

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058538.D
 Acq On : 4 Oct 2019 14:20
 Operator : JC/SP
 Sample : K5180-02DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40092DL

Quant Time: Oct 05 02:12:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

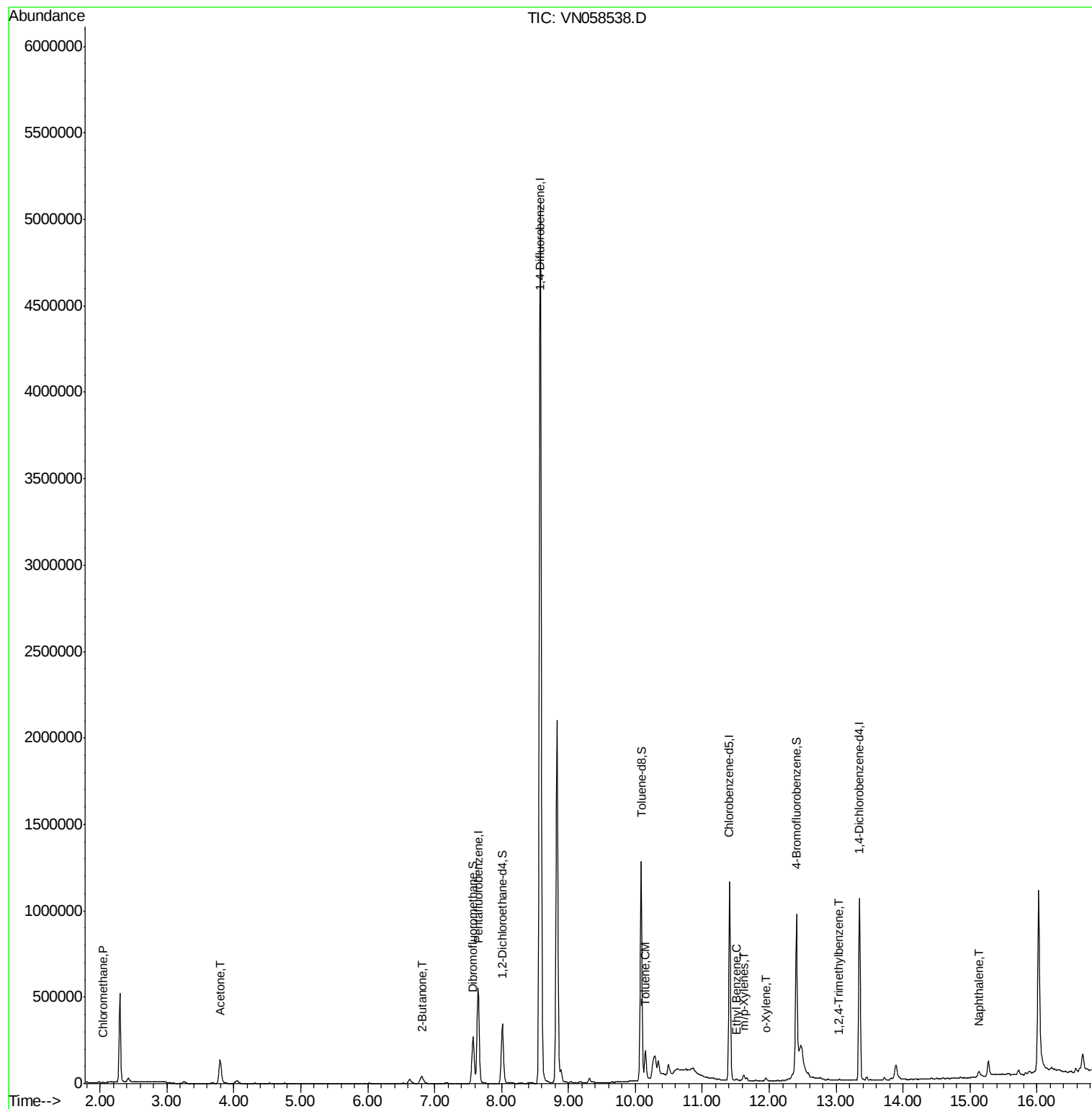
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	428240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	714273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	621868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	301134	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.57	113	202617	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	10.09	98	868090	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.41	95	287347	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1787	0.346	ug/l	90
16) Acetone	3.80	43	232792	109.123	ug/l	99
25) 2-Butanone	6.82	43	24317	8.302	ug/l	95
52) Toluene	10.15	92	68670	5.557	ug/l	99
67) Ethyl Benzene	11.51	91	4971	0.222	ug/l #	74
68) m/p-Xylenes	11.62	106	9783	1.161	ug/l	99
69) o-Xylene	11.95	106	4387	0.541	ug/l	95
84) 1,2,4-Trimethylbenzene	13.05	105	3330	0.204	ug/l	90
95) Naphthalene	15.13	128	13080	0.987	ug/l #	96

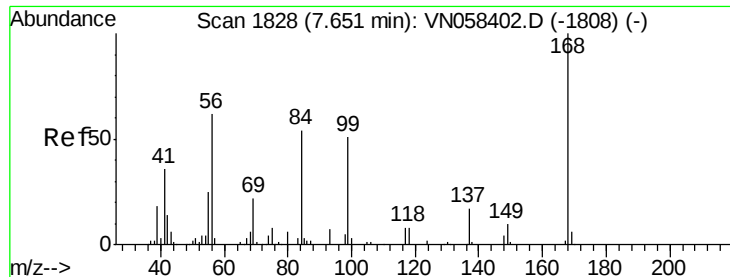
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

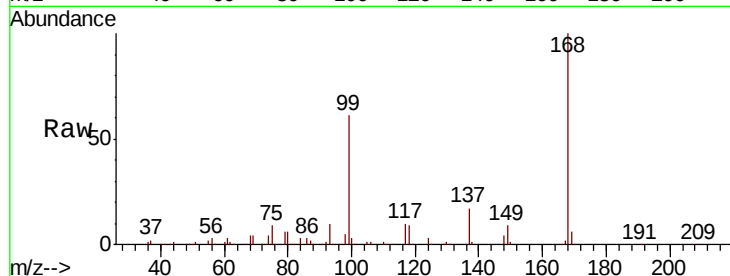
40092DL

Tot Ion:168 Resp: 428240

Ion Ratio Lower Upper

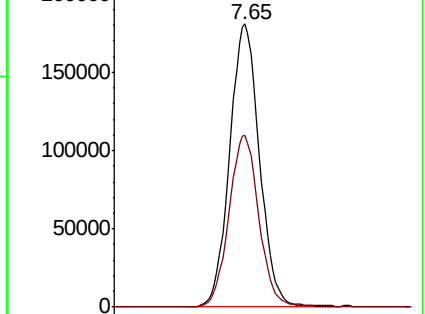
168 100

99 60.7 47.7 71.5

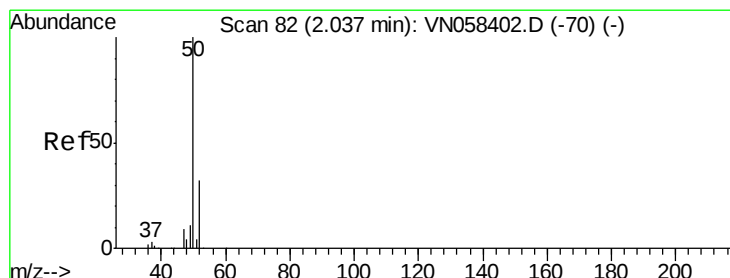
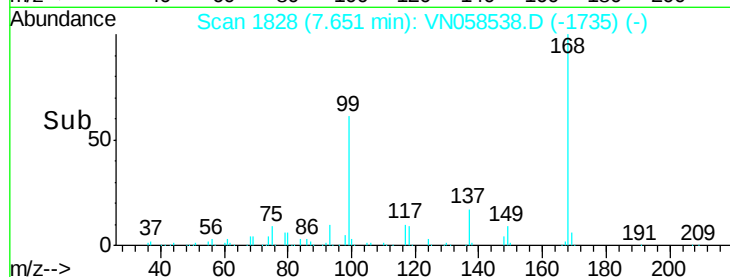


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#3

Chloromethane

Concen: 0.346 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058538.D

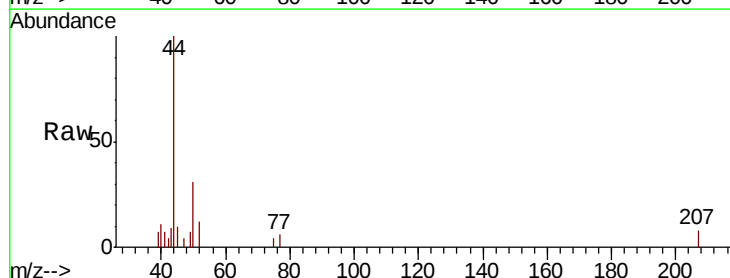
Acq: 4 Oct 2019 14:20

Tgt Ion: 50 Resp: 1787

Ion Ratio Lower Upper

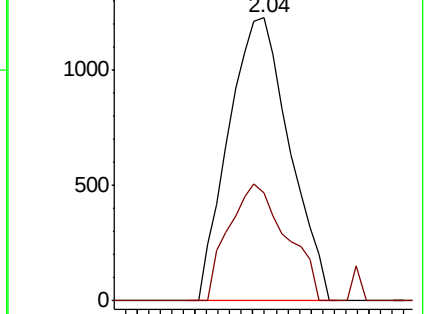
50 100

52 38.1 25.9 38.9

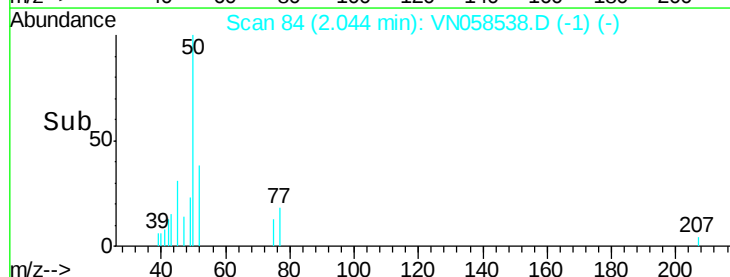


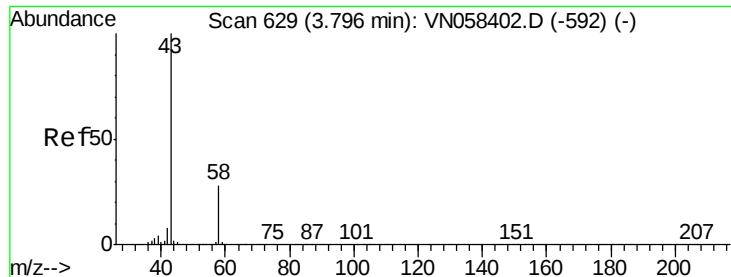
Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time-->





#16

Acetone

Concen: 109.123 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

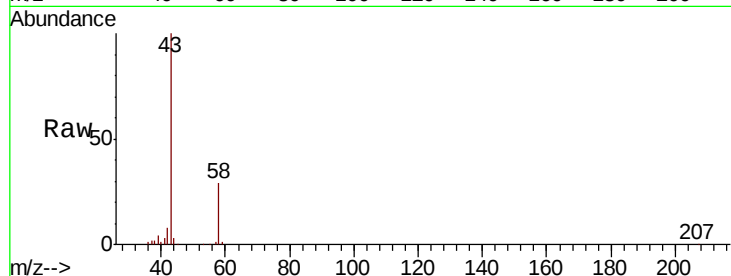
40092DL

Tot Ion: 43 Resp: 232792

Ion Ratio Lower Upper

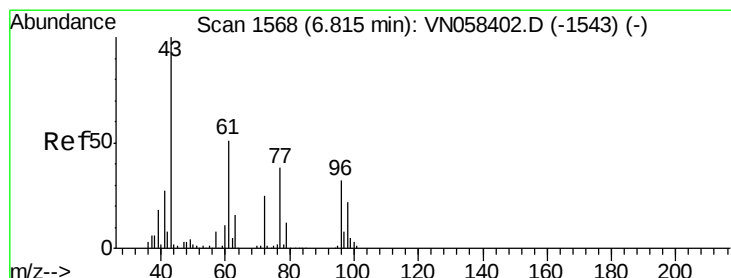
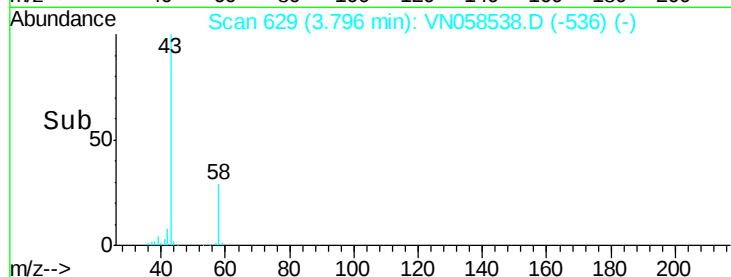
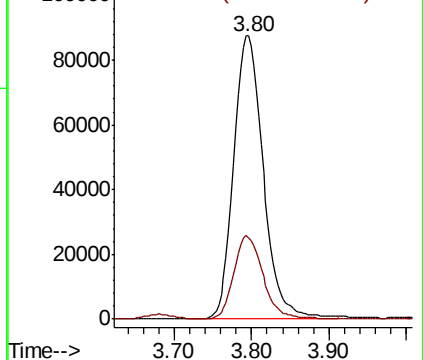
43 100

58 28.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#25

2-Butanone

Concen: 8.302 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN058538.D

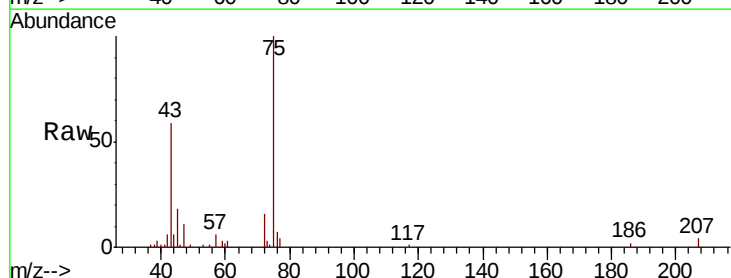
Acq: 4 Oct 2019 14:20

Tgt Ion: 43 Resp: 24317

Ion Ratio Lower Upper

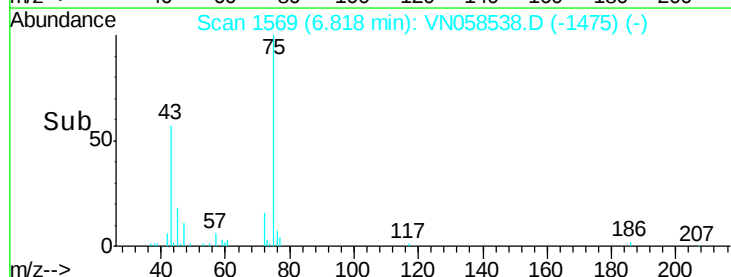
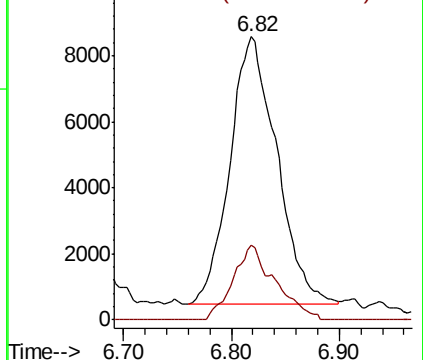
43 100

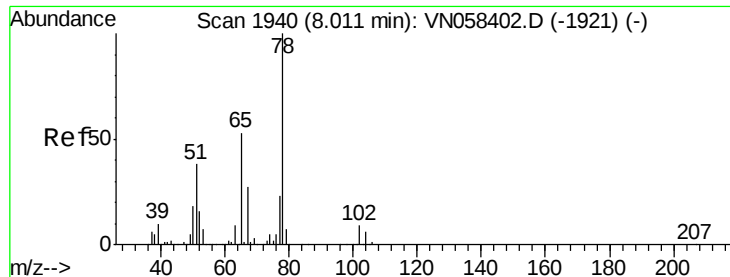
72 28.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

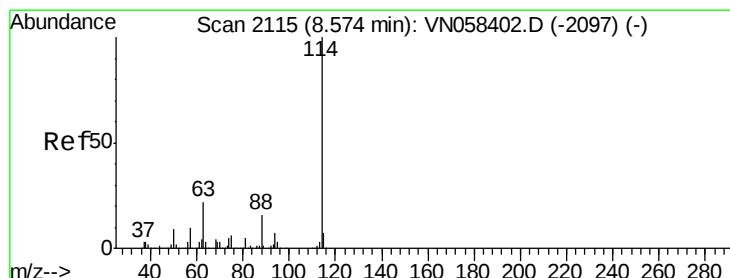
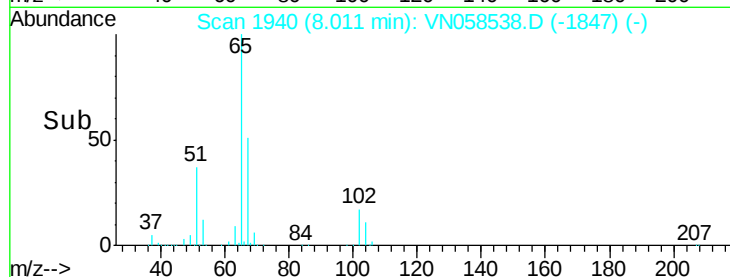
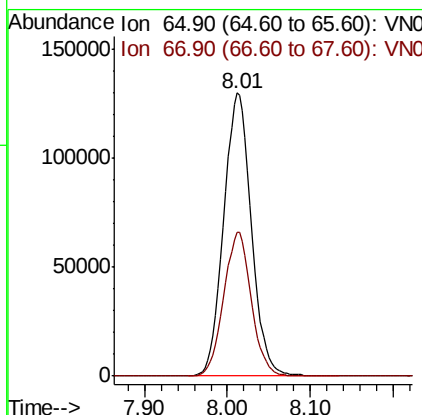
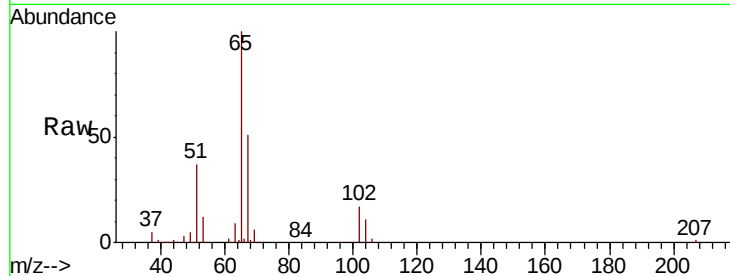




#33
 1,2-Dichloroethane-d4
 Concen: 48.120 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

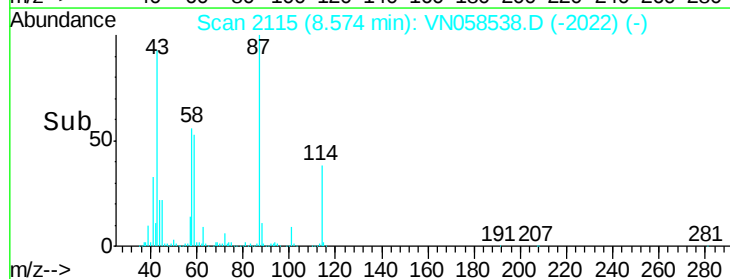
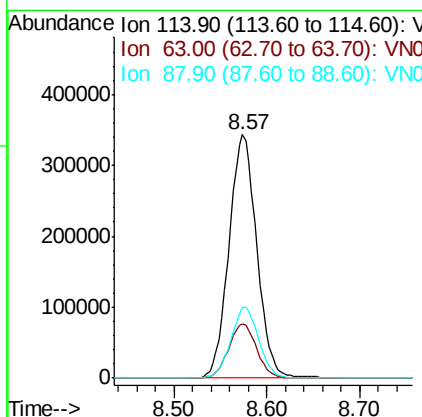
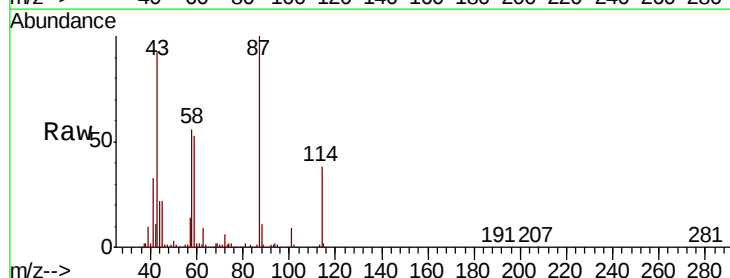
Instrument :
 MSVOA_N
 ClientSampleID :
 40092DL

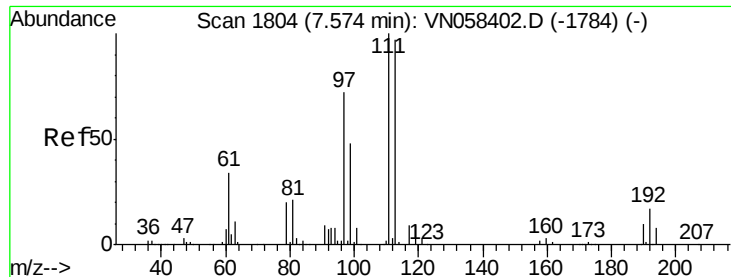
Tot Ion: 65 Resp: 301134
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

Tgt Ion: 114 Resp: 714273
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 28.9 0.0 32.2

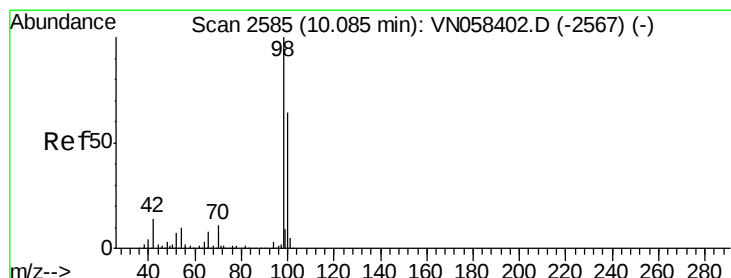
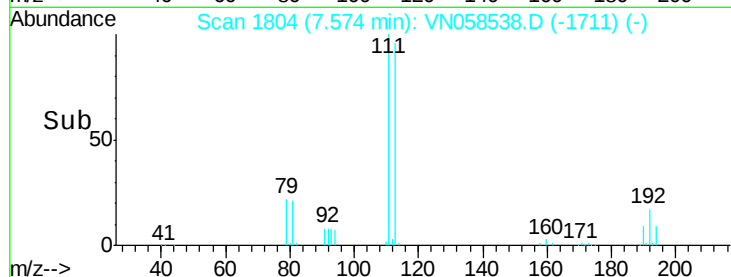
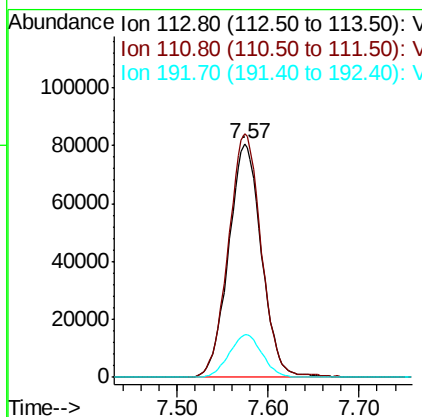
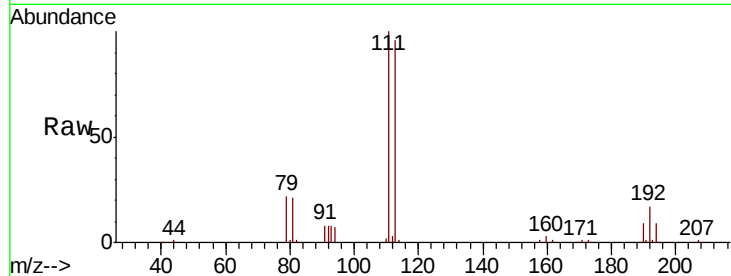




#35
 Dibromofluoromethane
 Concen: 46.284 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

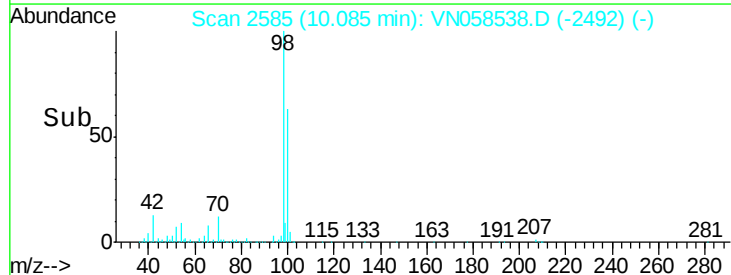
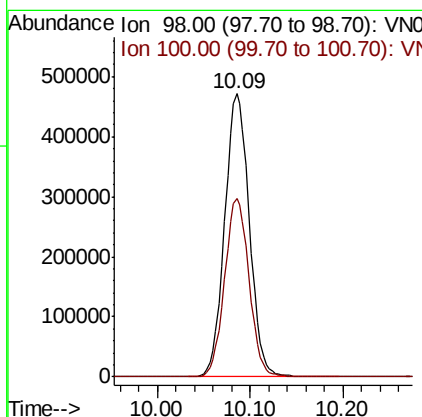
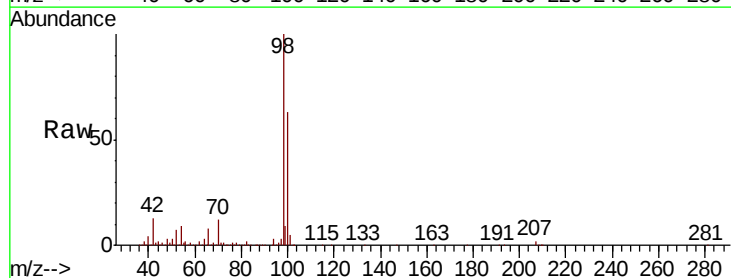
Instrument :
 MSVOA_N
 ClientSampleID :
 40092DL

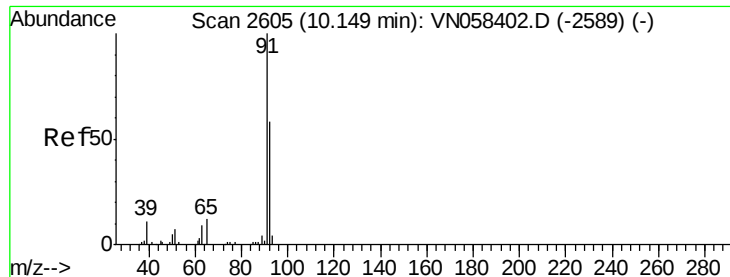
Tot Ion:113 Resp: 202617
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.4 125.2
 192 18.4 14.9 22.3



#50
 Toluene-d8
 Concen: 50.620 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058538.D
 Acq: 4 Oct 2019 14:20

Tgt Ion: 98 Resp: 868090
 Ion Ratio Lower Upper
 98 100
 100 62.7 51.0 76.6





#52

Toluene

Concen: 5.557 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

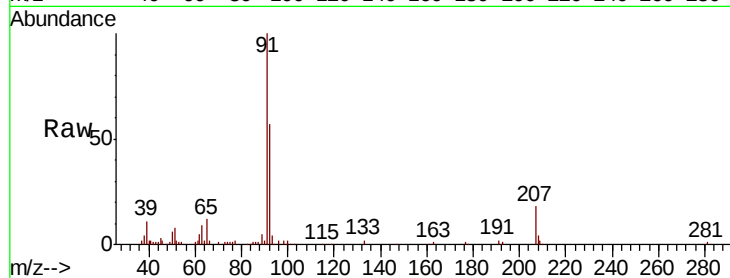
40092DL

Tot Ion: 92 Resp: 68670

Ion Ratio Lower Upper

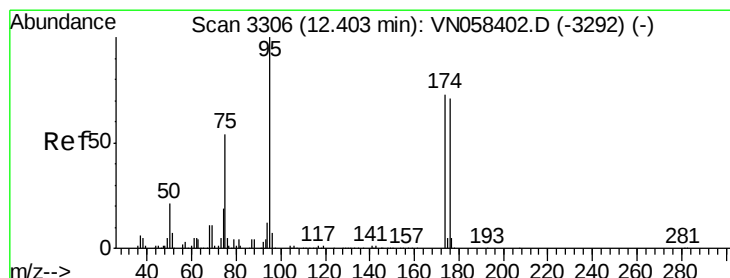
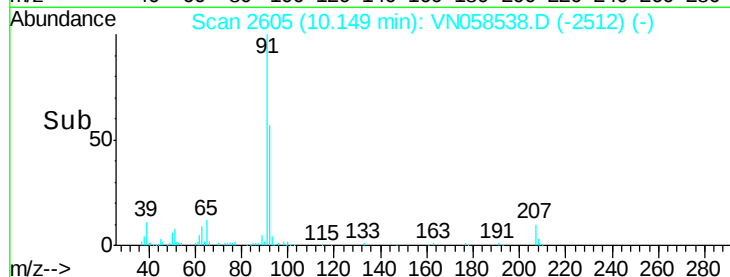
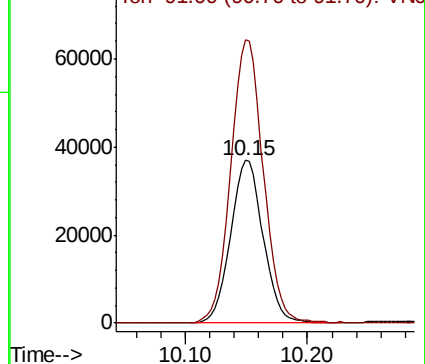
92 100

91 174.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.340 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

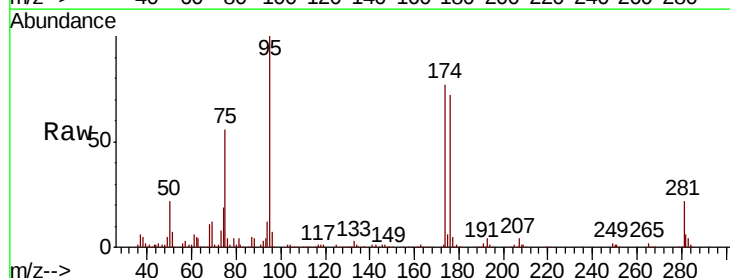
Tgt Ion: 95 Resp: 287347

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.6

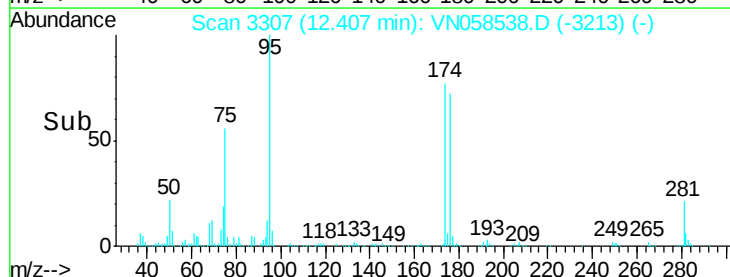
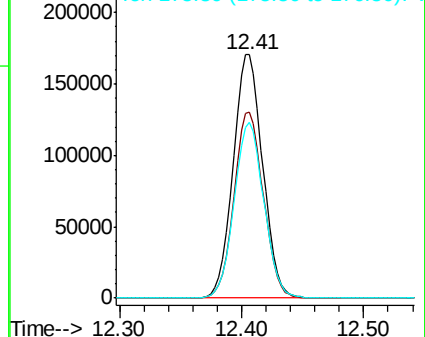
176 72.4 0.0 146.2

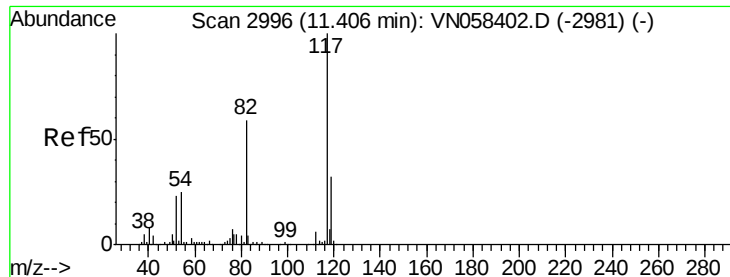


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

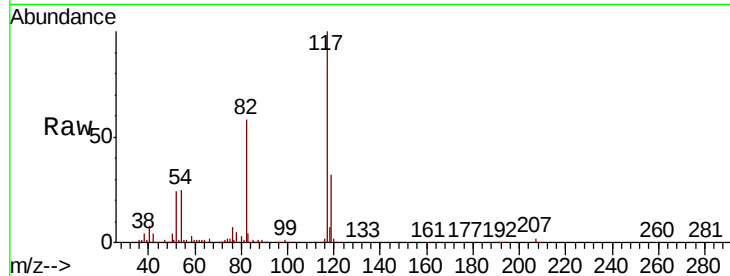




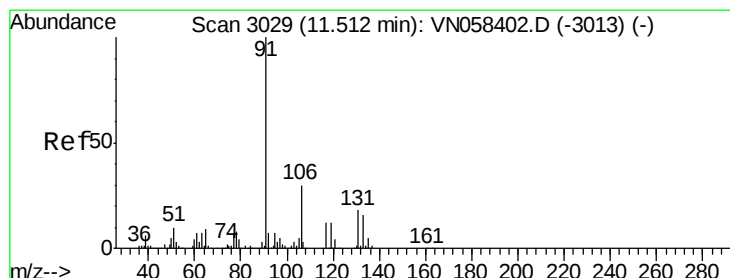
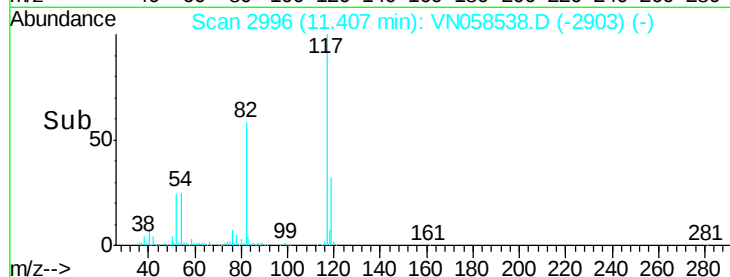
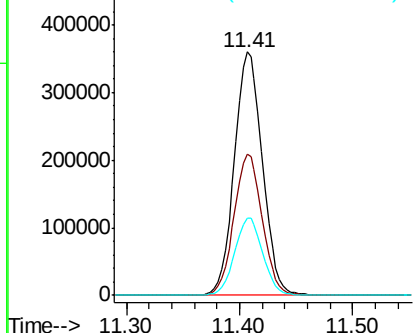
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

Instrument :
MSVOA_N
ClientSampleId :
40092DL

Tot Ion:117 Resp: 621868
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.0
119 31.9 25.5 38.3

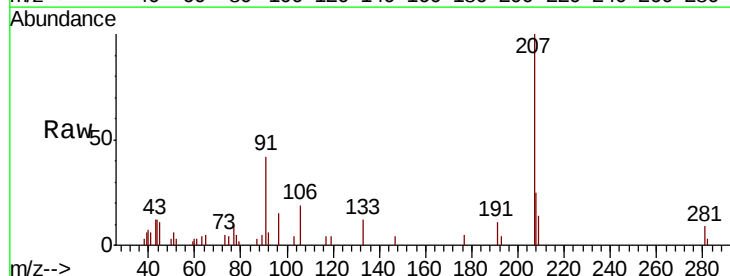


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

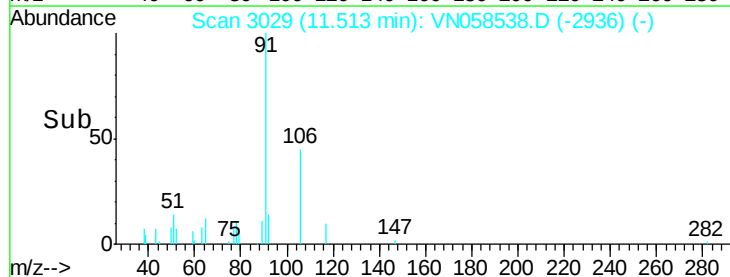
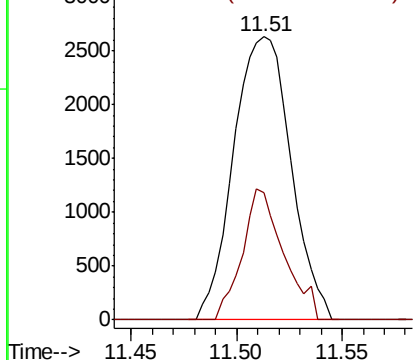


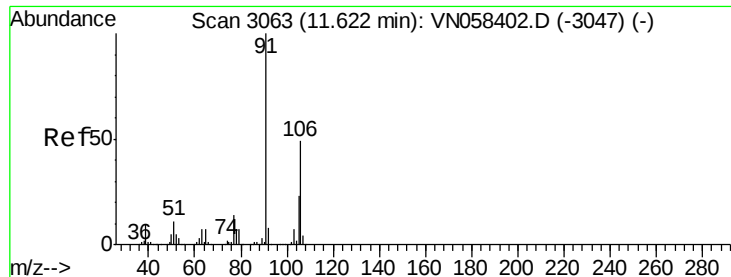
#67
Ethyl Benzene
Concen: 0.222 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

Tgt Ion: 91 Resp: 4971
Ion Ratio Lower Upper
91 100
106 44.7 24.3 36.5#



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

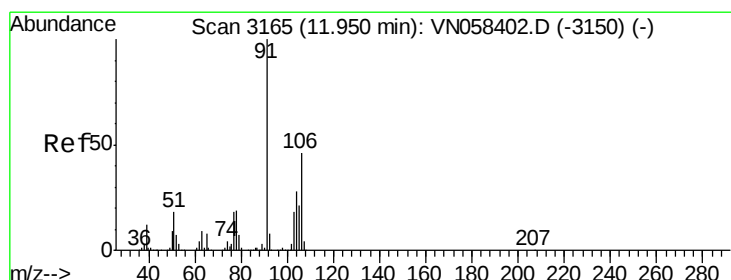
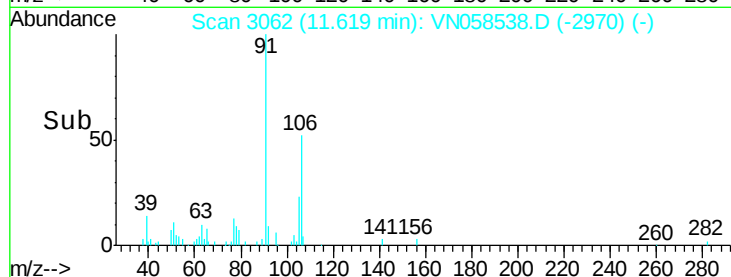
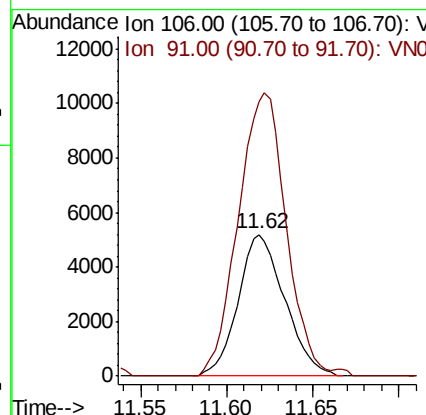
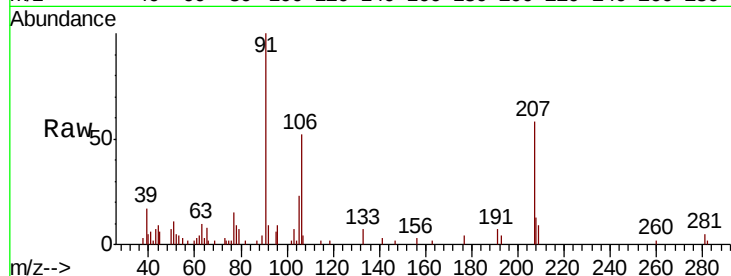




#68
m/p-Xylenes
Concen: 1.161 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

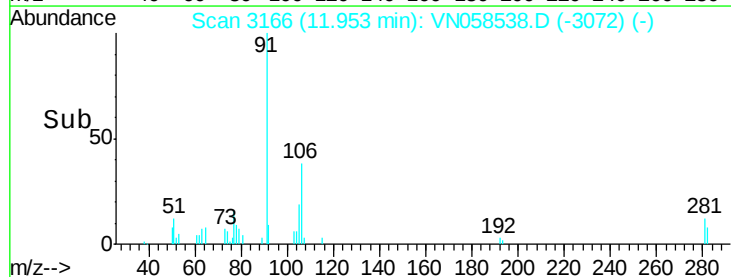
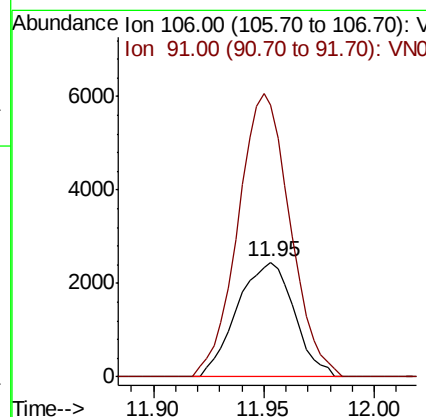
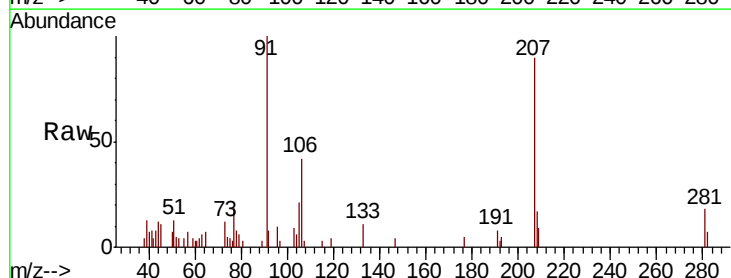
Instrument :
MSVOA_N
ClientSampleId :
40092DL

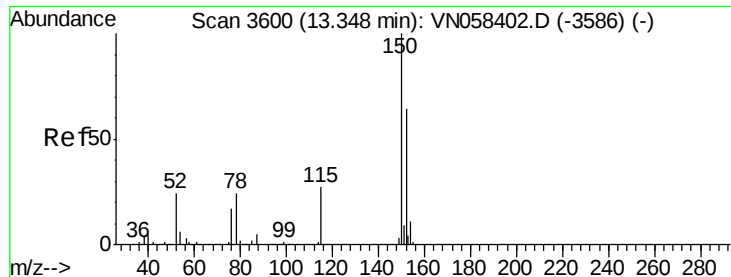
Tot Ion:106 Resp: 9783
Ion Ratio Lower Upper
106 100
91 204.4 165.0 247.4



#69
o-Xylene
Concen: 0.541 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058538.D
Acq: 4 Oct 2019 14:20

Tgt Ion:106 Resp: 4387
Ion Ratio Lower Upper
106 100
91 226.3 109.1 327.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

40092DL

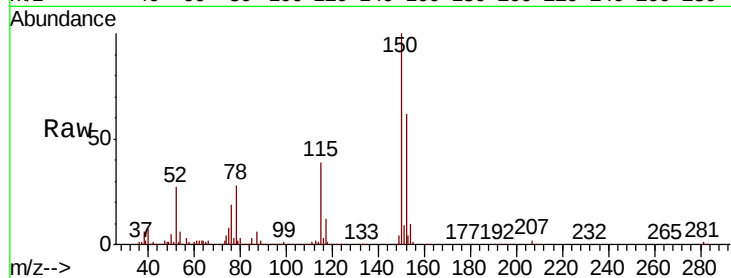
Tot Ion:152 Resp: 263616

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

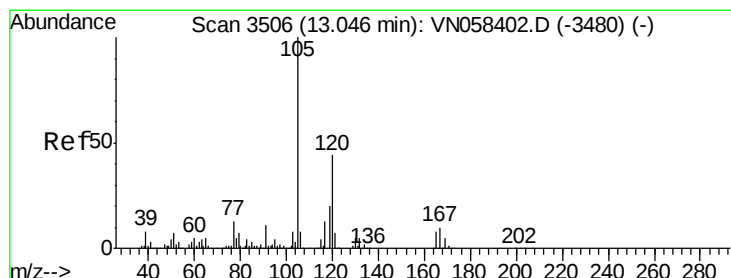
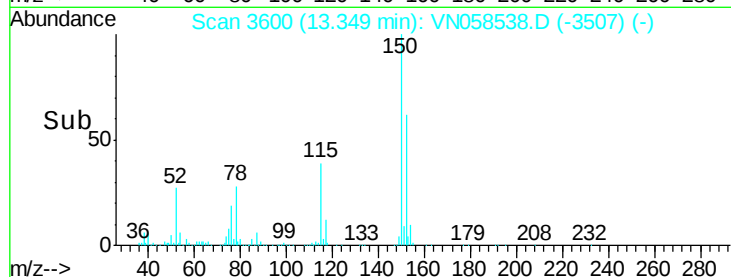
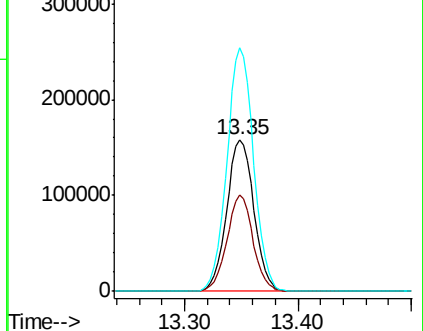
150 157.7 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 0.204 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058538.D

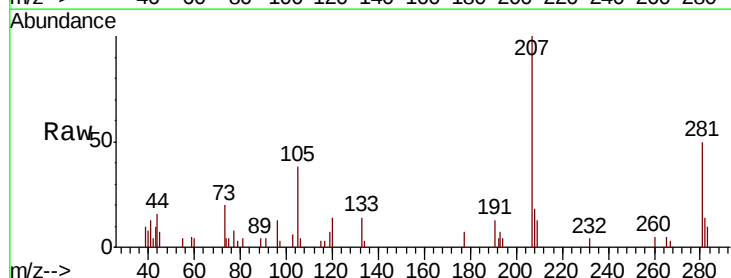
Acq: 4 Oct 2019 14:20

Tgt Ion:105 Resp: 3330

Ion Ratio Lower Upper

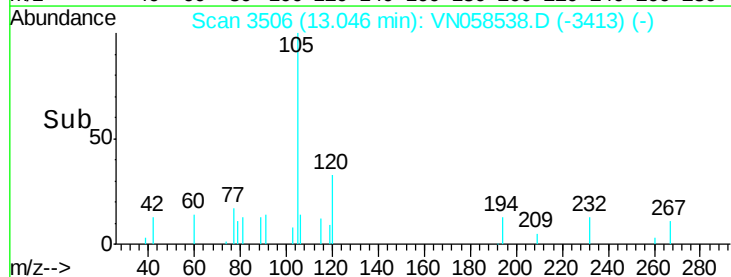
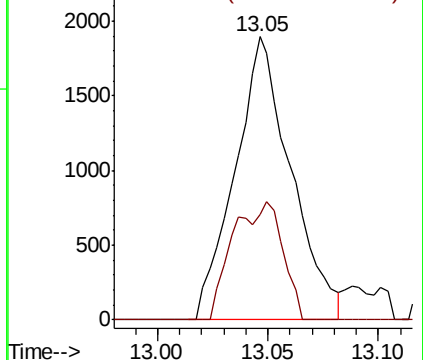
105 100

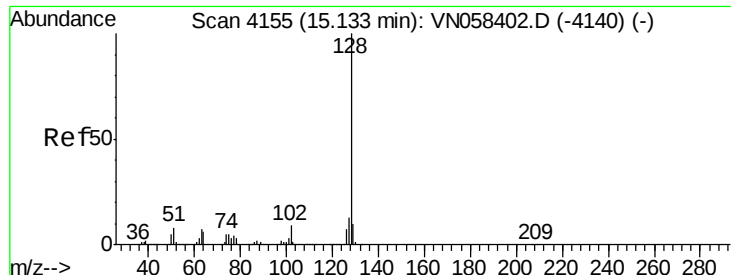
120 37.2 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.987 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058538.D

Acq: 4 Oct 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

40092DL

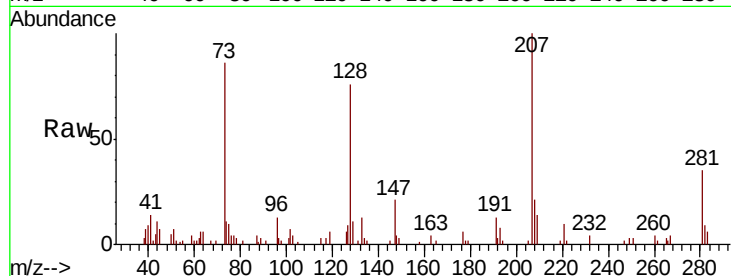
Tot Ion:128 Resp: 13080

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 12.9 8.3 12.5#



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

