

Data File : VN055389.D
Acq On : 3 May 2019 14:57
Operator : JC/SP
Sample : K2635-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-B

Quant Time: May 04 00:26:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	451648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	765460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	699602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	303127	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	7.59	113	249607	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.09	98	938997	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	313258	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	

Target Compounds

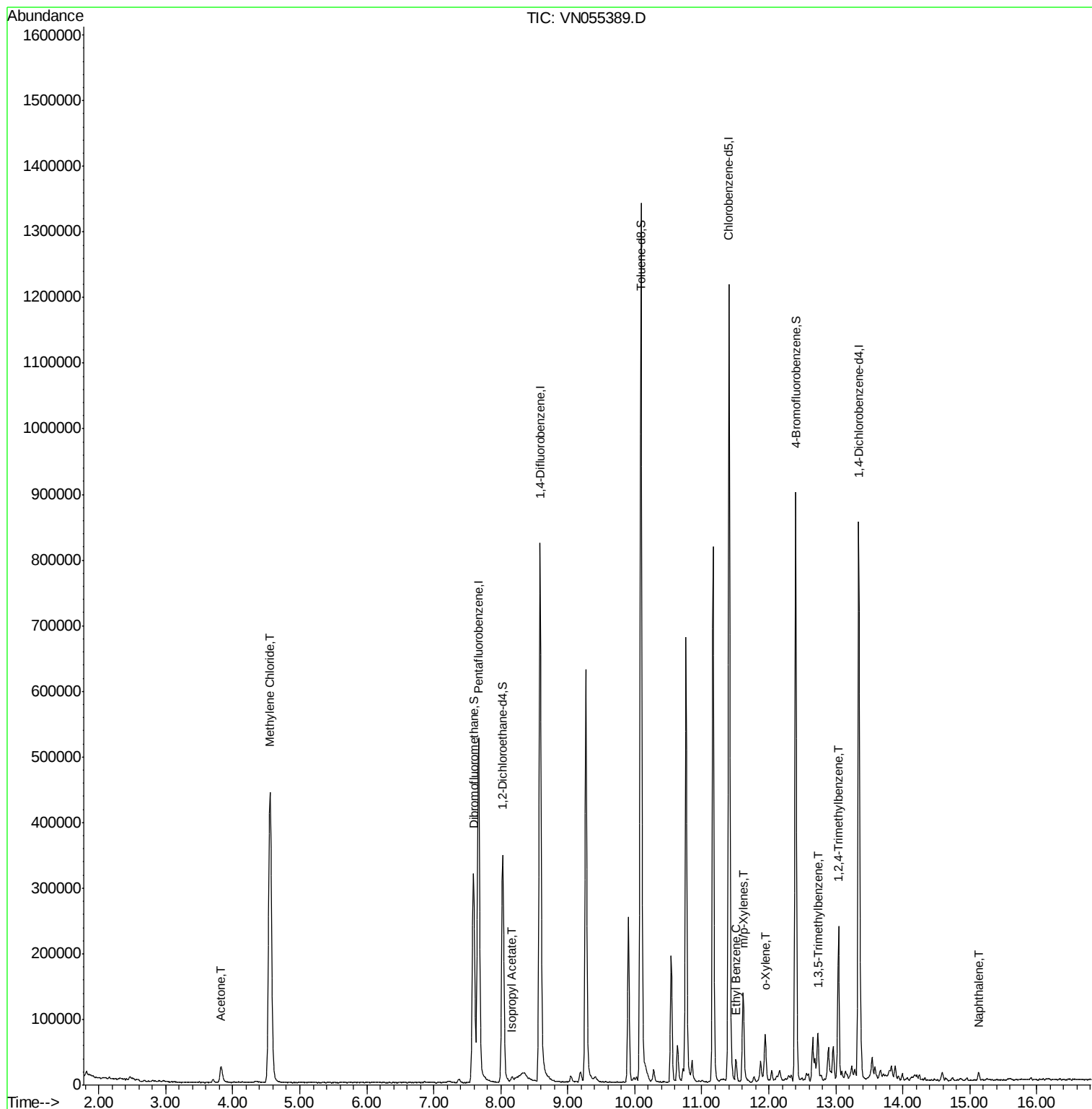
						Qvalue
16) Acetone	3.83	43	44403	24.118	ug/l	95
20) Methylene Chloride	4.55	84	317466	56.494	ug/l	97
43) Isopropyl Acetate	8.17	43	9767	1.082	ug/l #	77
67) Ethyl Benzene	11.51	91	25659	1.039	ug/l	99
68) m/p-Xylenes	11.62	106	41661	4.725	ug/l	100
69) o-Xylene	11.95	106	18468	2.113	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	31343	1.780	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	129011	8.190	ug/l	98
95) Naphthalene	15.13	128	10890	4.956	ug/l #	82

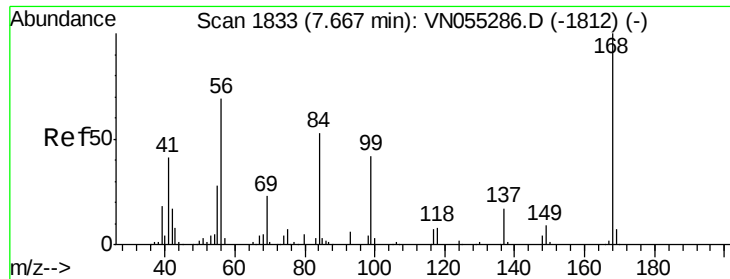
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

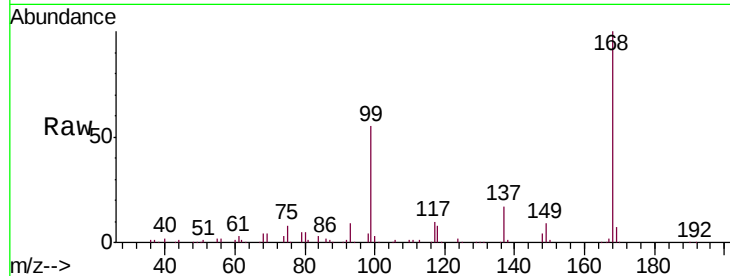
AU-05-050219-B

Tgt Ion:168 Resp: 451648

Ion Ratio Lower Upper

168 100

99 55.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055389.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055389.D (-1740) (-)

7.67

200000

150000

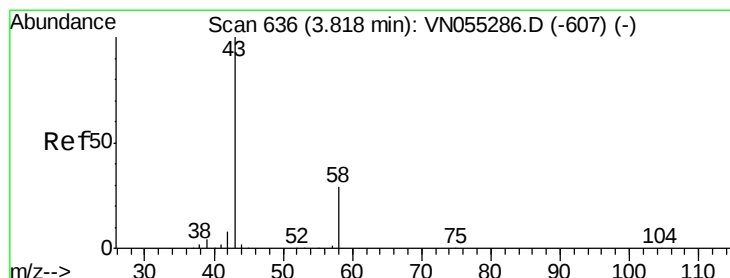
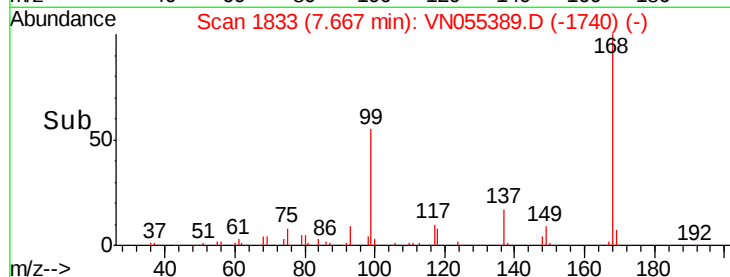
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 24.118 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055389.D

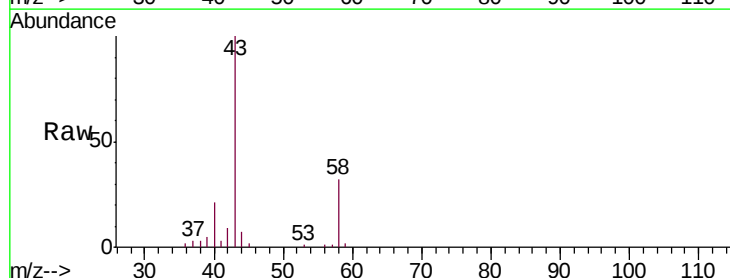
Acq: 3 May 2019 14:57

Tgt Ion: 43 Resp: 44403

Ion Ratio Lower Upper

43 100

58 32.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055389.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055389.D (-543) (-)

3.83

15000

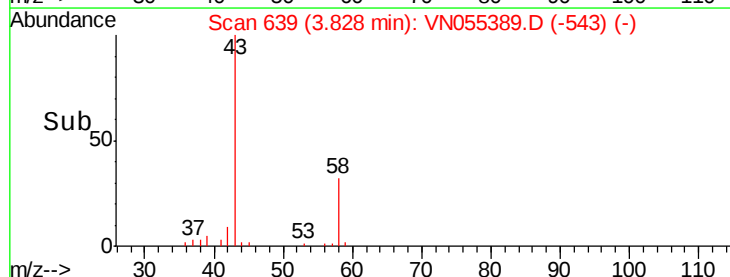
10000

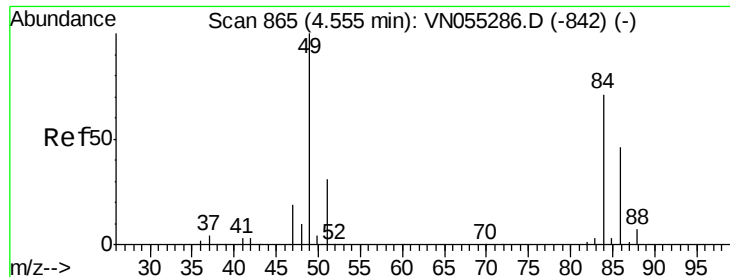
5000

0

3.70 3.80 3.90

Time-->

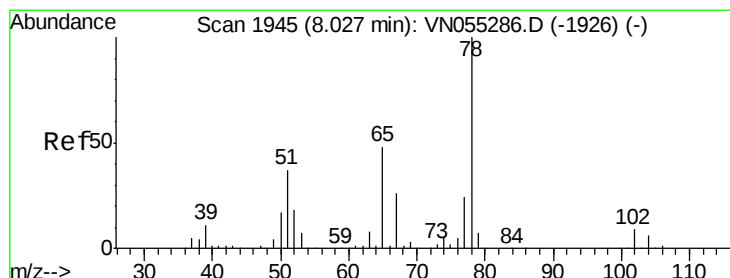
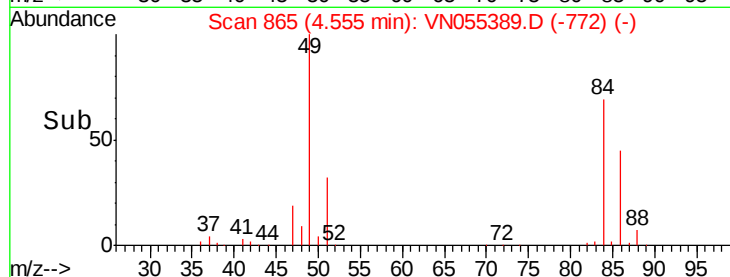
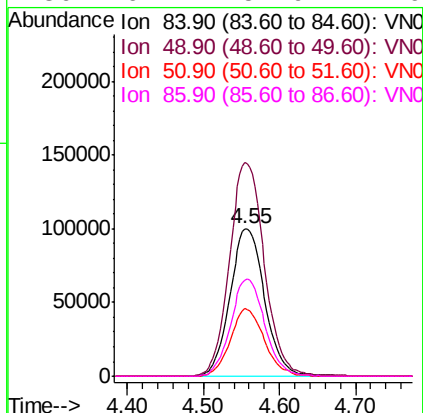
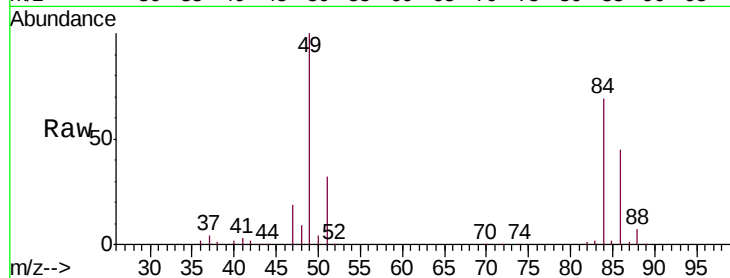




#20
Methylene Chloride
Concen: 56.494 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

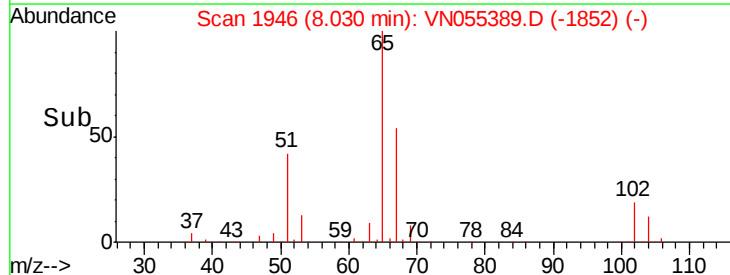
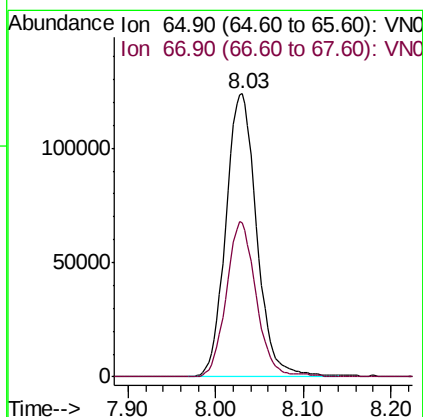
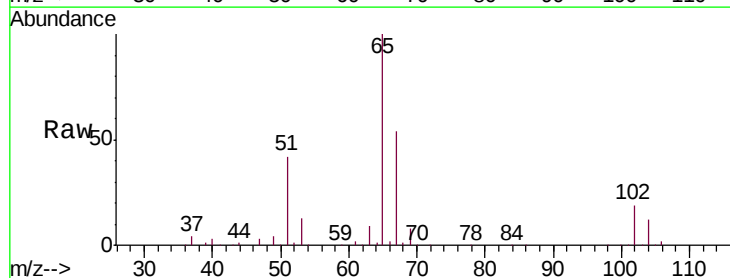
Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-B

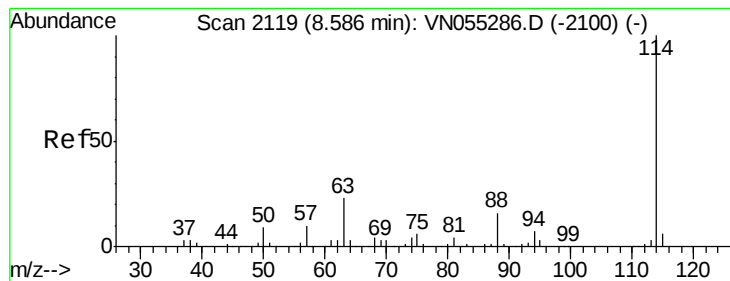
Tgt Ion: 84 Resp: 317466
Ion Ratio Lower Upper
84 100
49 144.5 112.4 168.6
51 45.8 34.6 51.8
86 64.7 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 51.303 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion: 65 Resp: 303127
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

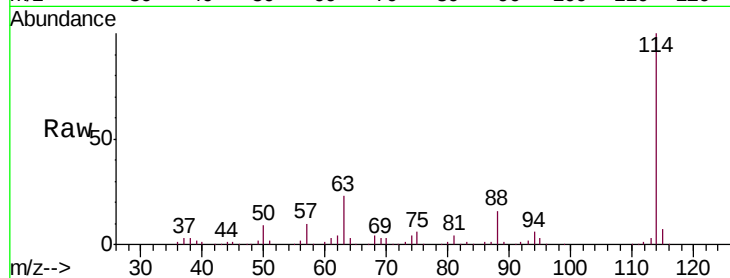
Tgt Ion:114 Resp: 765460

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

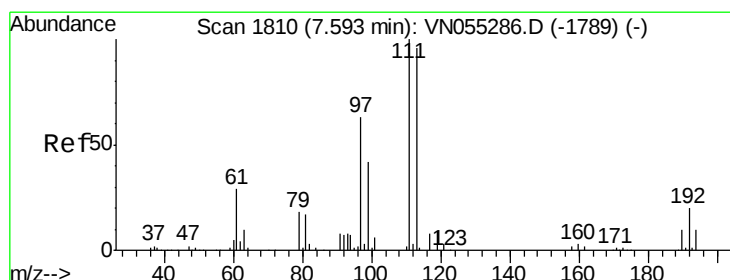
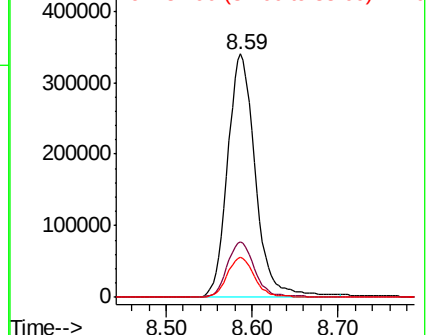
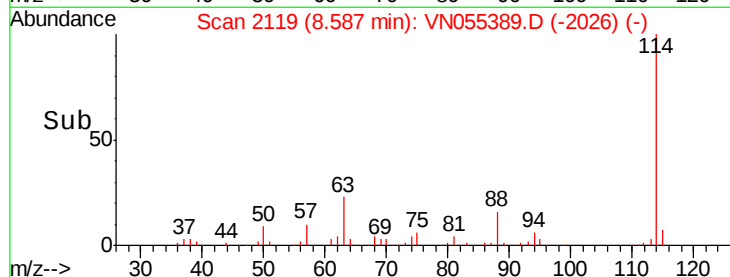
88 16.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.681 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

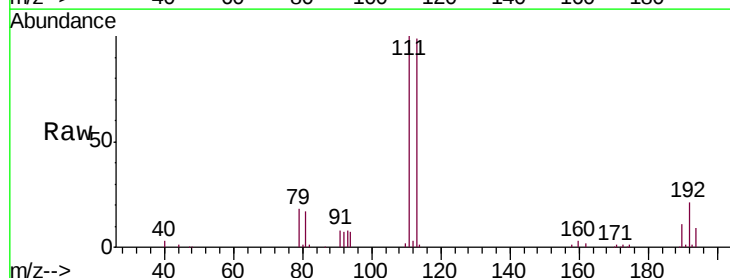
Tgt Ion:113 Resp: 249607

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

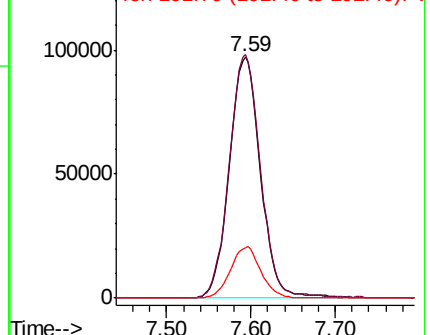
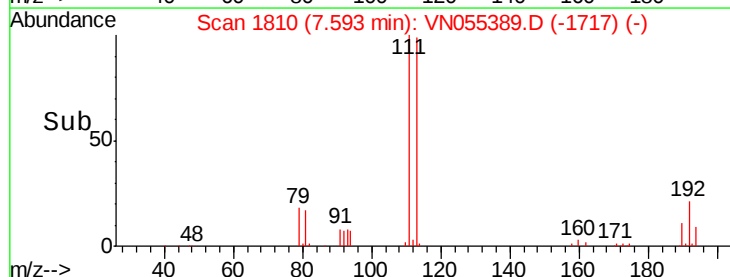
192 20.8 17.0 25.6

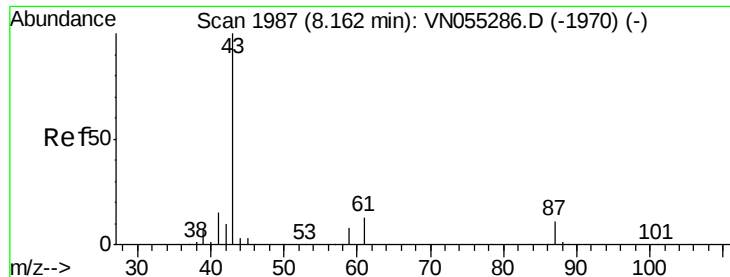


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.082 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

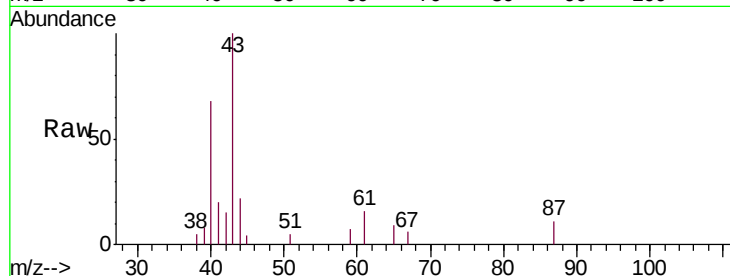
Tgt Ion: 43 Resp: 9767

Ion Ratio Lower Upper

43 100

61 9.4 20.8 31.2#

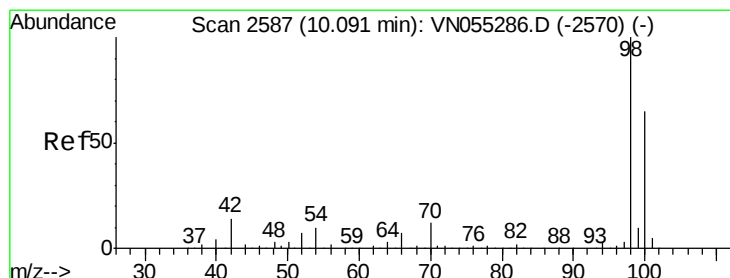
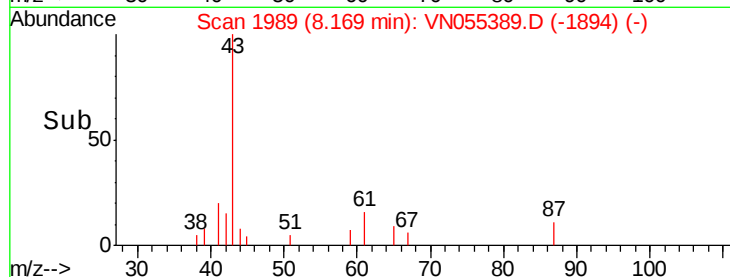
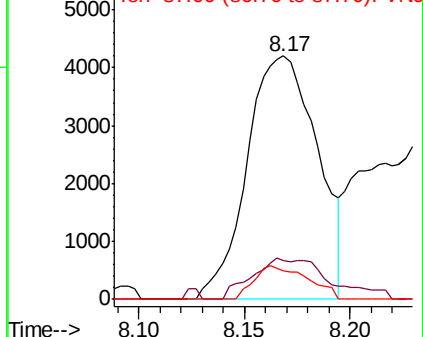
87 10.4 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055389.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055389.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055389.D (-1894) (-)



#50

Toluene-d8

Concen: 51.758 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055389.D

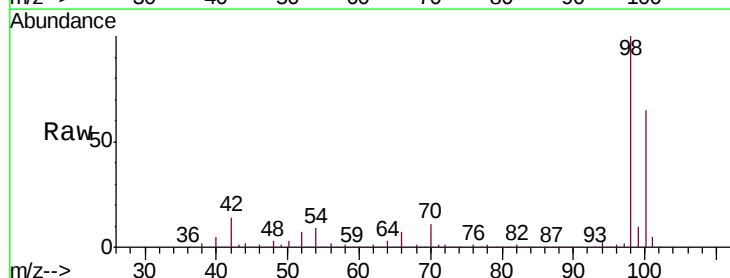
Acq: 3 May 2019 14:57

Tgt Ion: 98 Resp: 938997

Ion Ratio Lower Upper

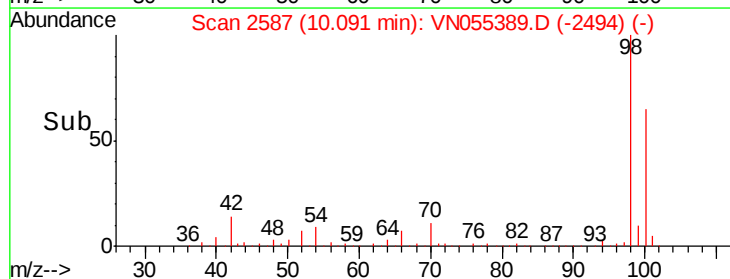
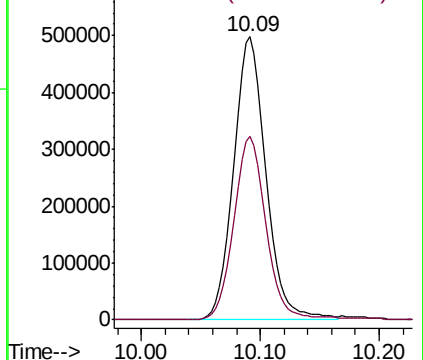
98 100

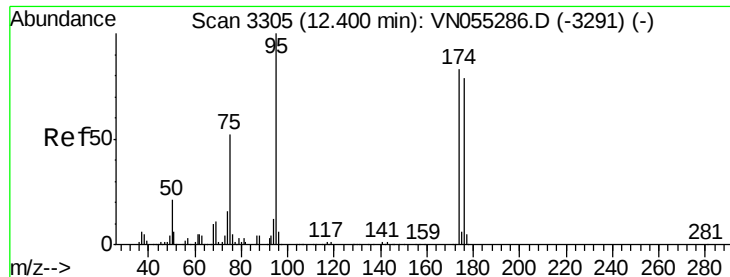
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055389.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055389.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 55.248 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

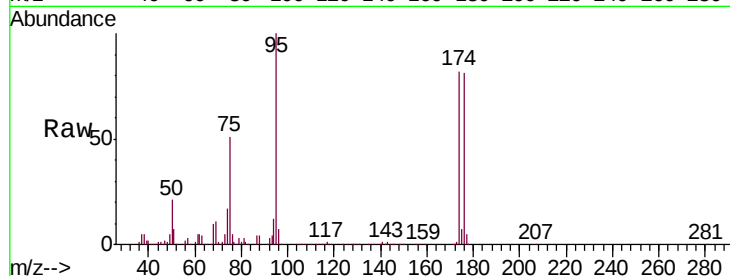
Tgt Ion: 95 Resp: 313258

Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.6

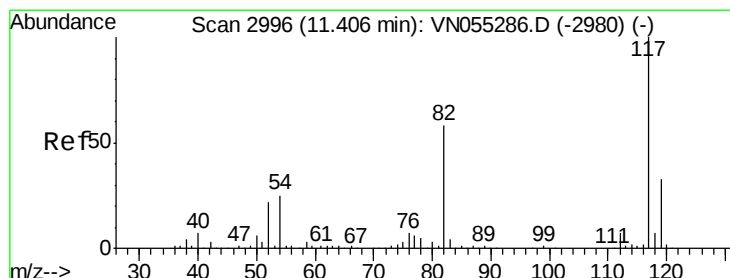
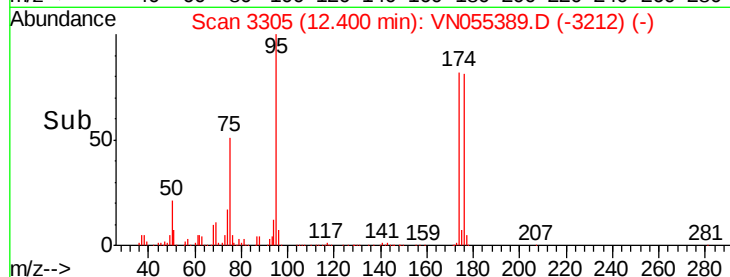
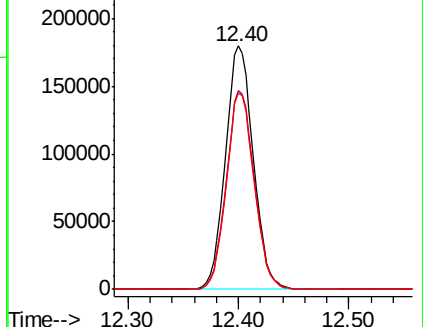
176 80.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055389.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055389.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055389.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

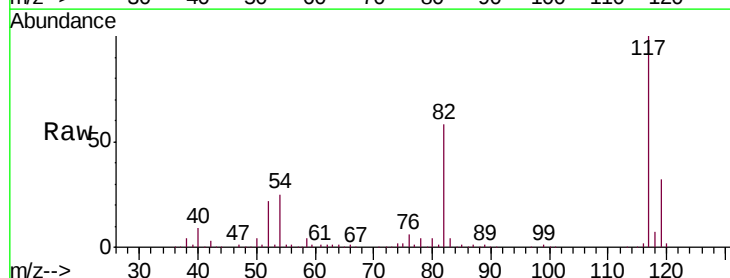
Tgt Ion: 117 Resp: 699602

Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.4

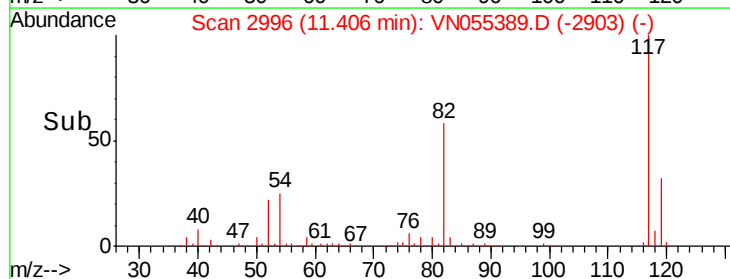
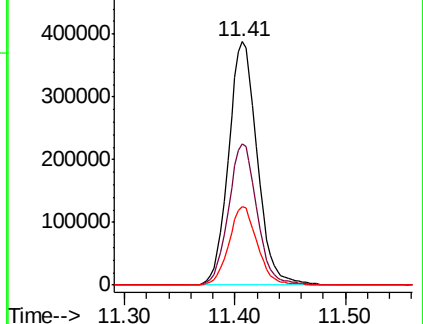
119 32.4 26.6 40.0

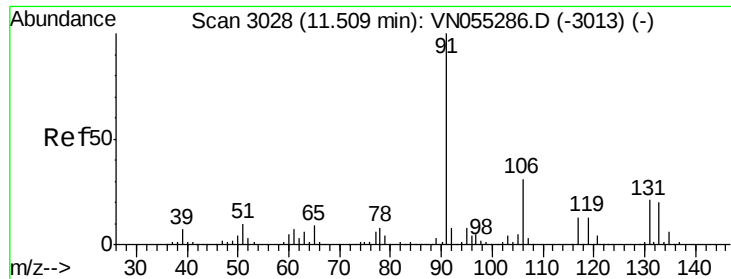


Abundance Ion 116.90 (116.60 to 117.60): VN055389.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055389.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055389.D (-2903) (-)

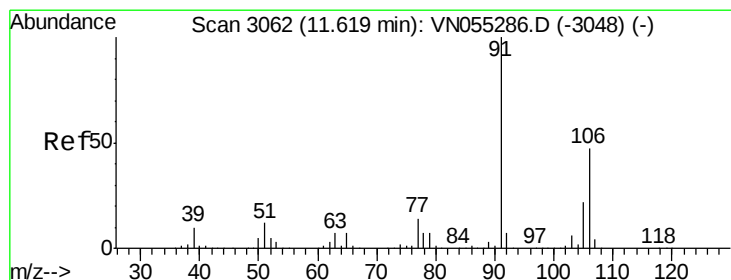
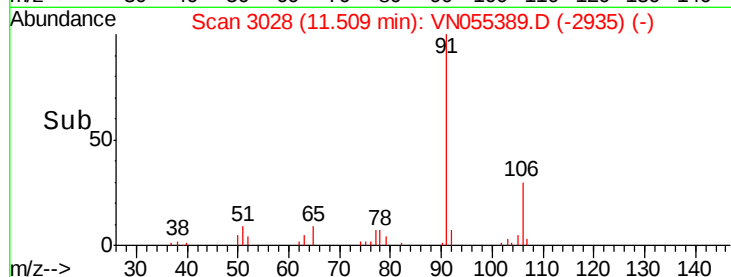
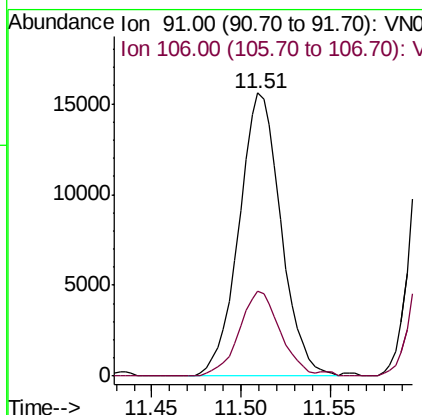
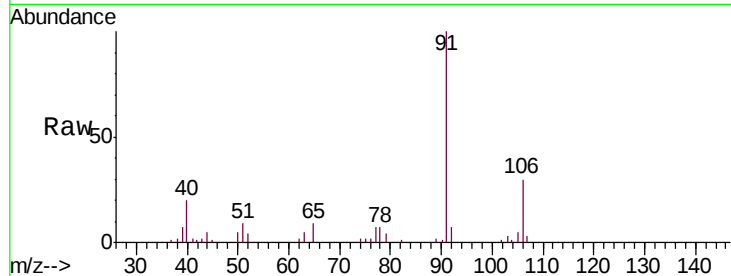




#67
Ethyl Benzene
Concen: 1.039 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

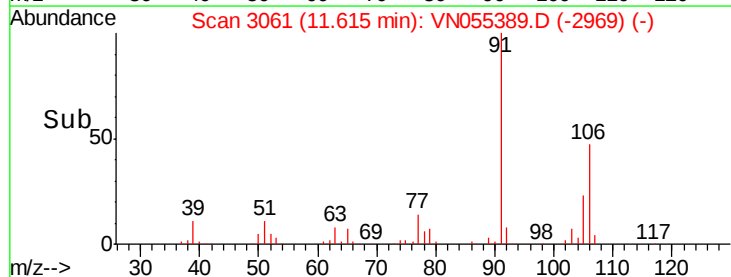
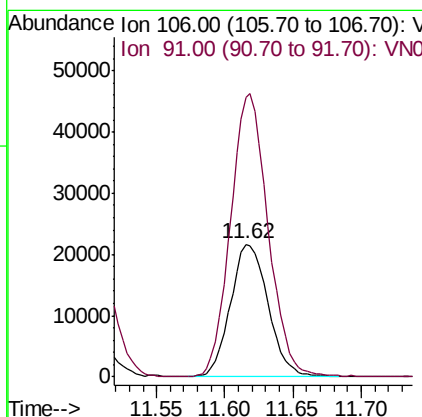
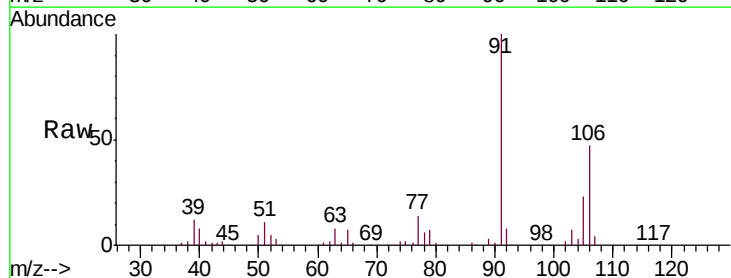
Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-B

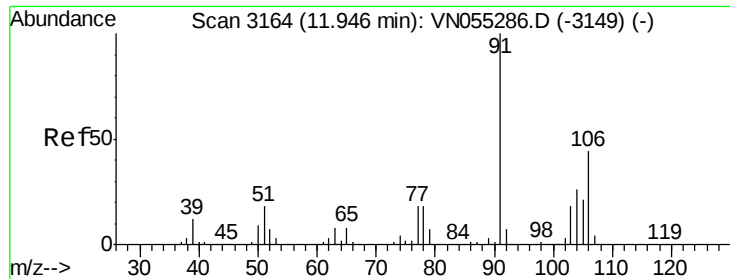
Tgt Ion: 91 Resp: 25659
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8



#68
m/p-Xylenes
Concen: 4.725 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion: 106 Resp: 41661
Ion Ratio Lower Upper
106 100
91 212.2 169.5 254.3

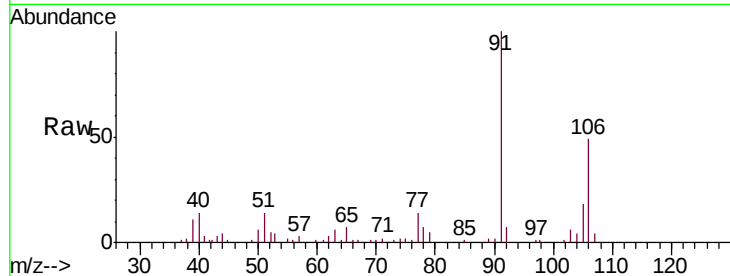




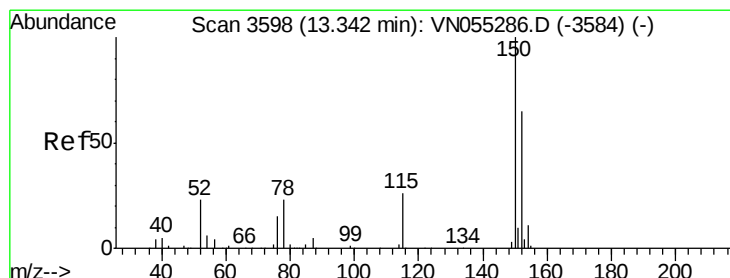
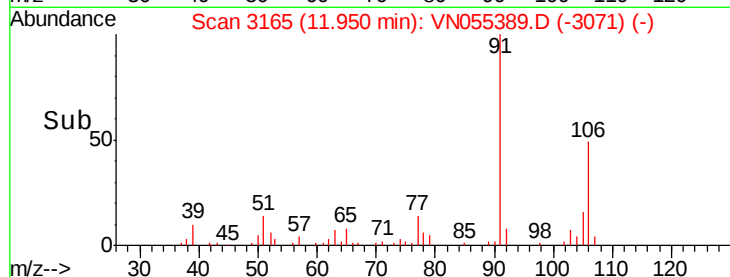
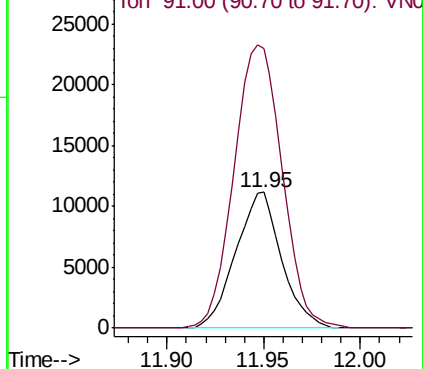
#69
o-Xylene
Concen: 2.113 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-B

Tgt Ion:106 Resp: 18468
Ion Ratio Lower Upper
106 100
91 219.0 111.5 334.5

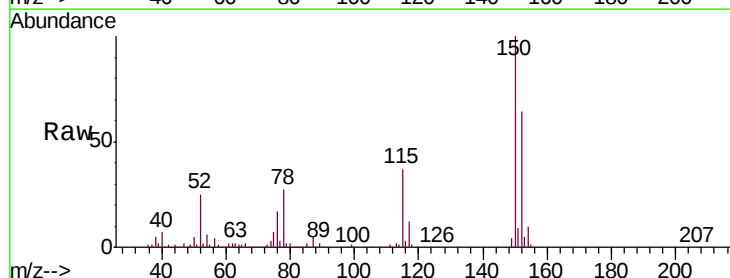


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

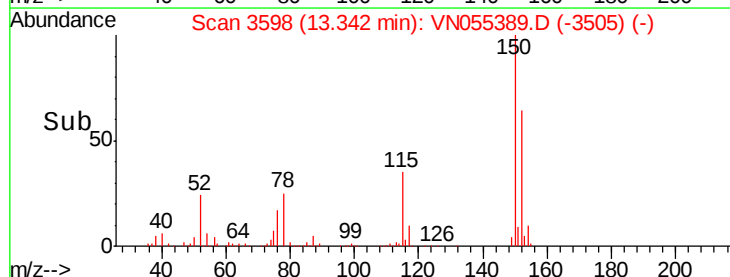
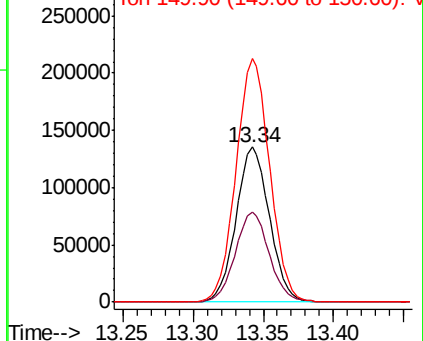


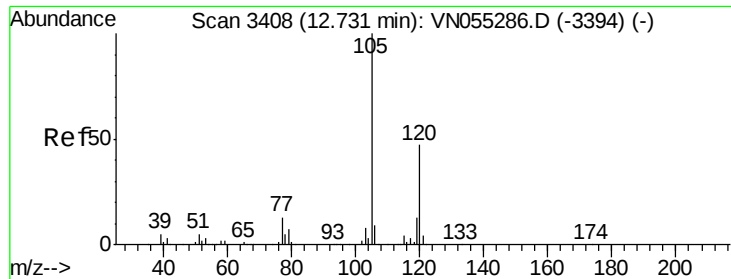
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion:152 Resp: 224668
Ion Ratio Lower Upper
152 100
115 59.4 29.0 87.0
150 158.6 0.0 345.6



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

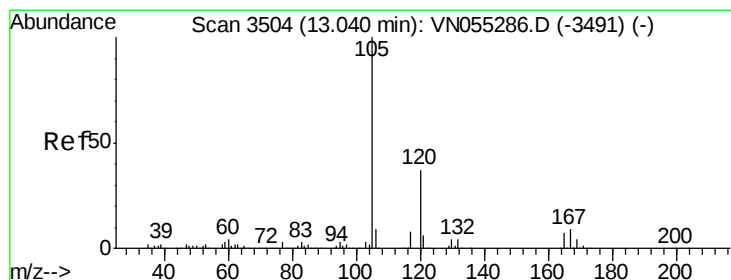
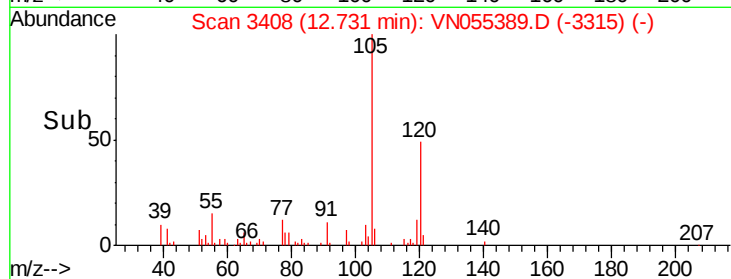
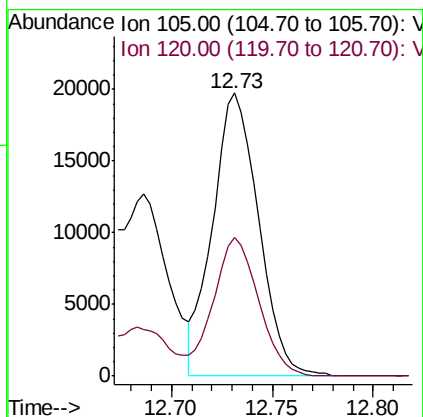
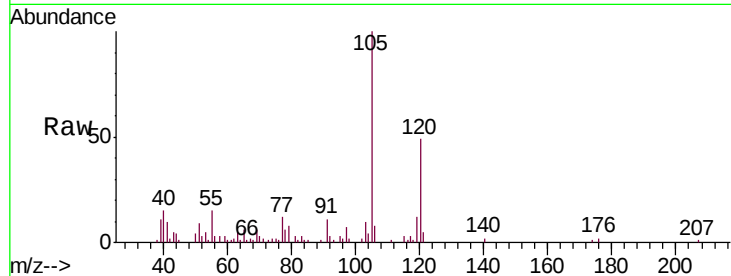




#80
 1,3,5-Trimethylbenzene
 Concen: 1.780 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055389.D
 Acq: 3 May 2019 14:57

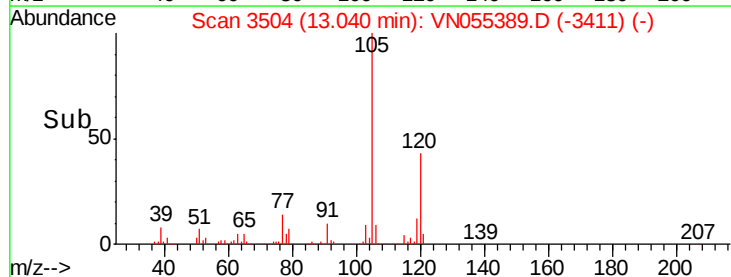
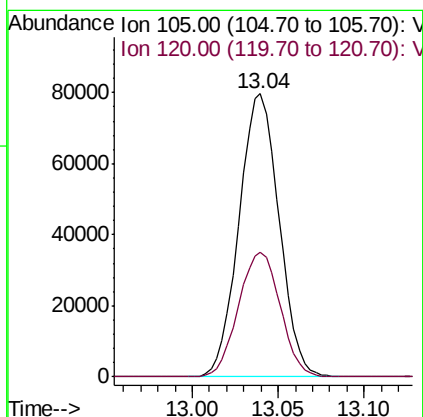
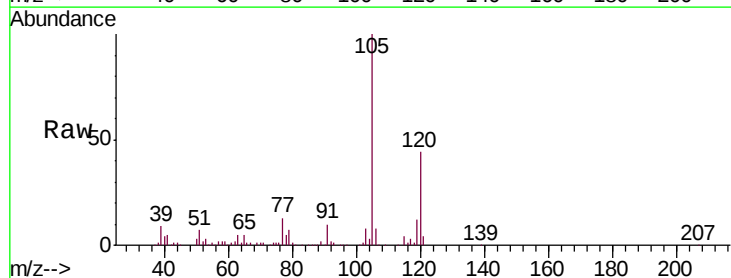
Instrument :
 MSVOA_N
 ClientSampled :
 AU-05-050219-B

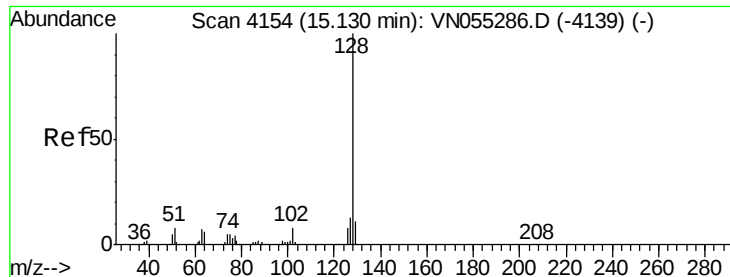
Tgt Ion:105 Resp: 31343
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.4 70.0



#84
 1,2,4-Trimethylbenzene
 Concen: 8.190 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055389.D
 Acq: 3 May 2019 14:57

Tgt Ion:105 Resp: 129011
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.1 66.5





#95

Naphthalene

Concen: 4.956 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055389.D

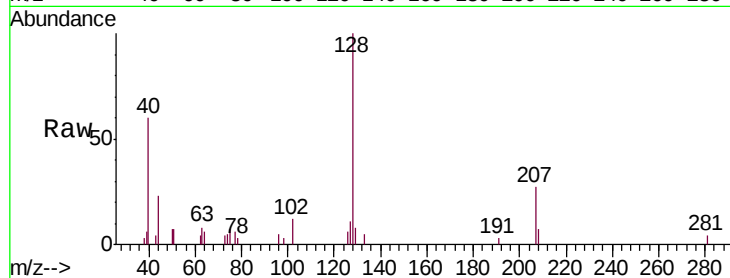
Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B



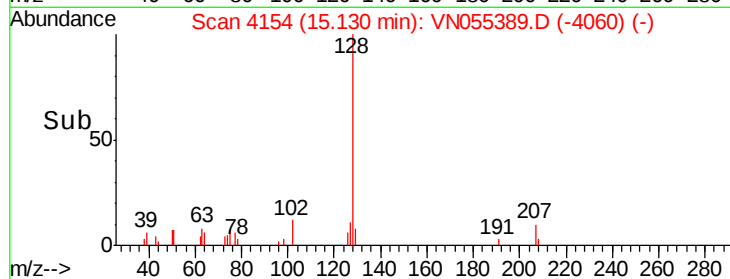
Tgt Ion:128 Resp: 10890

Ion Ratio Lower Upper

128 100

127 6.2 10.7 16.1#

129 4.1 8.6 13.0#



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

