

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053347.D
 Acq On : 10 Jan 2019 17:42
 Operator : MD\SY
 Sample : K1005-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-010918-C

Quant Time: Jan 11 06:37:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1003474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1548406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1463367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	633819	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	503108	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	
35) Dibromofluoromethane	7.59	113	441590	50.10	ug/l	0.00
Spiked Amount						
			Recovery	=	100.20%	
50) Toluene-d8	10.09	98	1936541	50.93	ug/l	0.00
Spiked Amount						
			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	677610	50.90	ug/l	0.00
Spiked Amount						
			Recovery	=	101.80%	

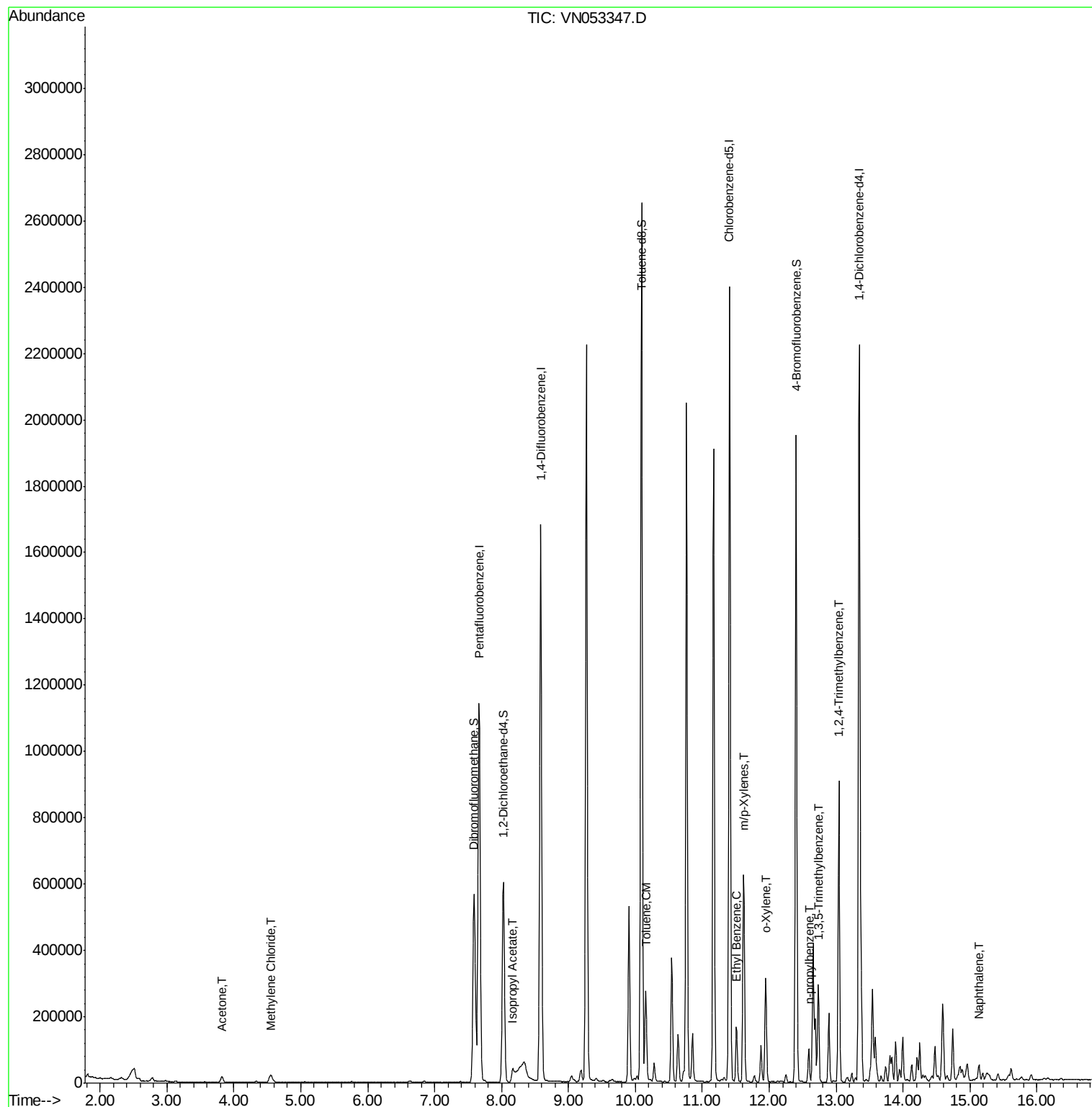
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	30675	10.063	ug/l	97
20) Methylene Chloride	4.55	84	16280	1.452	ug/l	95
43) Isopropyl Acetate	8.17	43	51282	2.769	ug/l #	78
52) Toluene	10.16	92	120292	4.441	ug/l	98
67) Ethyl Benzene	11.51	91	122869	2.275	ug/l	100
68) m/p-Xylenes	11.62	106	209935	10.335	ug/l	99
69) o-Xylene	11.95	106	89180	4.485	ug/l	99
78) n-propylbenzene	12.59	91	82536	1.546	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	165536	4.355	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	533858	13.786	ug/l	100
95) Naphthalene	15.13	128	43442	3.898	ug/l	99

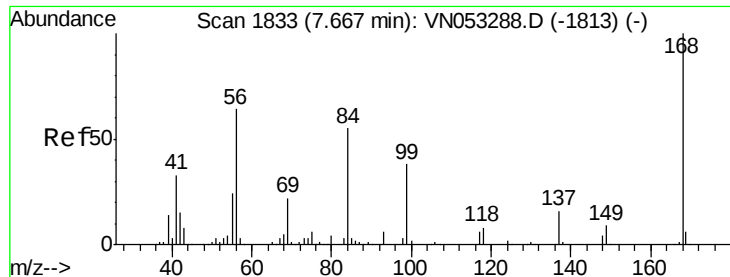
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053347.D

Acq: 10 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

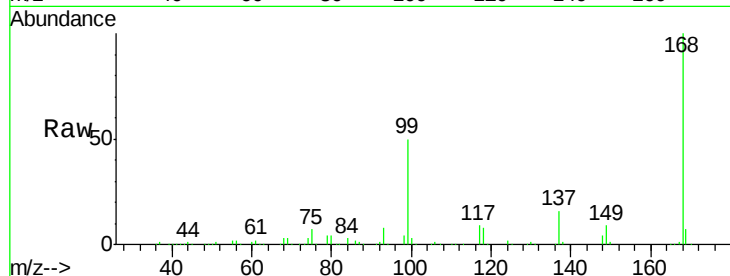
HR-06-010918-C

Tot Ion:168 Resp: 1003474

Ion Ratio Lower Upper

168 100

99 49.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

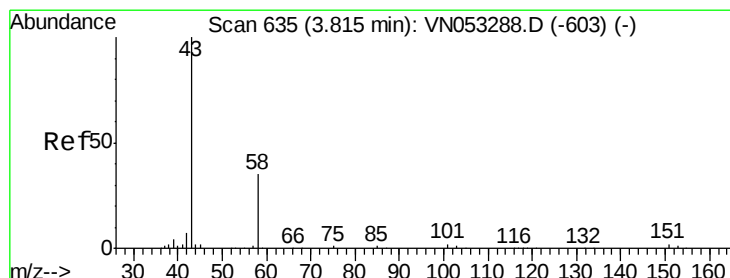
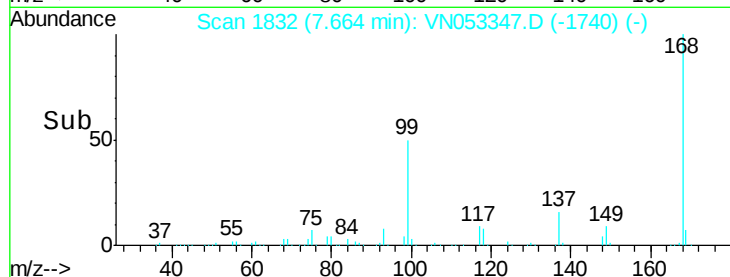
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.063 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053347.D

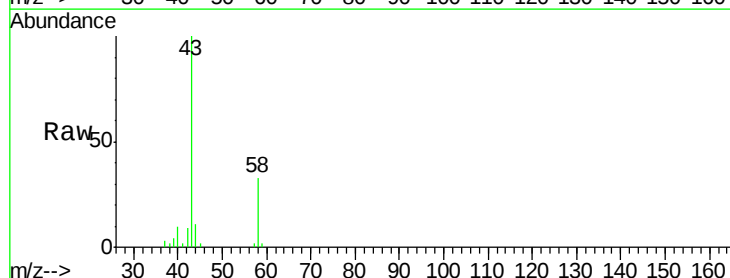
Acq: 10 Jan 2019 17:42

Tgt Ion: 43 Resp: 30675

Ion Ratio Lower Upper

43 100

58 33.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

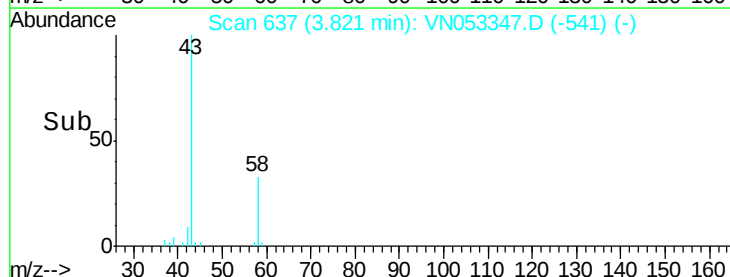
3.82

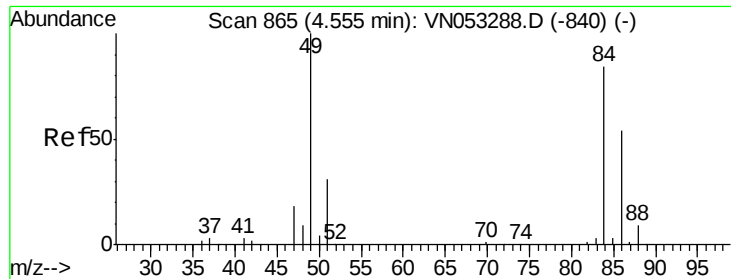
10000

5000

0

Time-->

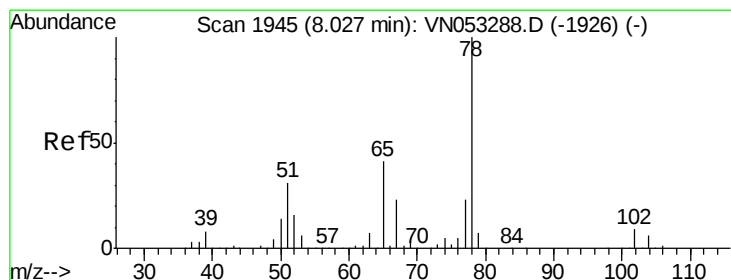
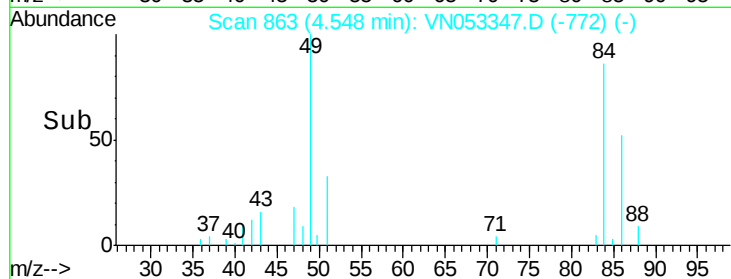
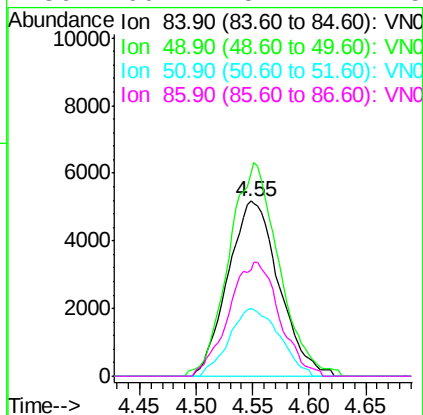
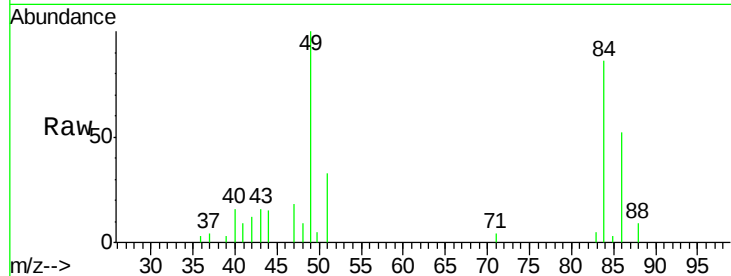




#20
Methylene Chloride
Concen: 1.452 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053347.D
Acq: 10 Jan 2019 17:42

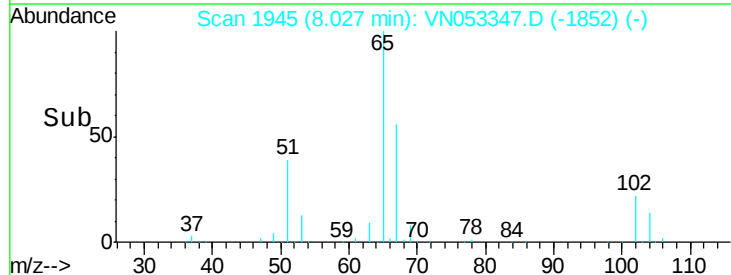
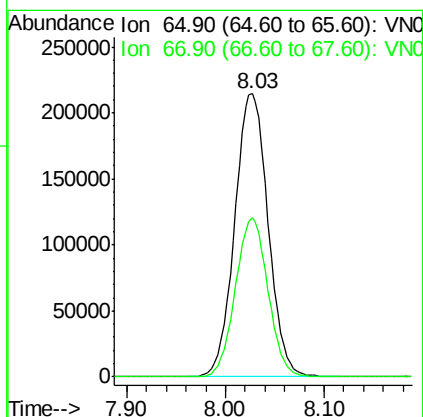
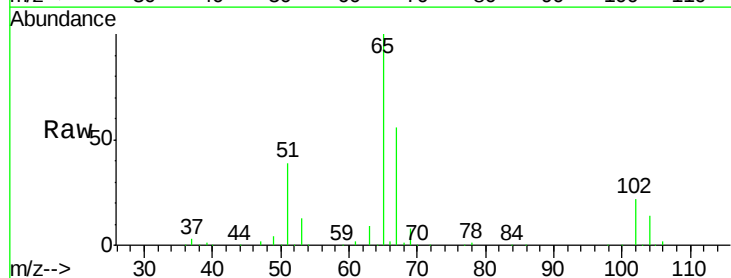
Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-C

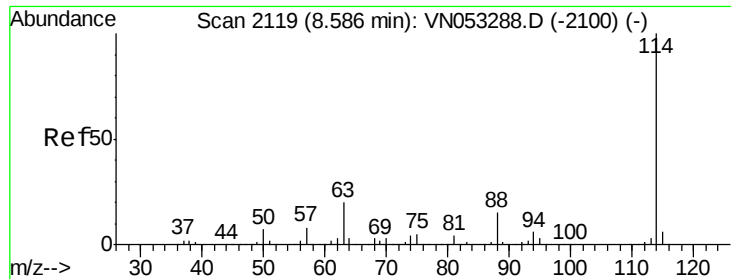
Tot Ion:	84	Resp:	16280
Ion	Ratio	Lower	Upper
84	100		
49	113.3	95.3	142.9
51	38.9	29.0	43.6
86	60.7	51.7	77.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053347.D
Acq: 10 Jan 2019 17:42

Tgt Ion:	65	Resp:	503108
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	111.0

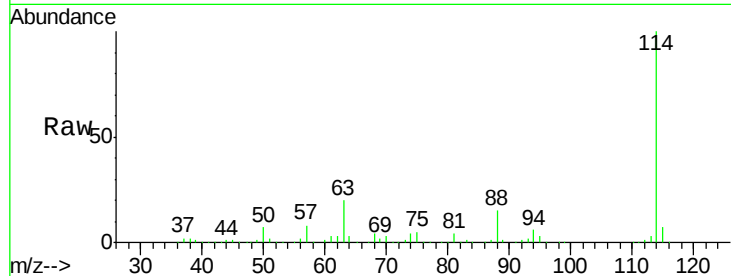




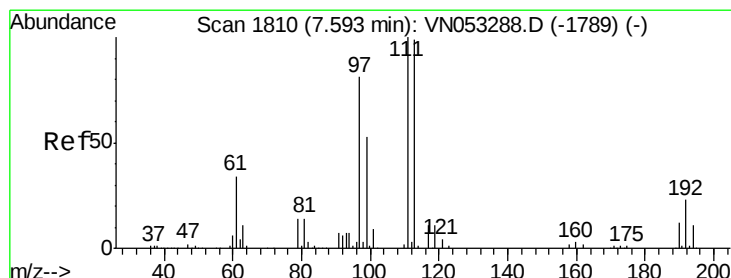
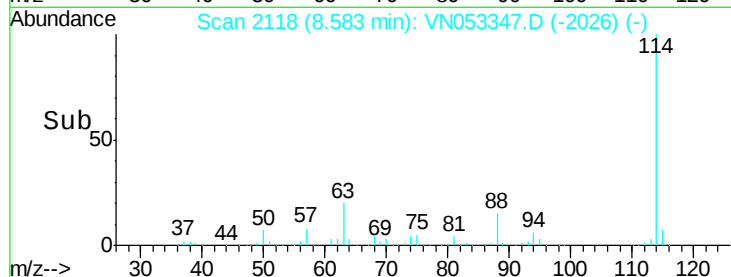
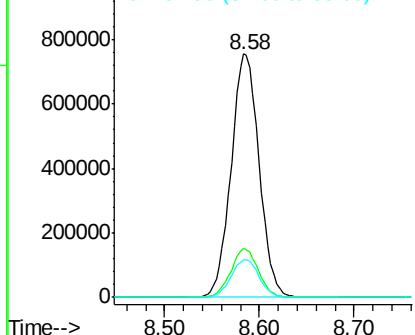
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053347.D
 Acq: 10 Jan 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-010918-C

Tot Ion:114 Resp: 1548406
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.4 0.0 30.8

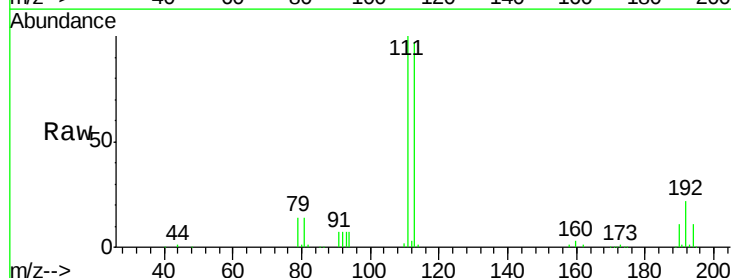


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

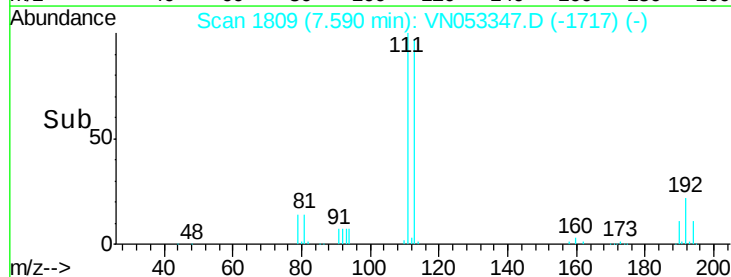
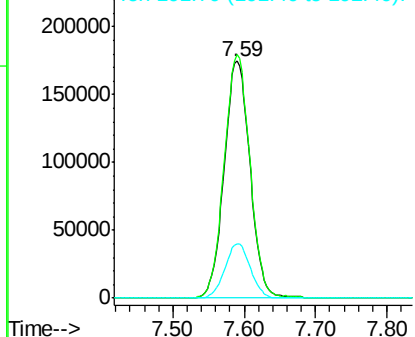


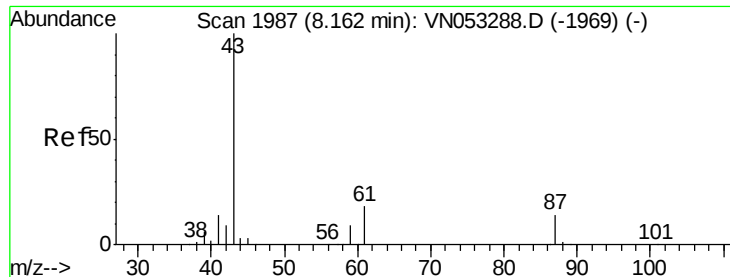
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053347.D
 Acq: 10 Jan 2019 17:42

Tgt Ion:113 Resp: 441590
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.2
 192 22.6 17.9 26.9



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: 2.769 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053347.D

Acq: 10 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-C

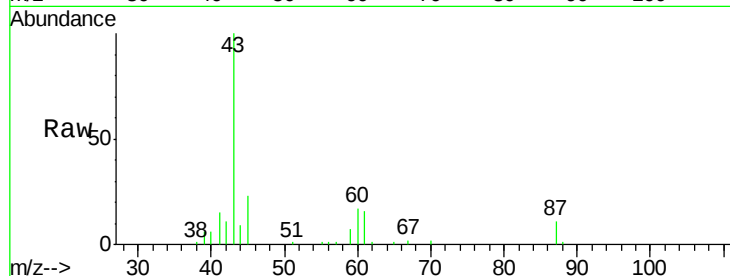
Tot Ion: 43 Resp: 51282

Ion Ratio Lower Upper

43 100

61 14.9 23.3 34.9#

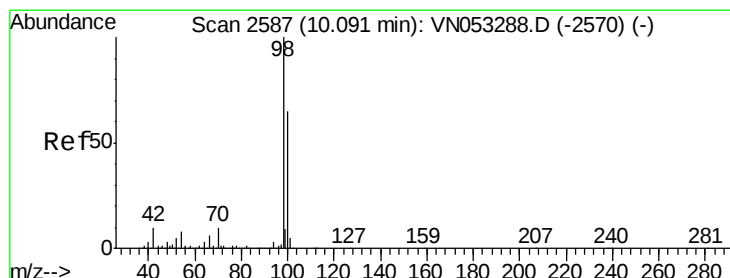
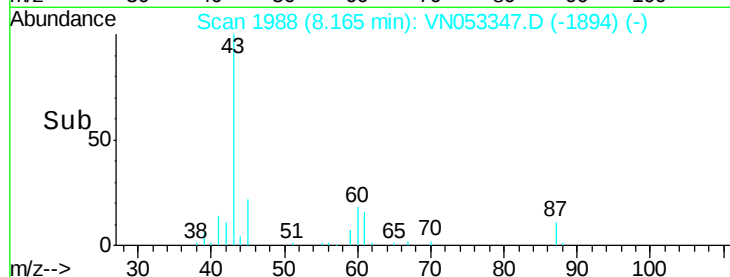
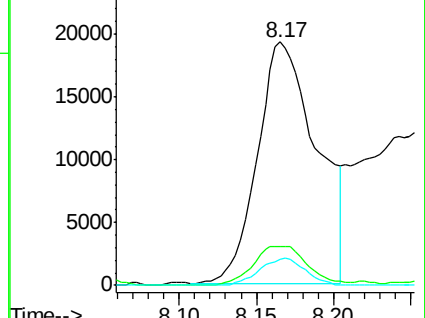
87 8.5 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053347.D

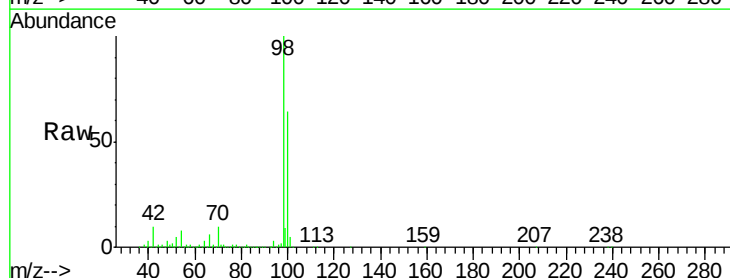
Acq: 10 Jan 2019 17:42

Tgt Ion: 98 Resp: 1936541

Ion Ratio Lower Upper

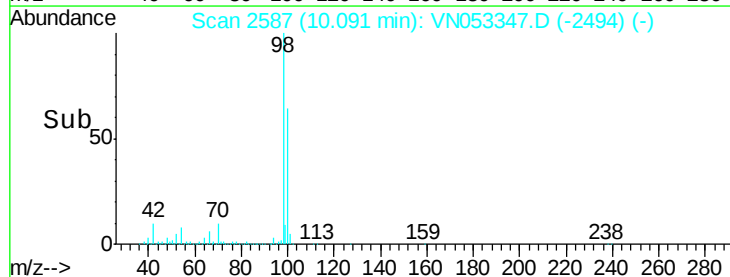
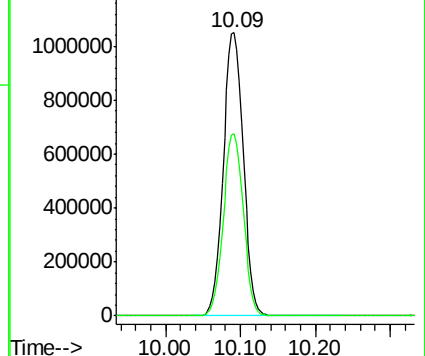
98 100

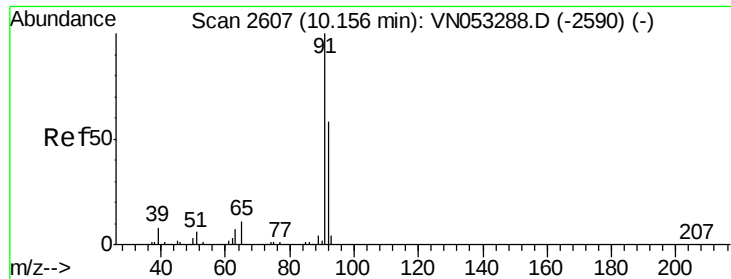
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)





#52

Toluene

Concen: 4.441 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053347.D

Acq: 10 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

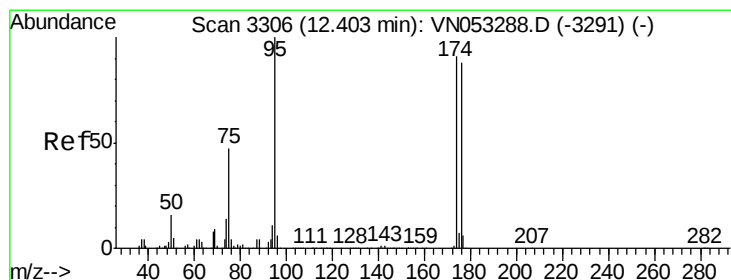
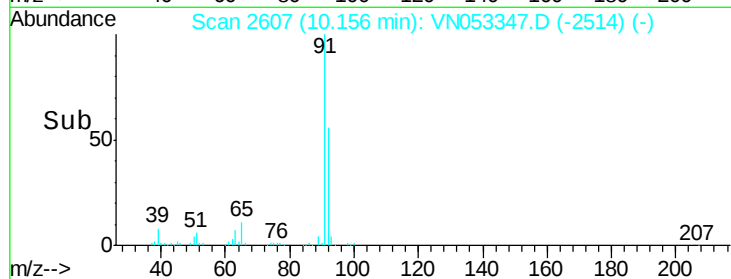
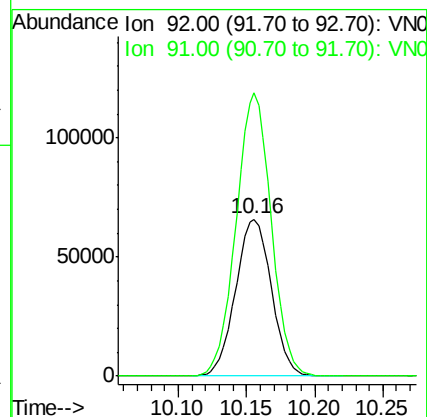
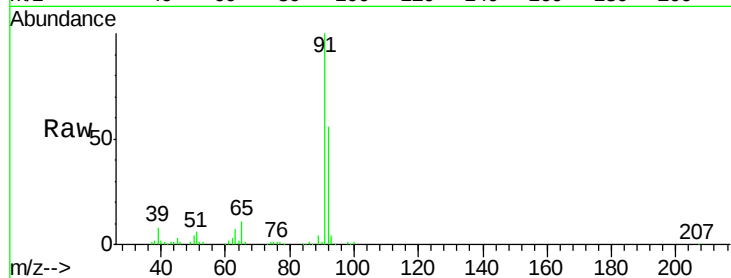
HR-06-010918-C

Tot Ion: 92 Resp: 120292

Ion Ratio Lower Upper

92 100

91 176.4 138.6 208.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053347.D

Acq: 10 Jan 2019 17:42

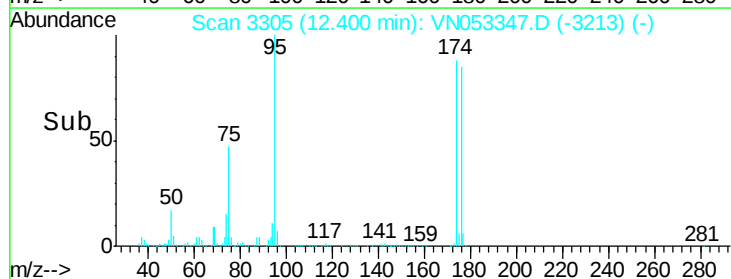
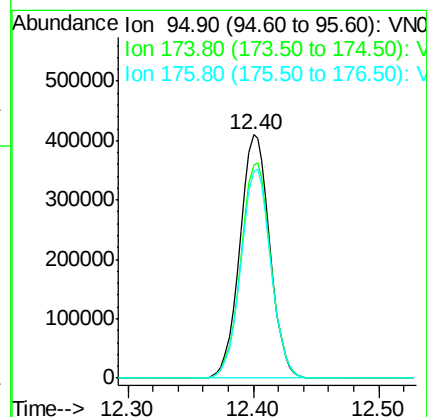
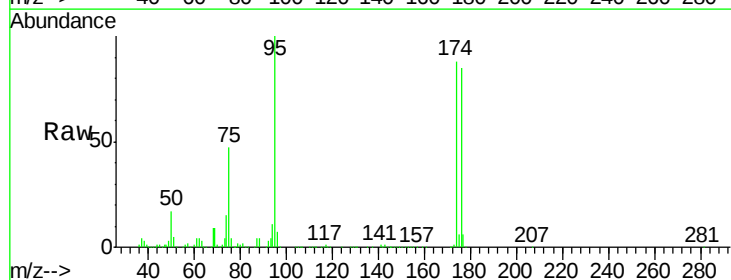
Tgt Ion: 95 Resp: 677610

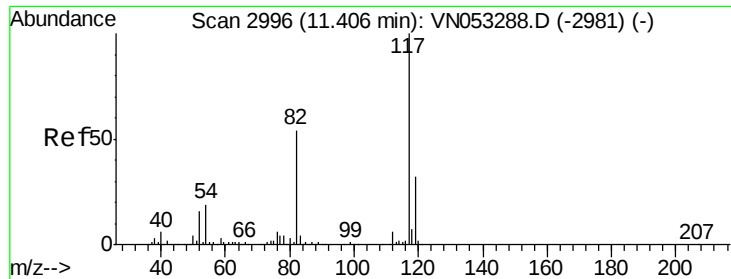
Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.4

176 85.9 0.0 175.6

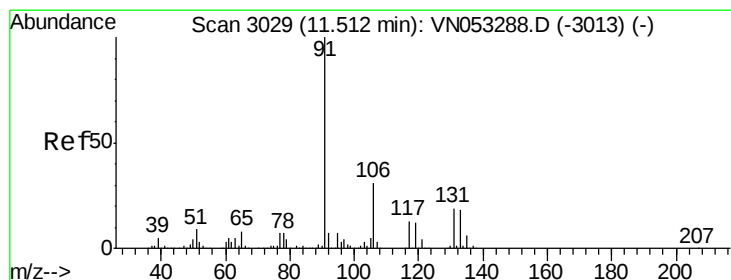
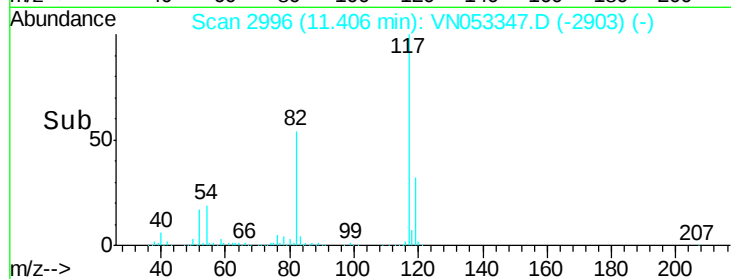
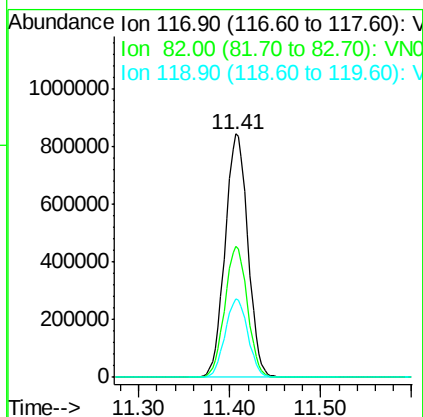
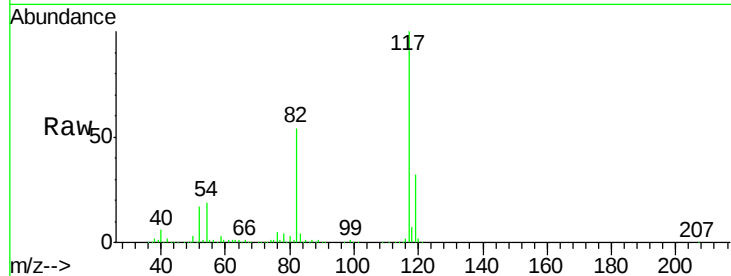




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053347.D
Acq: 10 Jan 2019 17:42

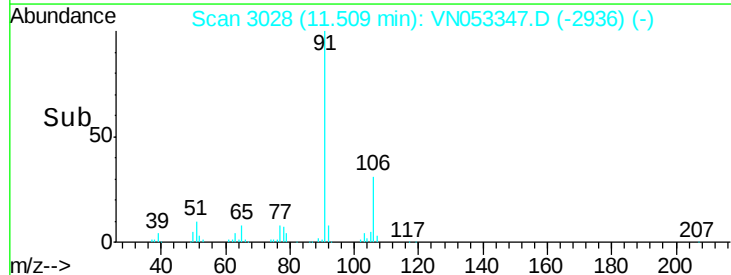
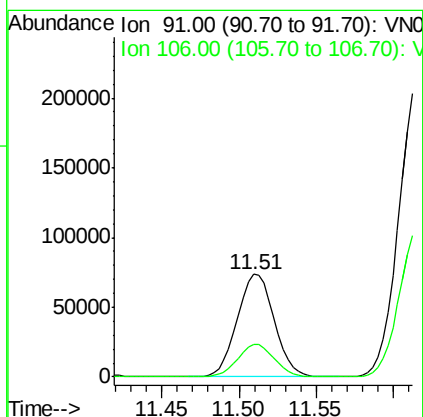
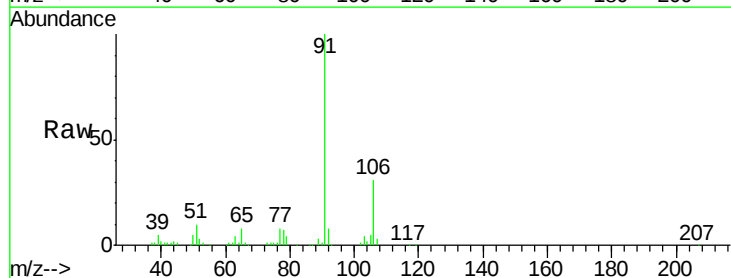
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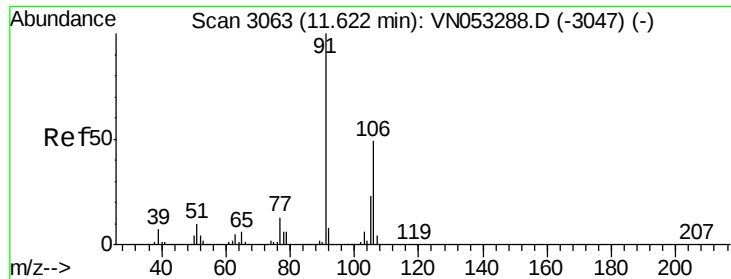
Tot Ion:117 Resp: 1463367
Ion Ratio Lower Upper
117 100
82 53.8 42.9 64.3
119 32.1 25.6 38.4



#67
Ethyl Benzene
Concen: 2.275 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053347.D
Acq: 10 Jan 2019 17:42

Tgt Ion: 91 Resp: 122869
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

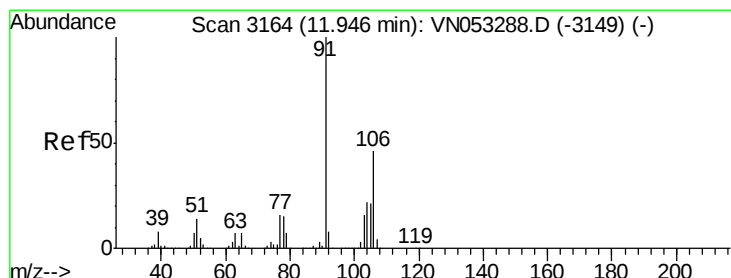
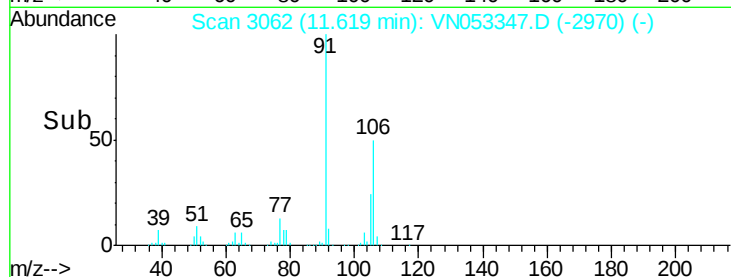
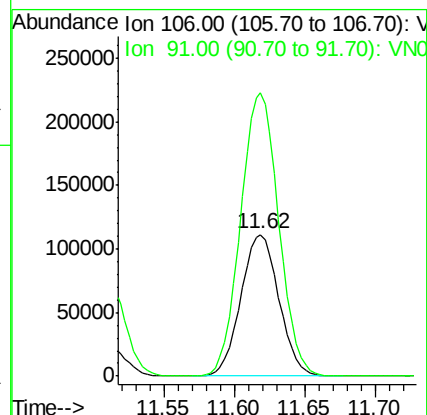
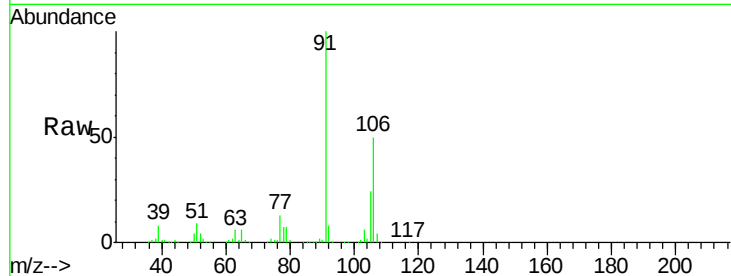




#68
m/p-Xylenes
Concen: 10.335 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053347.D
Acq: 10 Jan 2019 17:42

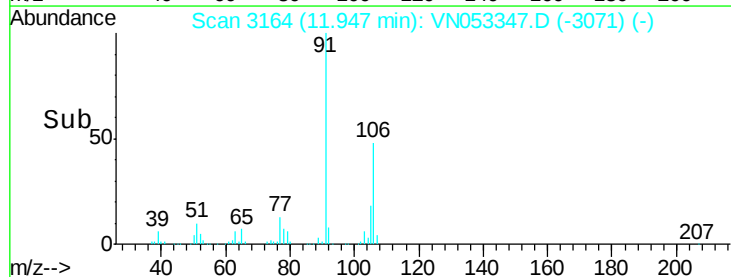
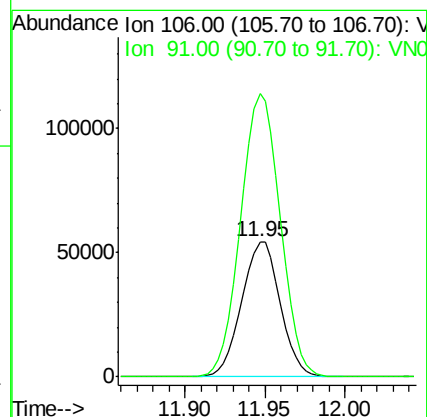
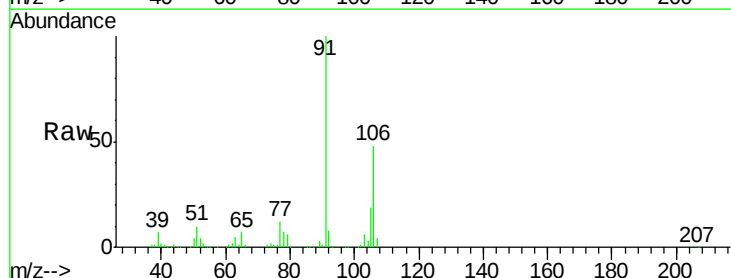
Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-C

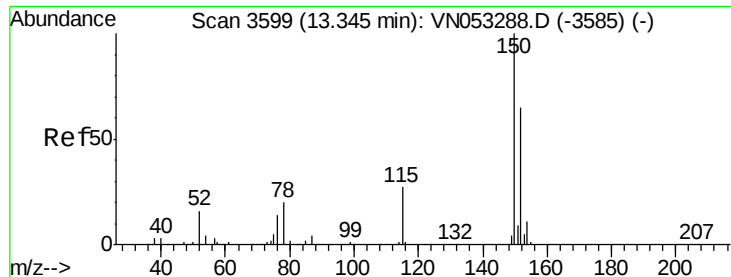
Tot Ion:106 Resp: 209935
Ion Ratio Lower Upper
106 100
91 200.5 161.4 242.2



#69
o-Xylene
Concen: 4.485 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053347.D
Acq: 10 Jan 2019 17:42

Tgt Ion:106 Resp: 89180
Ion Ratio Lower Upper
106 100
91 215.5 106.8 320.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053347.D

Acq: 10 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-C

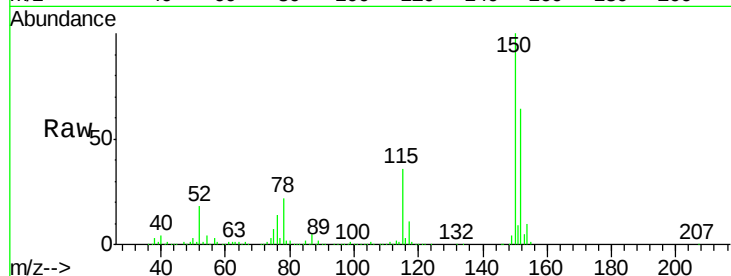
Tot Ion:152 Resp: 633819

Ion Ratio Lower Upper

152 100

115 57.5 28.0 84.0

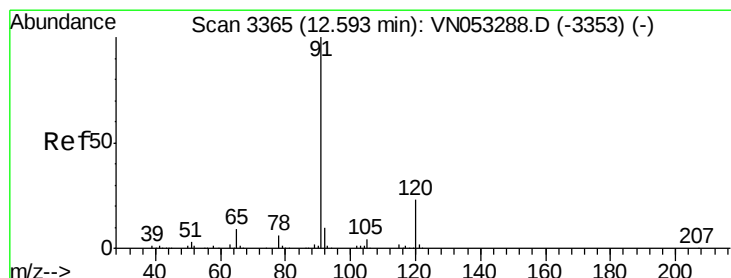
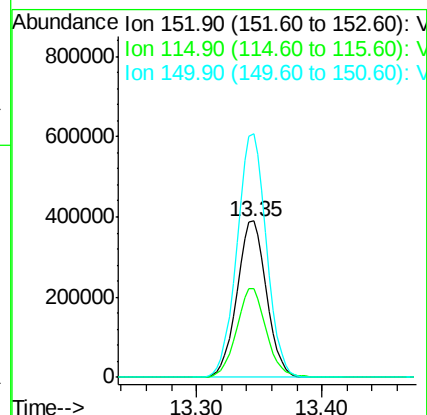
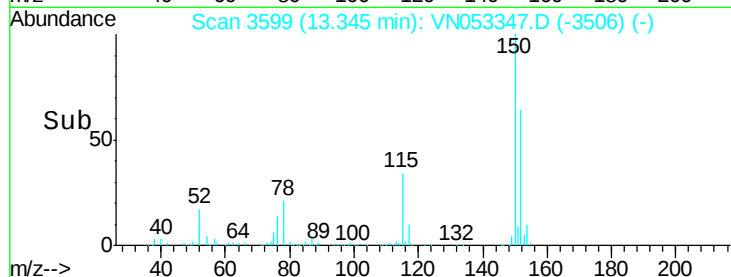
150 155.6 0.0 346.6



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



#78

n-propylbenzene

Concen: 1.546 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053347.D

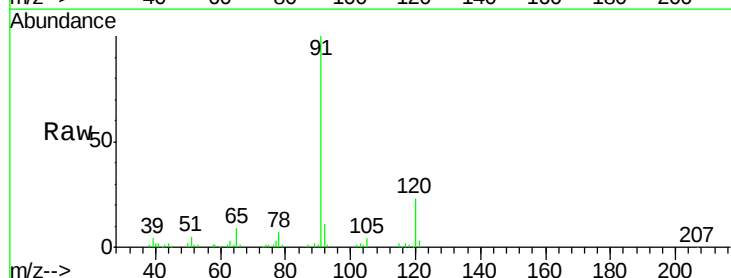
Acq: 10 Jan 2019 17:42

Tgt Ion: 91 Resp: 82536

Ion Ratio Lower Upper

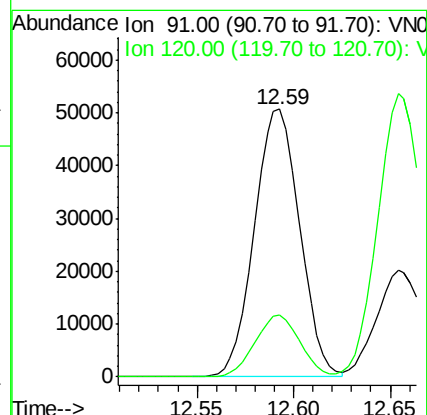
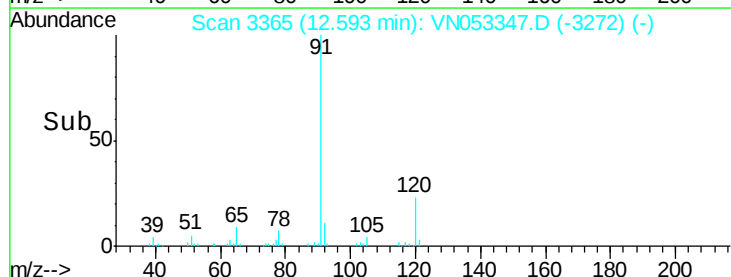
91 100

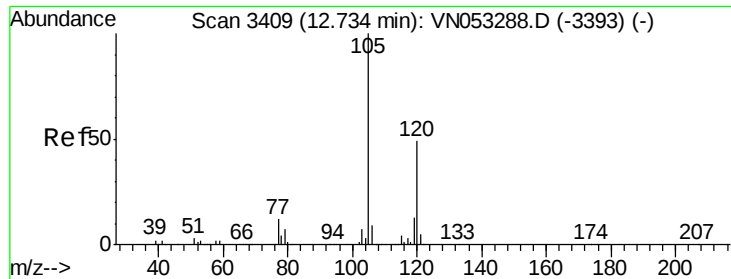
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

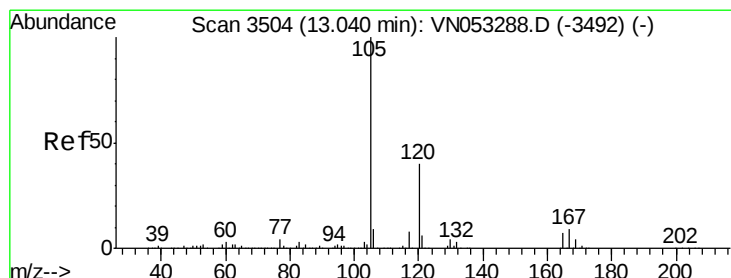
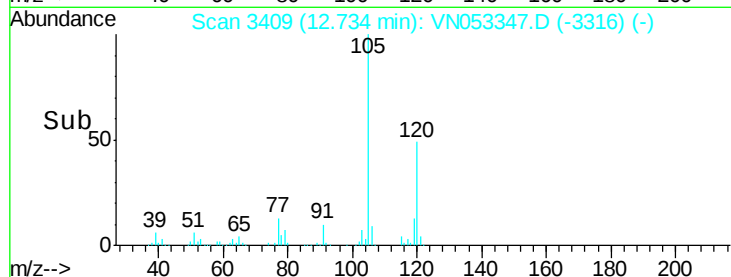
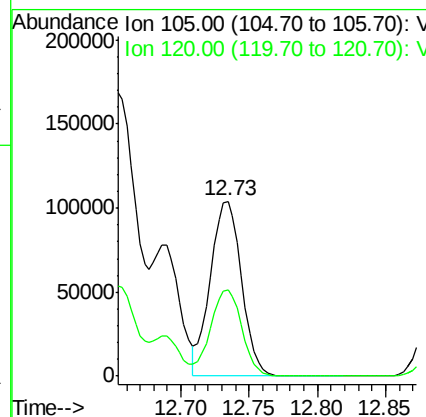
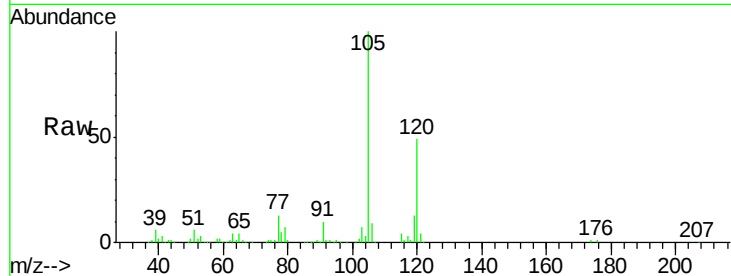




#80
 1,3,5-Trimethylbenzene
 Concen: 4.355 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053347.D
 Acq: 10 Jan 2019 17:42

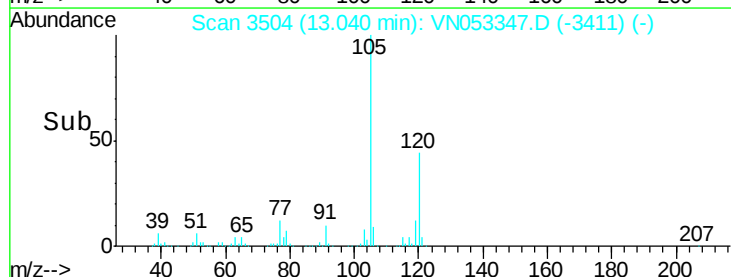
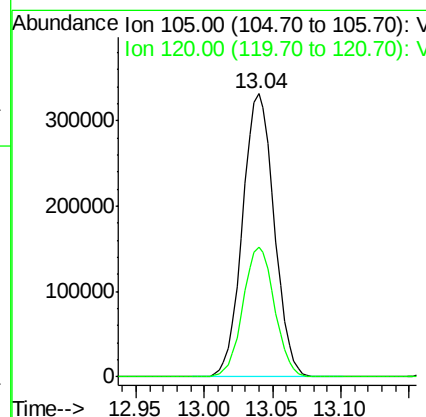
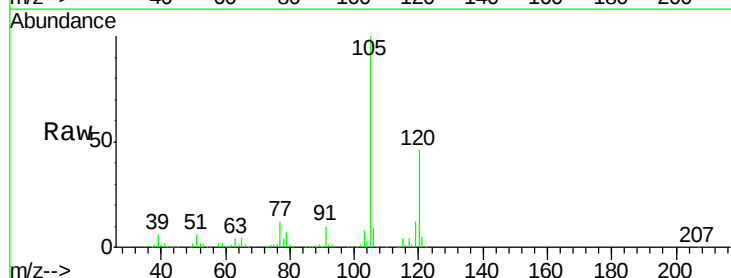
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-010918-C

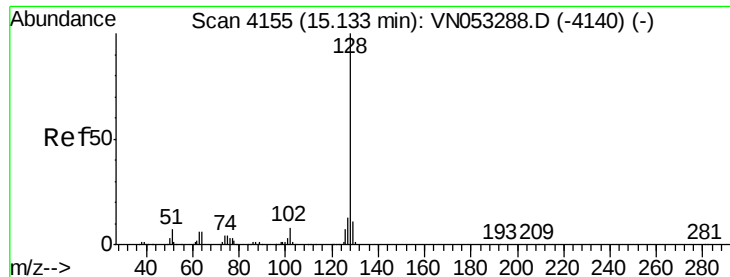
Tot Ion:105 Resp: 165536
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 13.786 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053347.D
 Acq: 10 Jan 2019 17:42

Tgt Ion:105 Resp: 533858
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0





#95

Naphthalene

Concen: 3.898 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053347.D

Acq: 10 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-C

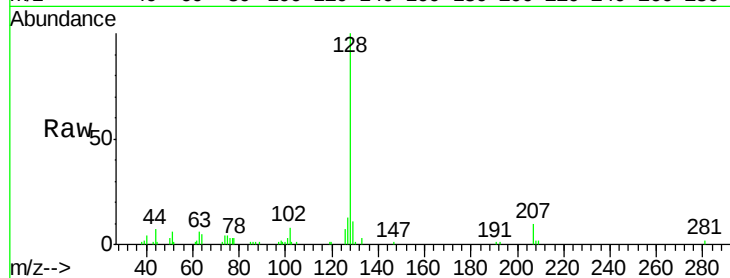
Tot Ion:128 Resp: 43442

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 11.4 8.7 13.1



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

