

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055063.D
 Acq On : 16 Apr 2019 00:25
 Operator : JC/SP
 Sample : K2407-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

Quant Time: Apr 16 07:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	524464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	827437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251807	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	323148	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
35) Dibromofluoromethane	7.59	113	260745	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	10.09	98	995033	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	306012	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

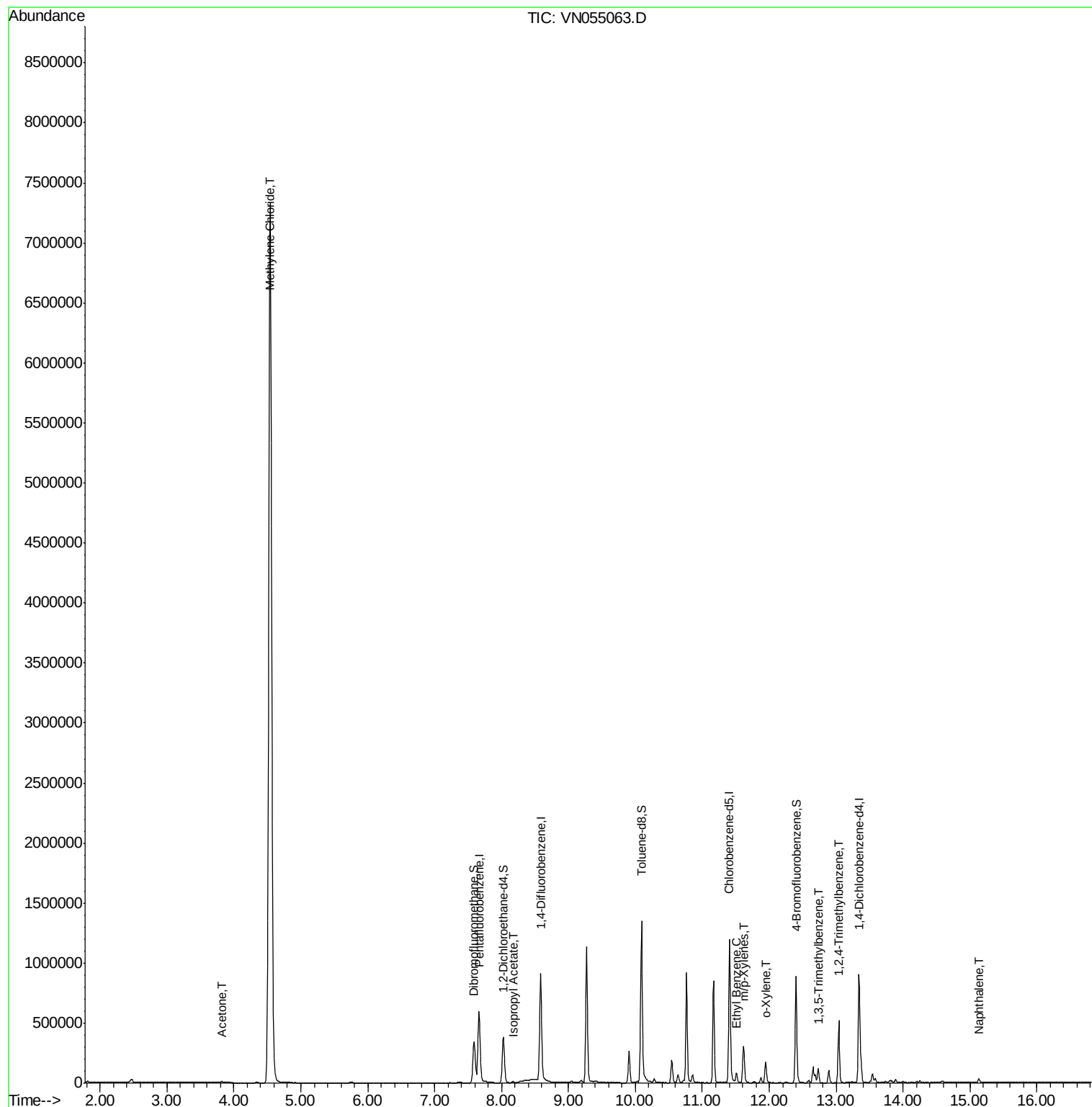
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	11322	5.984	ug/l	96
20) Methylene Chloride	4.54	84	5163342	776.253	ug/l	95
43) Isopropyl Acetate	8.17	43	12577	1.285	ug/l	97
67) Ethyl Benzene	11.51	91	57113	2.216	ug/l	98
68) m/p-Xylenes	11.62	106	99053	10.614	ug/l	99
69) o-Xylene	11.95	106	47693	5.276	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	62631	3.473	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	296486	17.350	ug/l	98
95) Naphthalene	15.13	128	25391	5.717	ug/l	100

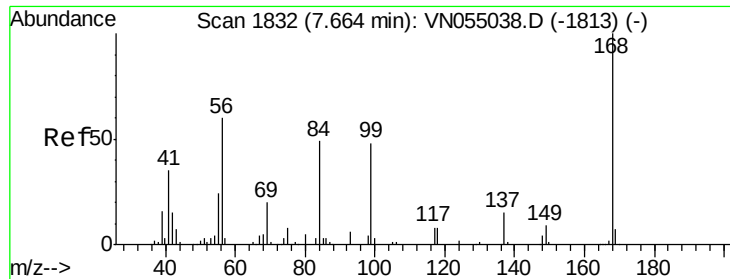
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 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: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

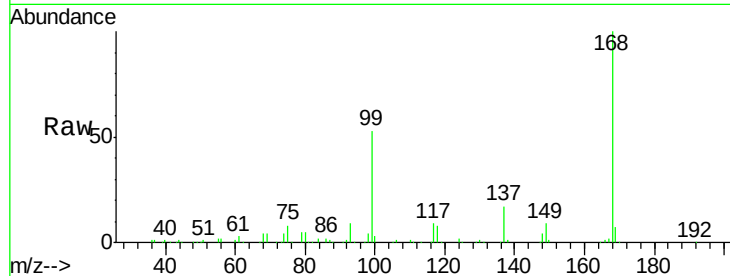
TP-11-D

Tot Ion:168 Resp: 524464

Ion Ratio Lower Upper

168 100

99 53.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

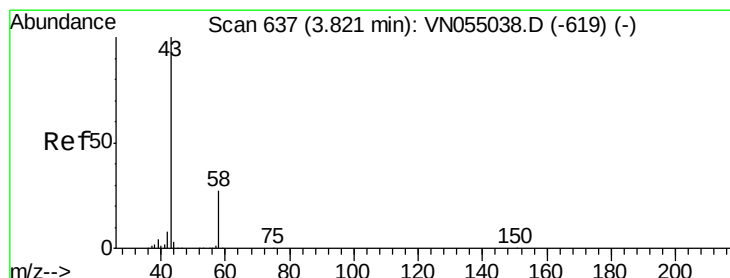
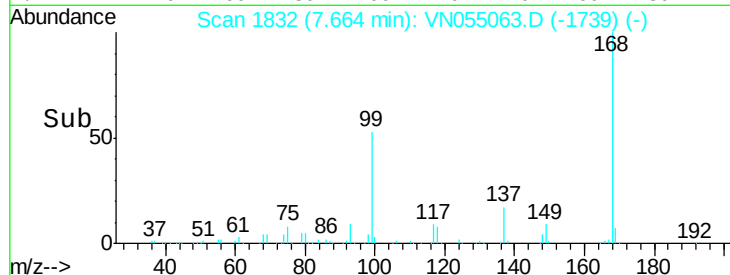
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.984 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055063.D

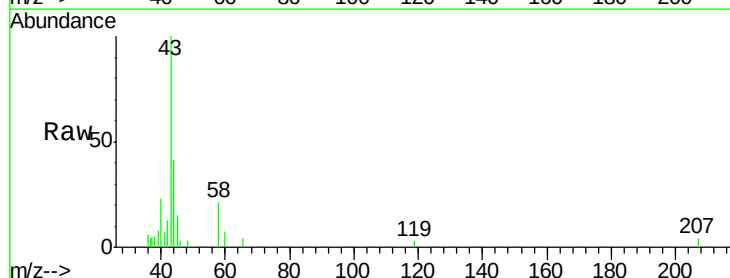
Acq: 16 Apr 2019 00:25

Tgt Ion: 43 Resp: 11322

Ion Ratio Lower Upper

43 100

58 23.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

5000

4000

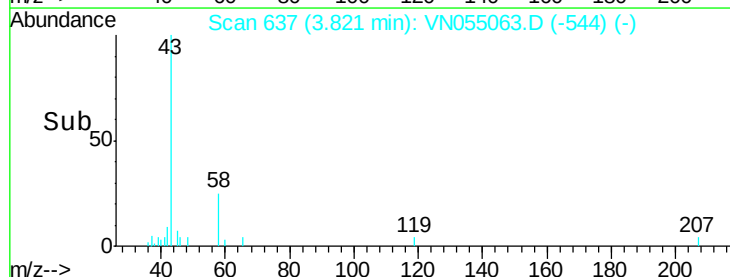
3000

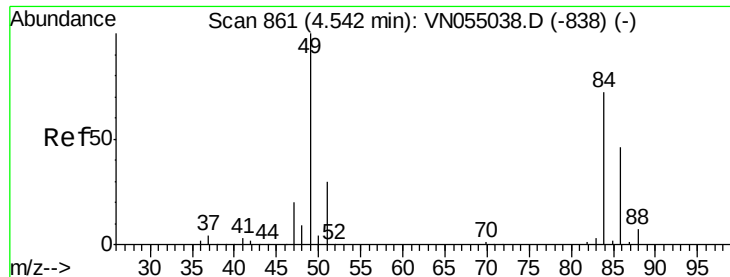
2000

1000

0

Time-->



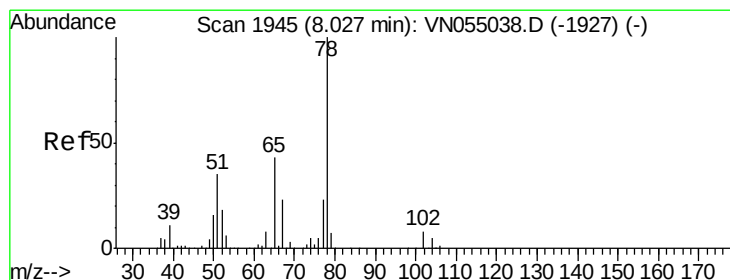
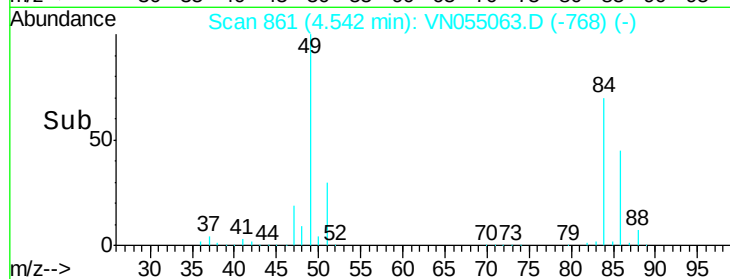
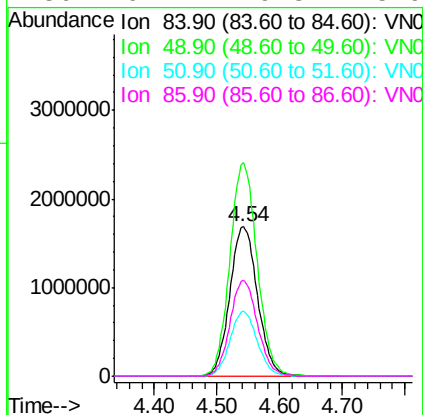
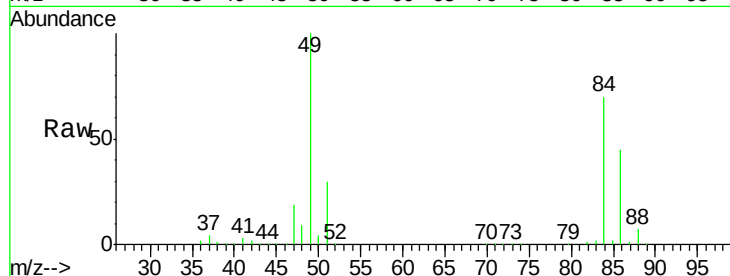


#20
Methvlene Chloride
Concen: 776.253 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Instrument :
MSVOA_N
ClientSampled :
TP-11-D

Tot Ion: 84 Resp: 5163342

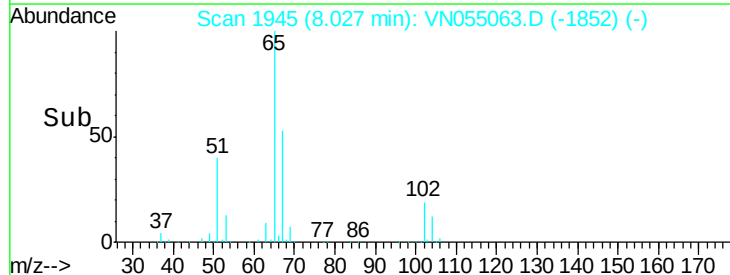
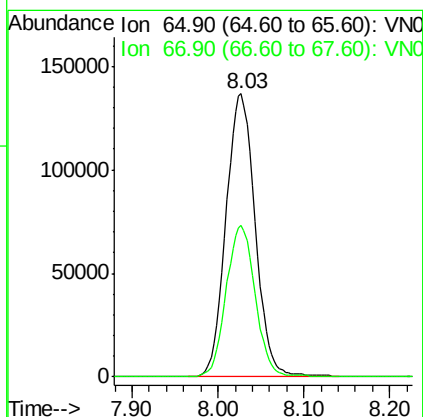
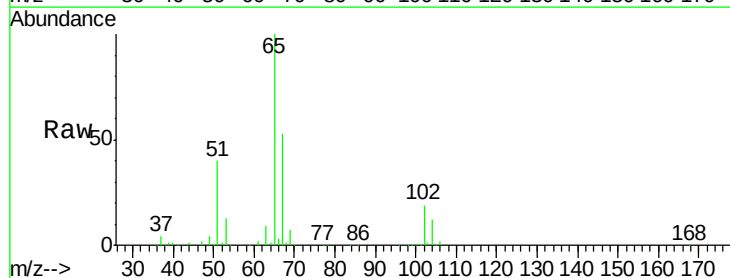
Ion	Ratio	Lower	Upper
84	100		
49	142.8	109.4	164.2
51	43.3	32.2	48.4
86	64.2	49.3	73.9

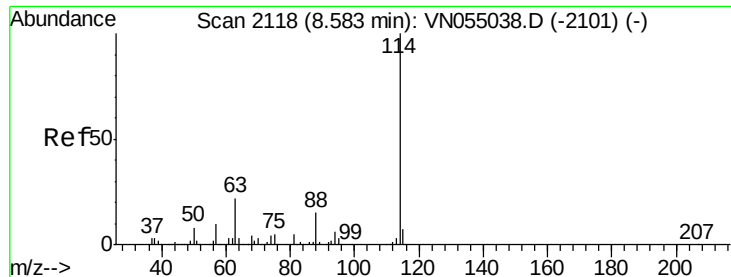


#33
1,2-Dichloroethane-d4
Concen: 46.353 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Tgt Ion: 65 Resp: 323148

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

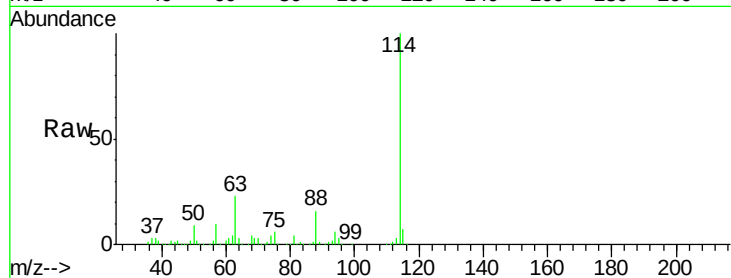
Tot Ion:114 Resp: 827437

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

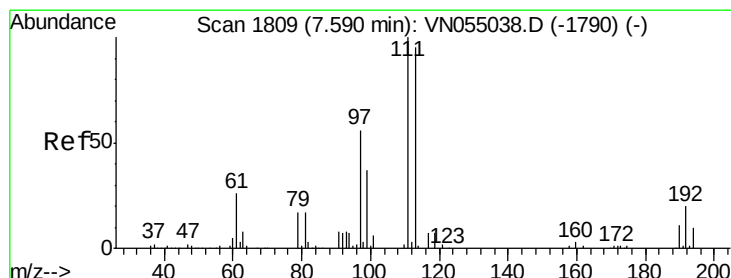
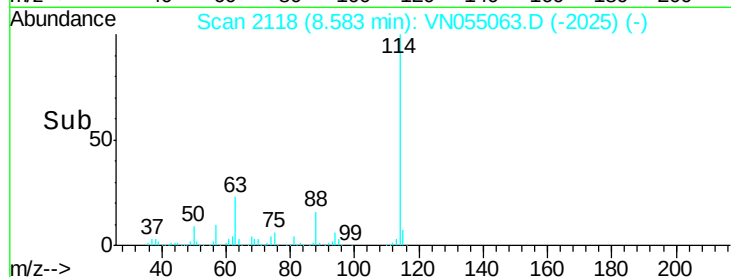
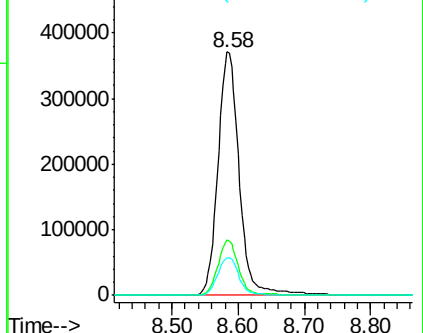
88 15.6 0.0 31.8



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: 47.152 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

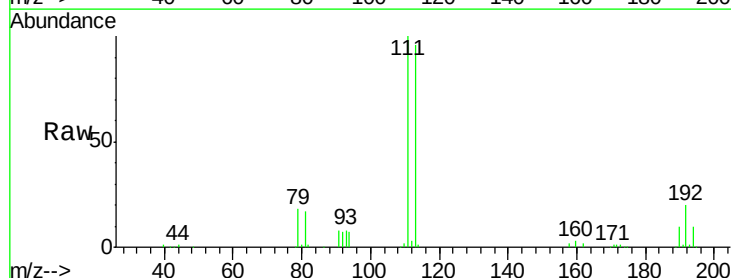
Tgt Ion:113 Resp: 260745

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

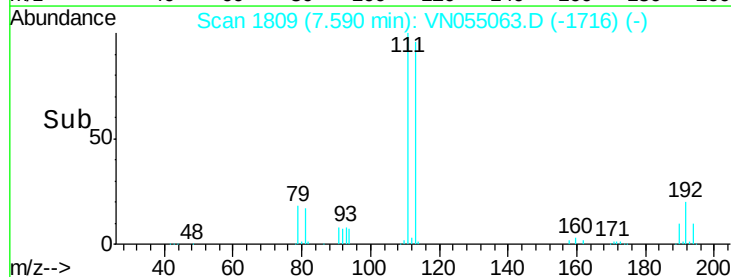
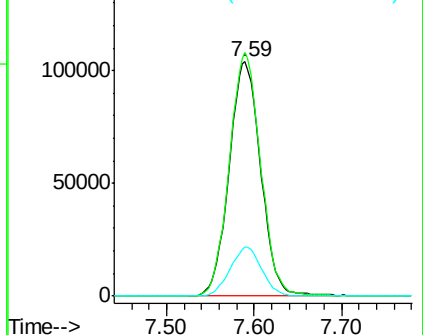
192 20.9 16.5 24.7

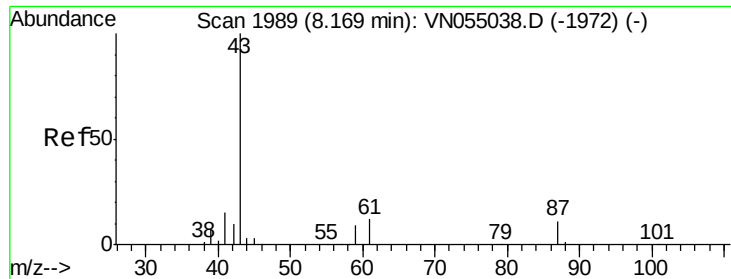


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.285 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

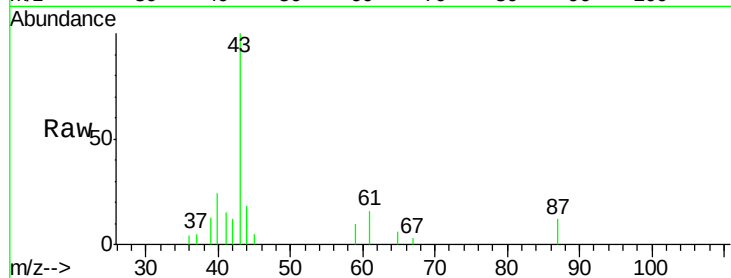
Tot Ion: 43 Resp: 12577

Ion Ratio Lower Upper

43 100

61 17.0 14.3 21.5

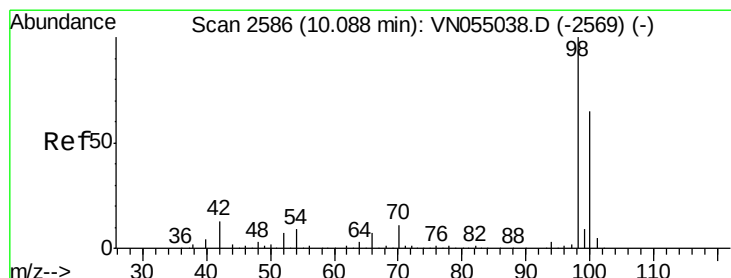
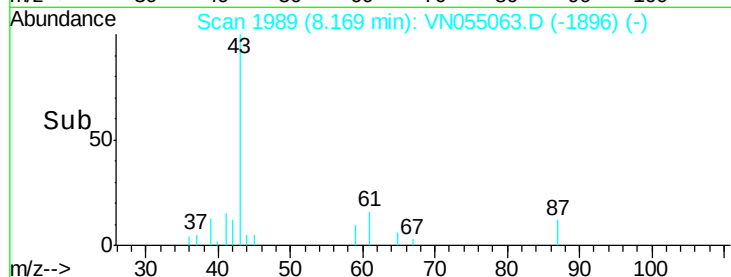
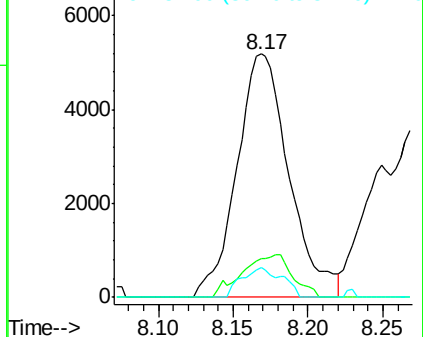
87 9.4 8.6 13.0



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: 50.275 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055063.D

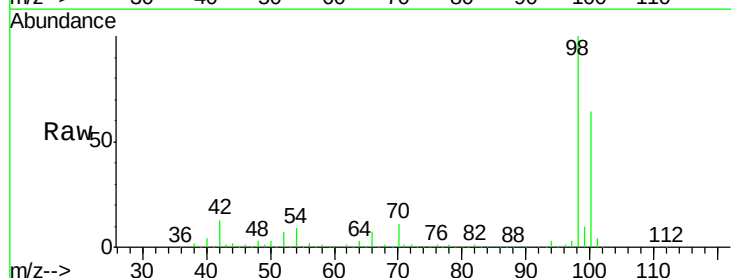
Acq: 16 Apr 2019 00:25

Tgt Ion: 98 Resp: 995033

Ion Ratio Lower Upper

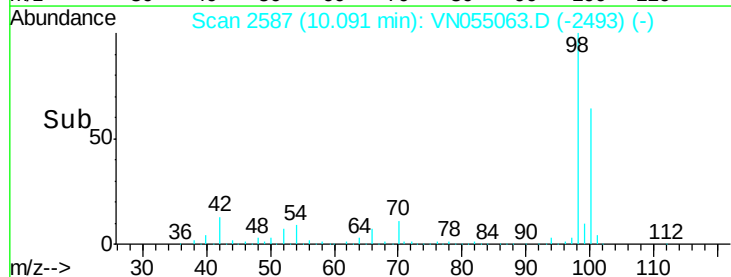
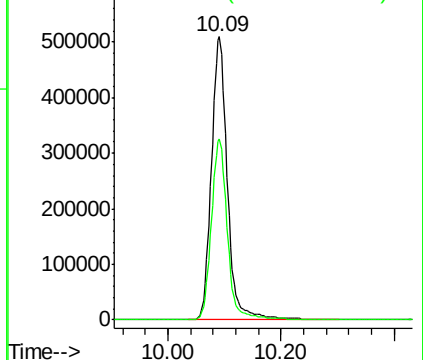
98 100

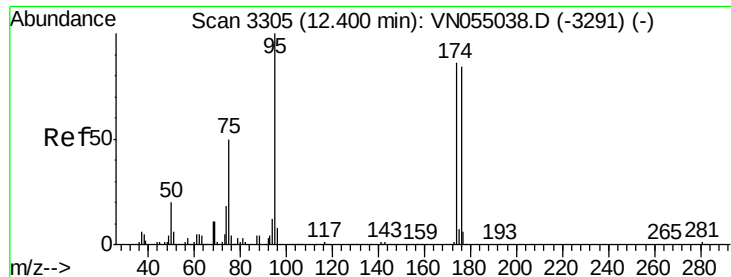
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.560 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

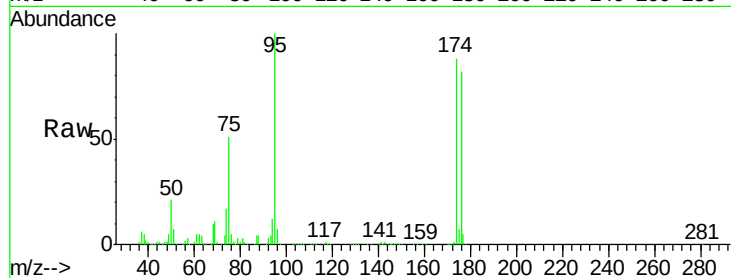
Tot Ion: 95 Resp: 306012

Ion Ratio Lower Upper

95 100

174 86.2 0.0 174.4

176 82.9 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

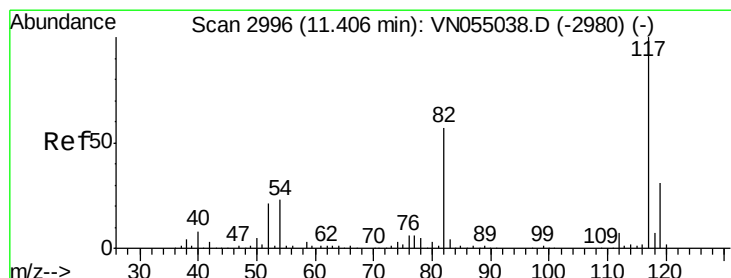
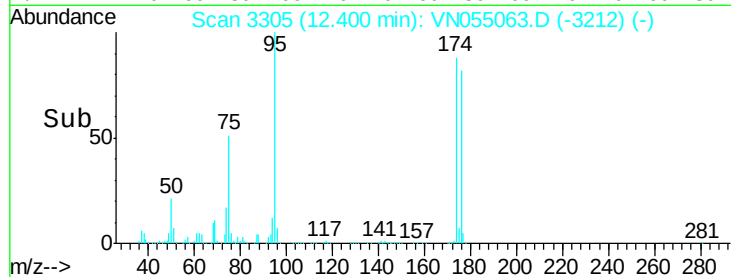
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

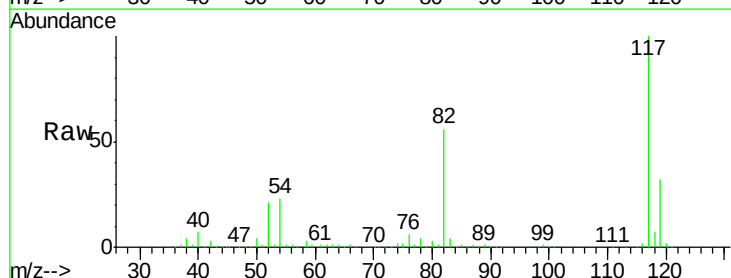
Tgt Ion: 117 Resp: 716959

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

119 31.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN055038.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055038.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055038.D (-2980) (-)

11.41

500000

400000

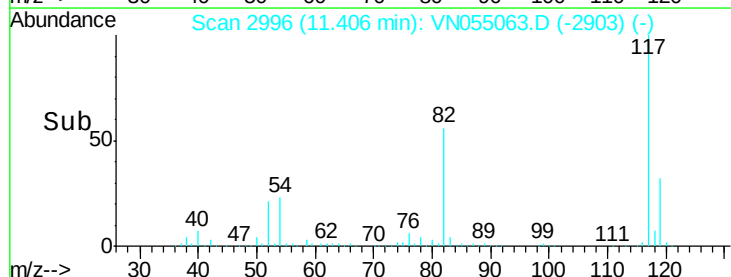
300000

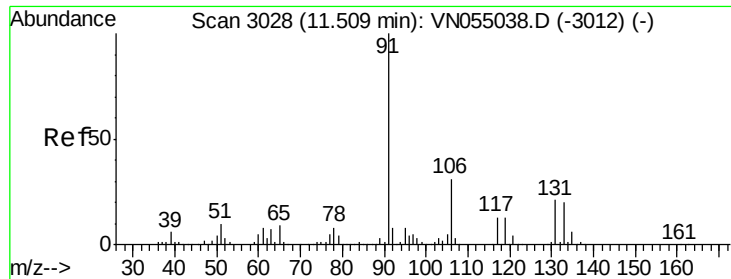
200000

100000

0

Time--> 11.30 11.40 11.50 11.60

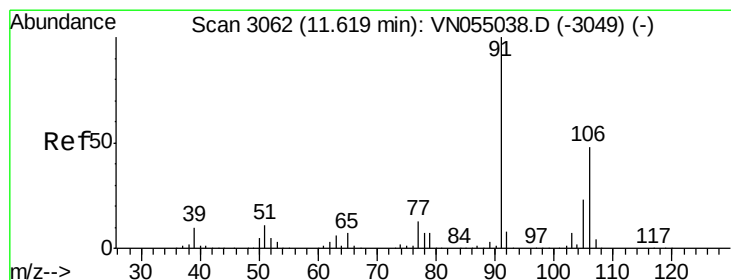
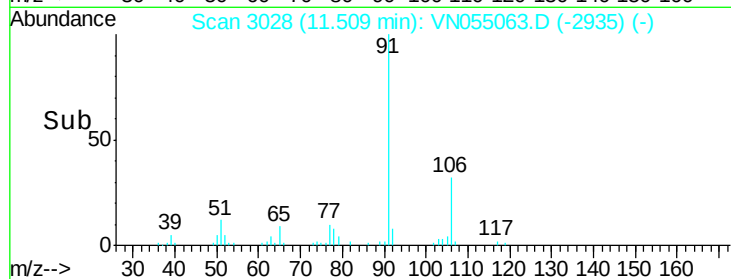
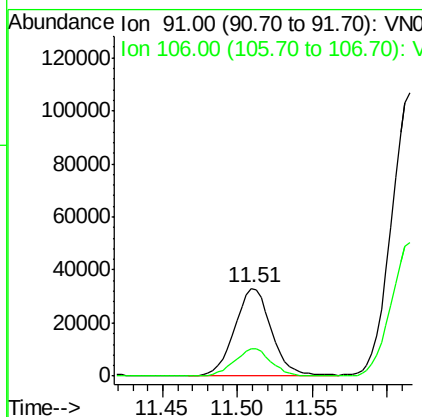
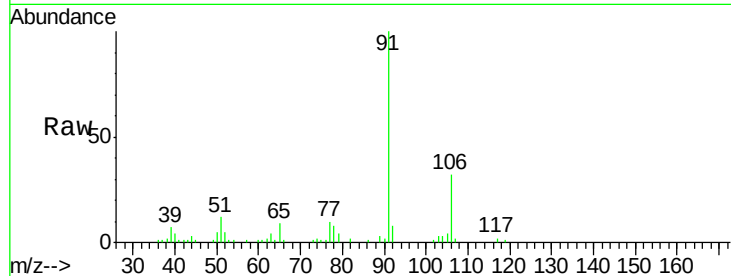




#67
Ethyl Benzene
Concen: 2.216 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

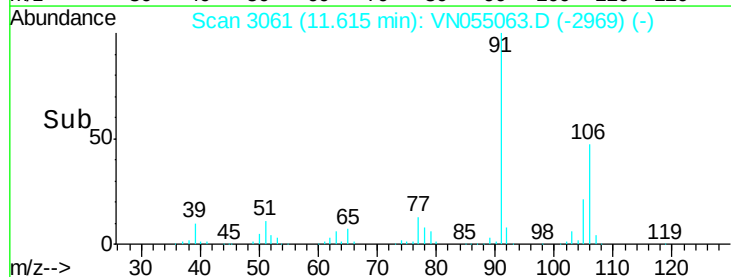
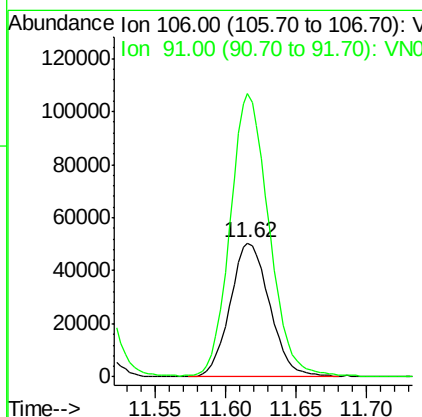
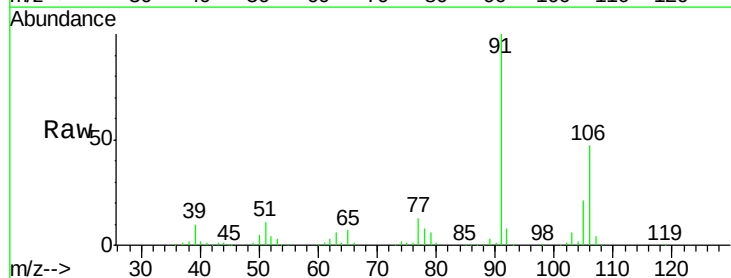
Instrument :
MSVOA_N
ClientSampled :
TP-11-D

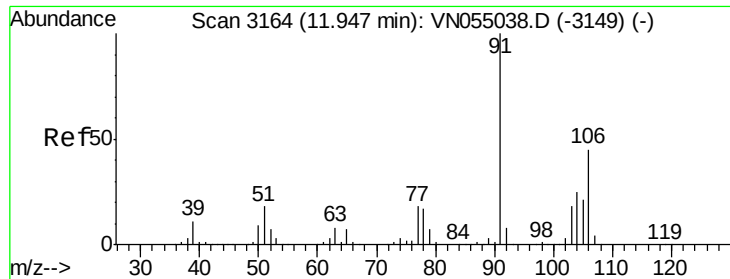
Tot Ion: 91 Resp: 57113
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5



#68
m/p-Xylenes
Concen: 10.614 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Tgt Ion: 106 Resp: 99053
Ion Ratio Lower Upper
106 100
91 208.5 165.9 248.9

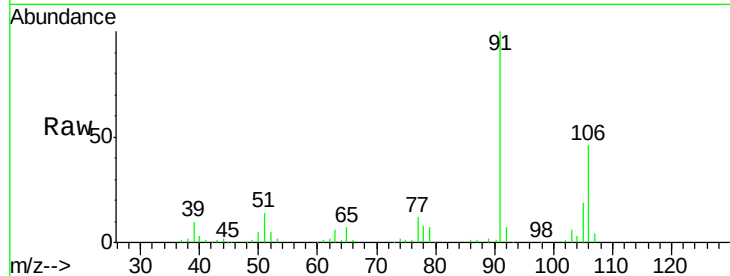




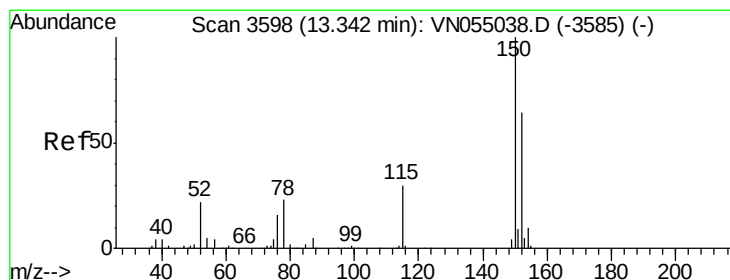
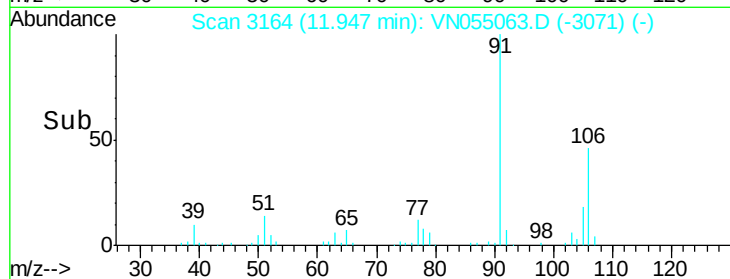
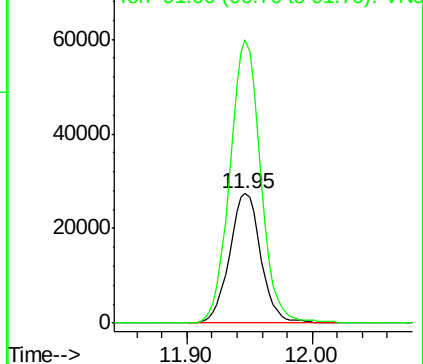
#69
o-Xylene
Concen: 5.276 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Instrument :
MSVOA_N
ClientSampled :
TP-11-D

Tot Ion:106 Resp: 47693
Ion Ratio Lower Upper
106 100
91 213.6 109.9 329.8

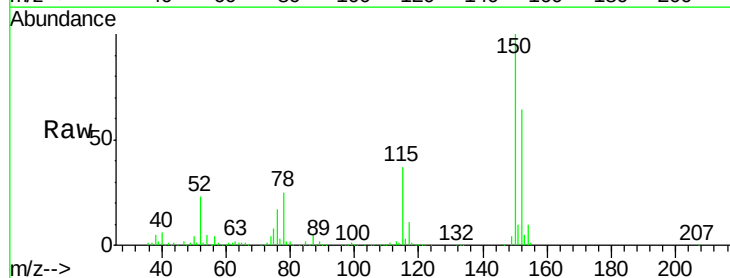


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

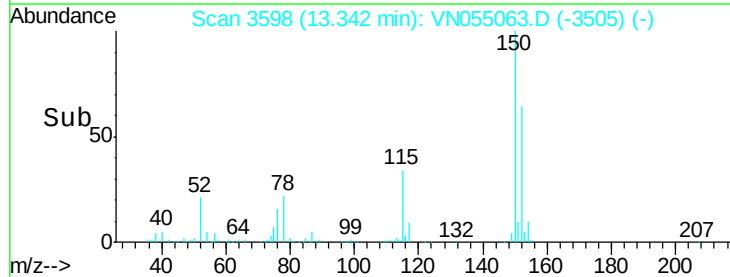
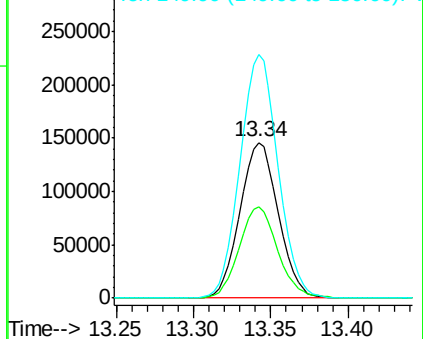


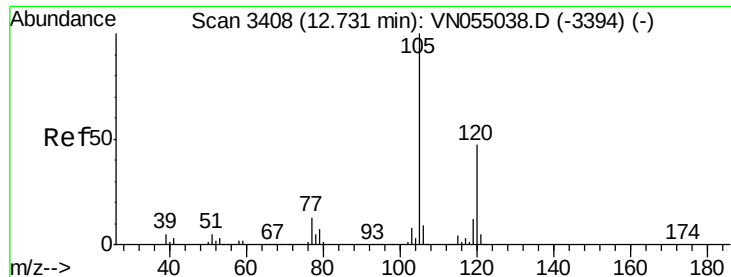
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055063.D
Acq: 16 Apr 2019 00:25

Tgt Ion:152 Resp: 251807
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.6
150 155.2 0.0 347.2



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

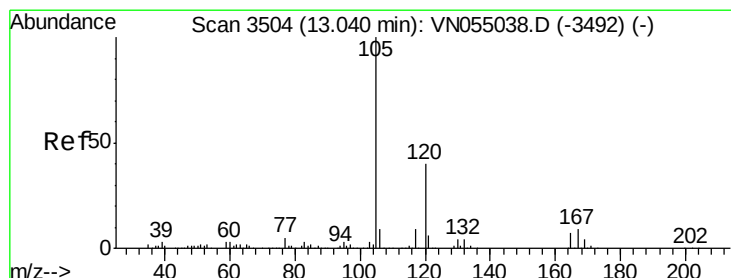
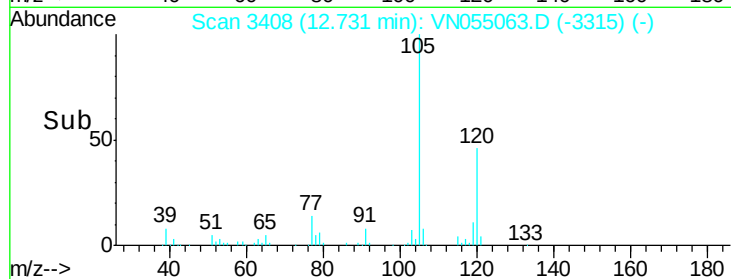
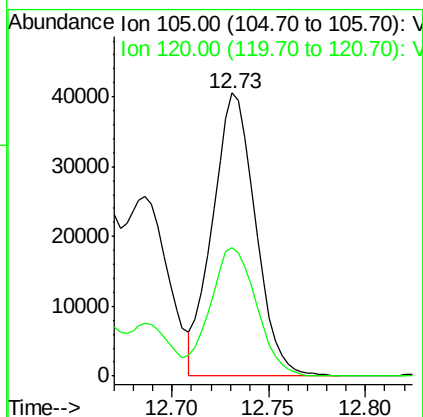
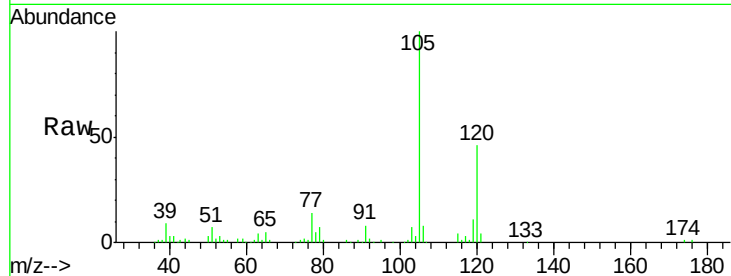




#80
 1,3,5-Trimethylbenzene
 Concen: 3.473 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

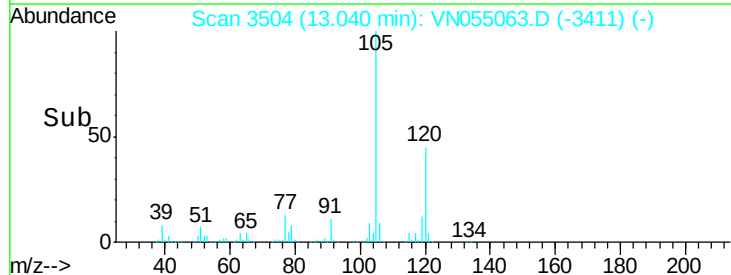
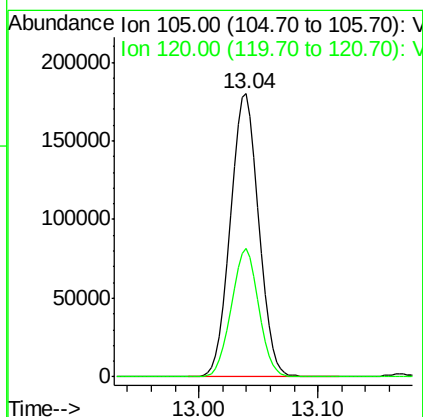
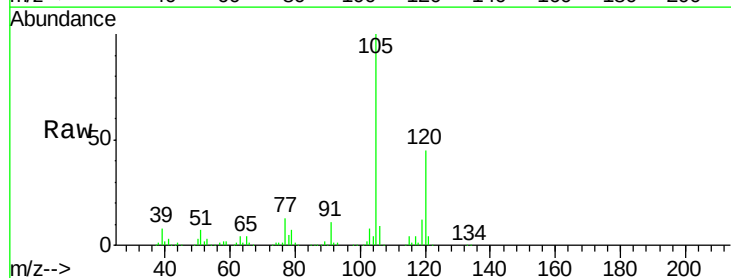
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11-D

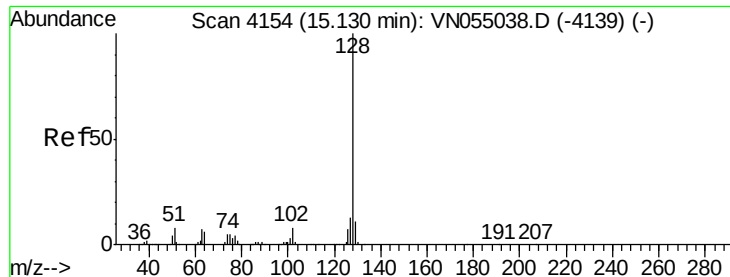
Tot Ion:105 Resp: 62631
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.350 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055063.D
 Acq: 16 Apr 2019 00:25

Tgt Ion:105 Resp: 296486
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3





#95

Naphthalene

Concen: 5.717 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055063.D

Acq: 16 Apr 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

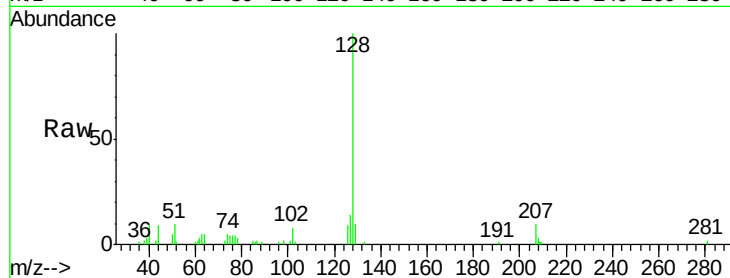
Tot Ion:128 Resp: 25391

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.9 8.8 13.2



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

