

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056295.D
 Acq On : 13 Jun 2019 20:41
 Operator : JC/SP
 Sample : K3345-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5 061219

Quant Time: Jun 14 02:32:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	572138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	179060	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	194152	56.37	ug/l	0.00
Spiked Amount			Recovery	=	112.74%	
35) Dibromofluoromethane	7.59	113	178141	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.09	98	705397	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.40	95	229764	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	

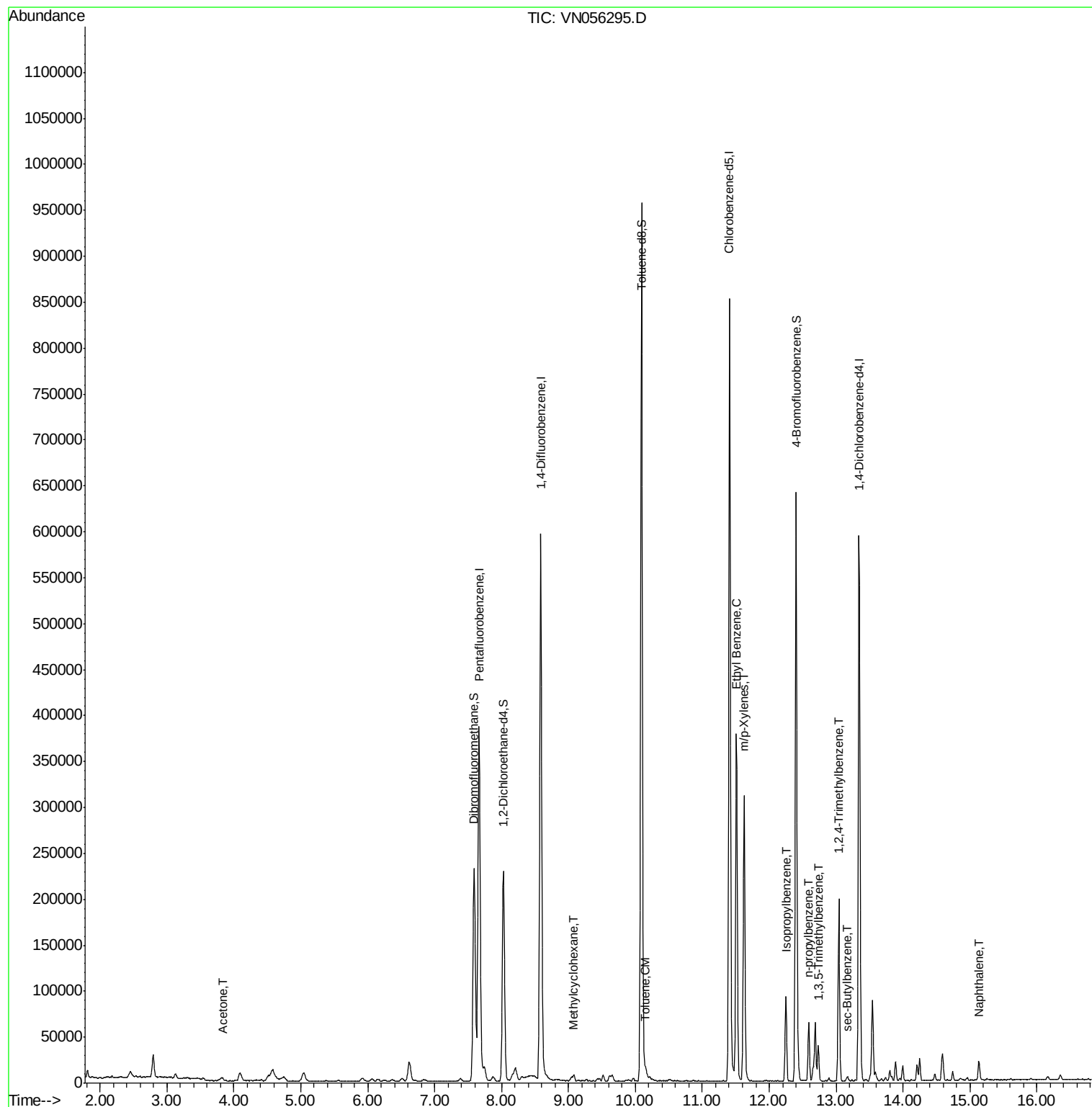
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	7440	4.517	ug/l #	84
39) Methylcyclohexane	9.08	83	3395	0.554	ug/l	95
52) Toluene	10.16	92	2650	0.285	ug/l	86
67) Ethyl Benzene	11.51	91	292238	15.201	ug/l	100
68) m/p-Xylenes	11.63	106	100994	13.752	ug/l	99
73) Isopropylbenzene	12.25	105	63239	2.664	ug/l	100
78) n-propylbenzene	12.59	91	53931	3.560	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	22153	1.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	118946	10.418	ug/l	100
85) sec-Butylbenzene	13.17	105	4073	0.304	ug/l	85
95) Naphthalene	15.13	128	20995	6.114	ug/l	97

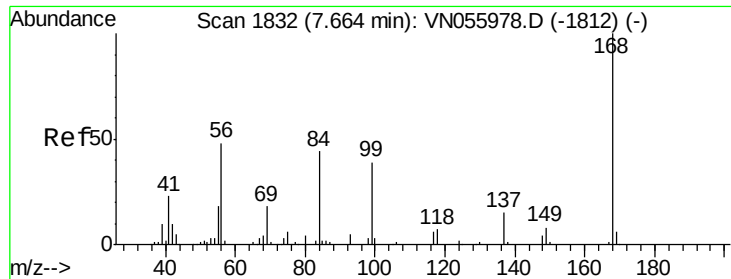
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061319\
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Quant Time: Jun 14 02:32:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 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: VN056295.D

Acq: 13 Jun 2019 20:41

Instrument :

MSVOA_N

ClientSampleId :

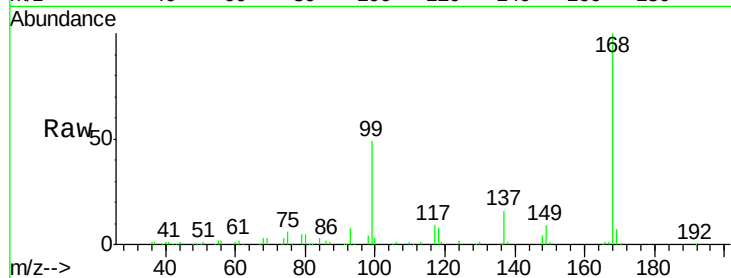
MW-5 061219

Tot Ion:168 Resp: 346858

Ion Ratio Lower Upper

168 100

99 49.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

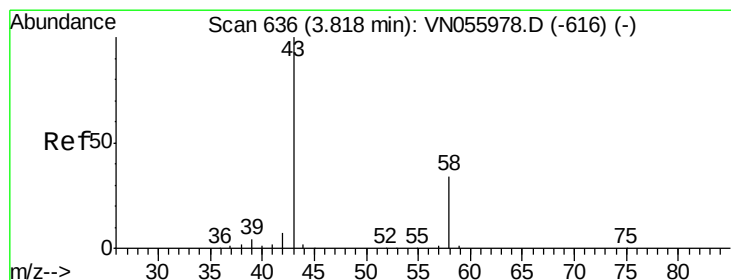
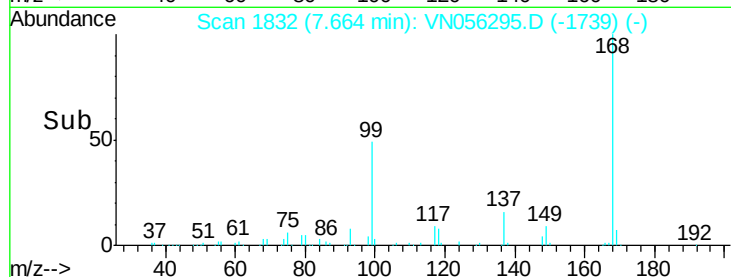
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.517 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN056295.D

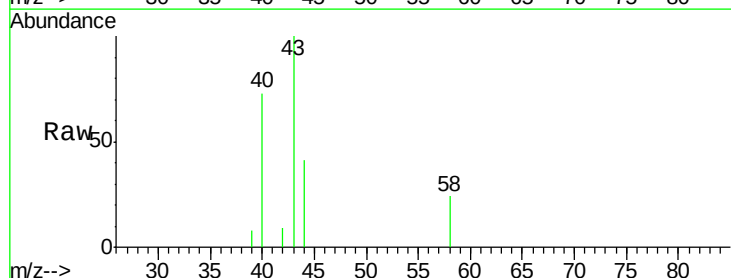
Acq: 13 Jun 2019 20:41

Tgt Ion: 43 Resp: 7440

Ion Ratio Lower Upper

43 100

58 23.9 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

2500

2000

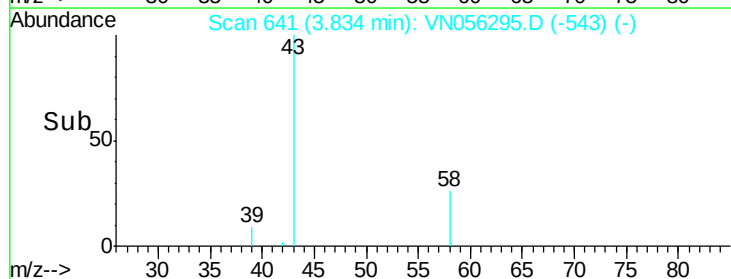
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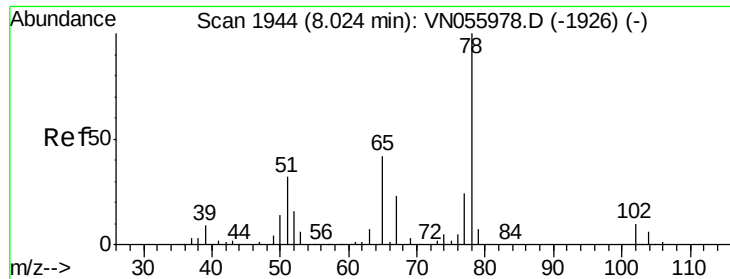
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Time-->

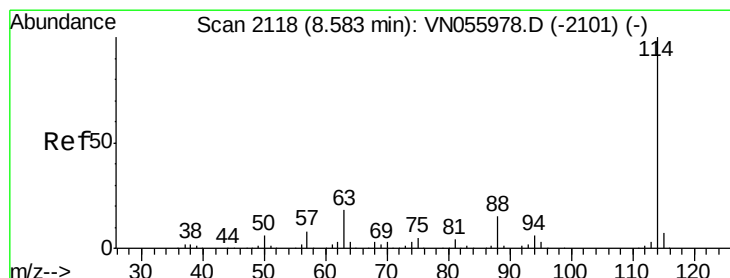
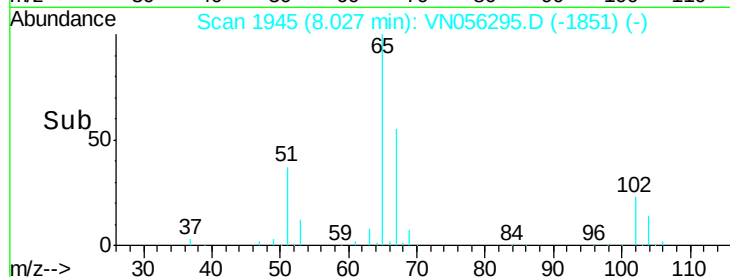
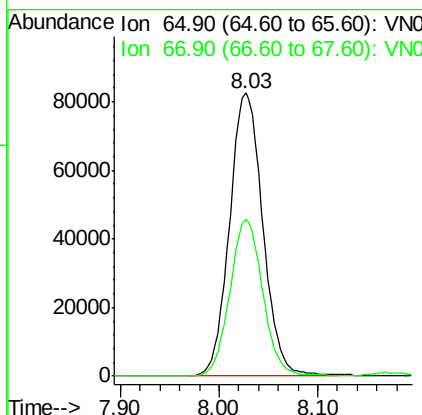
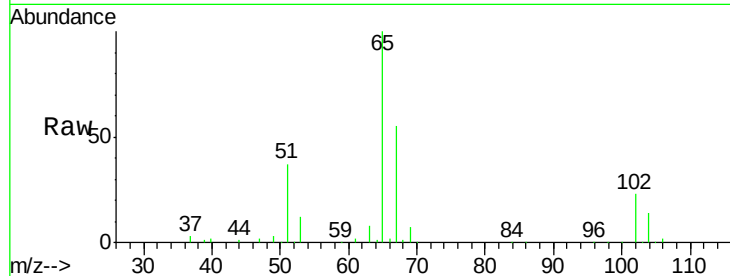




#33
 1,2-Dichloroethane-d4
 Concen: 56.374 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056295.D
 Acq: 13 Jun 2019 20:41

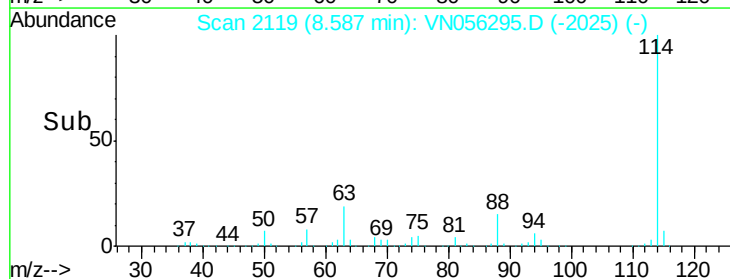
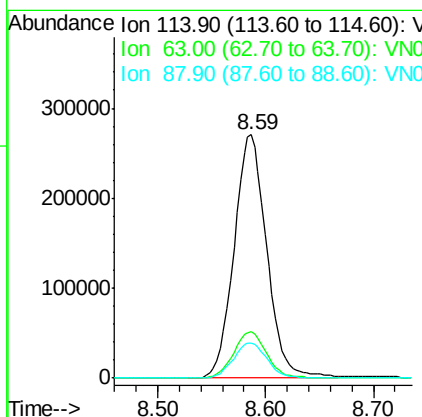
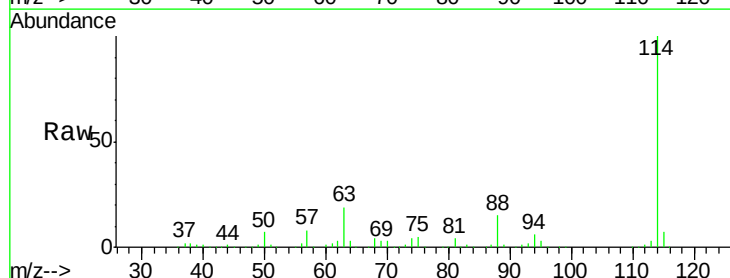
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219

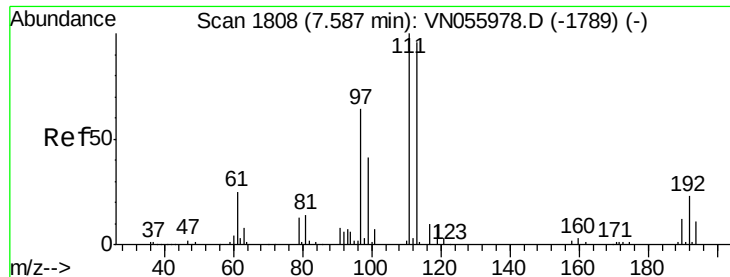
Tot Ion: 65 Resp: 194152
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056295.D
 Acq: 13 Jun 2019 20:41

Tgt Ion: 114 Resp: 572138
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.6 0.0 31.0

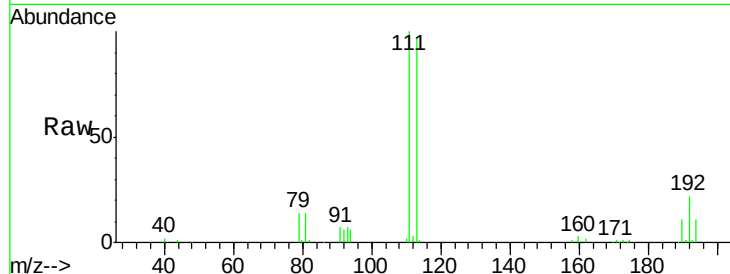




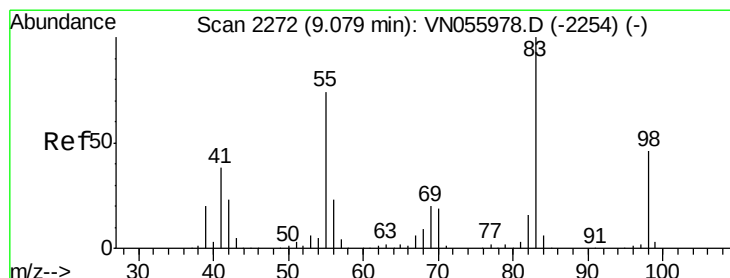
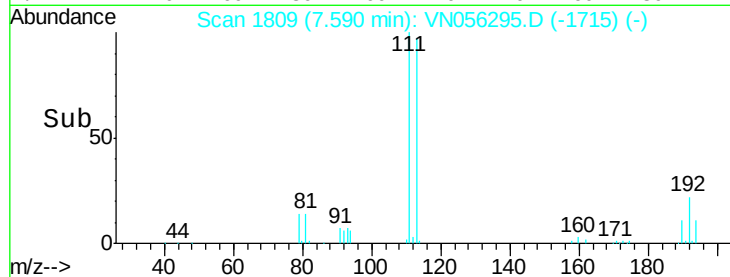
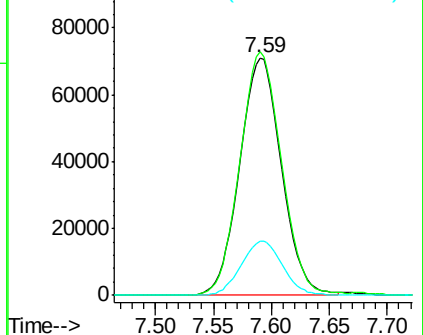
#35
 Dibromofluoromethane
 Concen: 50.749 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056295.D
 Acq: 13 Jun 2019 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219

Tot Ion:113 Resp: 178141
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 22.6 19.5 29.3

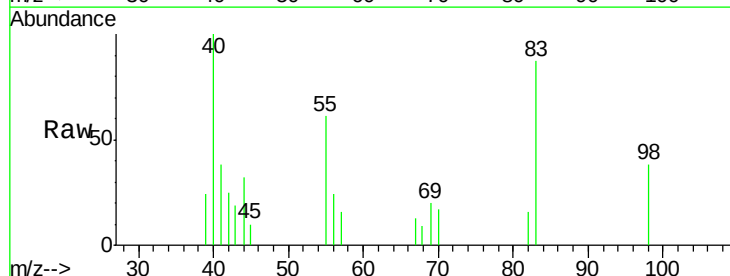


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

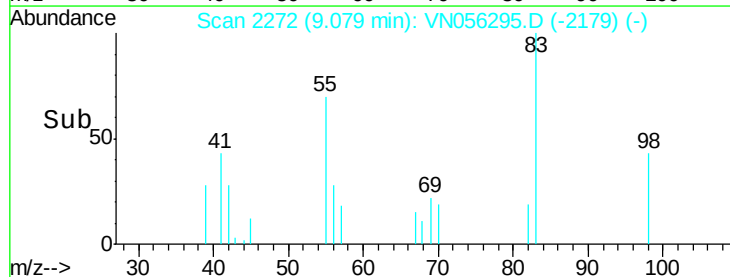
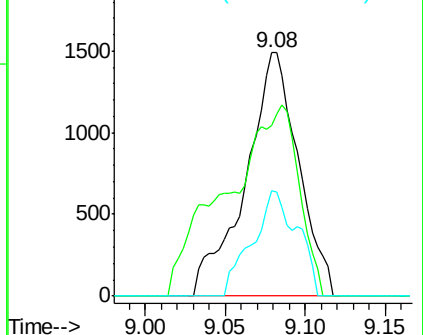


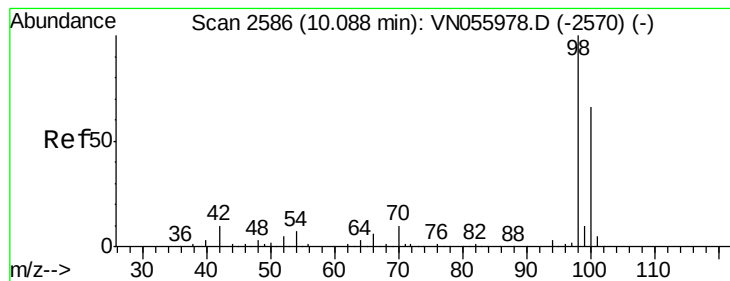
#39
 Methylcyclohexane
 Concen: 0.554 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056295.D
 Acq: 13 Jun 2019 20:41

Tgt Ion: 83 Resp: 3395
 Ion Ratio Lower Upper
 83 100
 55 69.9 59.3 88.9
 98 43.0 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO





#50

Toluene-d8

Concen: 52.223 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056295.D

Acq: 13 Jun 2019 20:41

Instrument :

MSVOA_N

ClientSampled :

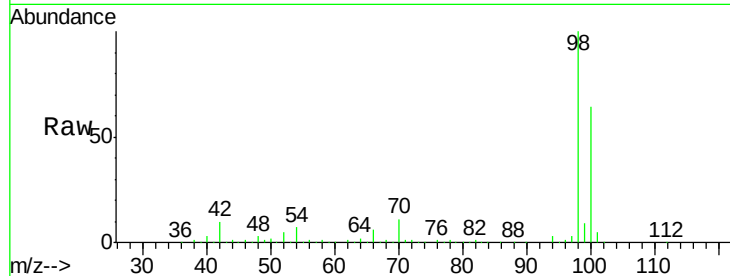
MW-5 061219

Tot Ion: 98 Resp: 705397

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

400000

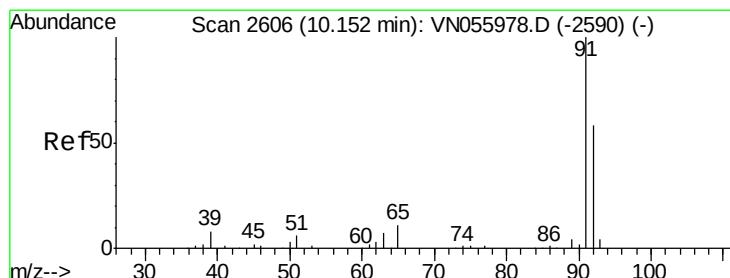
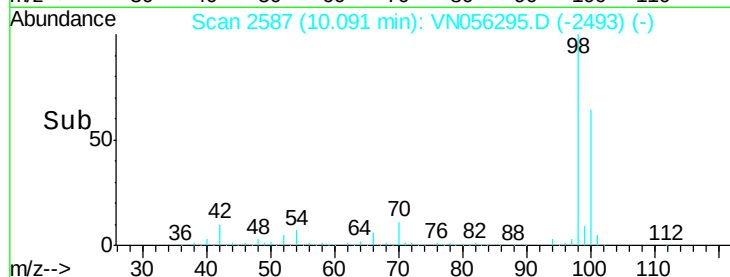
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.285 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056295.D

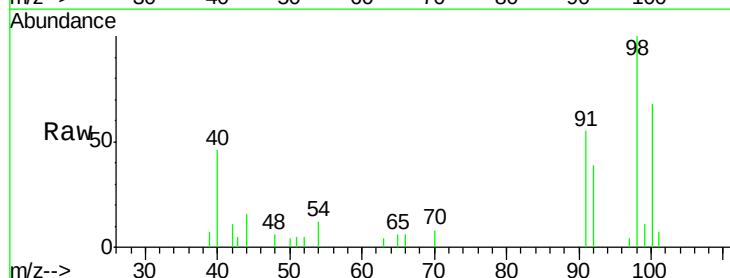
Acq: 13 Jun 2019 20:41

Tgt Ion: 92 Resp: 2650

Ion Ratio Lower Upper

92 100

91 154.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.16

2500

2000

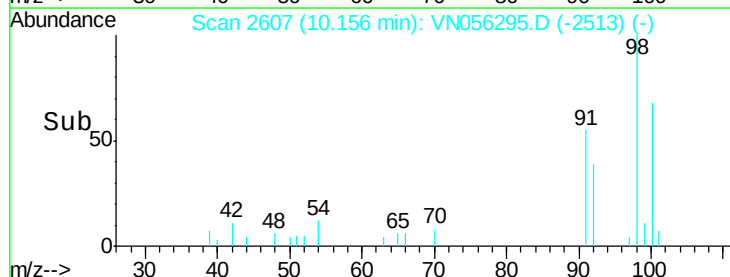
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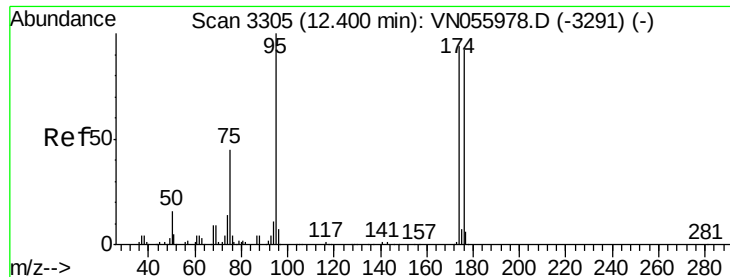
1000

500

0

Time-->

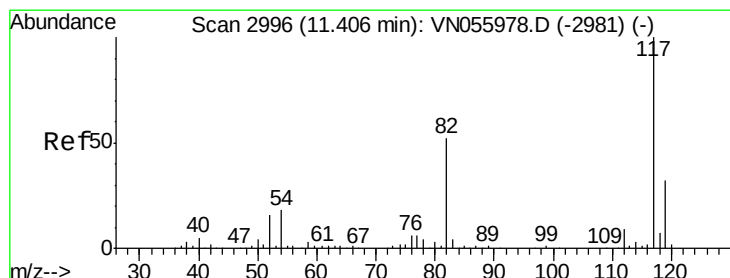
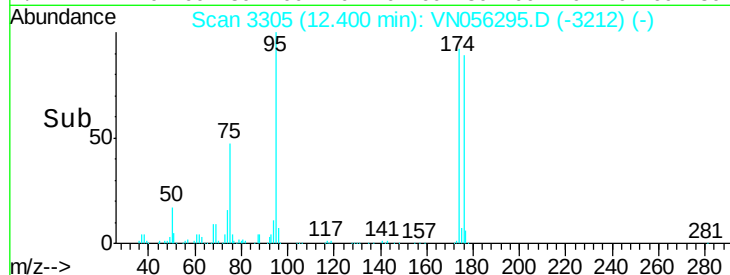
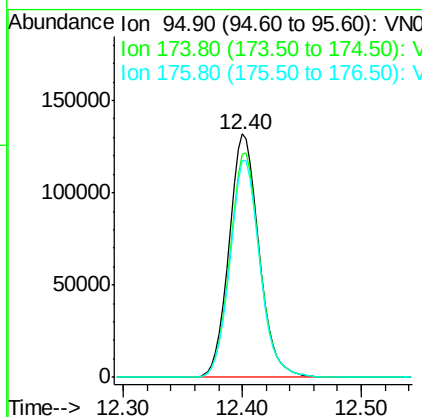
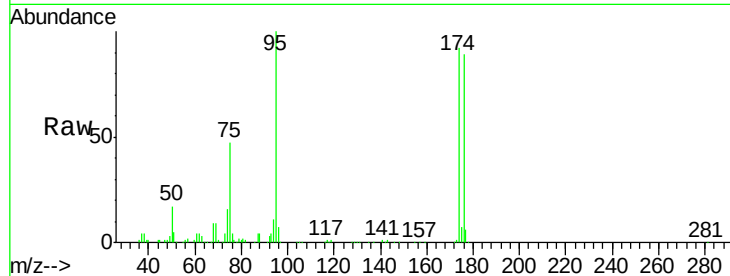




#62
4-Bromofluorobenzene
Concen: 50.019 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056295.D
Acq: 13 Jun 2019 20:41

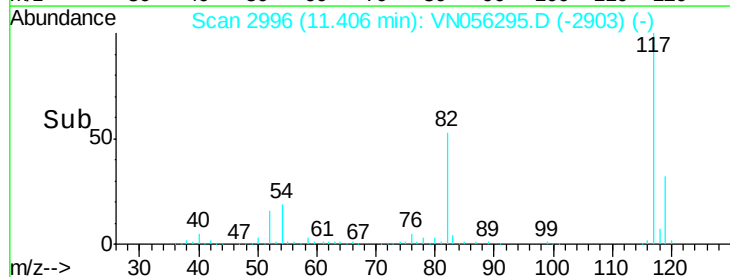
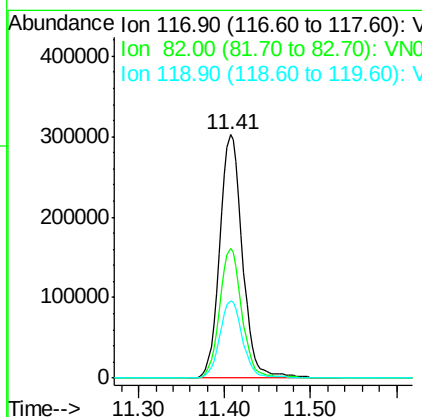
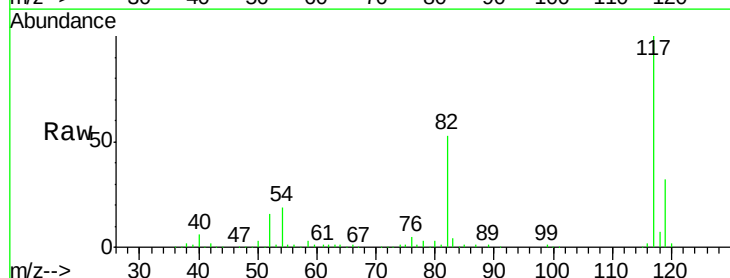
Instrument :
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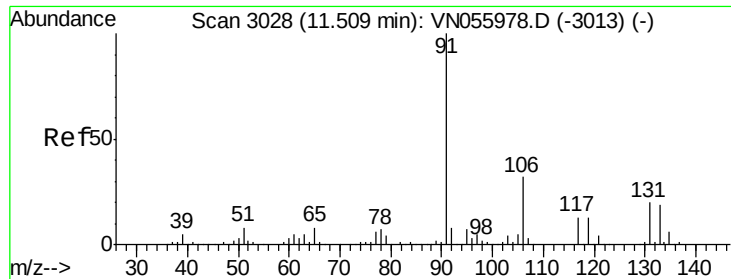
Tot Ion: 95 Resp: 229764
Ion Ratio Lower Upper
95 100
174 92.2 0.0 191.0
176 88.9 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056295.D
Acq: 13 Jun 2019 20:41

Tgt Ion: 117 Resp: 555520
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 31.8 25.4 38.0

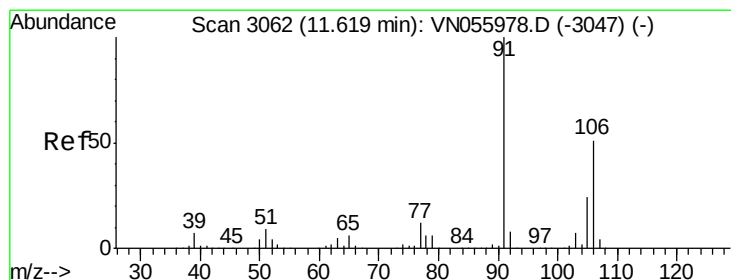
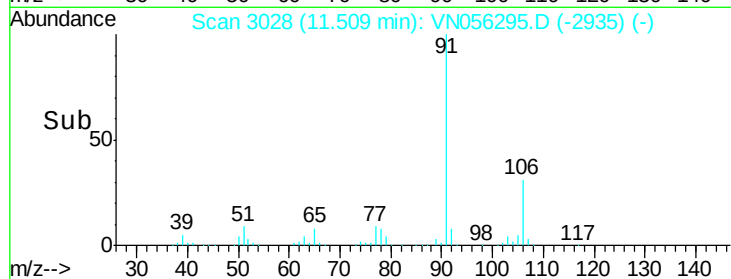
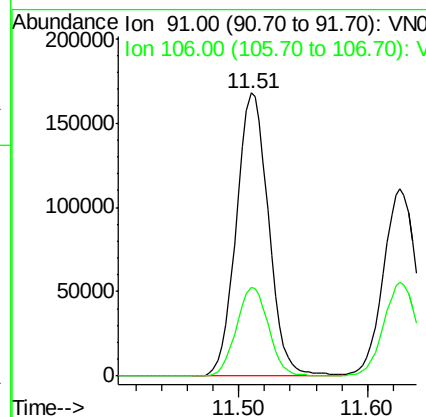
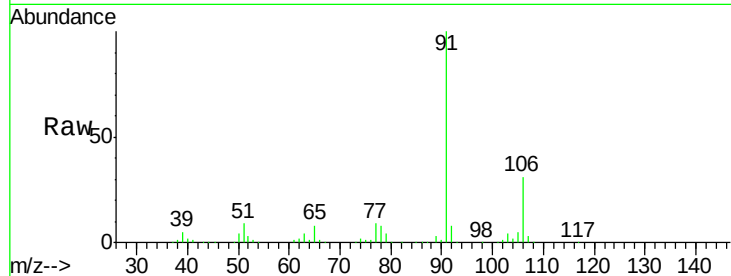




#67
Ethyl Benzene
Concen: 15.201 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056295.D
Acq: 13 Jun 2019 20:41

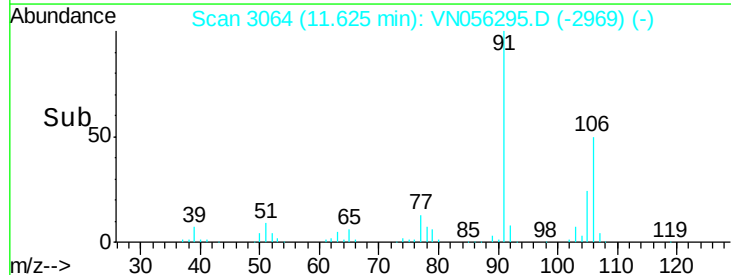
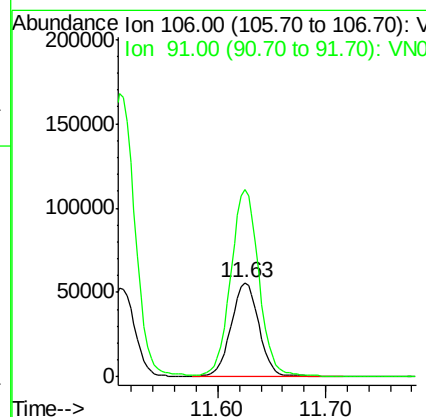
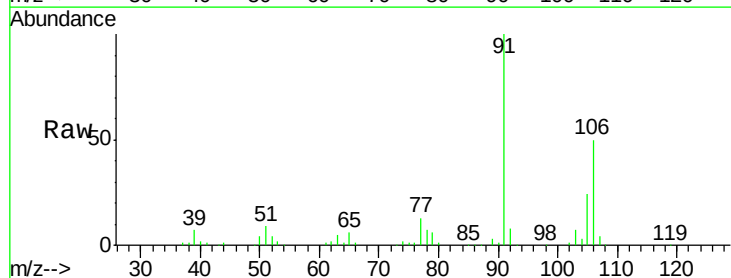
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MSVOA_N
ClientSampleId :
MW-5_061219

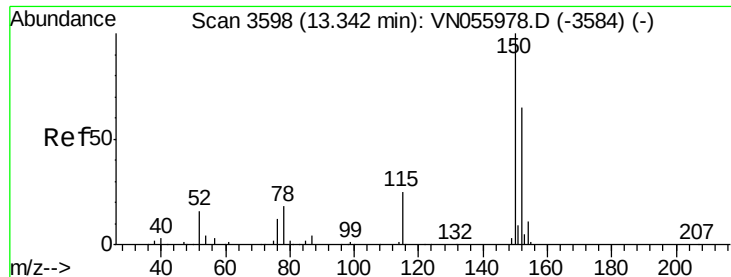
Tot Ion: 91 Resp: 292238
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 13.752 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN056295.D
Acq: 13 Jun 2019 20:41

Tgt Ion: 106 Resp: 100994
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056295.D

Acq: 13 Jun 2019 20:41

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219

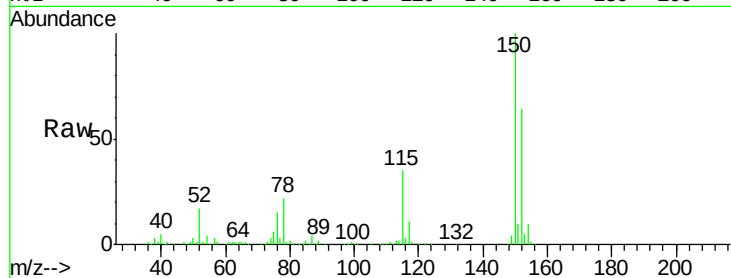
Tot Ion:152 Resp: 179060

Ion Ratio Lower Upper

152 100

115 56.0 27.0 81.0

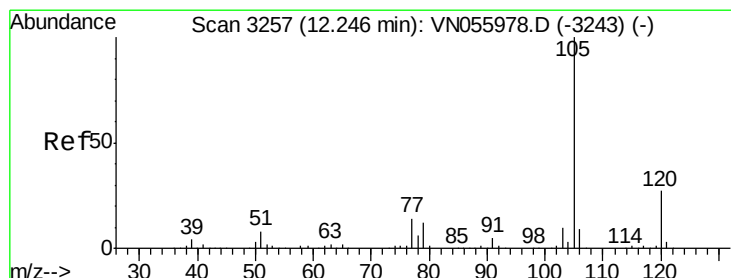
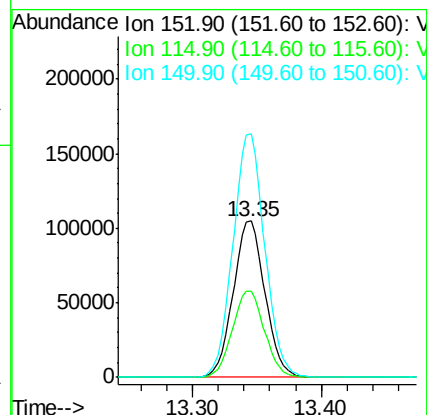
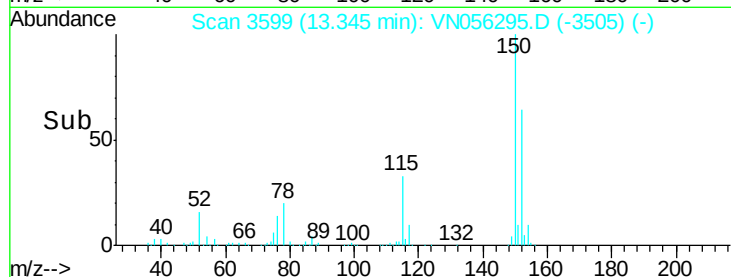
150 156.1 0.0 343.2



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



#73

Isopropylbenzene

Concen: 2.664 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056295.D

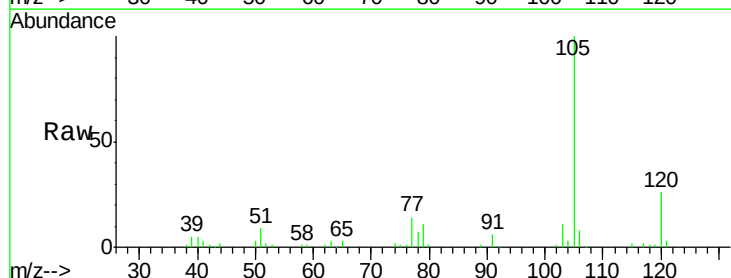
Acq: 13 Jun 2019 20:41

Tgt Ion:105 Resp: 63239

Ion Ratio Lower Upper

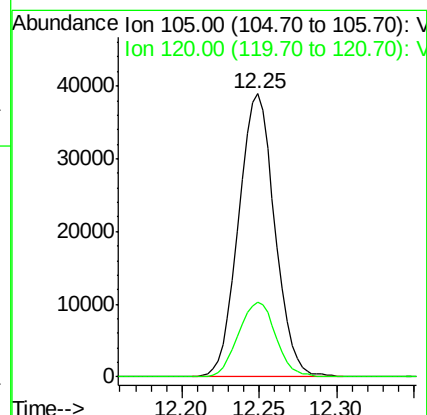
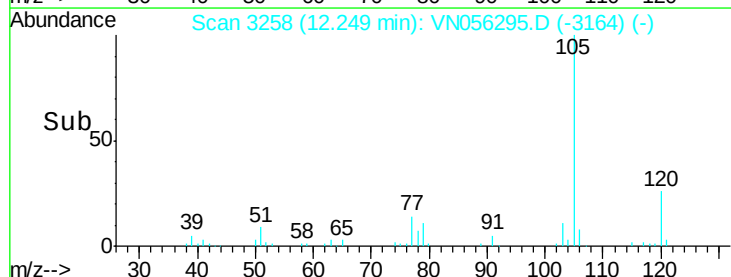
105 100

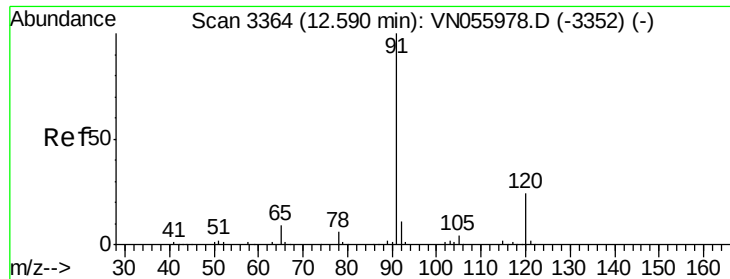
120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.560 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056295.D

Acq: 13 Jun 2019 20:41

Instrument :

MSVOA_N

ClientSampleId :

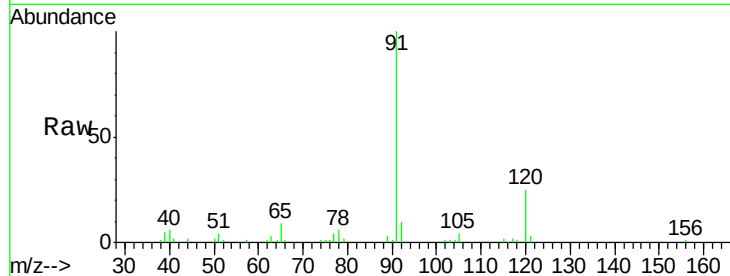
MW-5 061219

Tot Ion: 91 Resp: 53931

Ion Ratio Lower Upper

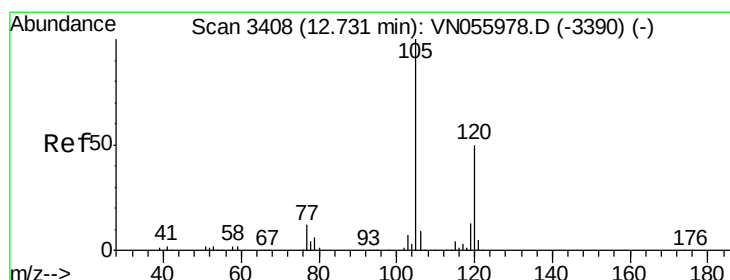
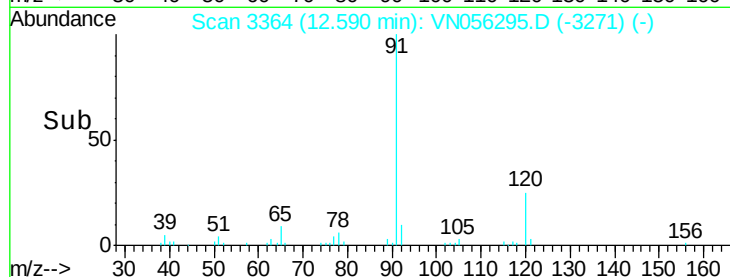
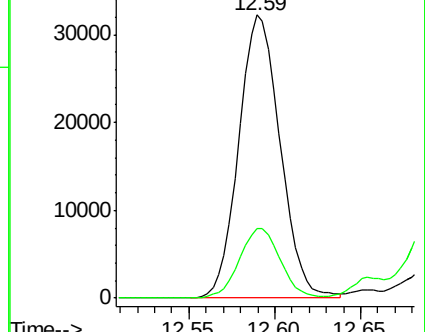
91 100

120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.840 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056295.D

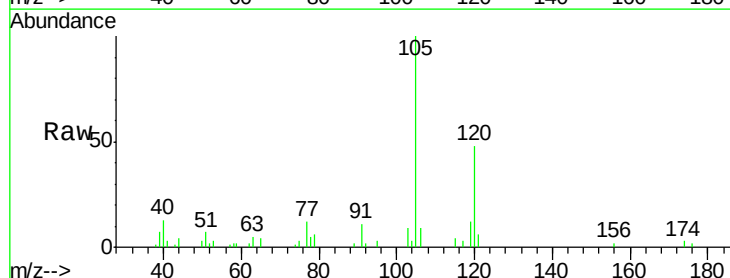
Acq: 13 Jun 2019 20:41

Tgt Ion: 105 Resp: 22153

Ion Ratio Lower Upper

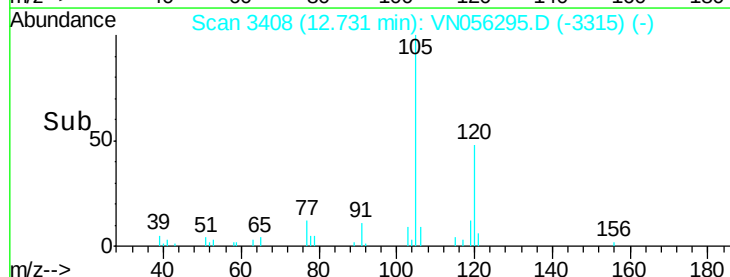
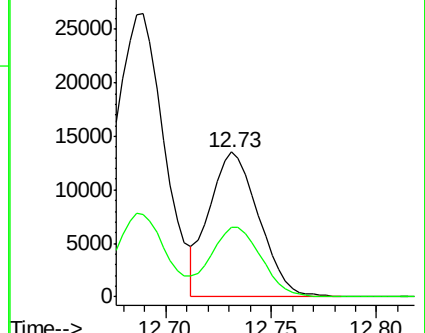
105 100

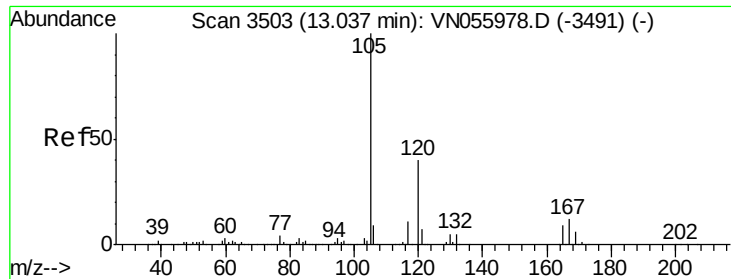
120 48.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)

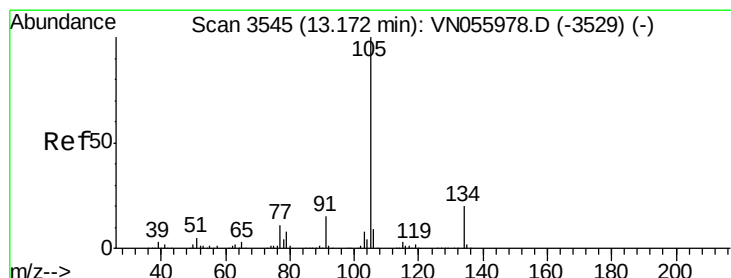
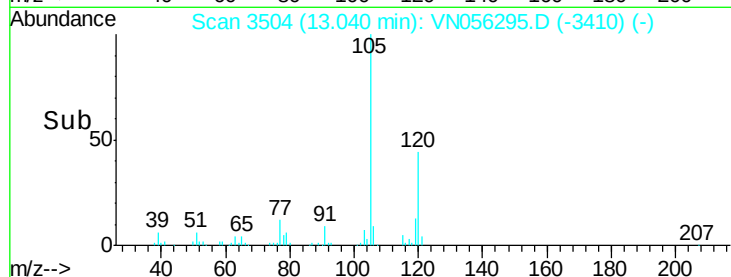
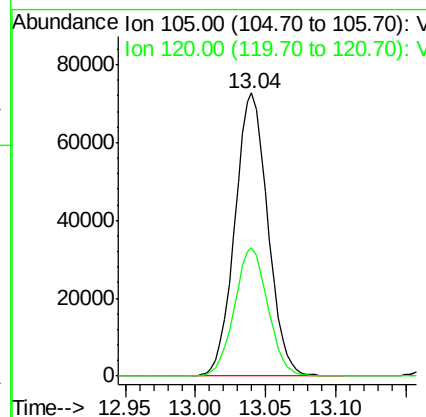
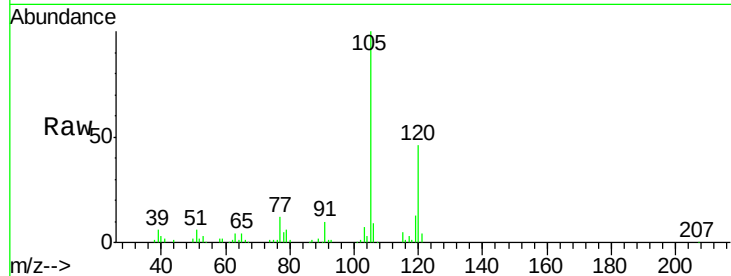




#84
 1,2,4-Trimethylbenzene
 Concen: 10.418 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056295.D
 Acq: 13 Jun 2019 20:41

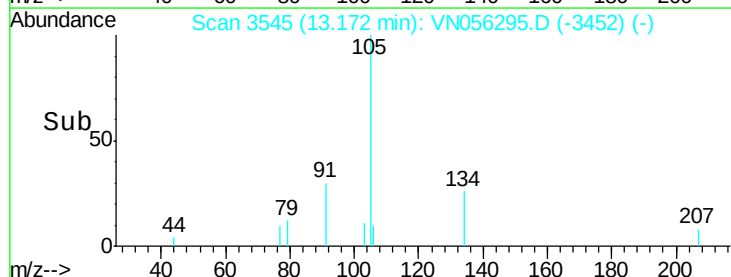
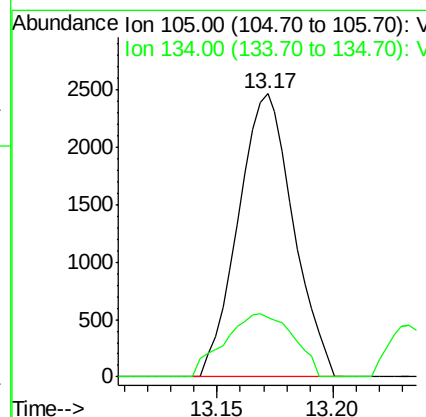
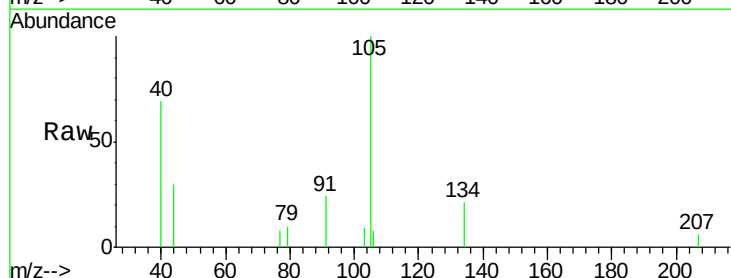
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219

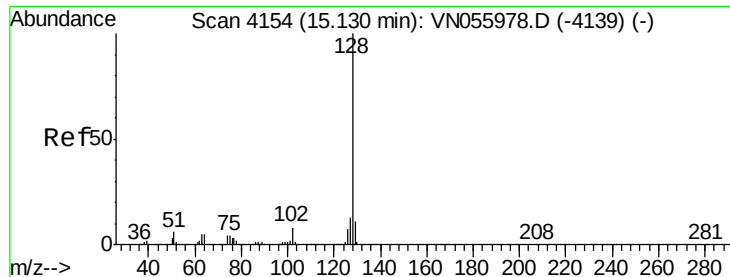
Tot Ion:105 Resp: 118946
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 0.304 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056295.D
 Acq: 13 Jun 2019 20:41

Tgt Ion:105 Resp: 4073
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.4 31.2





#95

Naphthalene

Concen: 6.114 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056295.D

Acq: 13 Jun 2019 20:41

Instrument :

MSVOA_N

ClientSampleId :

MW-5 061219

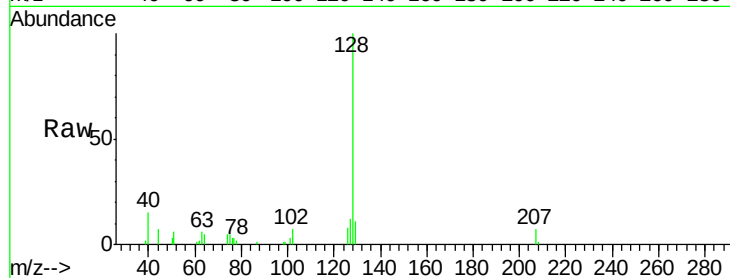
Tot Ion:128 Resp: 20995

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

129 10.3 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

