

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058185.D
 Acq On : 18 Sep 2019 23:52
 Operator : JC/SP
 Sample : K4940-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30434

Quant Time: Sep 19 08:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 02:07:09 2019
 Response via : Initial Calibration

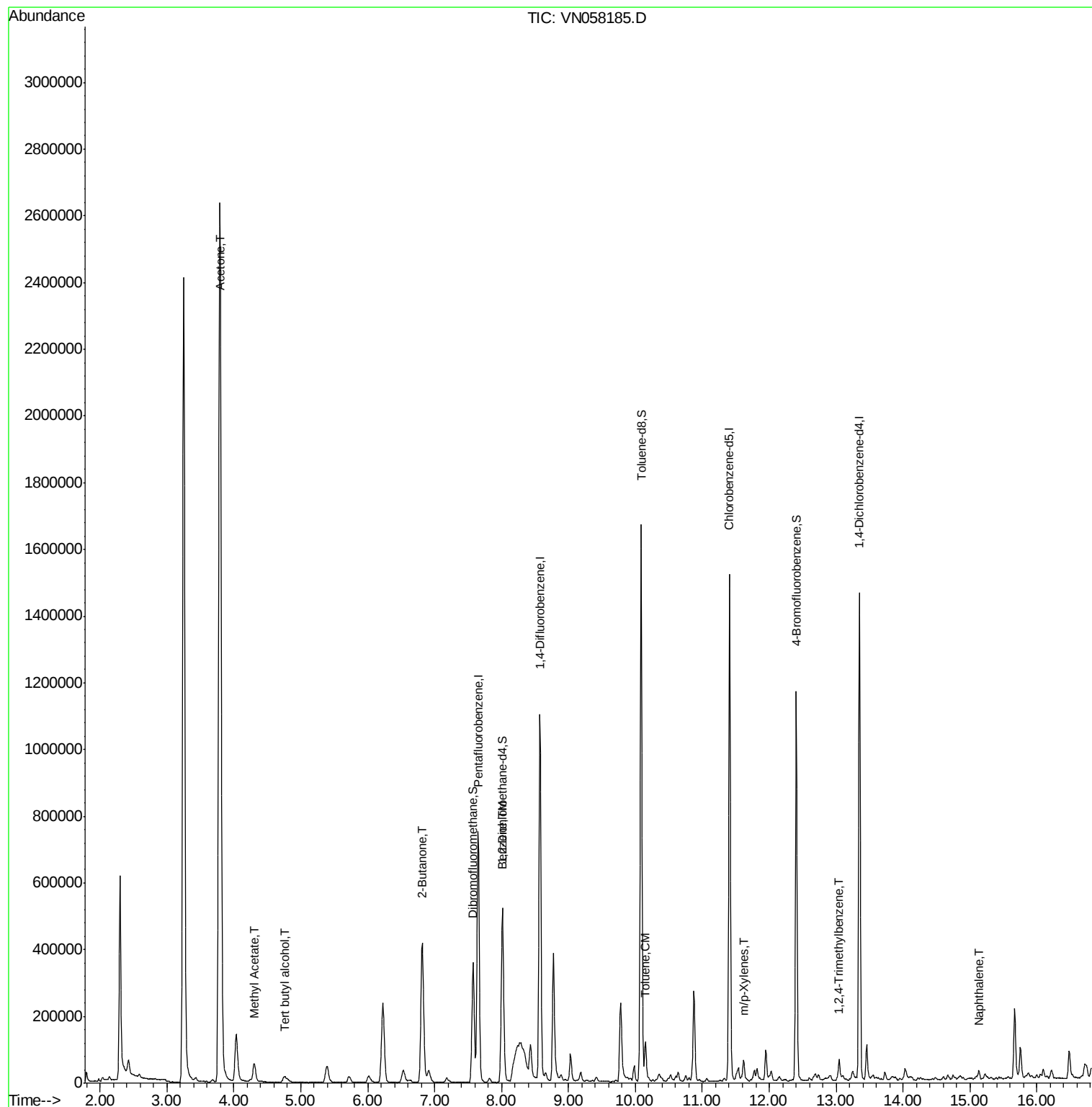
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	602395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	959827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	833459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	396755	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	7.57	113	275801	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	10.08	98	1137963	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	387872	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.76	59	34190	34.257	ug/l	100
16) Acetone	3.79	43	4513890	1584.953	ug/l	93
18) Methyl Acetate	4.30	43	104850	13.991	ug/l	98
25) 2-Butanone	6.82	43	755652	194.755	ug/l	99
40) Benzene	8.03	78	78155	3.697	ug/l	98
52) Toluene	10.15	92	47166	3.560	ug/l	98
68) m/p-Xylenes	11.62	106	18113	1.915	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	38492	1.951	ug/l	90
95) Naphthalene	15.13	128	20328	1.136	ug/l #	93

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

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 02:07:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058185.D

Acq: 18 Sep 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

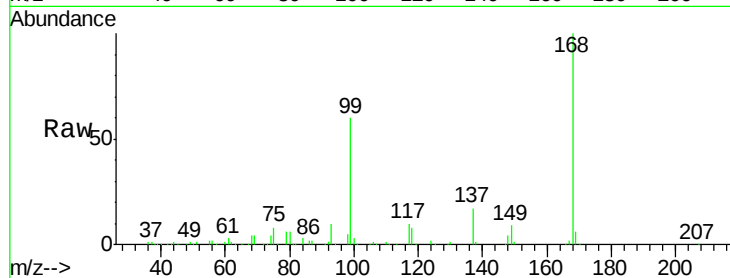
30434

Tot Ion:168 Resp: 602395

Ion Ratio Lower Upper

168 100

99 59.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

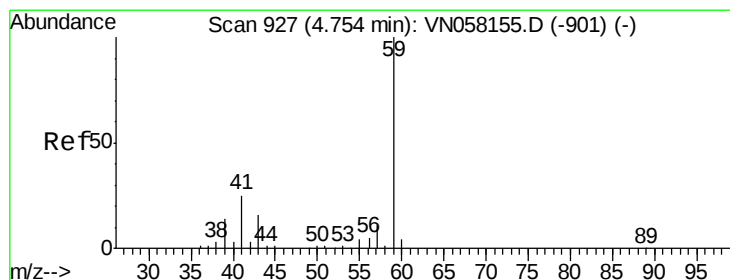
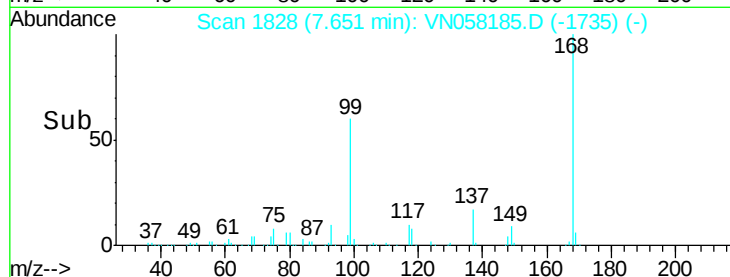
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 34.257 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058185.D

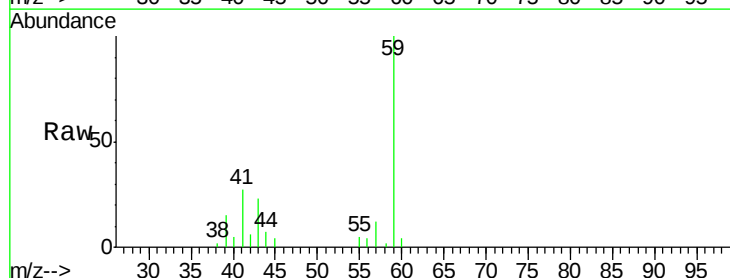
Acq: 18 Sep 2019 23:52

Tgt Ion: 59 Resp: 34190

Ion Ratio Lower Upper

59 100

57 10.6 8.6 13.0



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.76

10000

8000

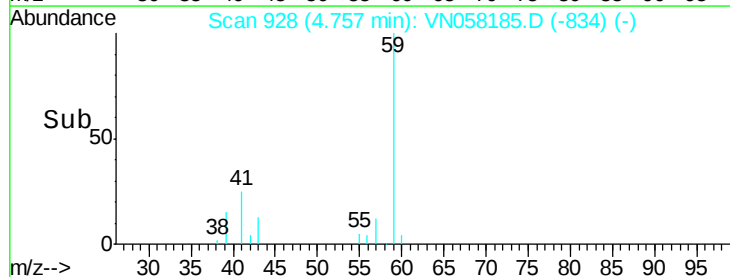
6000

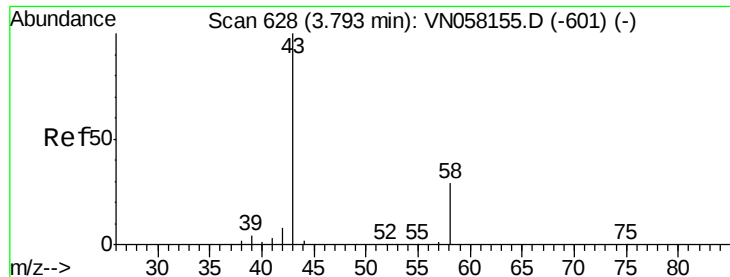
4000

2000

0

Time-->

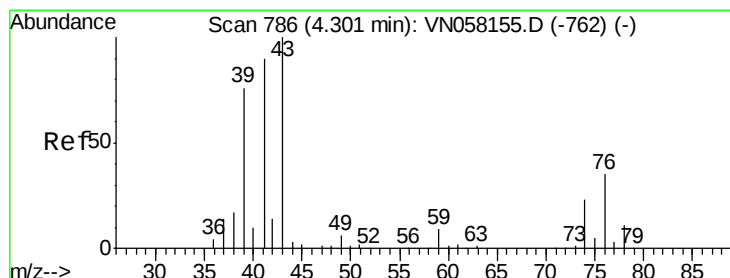
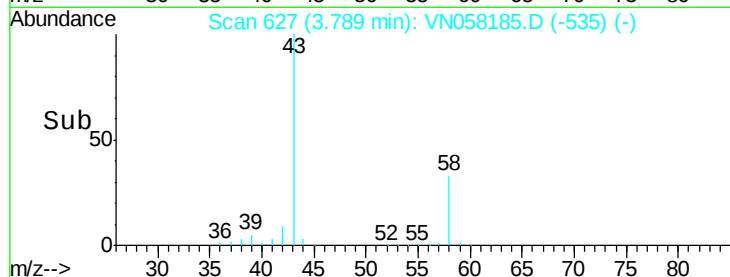
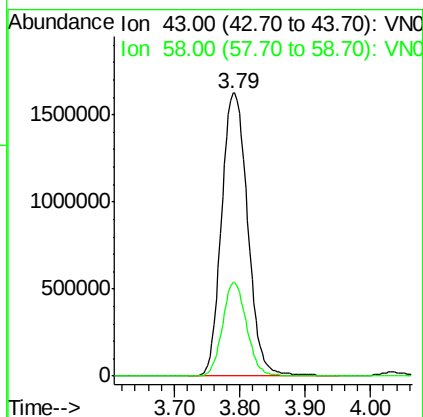
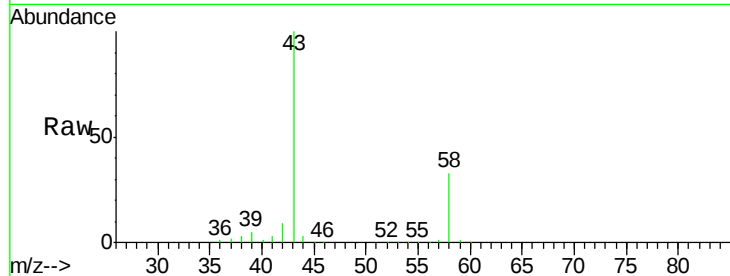




#16
Acetone
Concen: 1584.953 ug/l
RT: 3.79 min Scan# 627
Delta R.T. -0.00 min
Lab File: VN058185.D
Acq: 18 Sep 2019 23:52

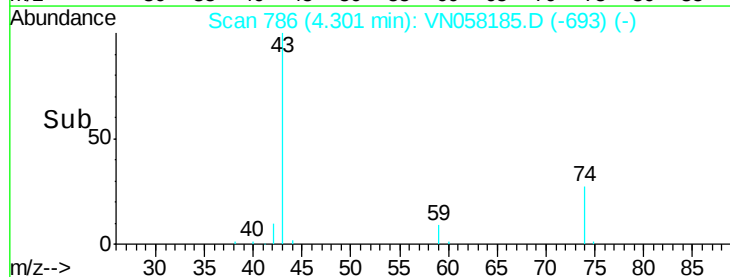
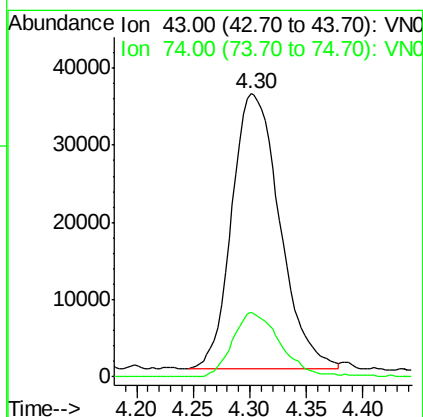
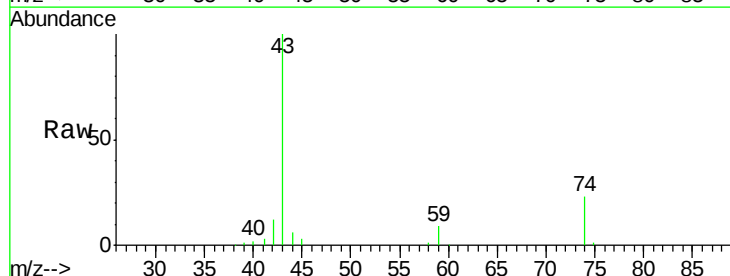
Instrument :
MSVOA_N
ClientSampled :
30434

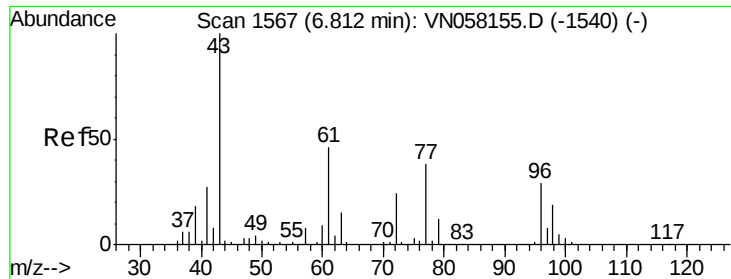
Tot Ion: 43 Resp: 4513890
Ion Ratio Lower Upper
43 100
58 33.1 23.4 35.2



#18
Methyl Acetate
Concen: 13.991 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058185.D
Acq: 18 Sep 2019 23:52

Tgt Ion: 43 Resp: 104850
Ion Ratio Lower Upper
43 100
74 23.2 18.0 27.0





#25

2-Butanone

Concen: 194.755 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058185.D

Acq: 18 Sep 2019 23:52

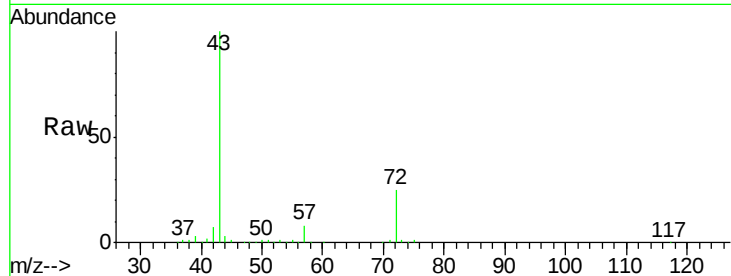
Instrument :
MSVOA_N
ClientSampled :
30434

Tot Ion: 43 Resp: 755652

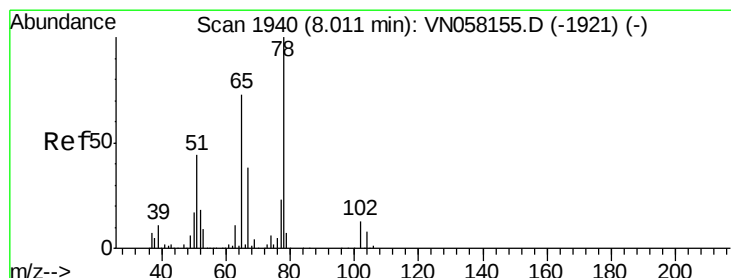
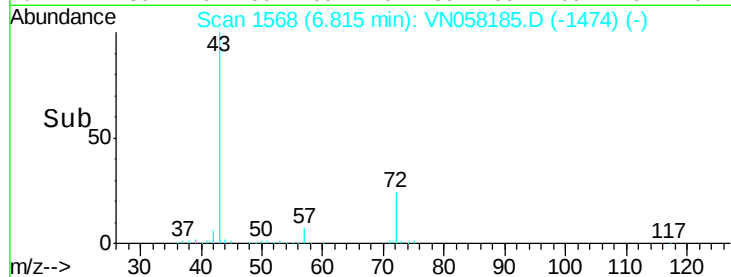
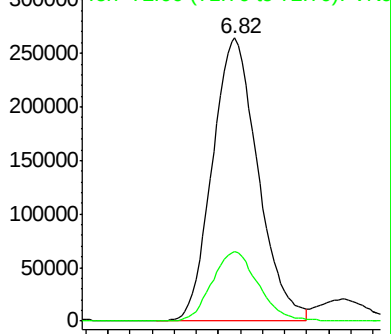
Ion Ratio Lower Upper

43 100

72 24.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN058185.D (-1540) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.288 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058185.D

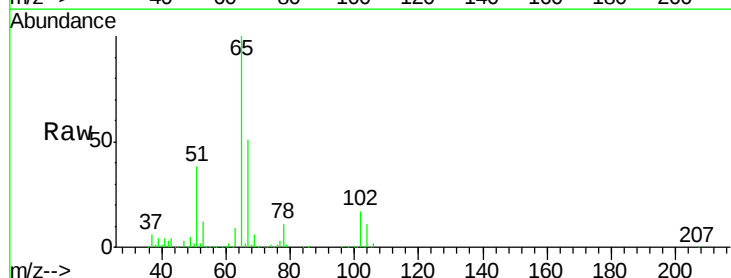
Acq: 18 Sep 2019 23:52

Tgt Ion: 65 Resp: 396755

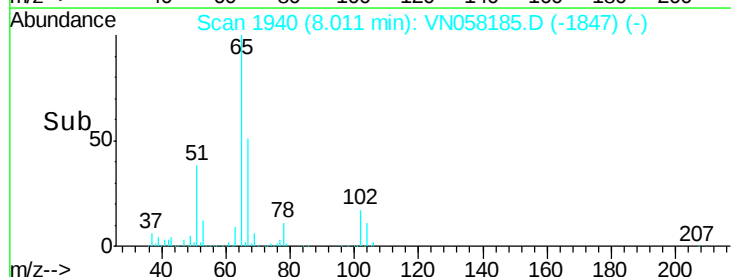
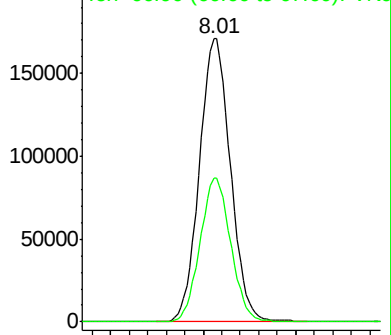
Ion Ratio Lower Upper

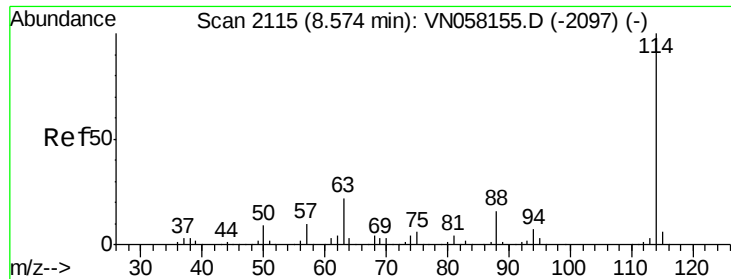
65 100

67 50.4 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN058185.D (-1847) (-)

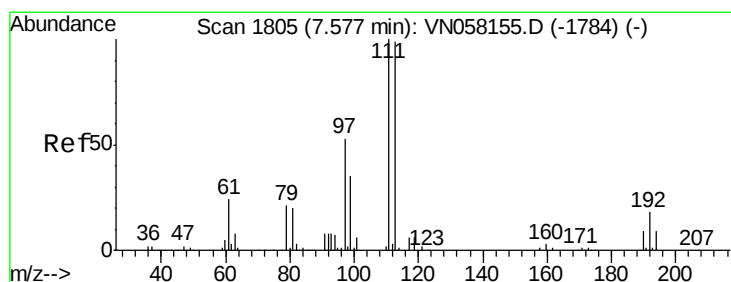
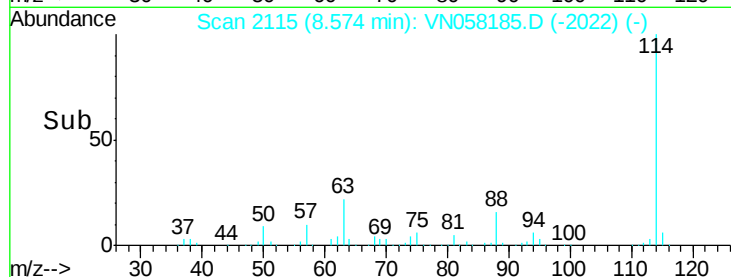
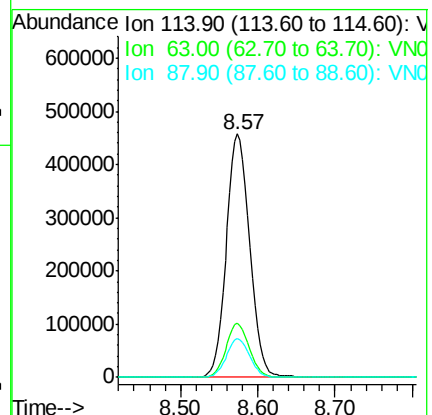
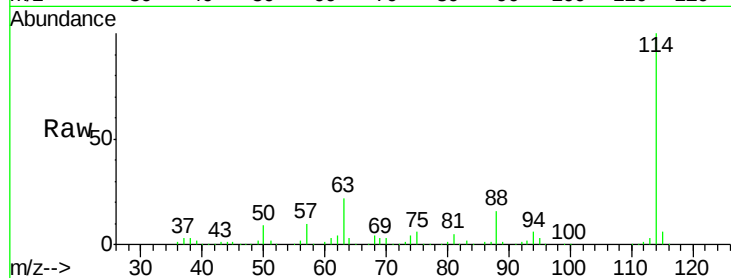




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058185.D
Acq: 18 Sep 2019 23:52

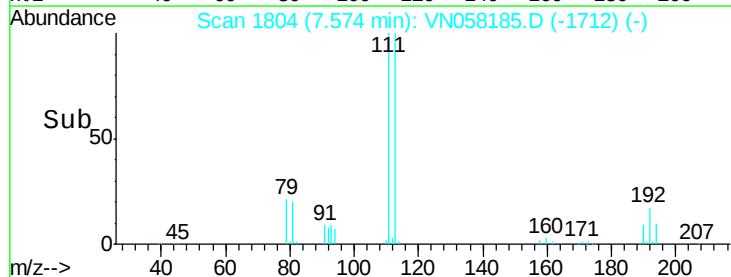
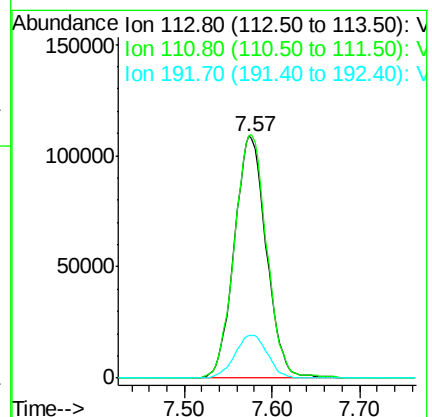
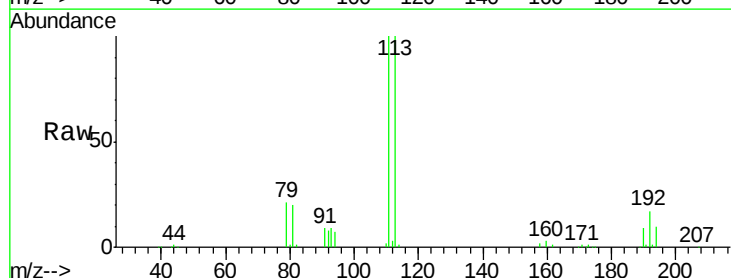
Instrument :
MSVOA_N
ClientSampleId :
30434

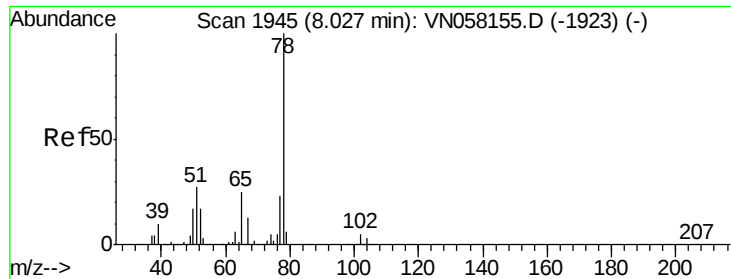
Tot Ion:114 Resp: 959827
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.2
88 15.8 0.0 31.6



#35
Dibromofluoromethane
Concen: 47.267 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058185.D
Acq: 18 Sep 2019 23:52

Tgt Ion:113 Resp: 275801
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 18.1 14.5 21.7





#40

Benzene

Concen: 3.697 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058185.D

Acq: 18 Sep 2019 23:52

Instrument :

MSVOA_N

ClientSampled :

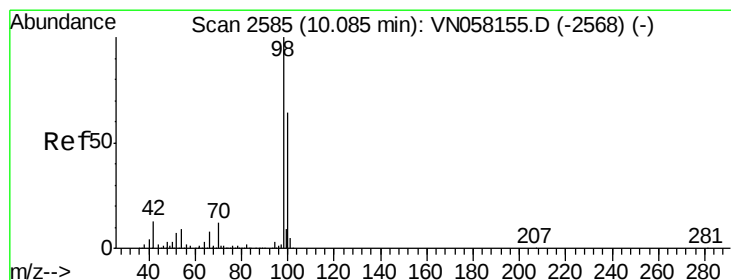
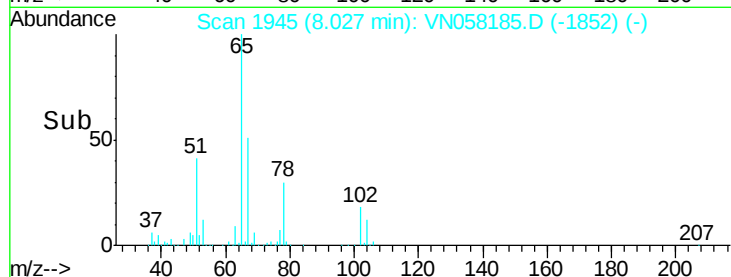
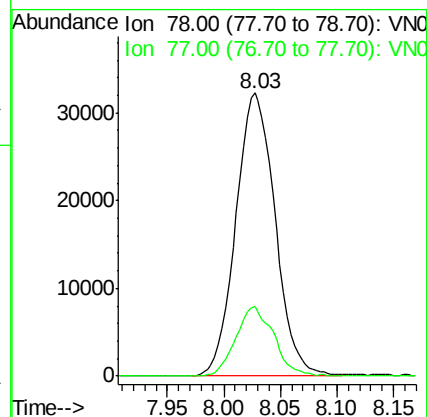
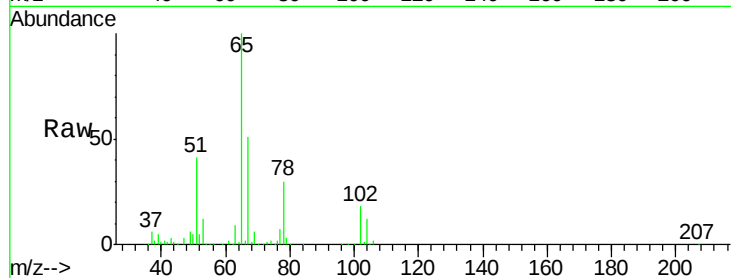
30434

Tot Ion: 78 Resp: 78155

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2



#50

Toluene-d8

Concen: 50.055 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058185.D

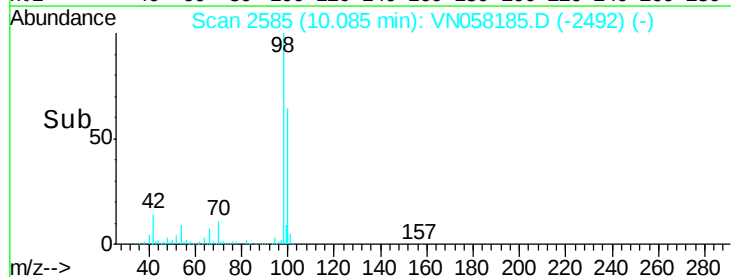
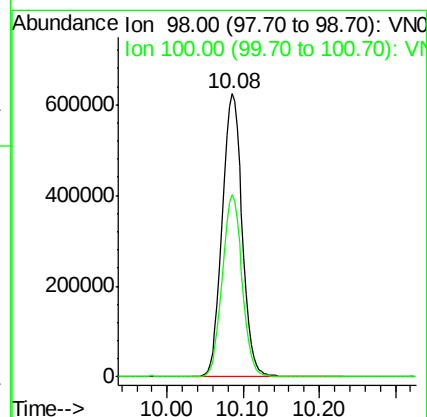
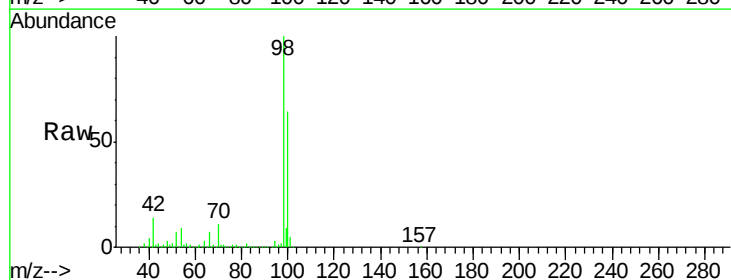
Acq: 18 Sep 2019 23:52

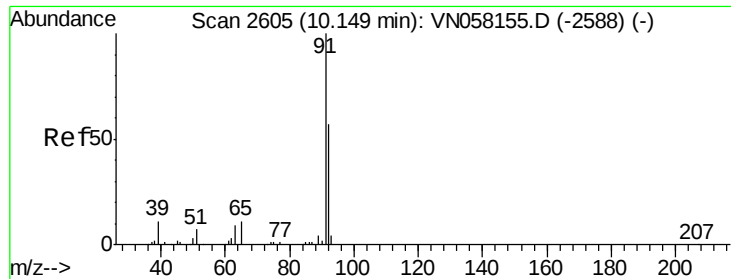
Tgt Ion: 98 Resp: 1137963

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7





#52

Toluene

Concen: 3.560 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058185.D

Acq: 18 Sep 2019 23:52

Instrument :

MSVOA_N

ClientSampled :

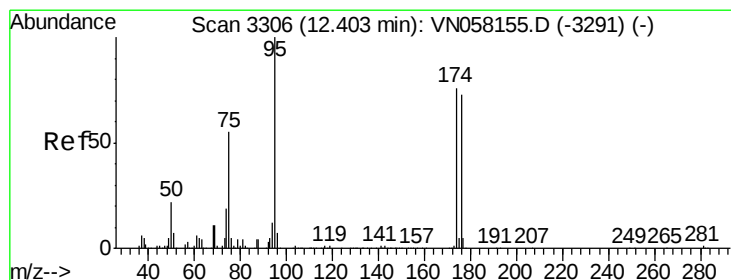
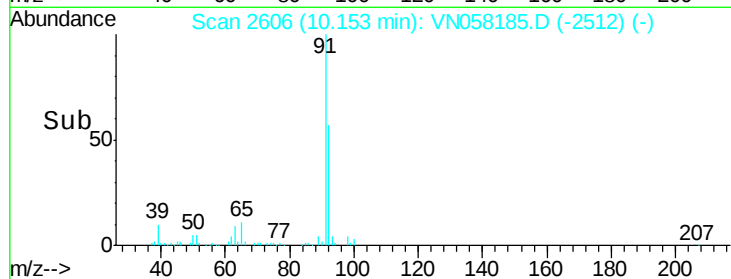
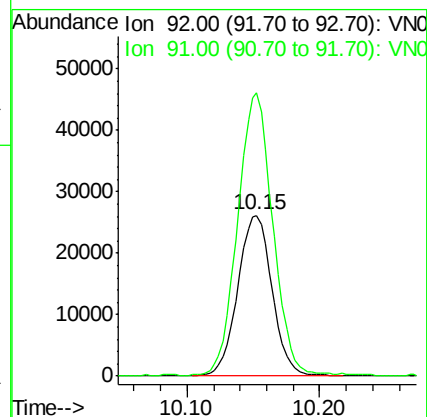
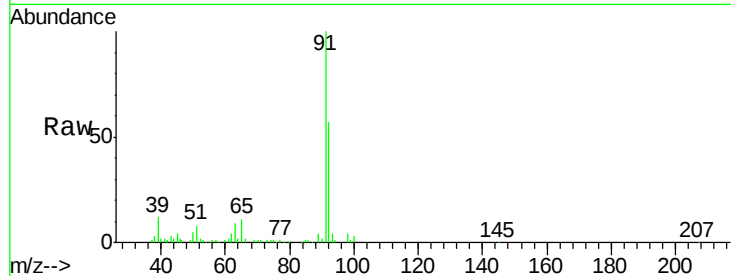
30434

Tot Ion: 92 Resp: 47166

Ion Ratio Lower Upper

92 100

91 178.1 140.2 210.2



#62

4-Bromofluorobenzene

Concen: 45.930 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058185.D

Acq: 18 Sep 2019 23:52

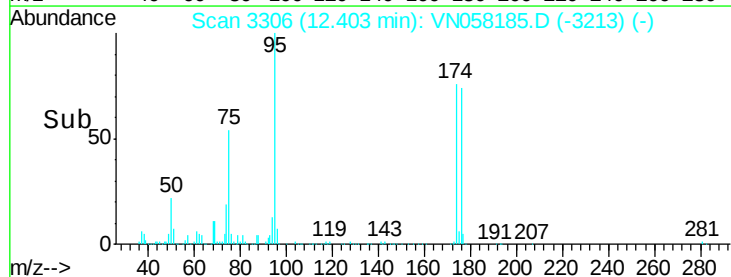
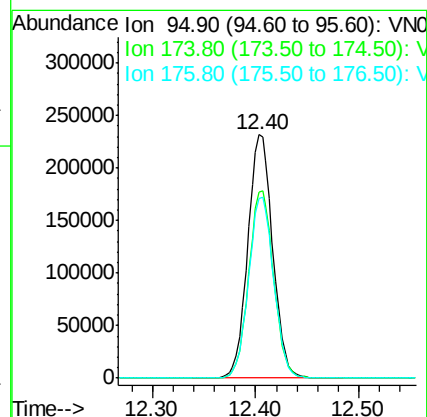
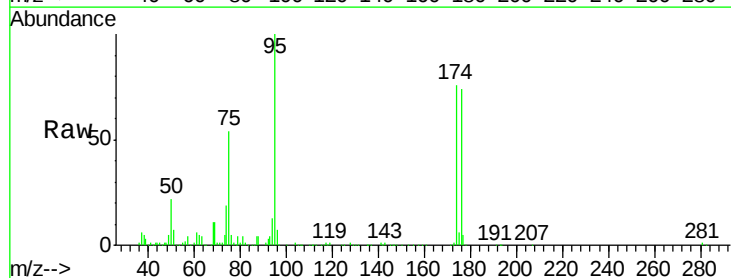
Tgt Ion: 95 Resp: 387872

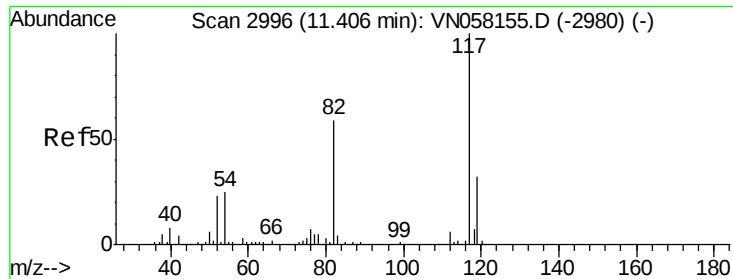
Ion Ratio Lower Upper

95 100

174 76.9 0.0 152.2

176 74.8 0.0 148.0

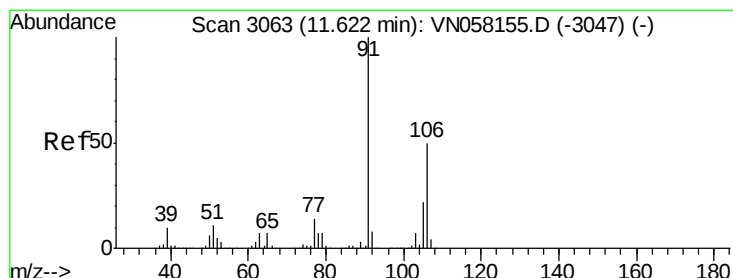
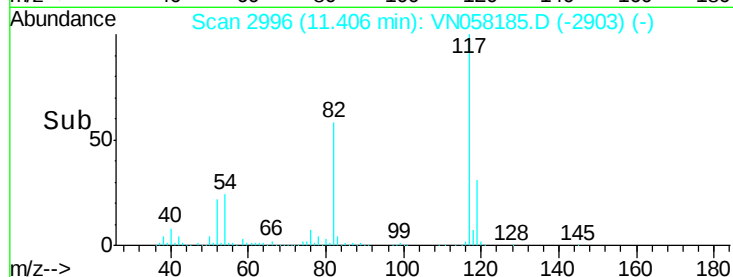
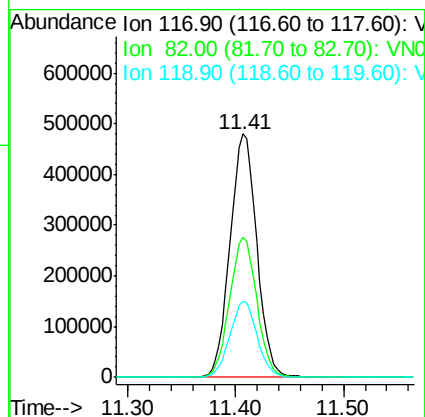
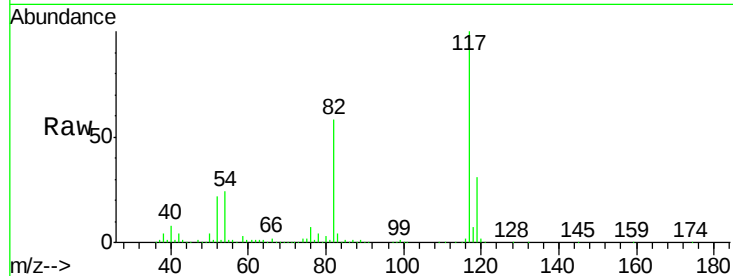




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058185.D
Acq: 18 Sep 2019 23:52

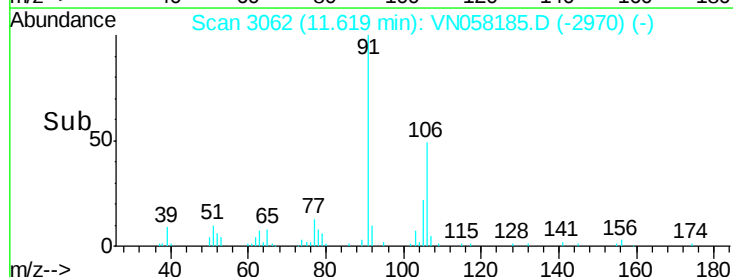
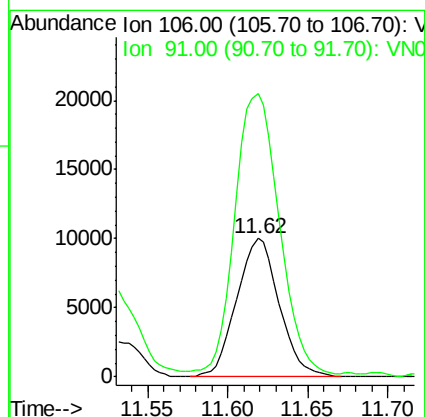
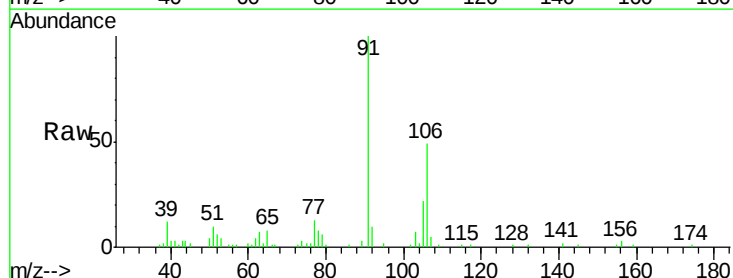
Instrument :
MSVOA_N
ClientSampled :
30434

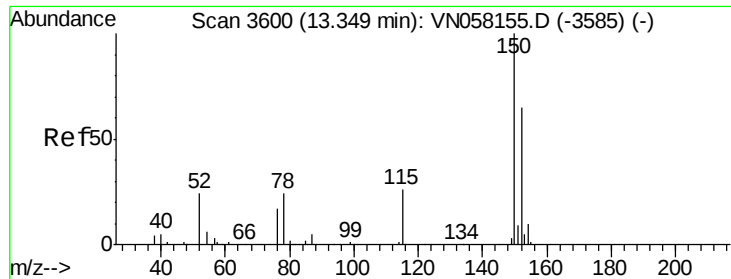
Tot Ion:117 Resp: 833459
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 1.915 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058185.D
Acq: 18 Sep 2019 23:52

Tgt Ion:106 Resp: 18113
Ion Ratio Lower Upper
106 100
91 210.1 163.6 245.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058185.D

Acq: 18 Sep 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

30434

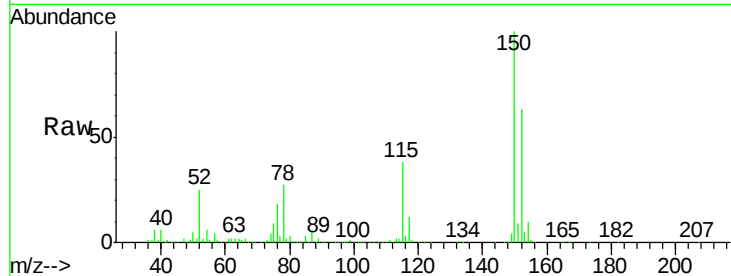
Tot Ion:152 Resp: 374597

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

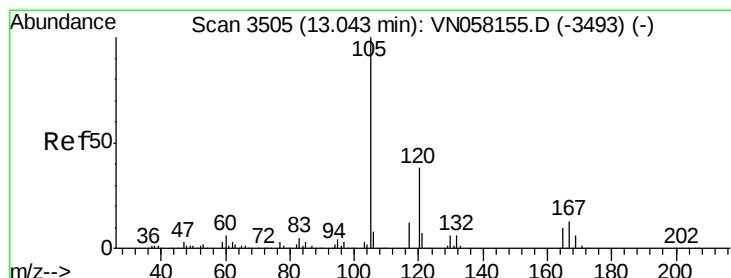
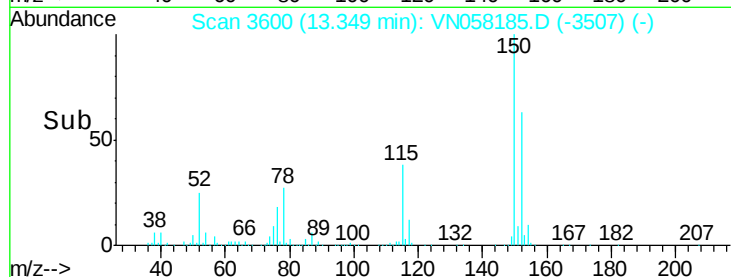
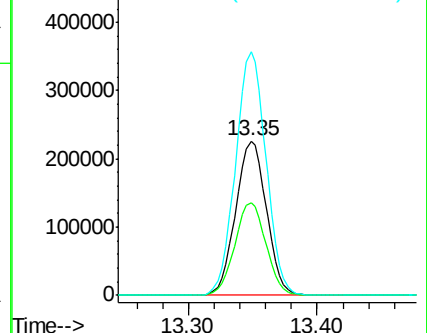
150 156.4 0.0 346.4



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: 1.951 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058185.D

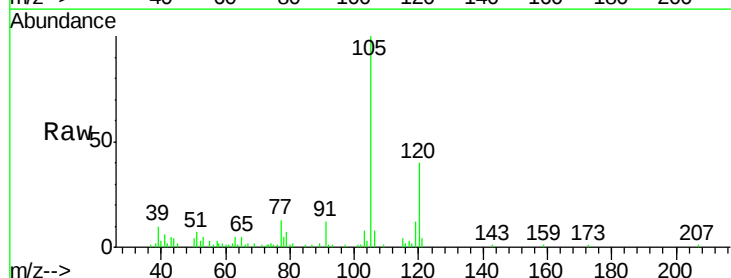
Acq: 18 Sep 2019 23:52

Tgt Ion:105 Resp: 38492

Ion Ratio Lower Upper

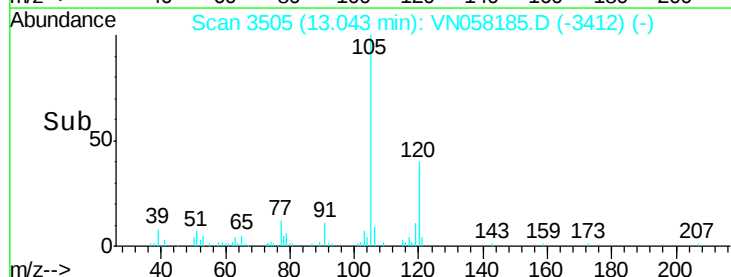
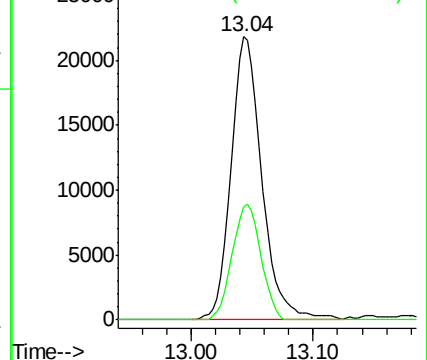
105 100

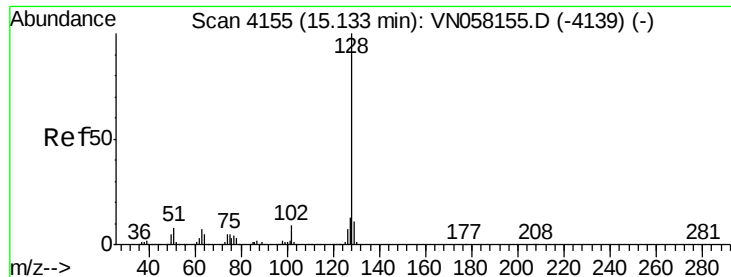
120 37.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.136 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058185.D

Acq: 18 Sep 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

30434

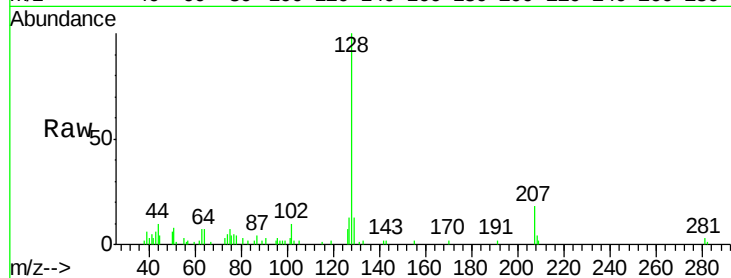
Tot Ion:128 Resp: 20328

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 15.4 8.6 12.8#



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

