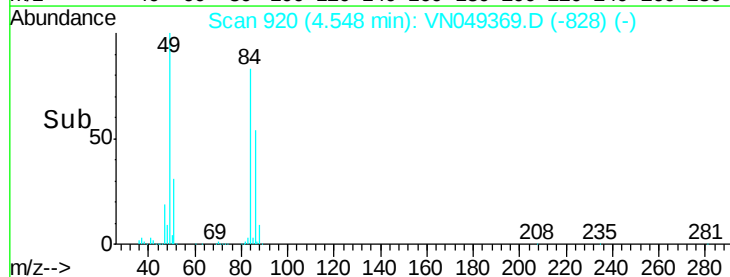
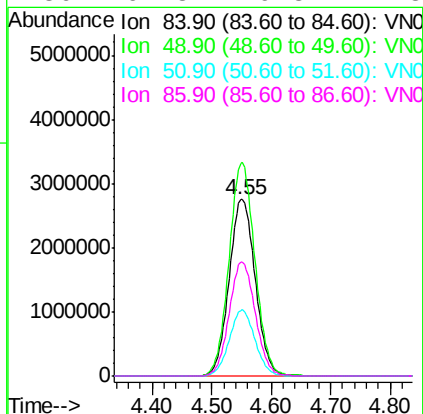
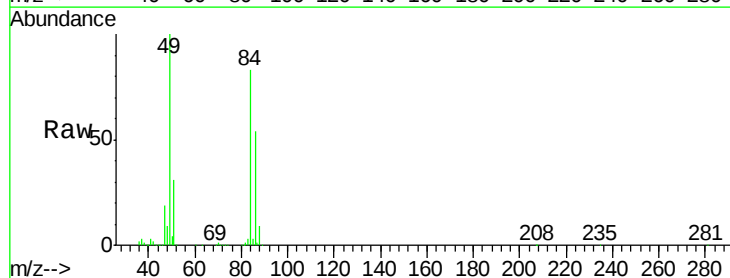
Instrument :
MSVOA_N
ClientSampleId :
TP-5-S

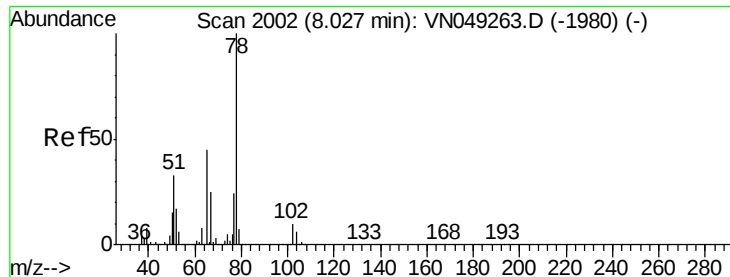
Tot Ion: 43 Resp: 117270
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 504.113 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049369.D
Acq: 19 Jun 2018 3:15

Tgt Ion: 84 Resp: 8412715
Ion Ratio Lower Upper
84 100
49 120.6 106.9 160.3
51 37.4 32.7 49.1
86 64.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.960 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

Instrument :

MSVOA_N

ClientSampleId :

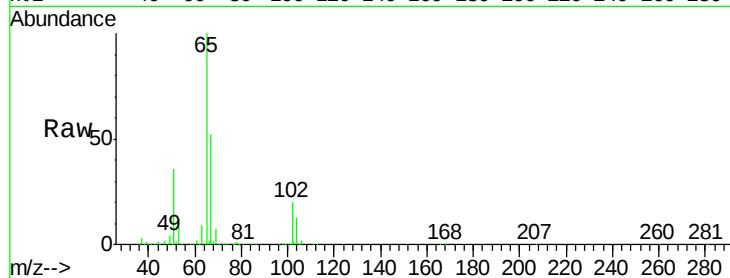
TP-5-S

Tot Ion: 65 Resp: 822165

Ion Ratio Lower Upper

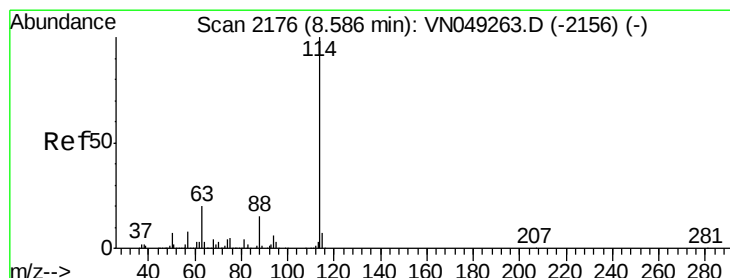
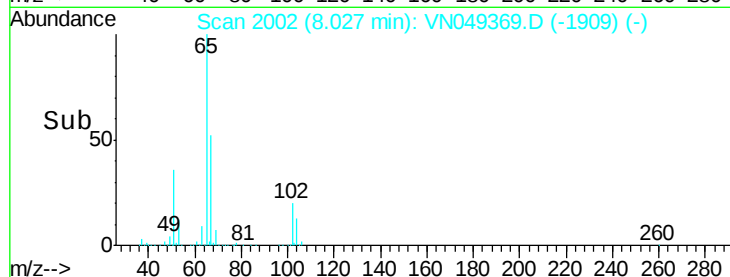
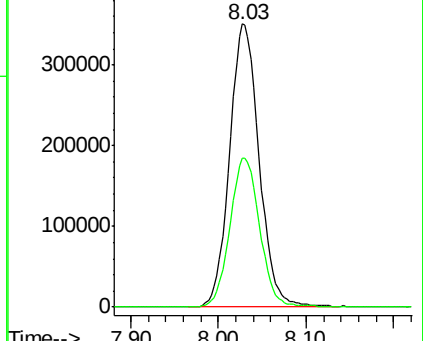
65 100

67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049369.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049369.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

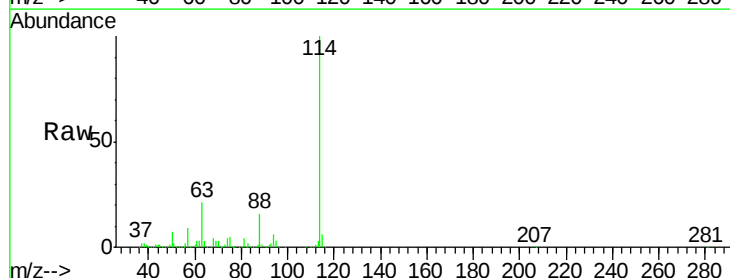
Tgt Ion: 114 Resp: 1968509

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.4

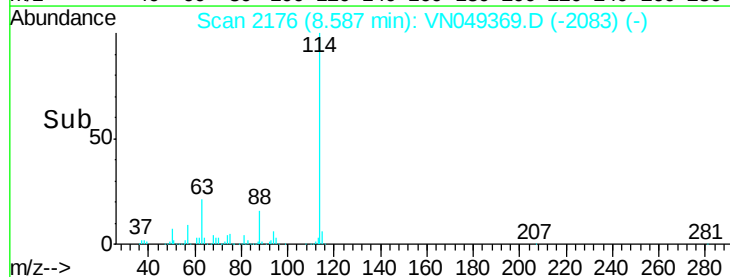
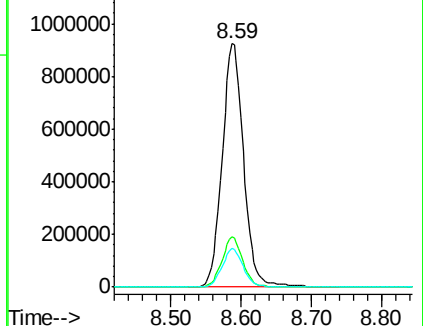
88 15.7 0.0 31.4

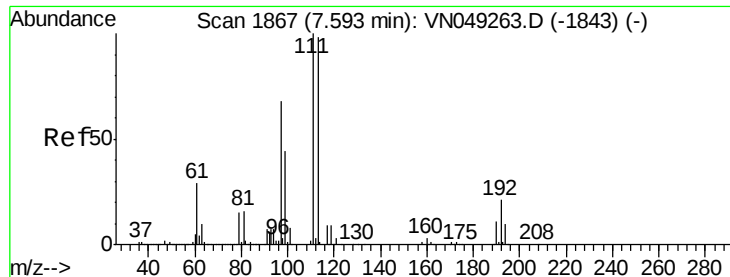


Abundance Ion 113.90 (113.60 to 114.60): VN049369.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049369.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049369.D (-2083) (-)





#35

Dibromofluoromethane

Concen: 45.642 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

Instrument :

MSVOA_N

ClientSampleId :

TP-5-S

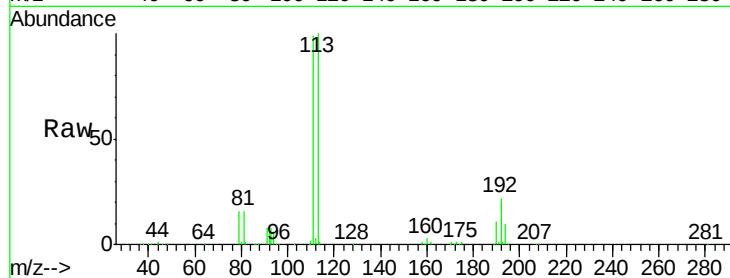
Tot Ion:113 Resp: 726898

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

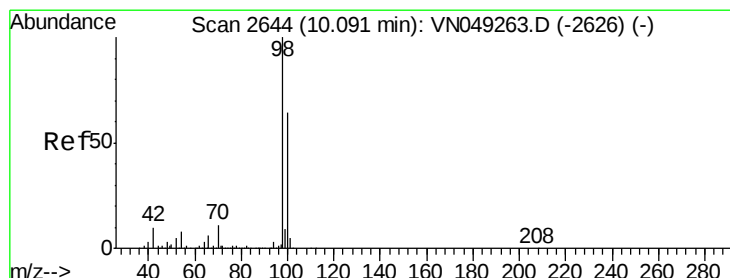
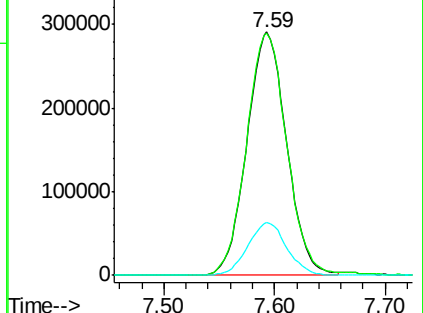
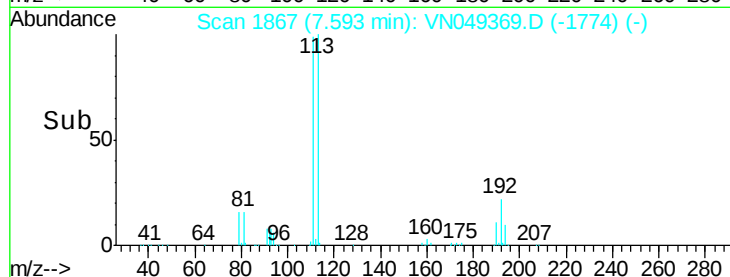
192 21.3 15.0 22.6



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



#50

Toluene-d8

Concen: 43.943 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049369.D

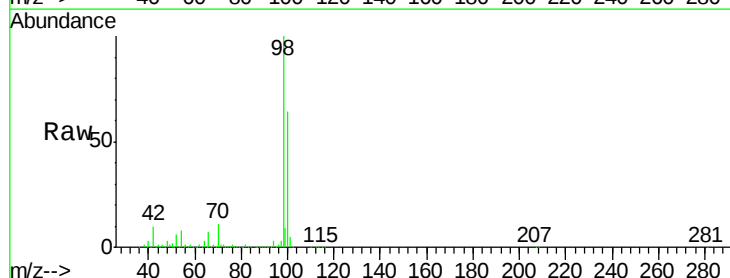
Acq: 19 Jun 2018 3:15

Tgt Ion: 98 Resp: 2664765

Ion Ratio Lower Upper

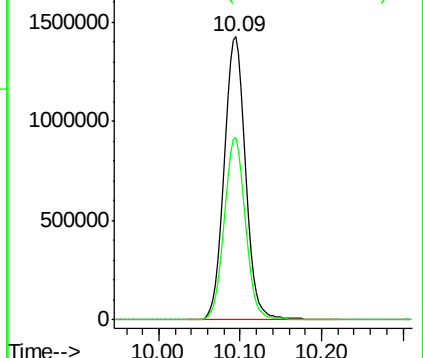
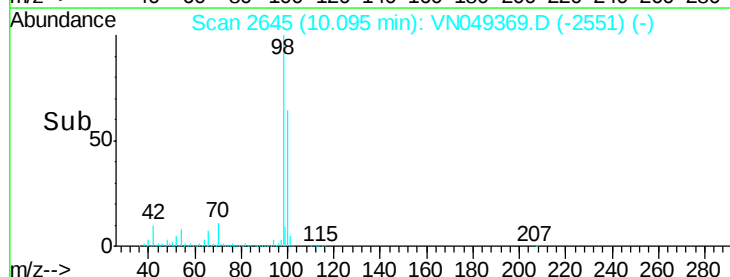
98 100

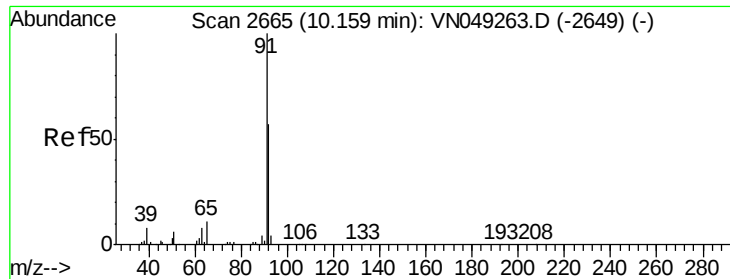
100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 2.051 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

Instrument :

MSVOA_N

ClientSampled :

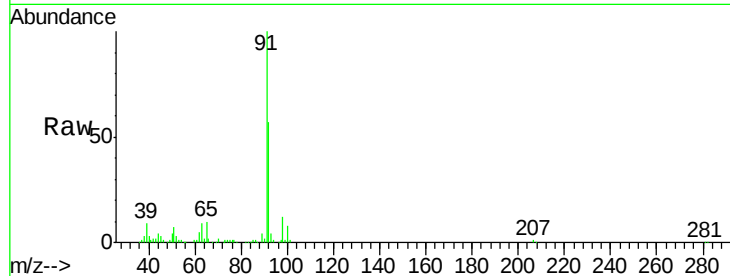
TP-5-S

Tot Ion: 92 Resp: 83259

Ion Ratio Lower Upper

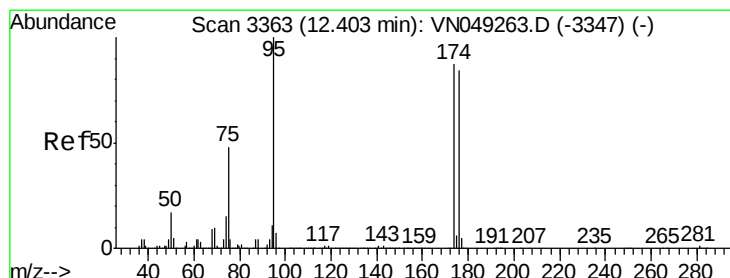
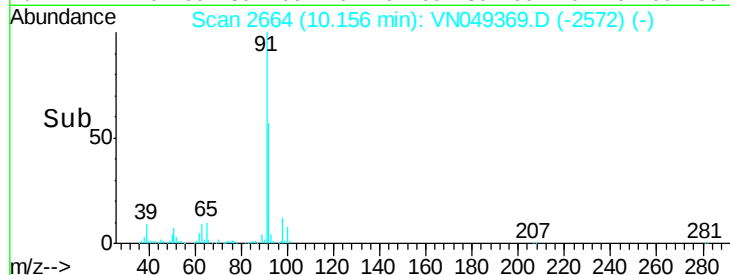
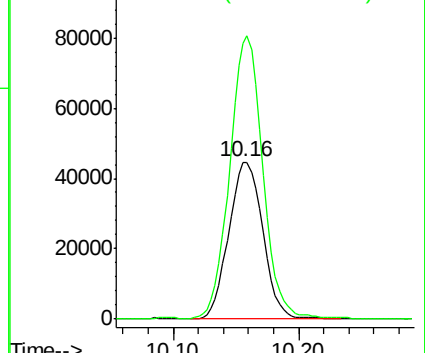
92 100

91 175.5 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 38.525 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

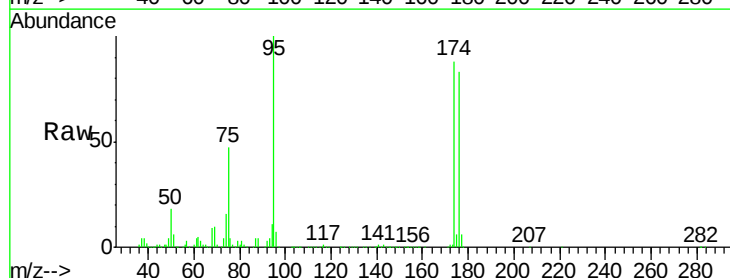
Tgt Ion: 95 Resp: 772469

Ion Ratio Lower Upper

95 100

174 88.7 0.0 165.6

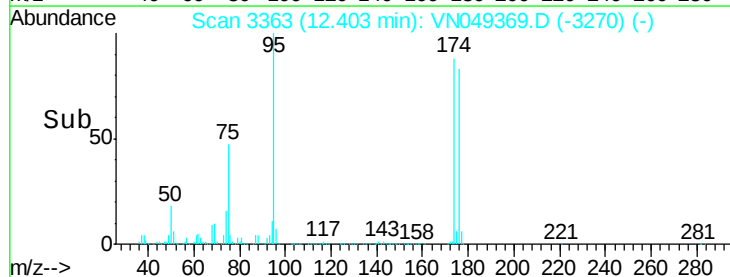
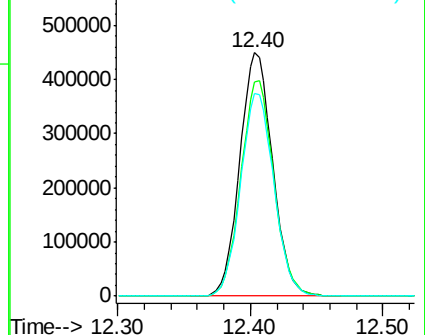
176 84.5 0.0 157.4

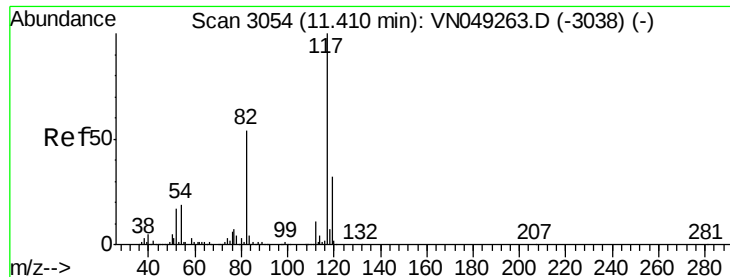


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

Instrument :

MSVOA_N

ClientSampled :

TP-5-S

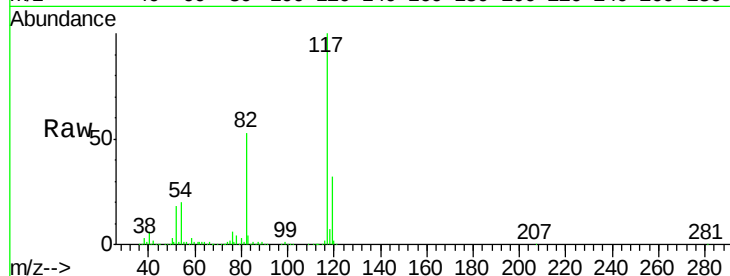
Tot Ion:117 Resp: 1628512

Ion Ratio Lower Upper

117 100

82 52.7 45.9 68.9

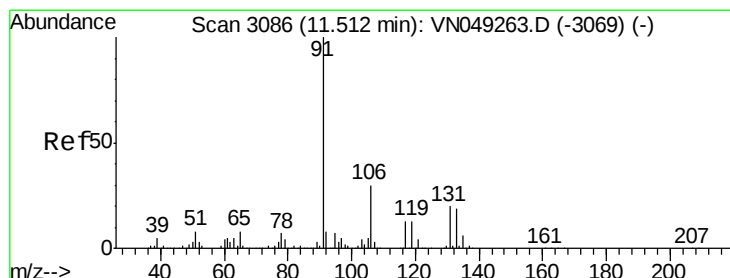
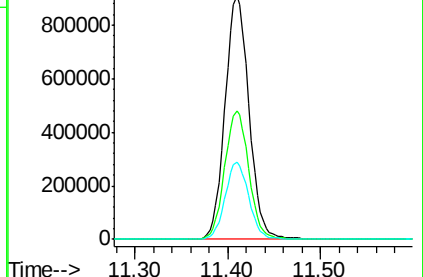
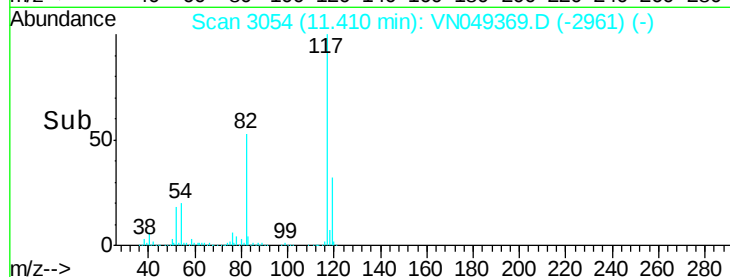
119 31.7 25.5 38.3



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



#67

Ethyl Benzene

Concen: 2.012 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049369.D

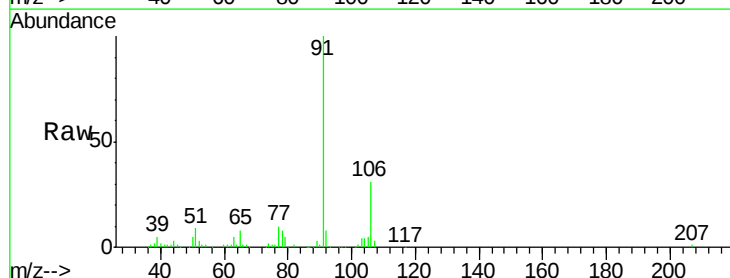
Acq: 19 Jun 2018 3:15

Tgt Ion: 91 Resp: 140027

Ion Ratio Lower Upper

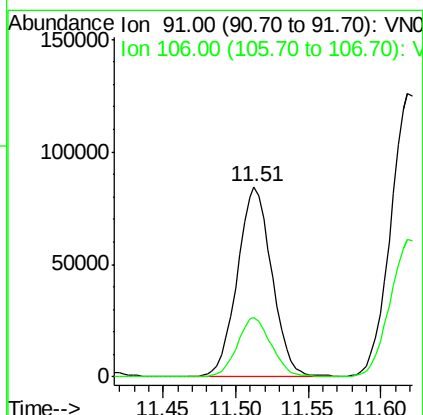
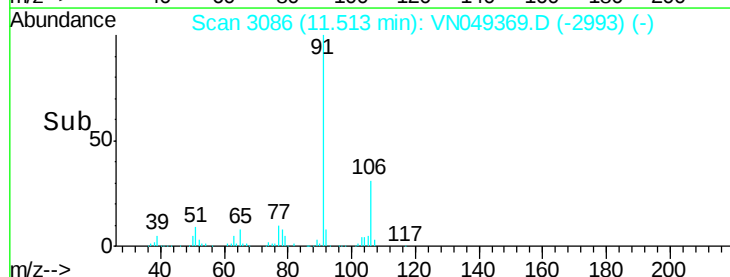
91 100

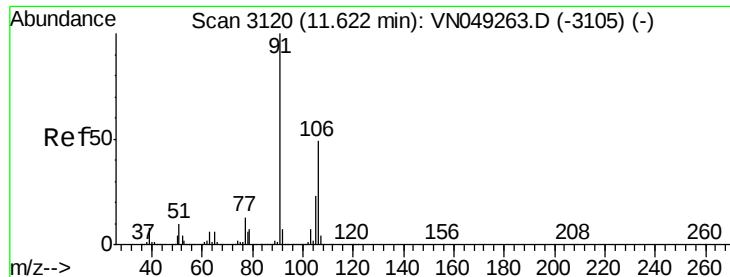
106 31.5 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

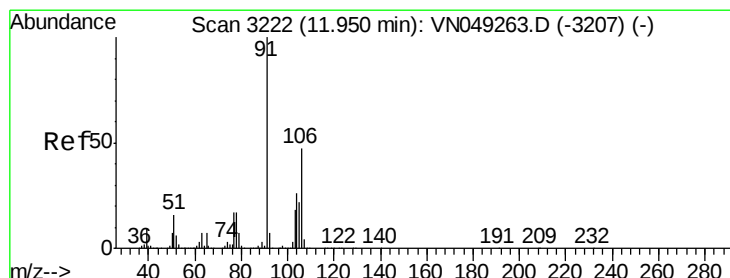
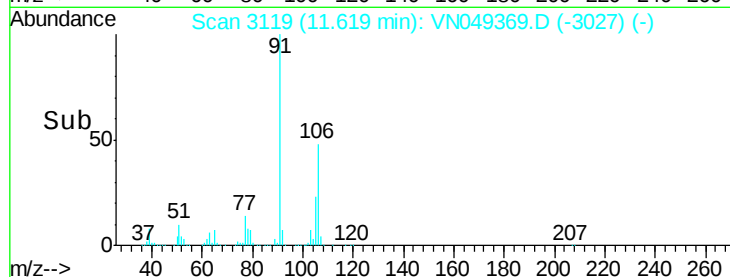
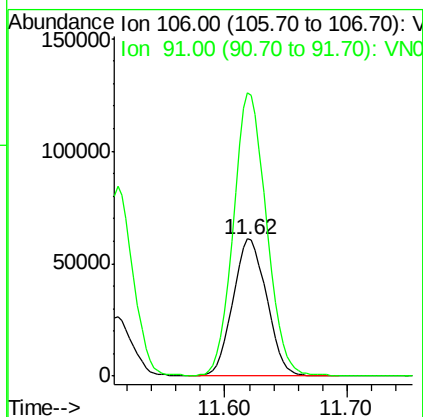
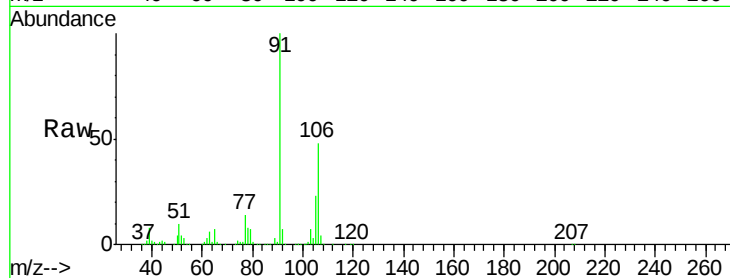




#68
m/p-Xylenes
Concen: 4.498 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049369.D
Acq: 19 Jun 2018 3:15

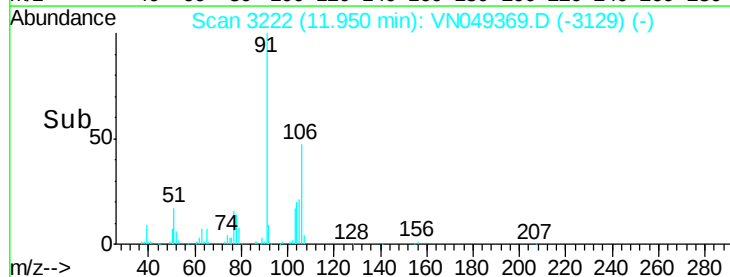
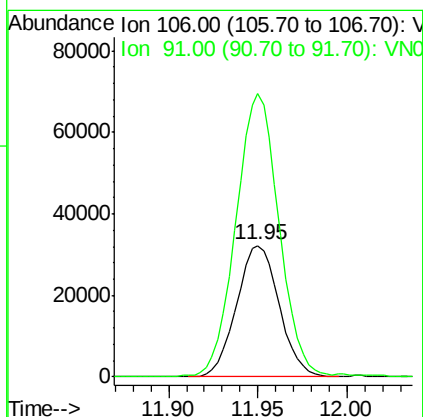
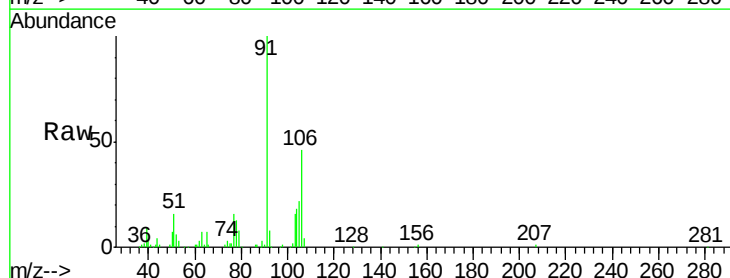
Instrument :
MSVOA_N
ClientSampled :
TP-5-S

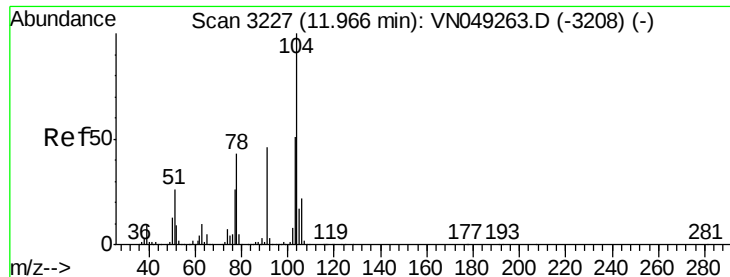
Tot Ion:106 Resp: 117451
Ion Ratio Lower Upper
106 100
91 201.1 167.3 250.9



#69
o-Xylene
Concen: 2.139 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049369.D
Acq: 19 Jun 2018 3:15

Tgt Ion:106 Resp: 53812
Ion Ratio Lower Upper
106 100
91 219.3 111.0 333.0

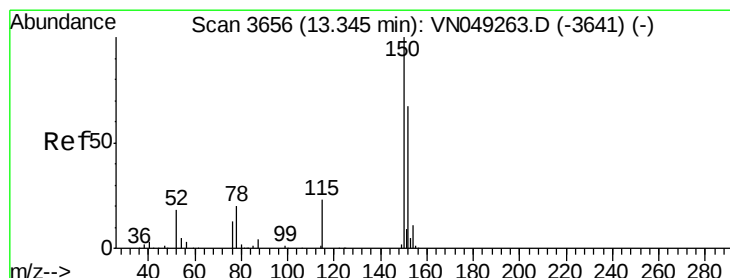
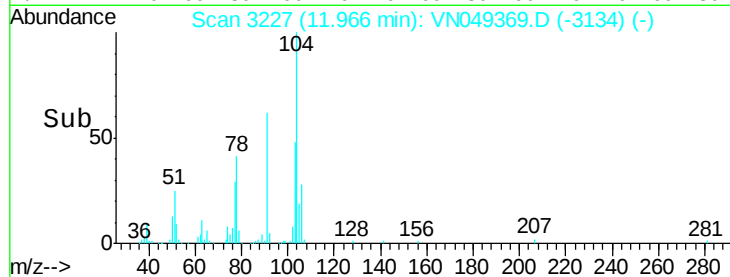
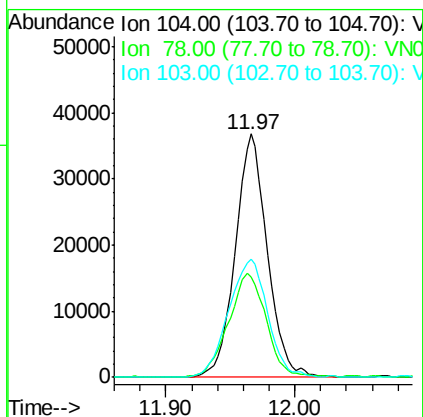
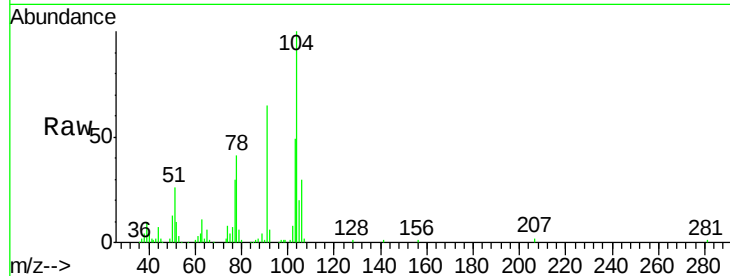




#70
Stvrene
Concen: 1.597 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049369.D
Acq: 19 Jun 2018 3:15

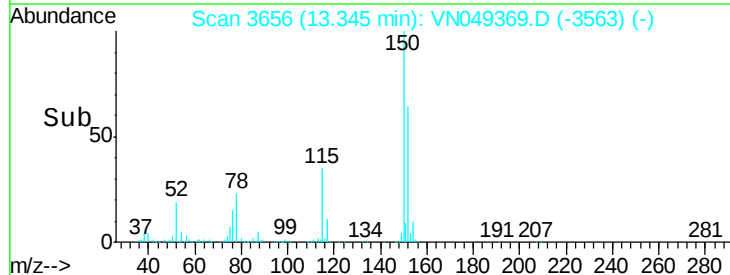
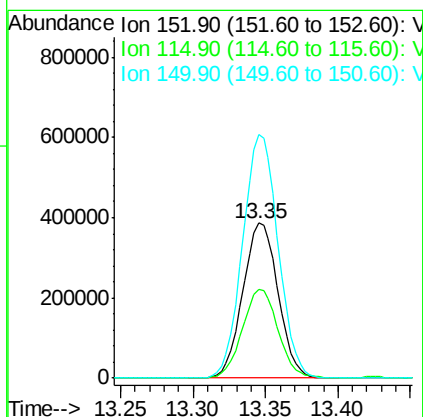
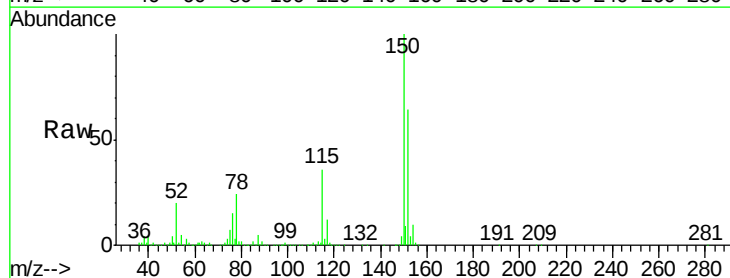
Instrument :
MSVOA_N
ClientSampled :
TP-5-S

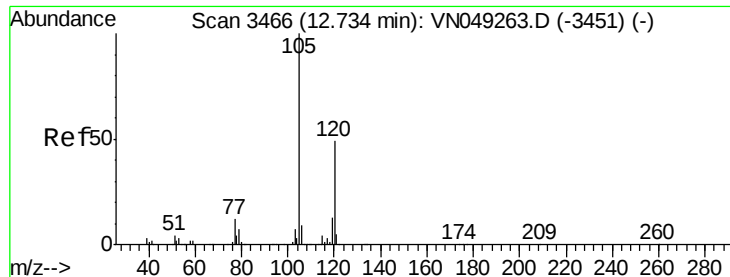
Tot Ion:104 Resp: 63377
Ion Ratio Lower Upper
104 100
78 50.4 41.6 62.4
103 59.1 45.4 68.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049369.D
Acq: 19 Jun 2018 3:15

Tgt Ion:152 Resp: 656014
Ion Ratio Lower Upper
152 100
115 57.6 28.7 86.1
150 157.5 0.0 351.0





#80

1,3,5-Trimethylbenzene

Concen: 1.818 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049369.D

Acq: 19 Jun 2018 3:15

Instrument :

MSVOA_N

ClientSampled :

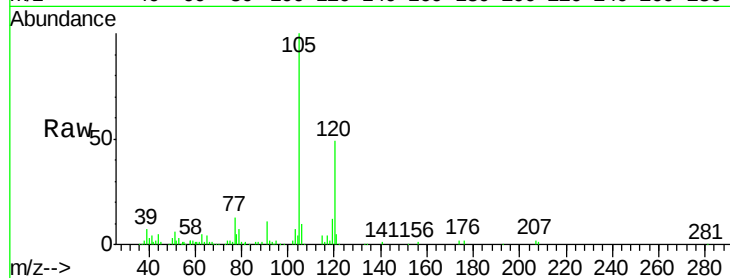
TP-5-S

Tot Ion:105 Resp: 82325

Ion Ratio Lower Upper

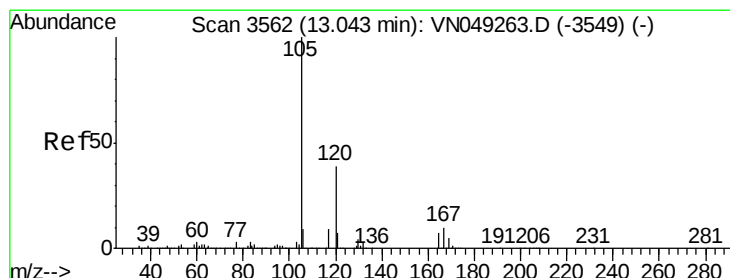
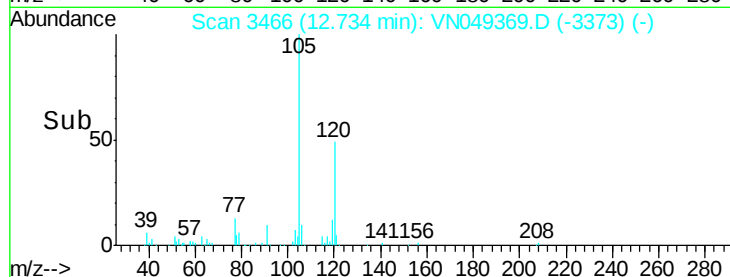
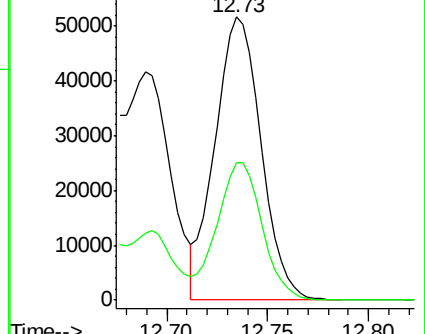
105 100

120 47.6 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.580 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049369.D

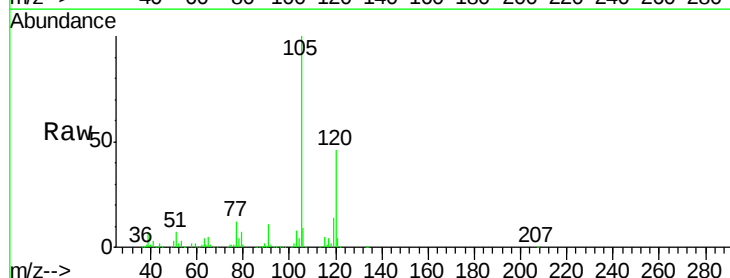
Acq: 19 Jun 2018 3:15

Tgt Ion:105 Resp: 295916

Ion Ratio Lower Upper

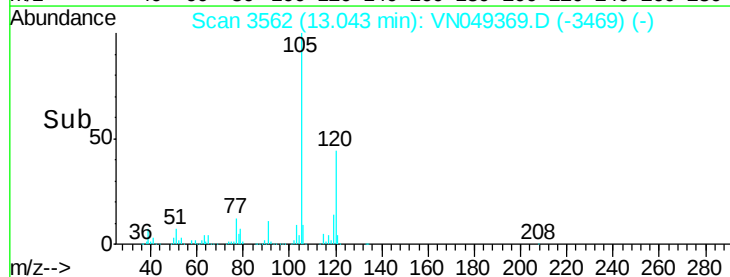
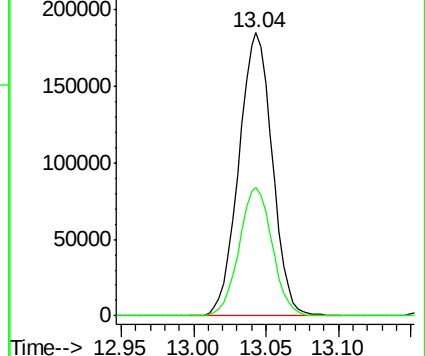
105 100

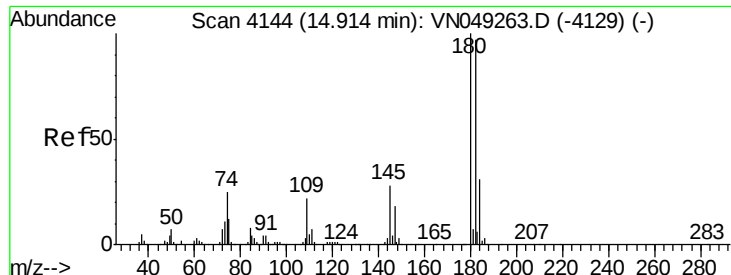
120 44.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

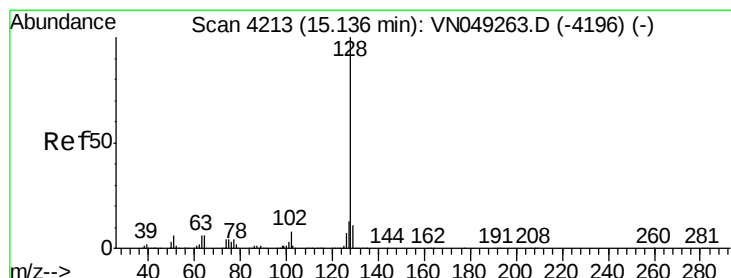
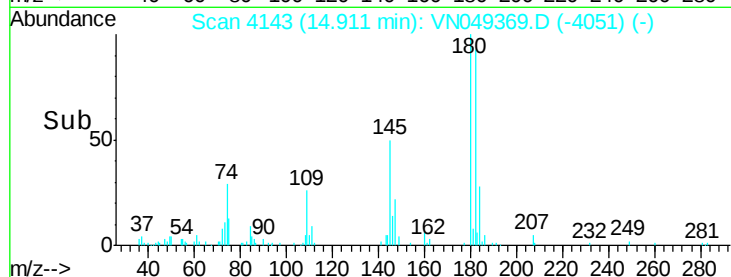
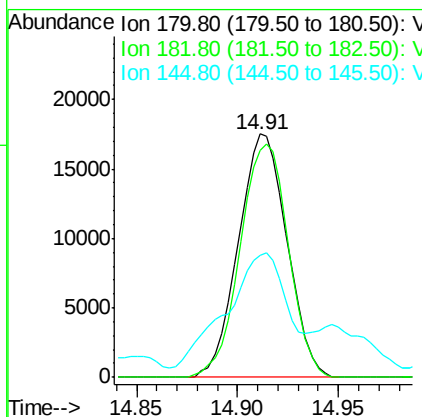
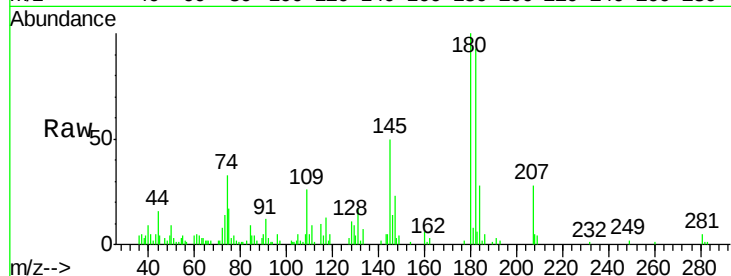




#93
 1,2,4-Trichlorobenzene
 Concen: 7.116 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049369.D
 Acq: 19 Jun 2018 3:15

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5-S

Tot Ion:180 Resp: 29500
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.8
 145 58.7 14.7 44.1#



#95
 Naphthalene
 Concen: 99.728 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049369.D
 Acq: 19 Jun 2018 3:15

Tgt Ion:128 Resp: 2303285
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 16.0
 129 10.7 8.5 12.7

