

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056195.D
 Acq On : 11 Jun 2019 3:05
 Operator : JC/SP
 Sample : K3214-01DL 250X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1ADL

Quant Time: Jun 11 05:33:21 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	290315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	447007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213987	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	156380	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	
35) Dibromofluoromethane	7.59	113	145447	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
50) Toluene-d8	10.09	98	576800	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.40	95	216064	60.20	ug/l	0.00
Spiked Amount			Recovery	=	120.40%	

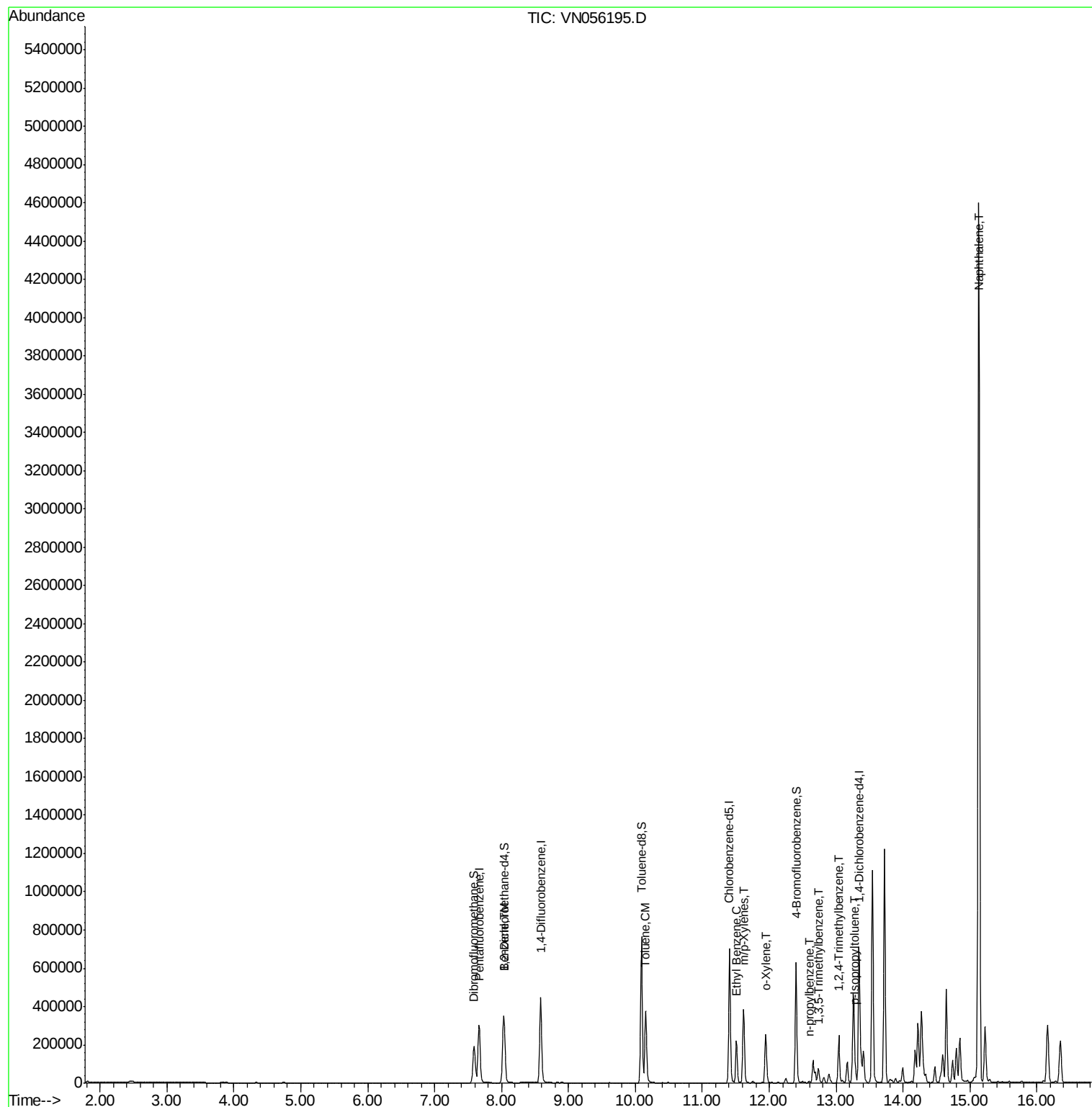
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.04	78	226877	19.434	ug/l	99
52) Toluene	10.16	92	174072	23.963	ug/l	99
67) Ethyl Benzene	11.51	91	167938	10.814	ug/l	98
68) m/p-Xylenes	11.62	106	132940	22.409	ug/l	96
69) o-Xylene	11.95	106	73387	12.576	ug/l	100
78) n-propylbenzene	12.59	91	9223	0.509	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	38499	2.676	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	137800	10.100	ug/l	99
86) p-Isopropyltoluene	13.29	119	37118	2.587	ug/l #	78
95) Naphthalene	15.13	128	4222646	384.639	ug/l	100

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

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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: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

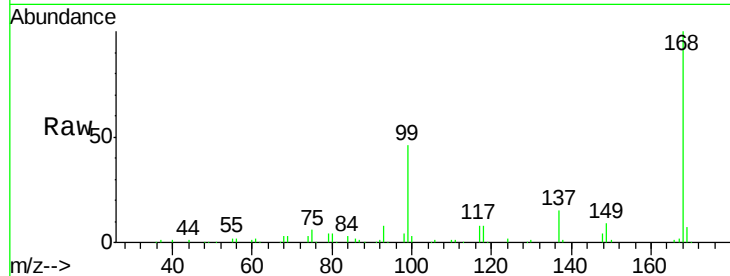
MW-1ADL

Tot Ion:168 Resp: 290315

Ion Ratio Lower Upper

168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

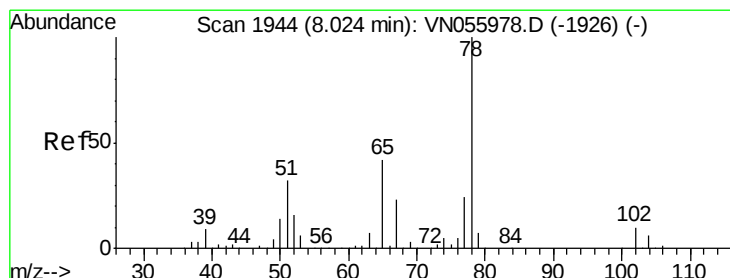
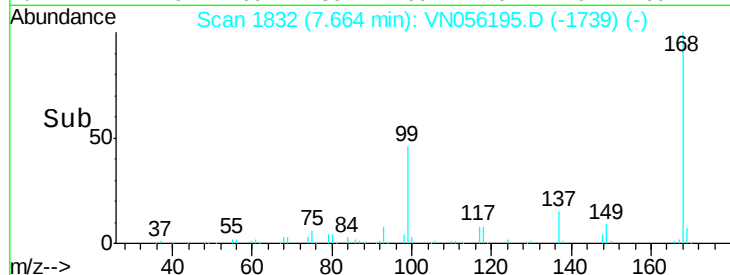
7.66

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.250 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056195.D

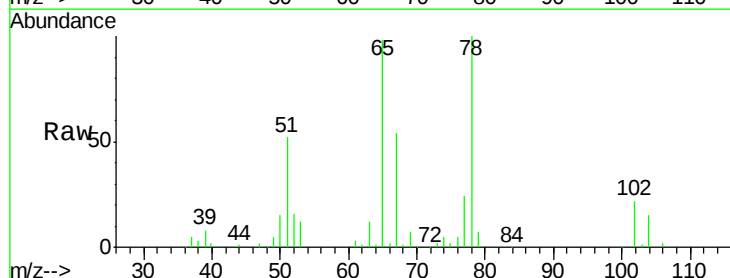
Acq: 11 Jun 2019 3:05

Tgt Ion: 65 Resp: 156380

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

80000

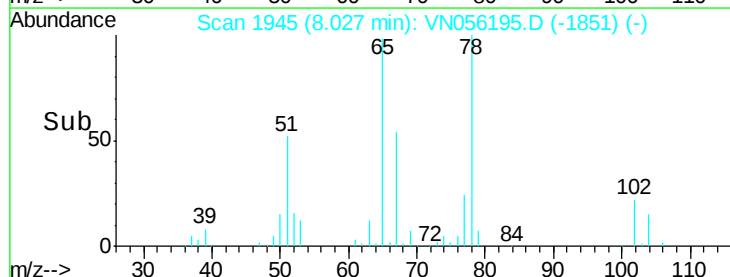
60000

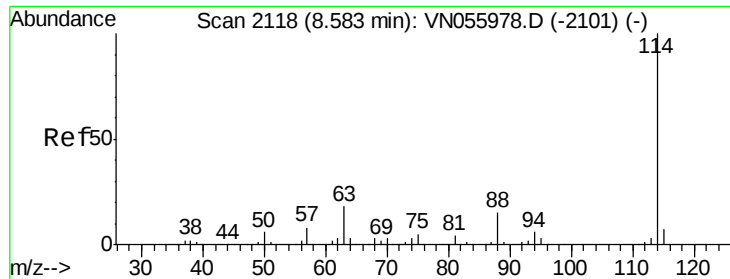
40000

20000

0

Time-->

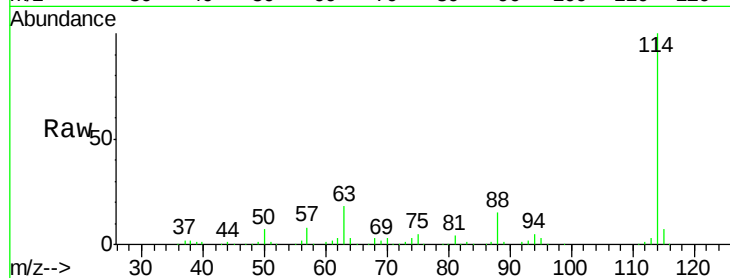




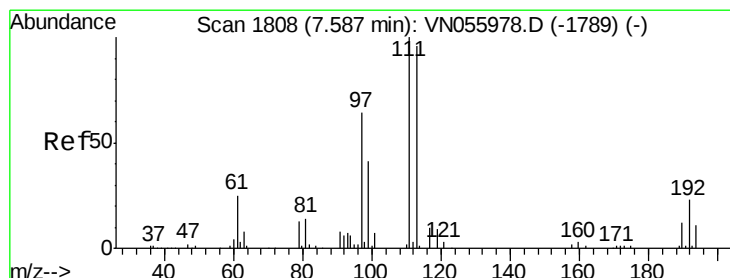
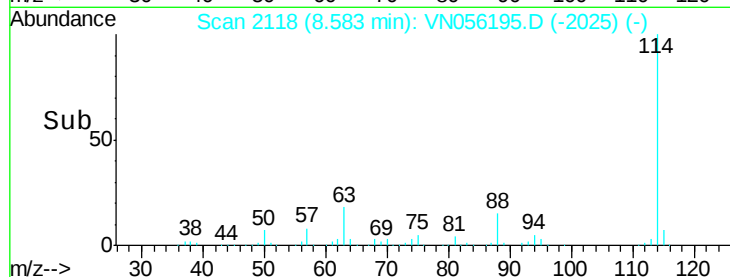
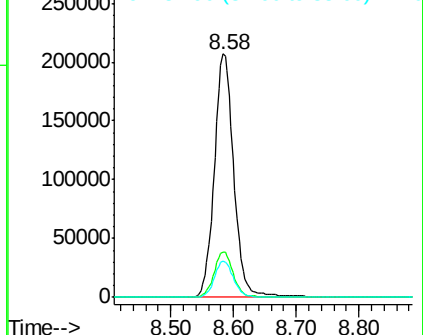
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1ADL

Tot Ion:114 Resp: 447007
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.8 0.0 31.0

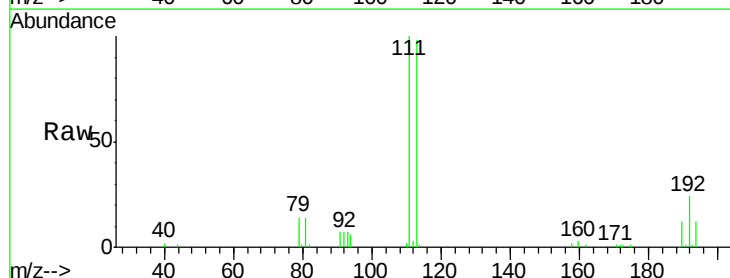


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

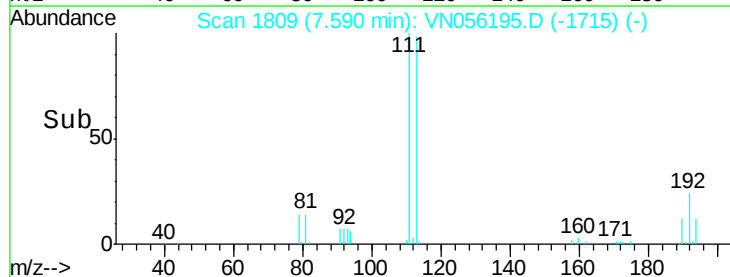
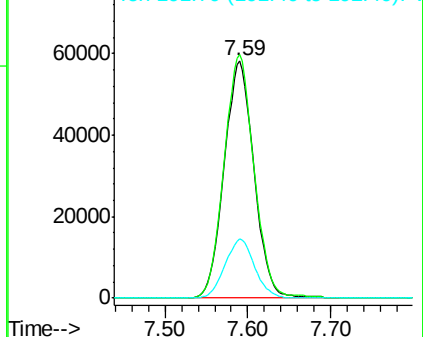


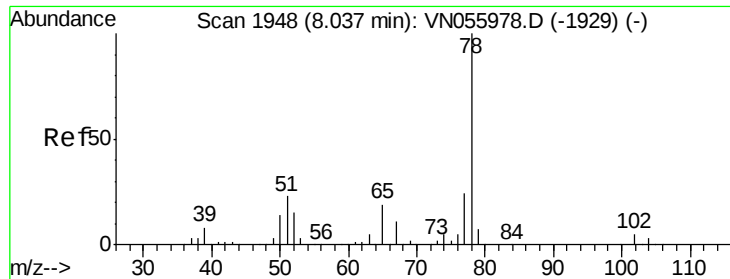
#35
 Dibromofluoromethane
 Concen: 53.034 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion:113 Resp: 145447
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 24.8 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





#40

Benzene

Concen: 19.434 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

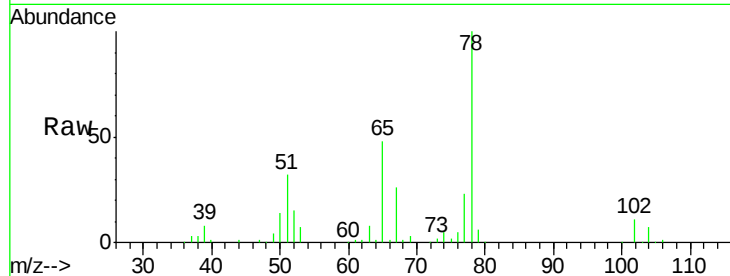
MW-1ADL

Tot Ion: 78 Resp: 226877

Ion Ratio Lower Upper

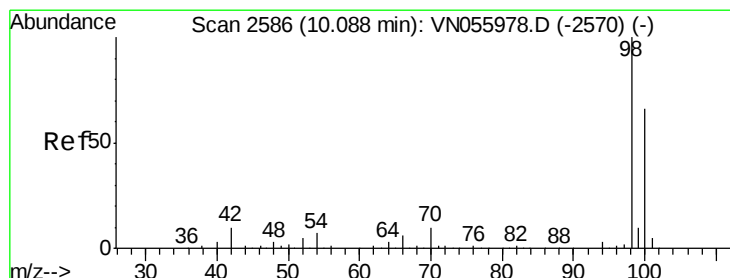
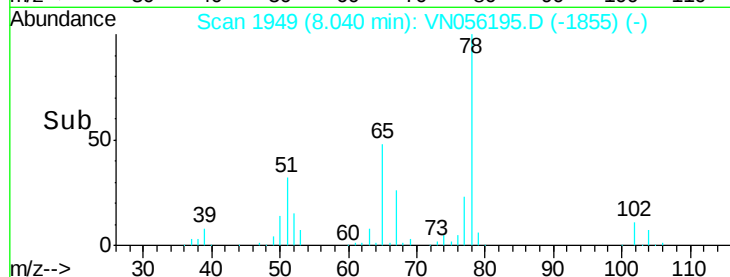
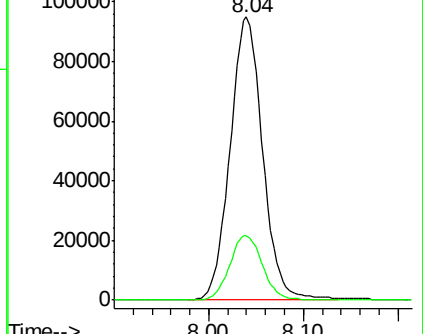
78 100

77 22.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 54.656 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056195.D

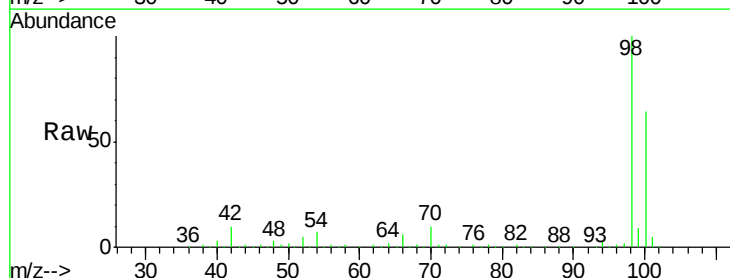
Acq: 11 Jun 2019 3:05

Tgt Ion: 98 Resp: 576800

Ion Ratio Lower Upper

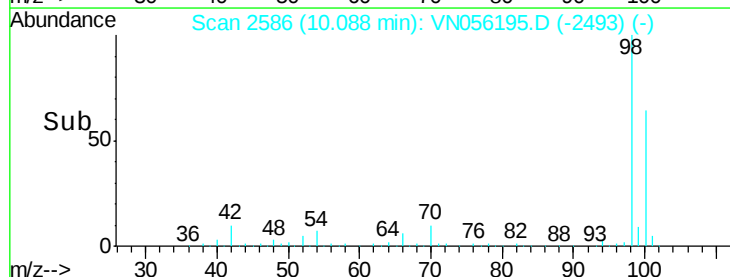
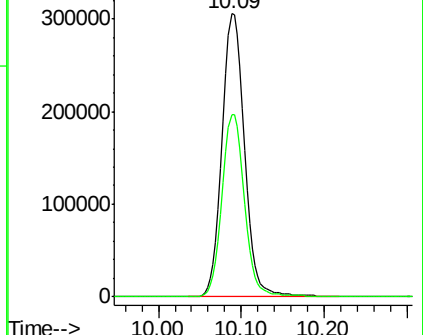
98 100

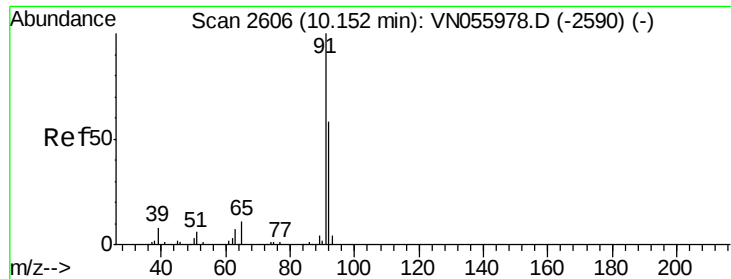
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 23.963 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

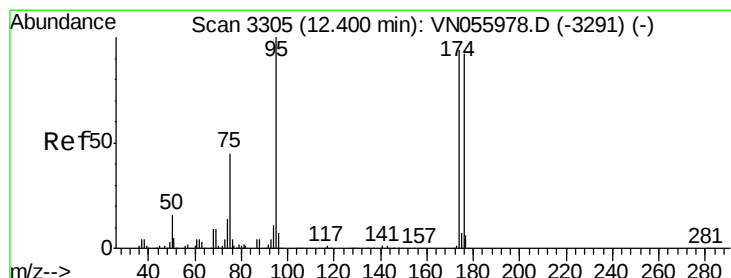
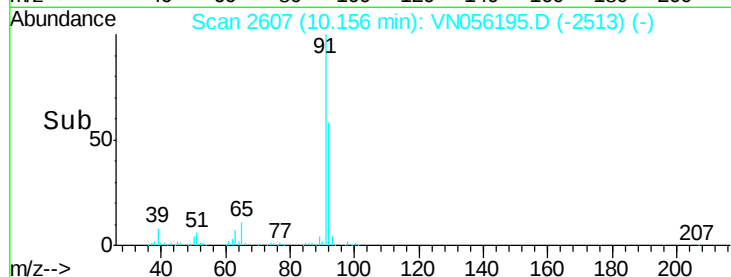
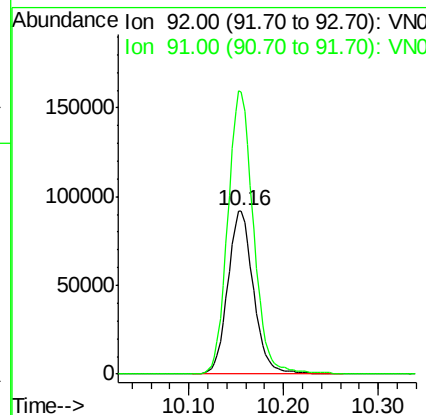
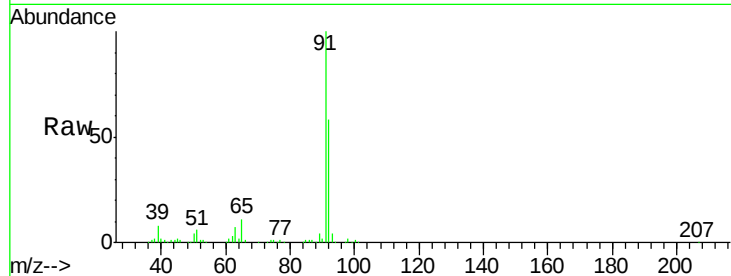
MW-1ADL

Tot Ion: 92 Resp: 174072

Ion Ratio Lower Upper

92 100

91 173.4 139.4 209.2



#62

4-Bromofluorobenzene

Concen: 60.203 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056195.D

Acq: 11 Jun 2019 3:05

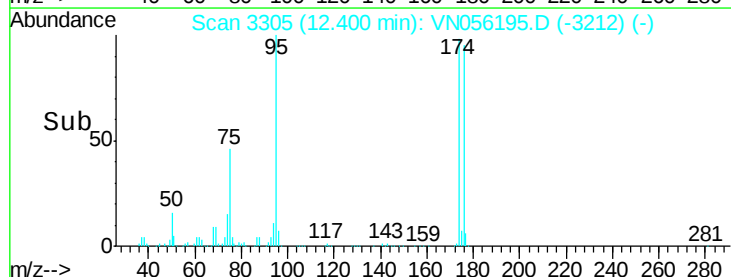
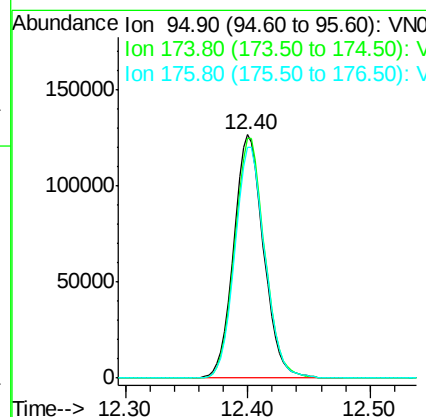
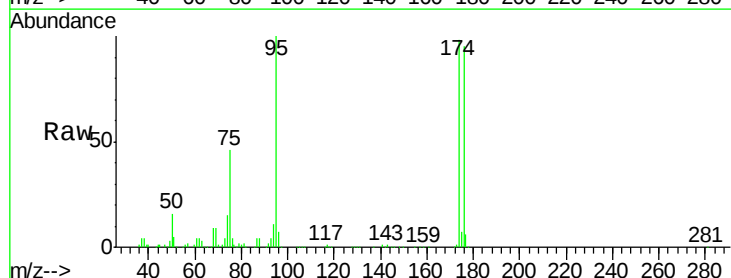
Tgt Ion: 95 Resp: 216064

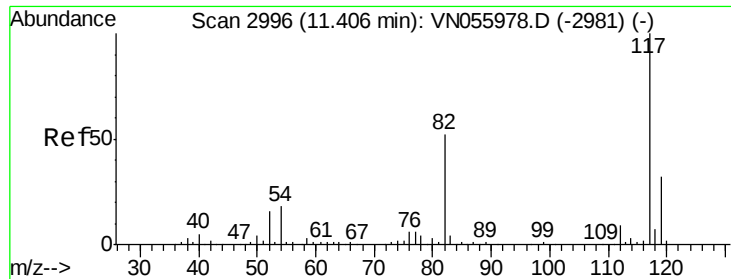
Ion Ratio Lower Upper

95 100

174 99.0 0.0 191.0

176 95.5 0.0 185.2

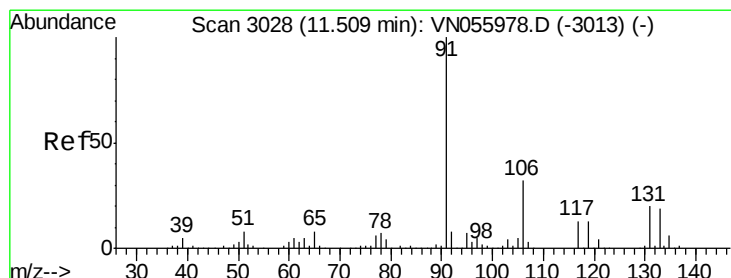
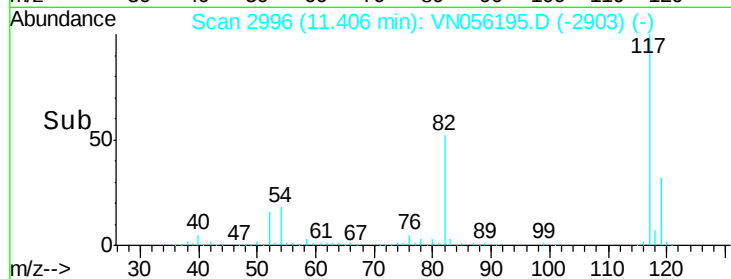
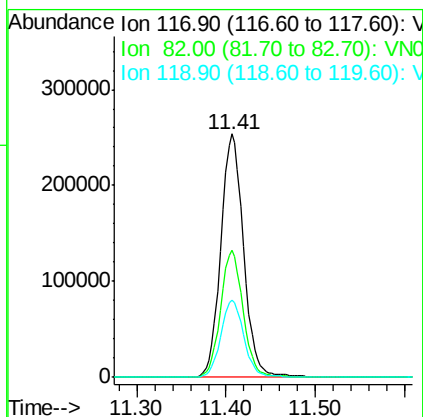
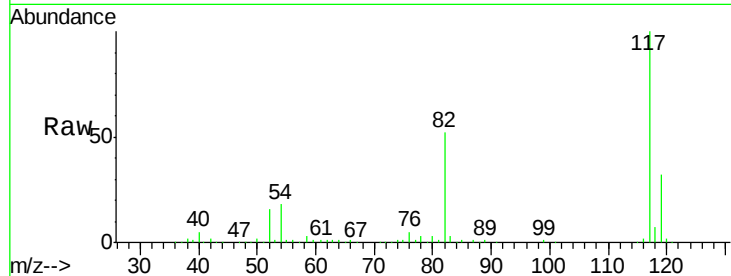




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

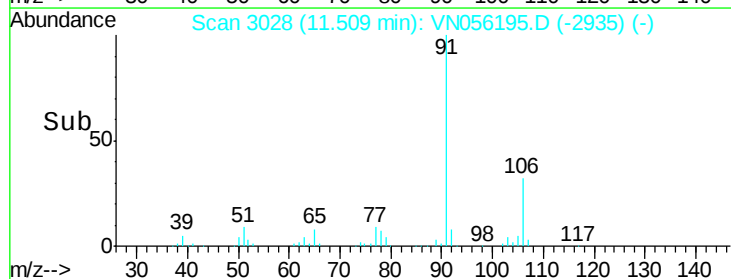
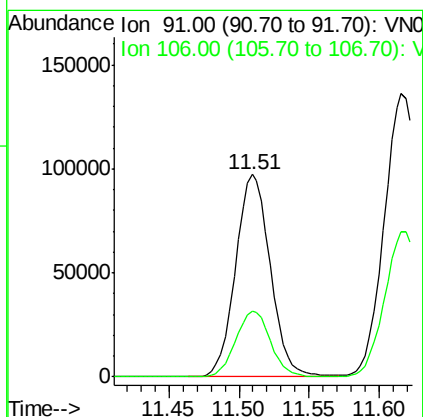
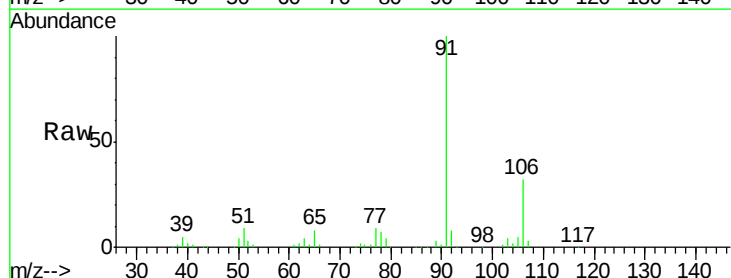
Instrument :
MSVOA_N
ClientSampleId :
MW-1ADL

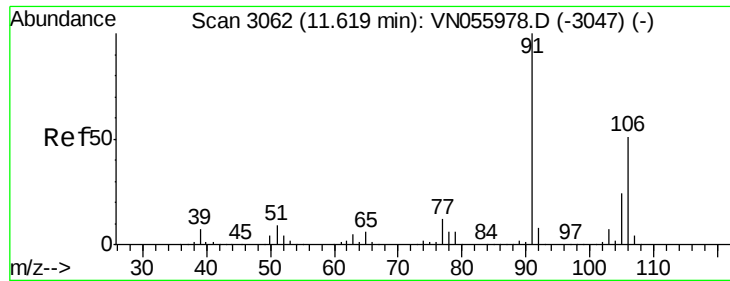
Tot Ion:117 Resp: 448740
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.0 25.4 38.0



#67
Ethyl Benzene
Concen: 10.814 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Tgt Ion: 91 Resp: 167938
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7

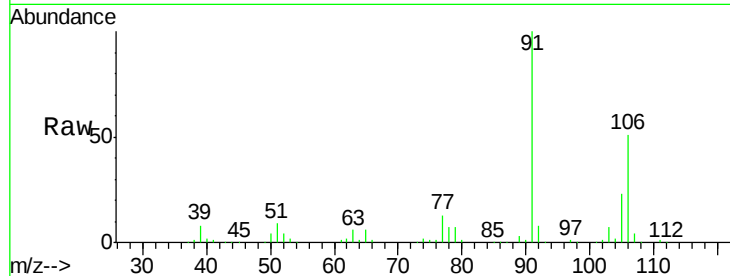




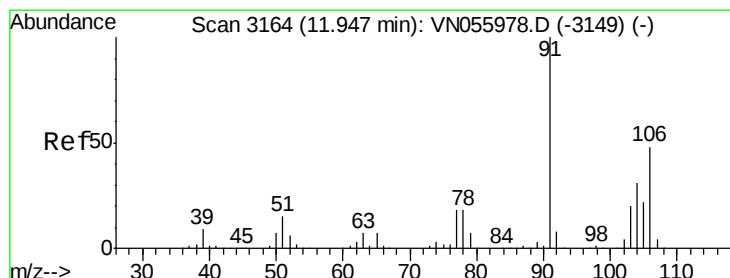
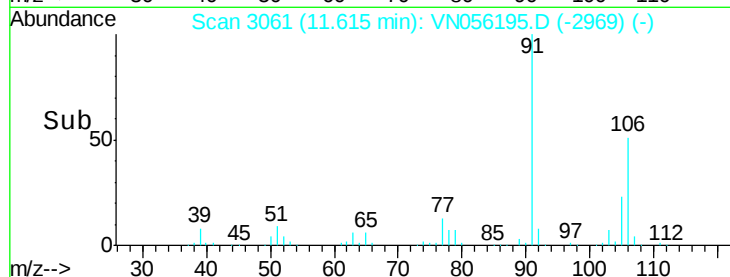
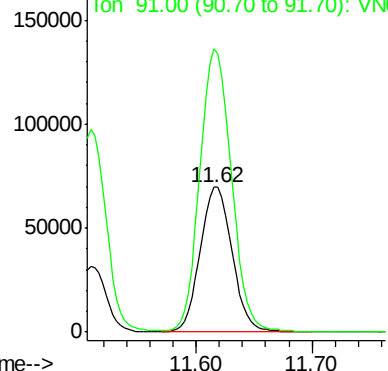
#68
m/p-Xylenes
Concen: 22.409 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Instrument :
MSVOA_N
ClientSampled :
MW-1ADL

Tot Ion:106 Resp: 132940
Ion Ratio Lower Upper
106 100
91 193.6 159.3 238.9

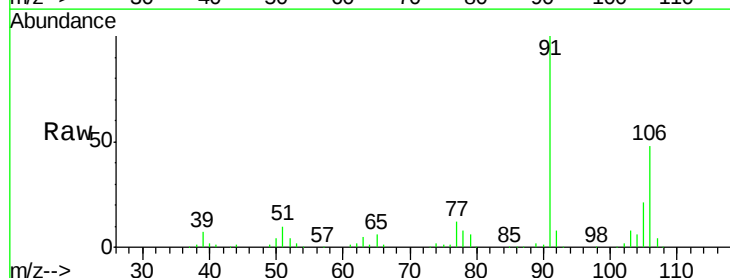


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

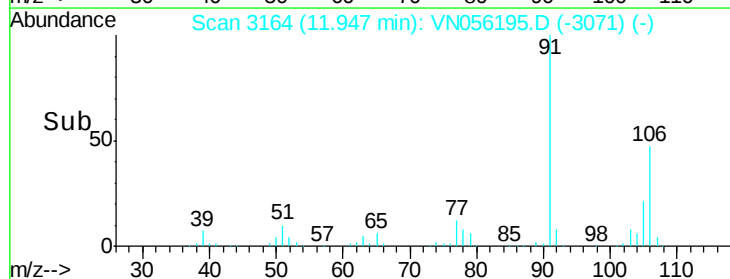
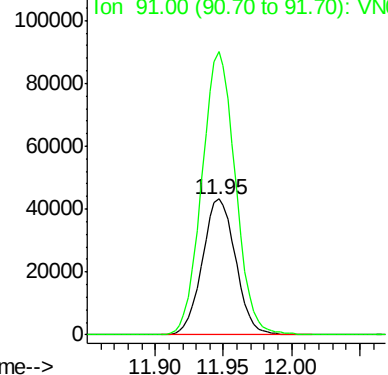


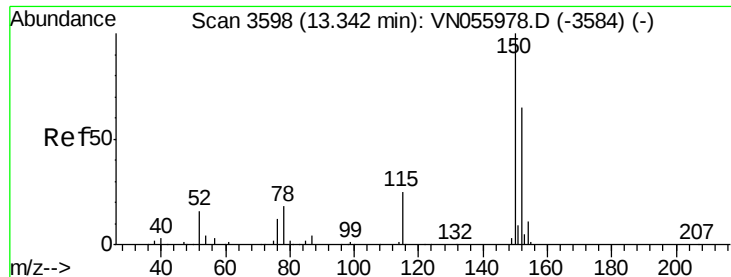
#69
o-Xylene
Concen: 12.576 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056195.D
Acq: 11 Jun 2019 3:05

Tgt Ion:106 Resp: 73387
Ion Ratio Lower Upper
106 100
91 209.6 104.7 314.1



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: VN056195.D

Acq: 11 Jun 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL

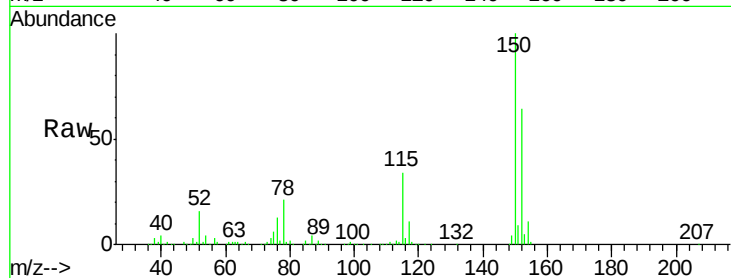
Tot Ion:152 Resp: 213987

Ion Ratio Lower Upper

152 100

115 52.4 27.0 81.0

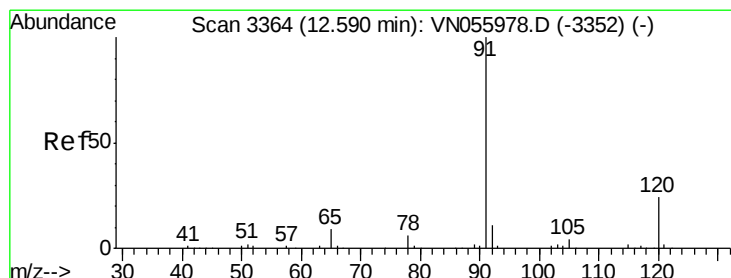
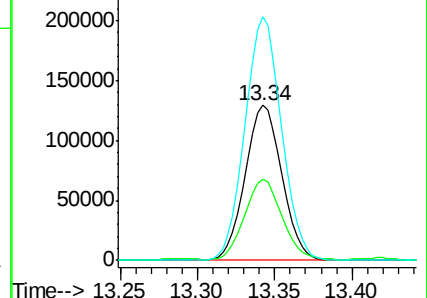
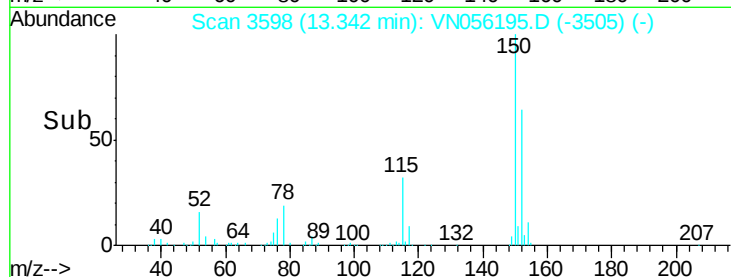
150 156.2 0.0 343.2



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



#78

n-propylbenzene

Concen: 0.509 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN056195.D

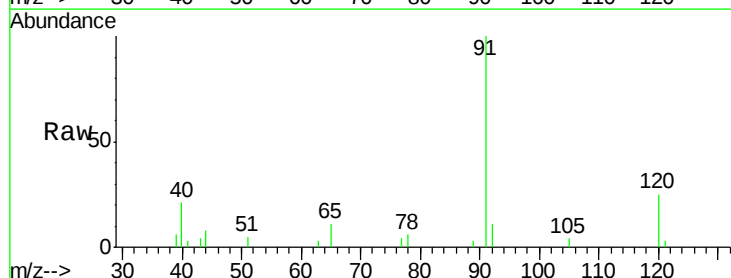
Acq: 11 Jun 2019 3:05

Tgt Ion: 91 Resp: 9223

Ion Ratio Lower Upper

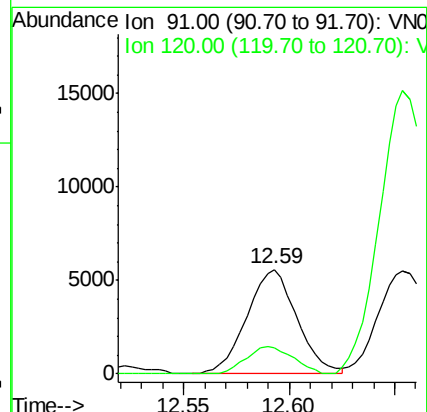
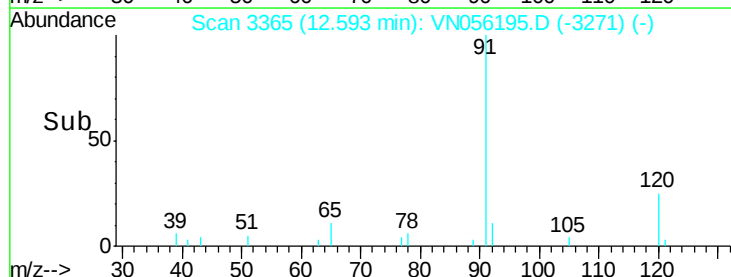
91 100

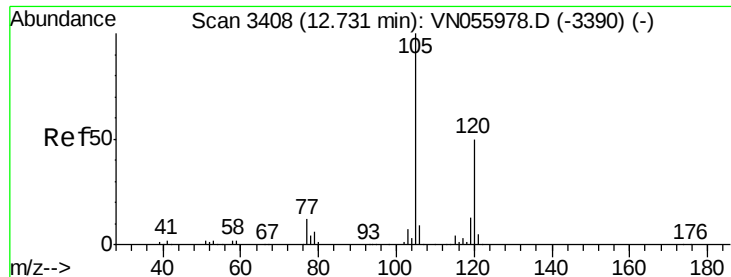
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

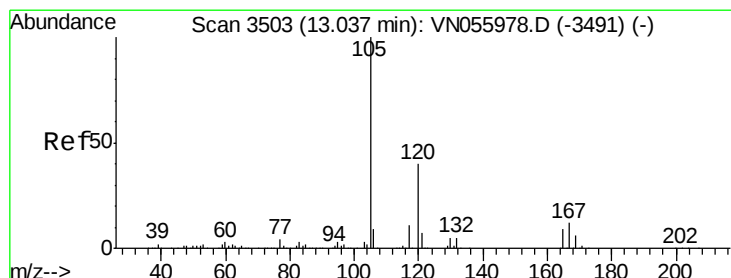
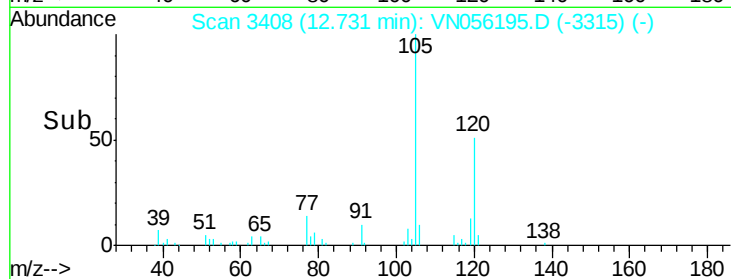
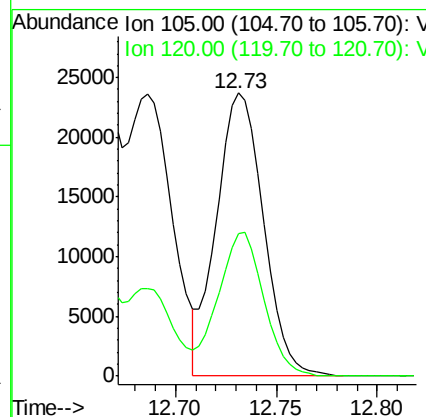
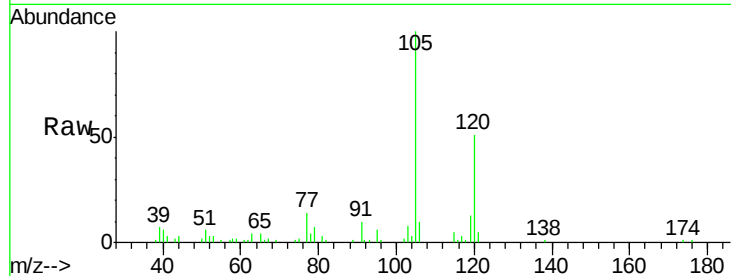




#80
 1,3,5-Trimethylbenzene
 Concen: 2.676 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

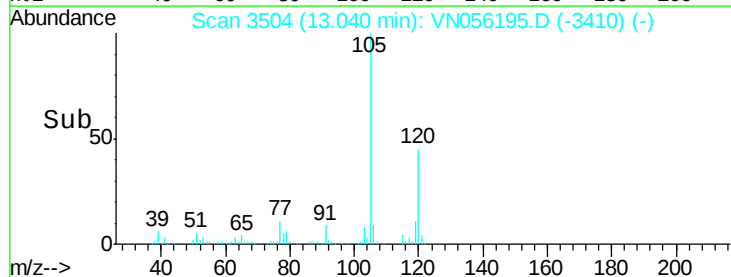
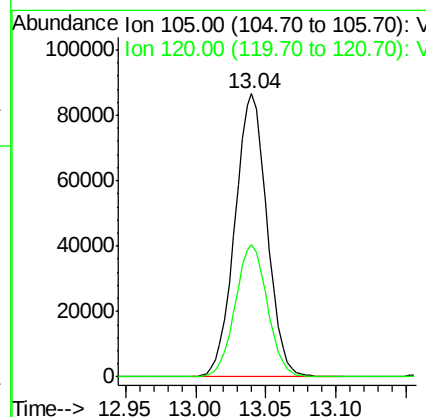
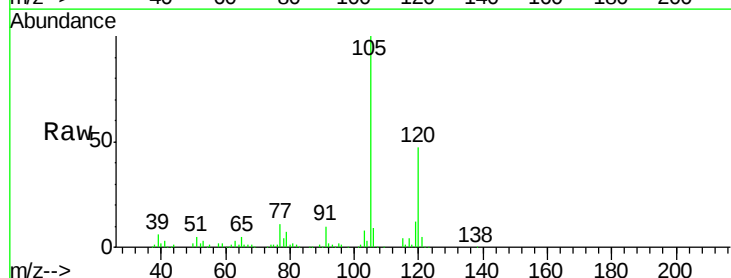
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1ADL

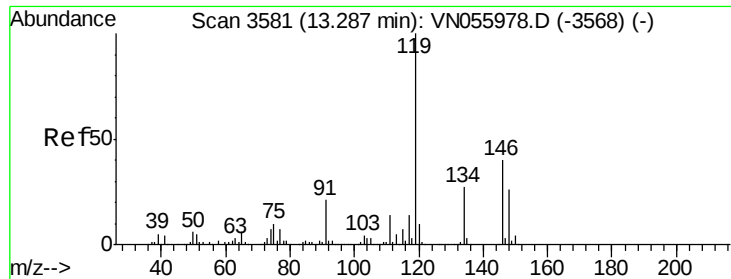
Tot Ion:105 Resp: 38499
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 10.100 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion:105 Resp: 137800
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0

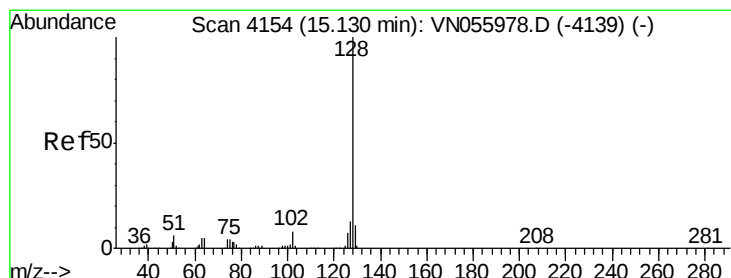
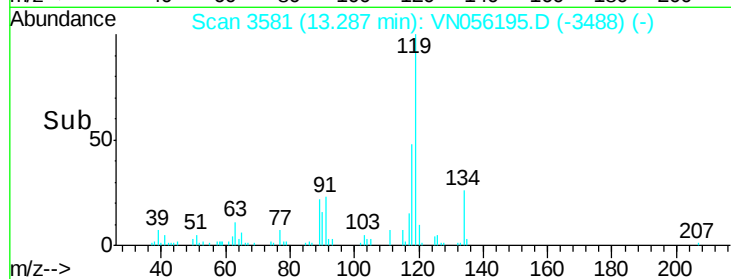
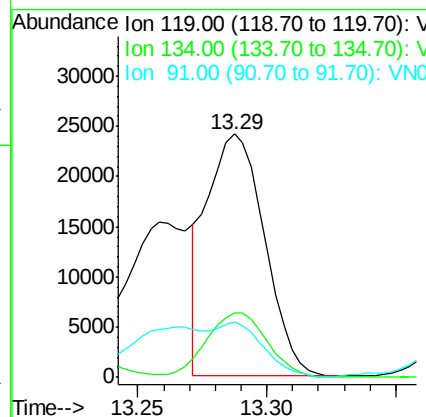
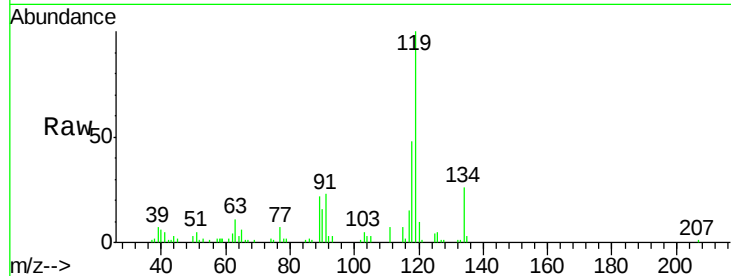




#86
 p-Isopropyltoluene
 Concen: 2.587 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1ADL

Tot Ion:119 Resp: 37118
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.4 40.1
 91 0.0 10.9 32.9#



#95
 Naphthalene
 Concen: 384.639 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056195.D
 Acq: 11 Jun 2019 3:05

Tgt Ion:128 Resp: 4222646
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 10.9 8.7 13.1

