

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058383.D
 Acq On : 26 Sep 2019 14:13
 Operator : JC/SP
 Sample : K5039-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30481

Quant Time: Sep 27 04:31:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	451349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	757514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	334286	53.18	ug/l	0.00
Spiked Amount						
			Recovery	=	106.36%	
35) Dibromofluoromethane	7.57	113	229979	49.94	ug/l	0.00
Spiked Amount						
			Recovery	=	99.88%	
50) Toluene-d8	10.09	98	964597	53.76	ug/l	0.00
Spiked Amount						
			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.41	95	332749	49.93	ug/l	0.00
Spiked Amount						
			Recovery	=	99.86%	

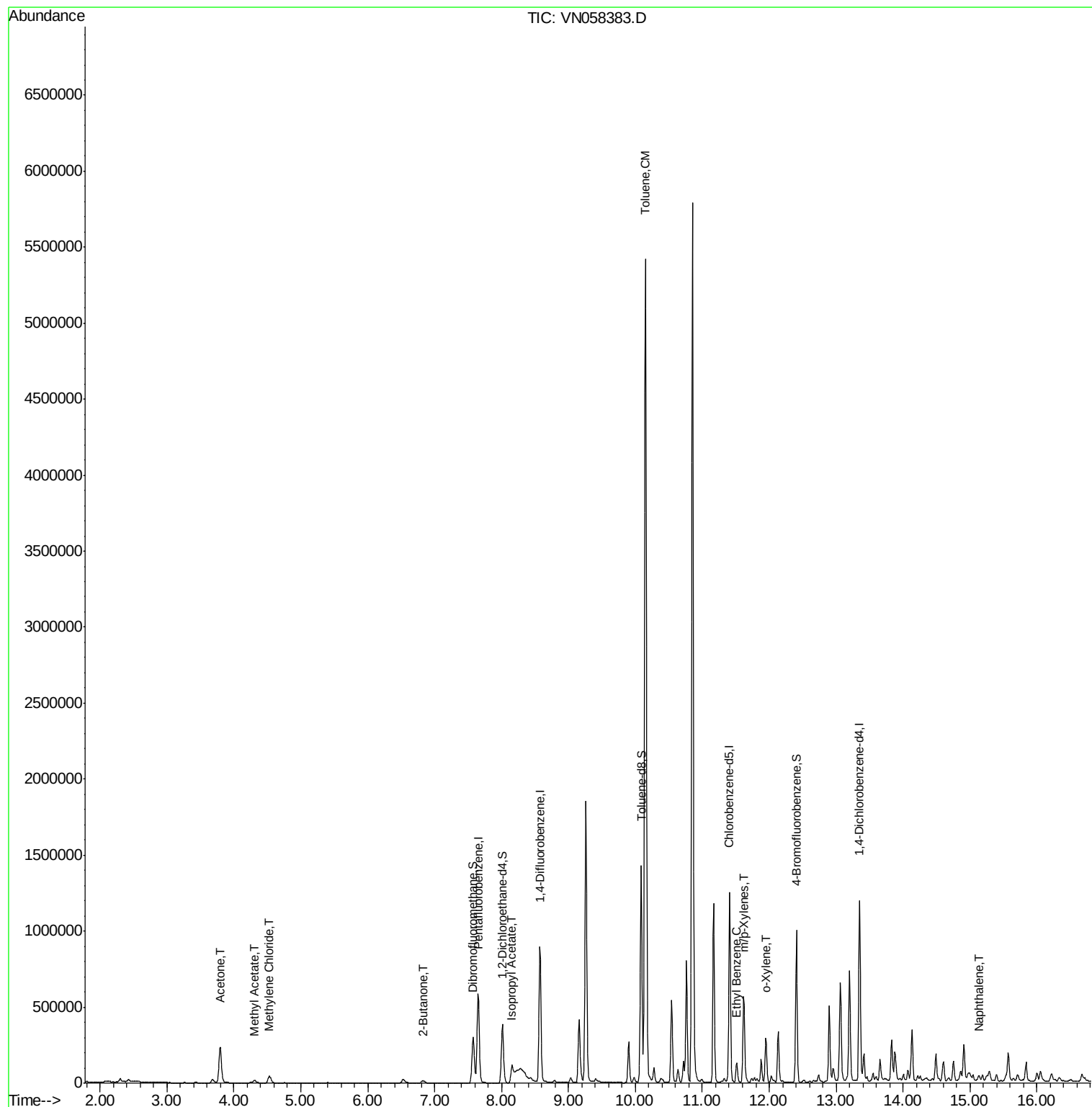
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	398928	186.951	ug/l	100
18) Methyl Acetate	4.31	43	30701	5.468	ug/l	96
20) Methylene Chloride	4.53	84	32223	8.441	ug/l	94
25) 2-Butanone	6.82	43	27623	9.502	ug/l	93
43) Isopropyl Acetate	8.16	43	175973	16.620	ug/l #	79
52) Toluene	10.15	92	2535550	242.478	ug/l	85
67) Ethyl Benzene	11.51	91	92187	4.490	ug/l	99
68) m/p-Xylenes	11.62	106	169837	21.963	ug/l	95
69) o-Xylene	11.95	106	73167	9.623	ug/l	98
95) Naphthalene	15.14	128	22959	1.593	ug/l	97

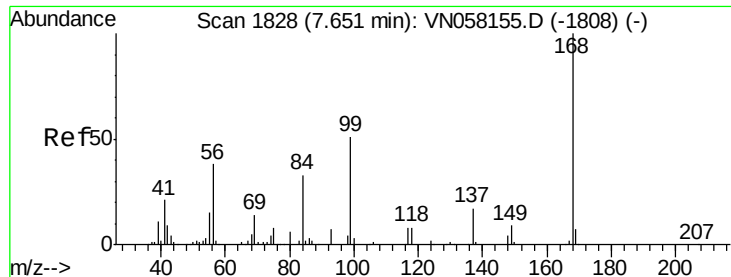
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

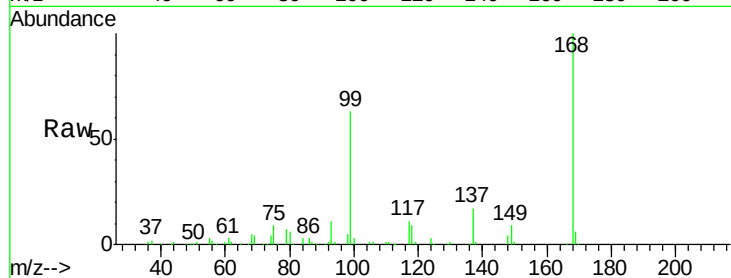
30481

Tot Ion:168 Resp: 451349

Ion Ratio Lower Upper

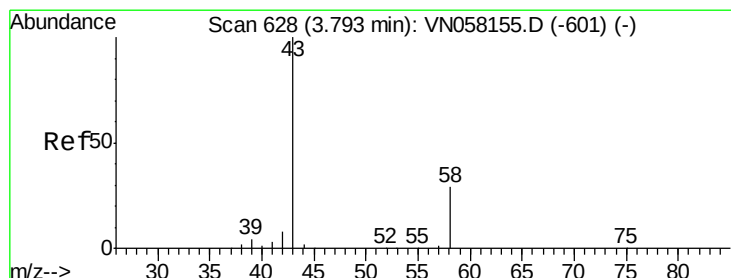
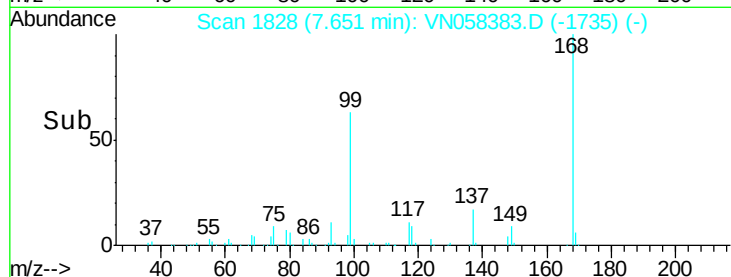
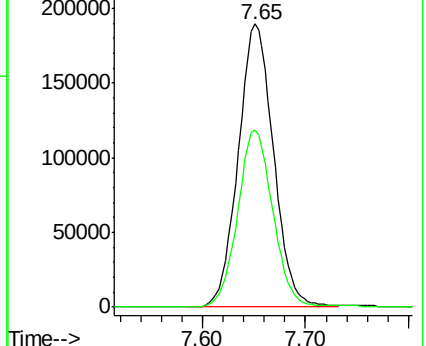
168 100

99 62.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 186.951 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058383.D

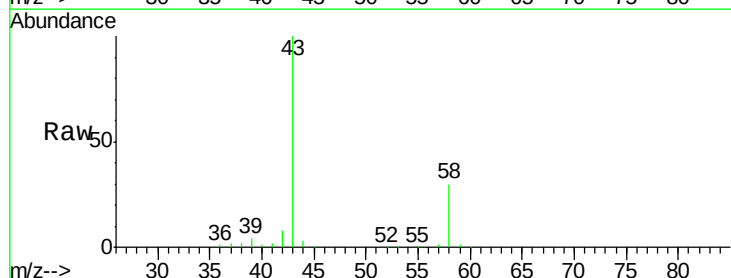
Acq: 26 Sep 2019 14:13

Tgt Ion: 43 Resp: 398928

Ion Ratio Lower Upper

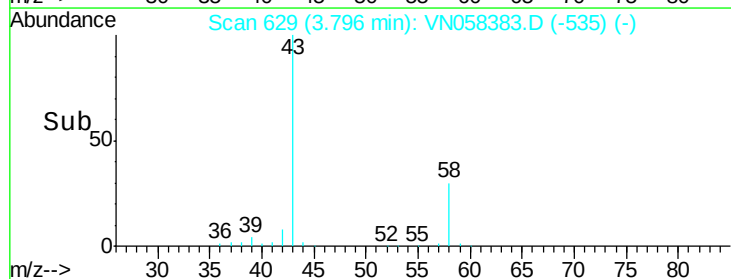
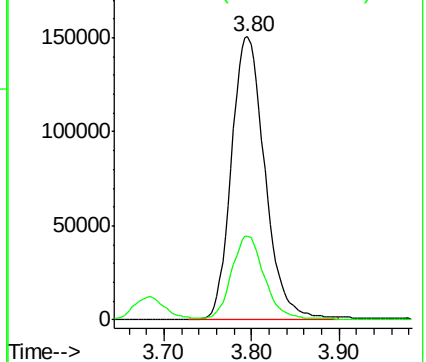
43 100

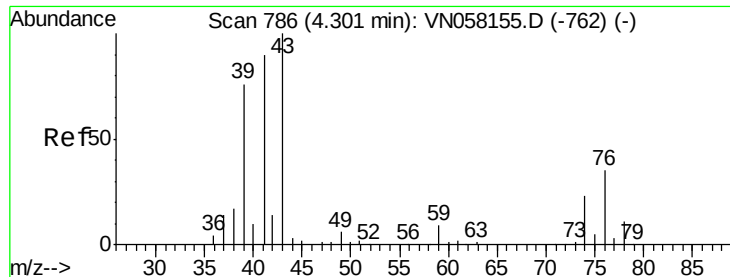
58 29.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methvl Acetate

Concen: 5.468 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

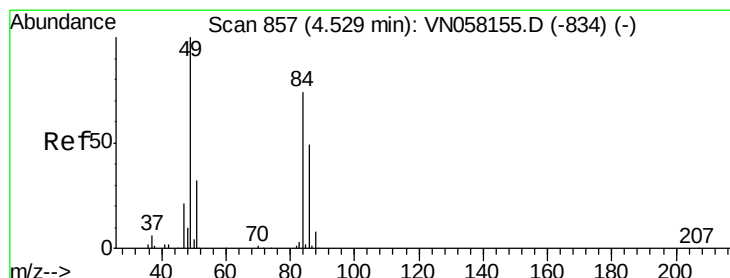
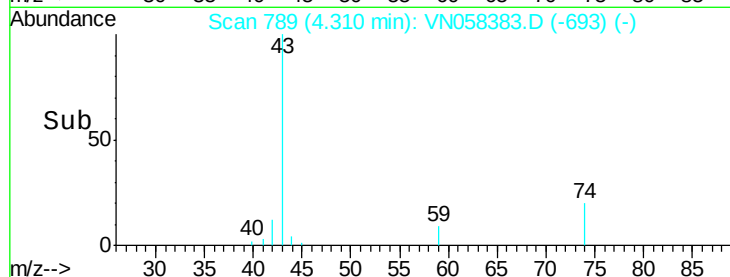
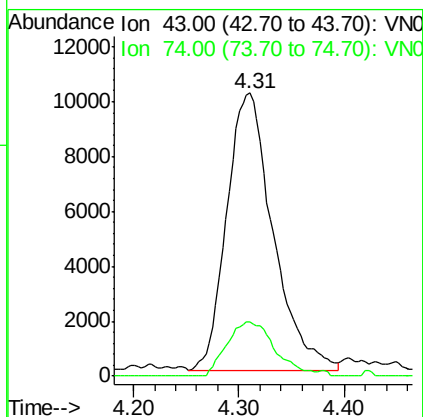
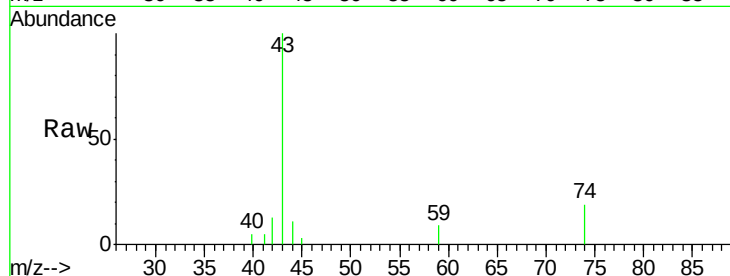
30481

Tot Ion: 43 Resp: 30701

Ion Ratio Lower Upper

43 100

74 20.4 18.0 27.0



#20

Methylene Chloride

Concen: 8.441 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Tgt Ion: 84 Resp: 32223

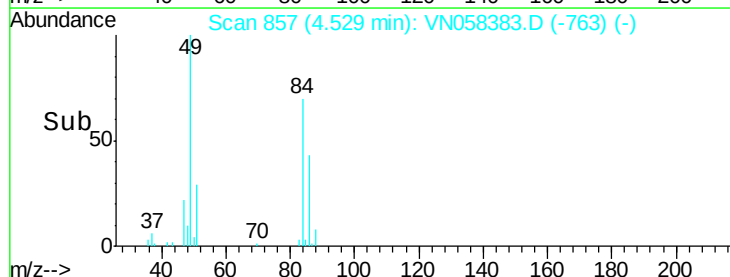
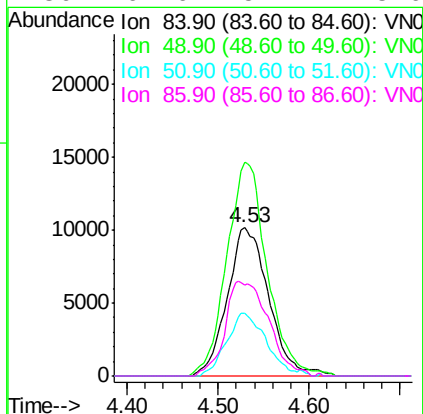
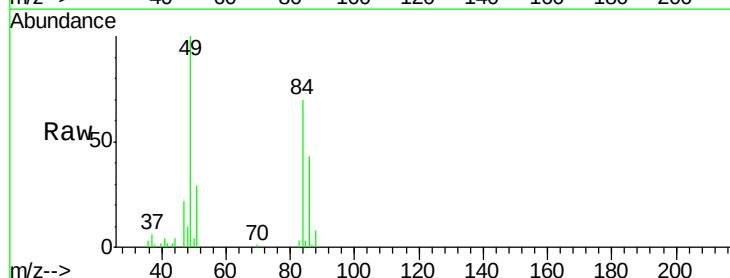
Ion Ratio Lower Upper

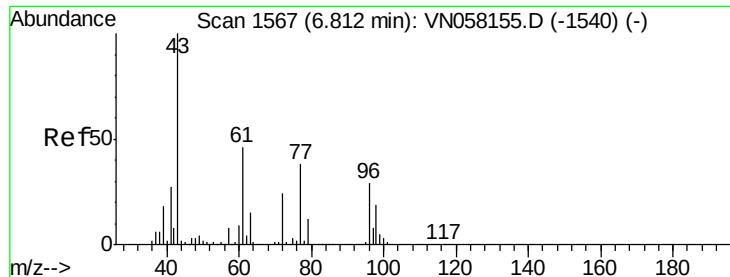
84 100

49 143.9 107.5 161.3

51 42.2 33.9 50.9

86 61.6 52.4 78.6

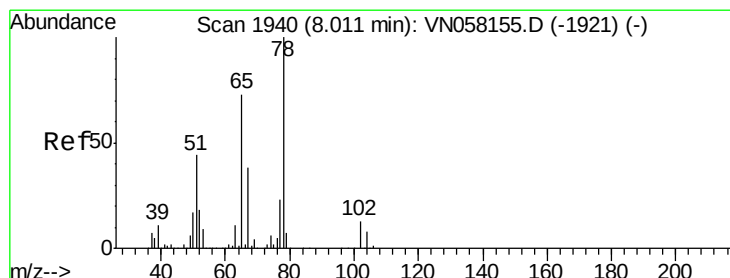
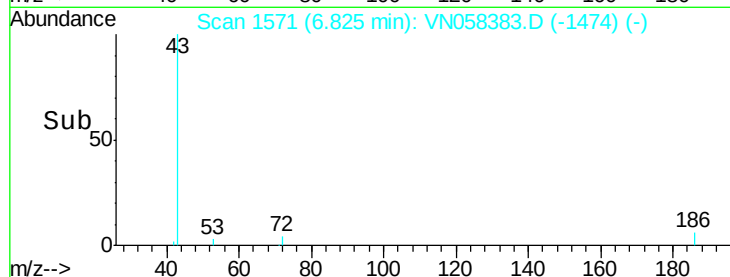
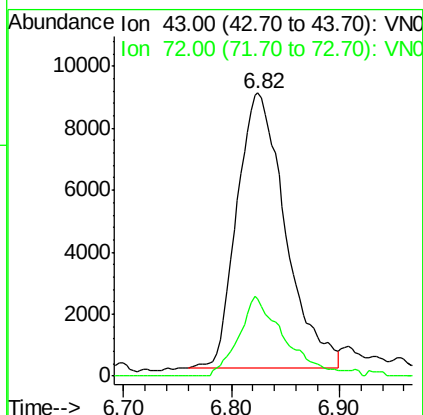
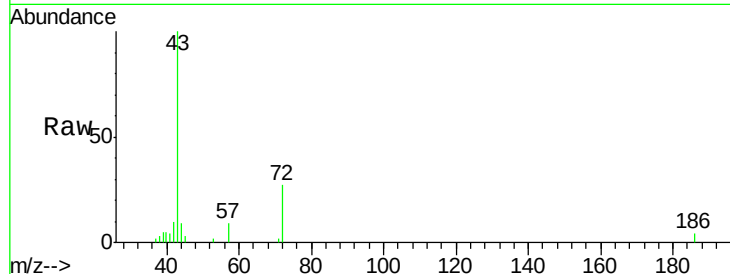




#25
2-Butanone
Concen: 9.502 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

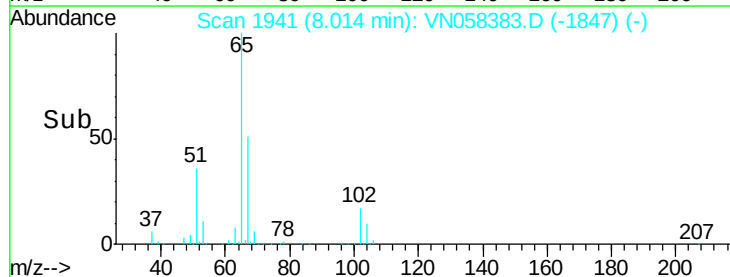
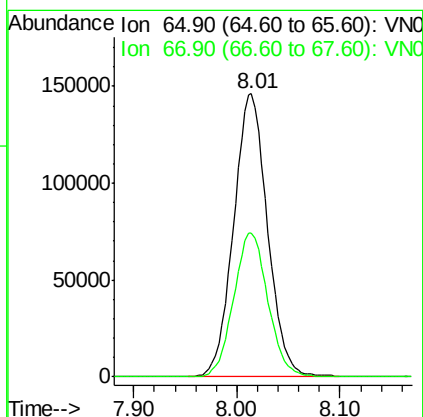
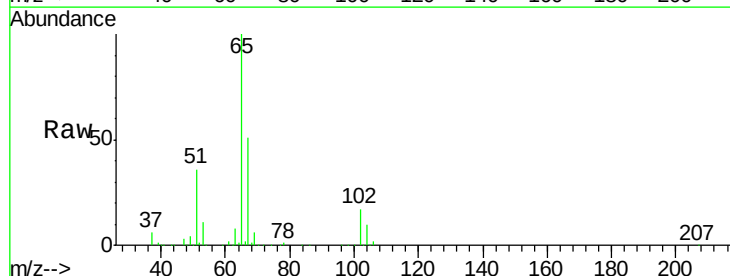
Instrument :
MSVOA_N
ClientSampled :
30481

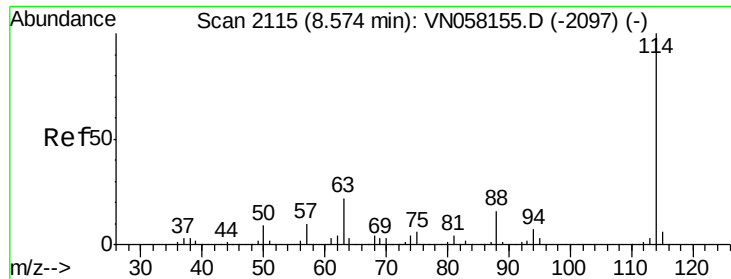
Tot Ion: 43 Resp: 27623
Ion Ratio Lower Upper
43 100
72 28.0 19.5 29.3



#33
1,2-Dichloroethane-d4
Concen: 53.176 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 65 Resp: 334286
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

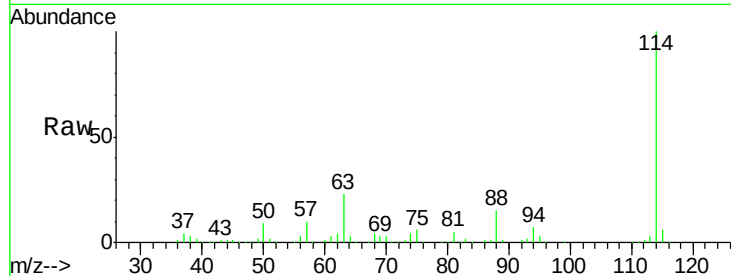




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 30481

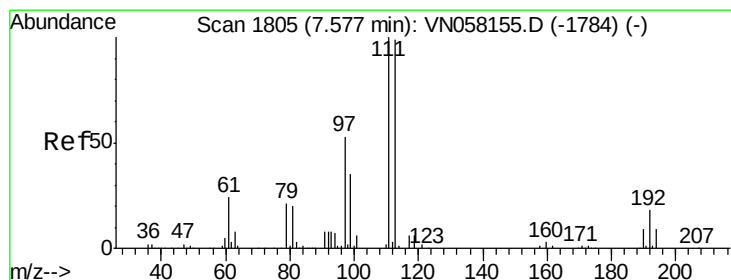
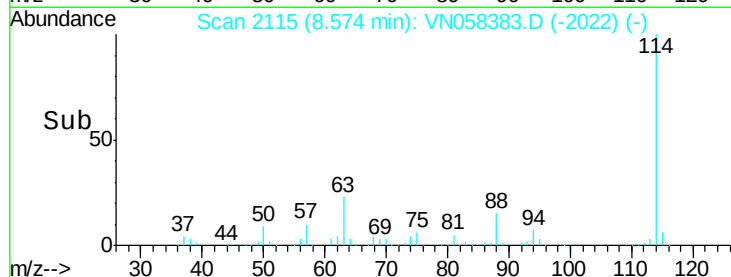
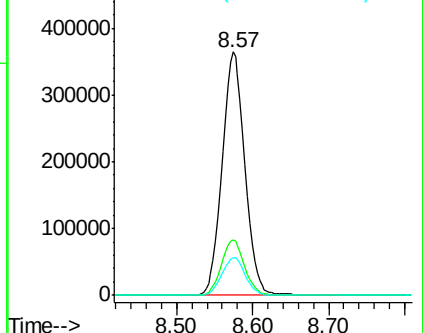
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.2
88	15.3	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

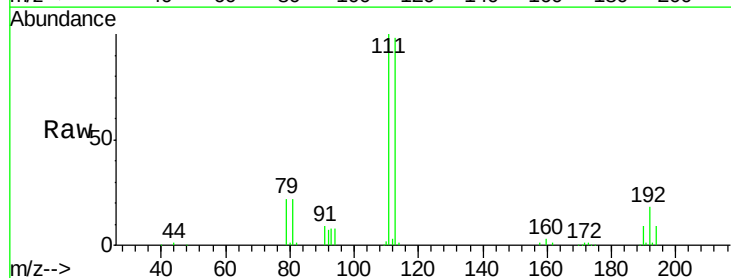
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 49.940 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

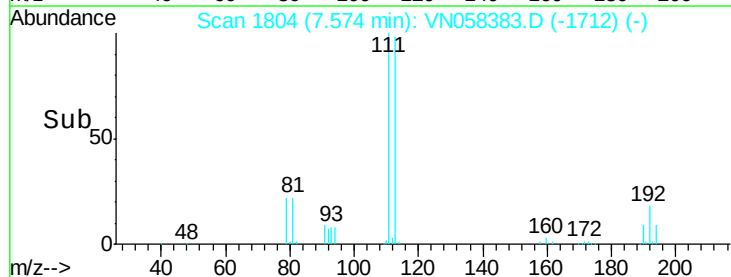
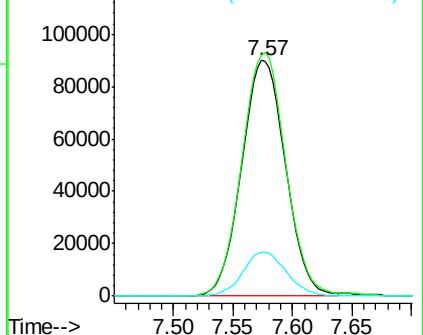
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.8	122.6
192	18.6	14.5	21.7

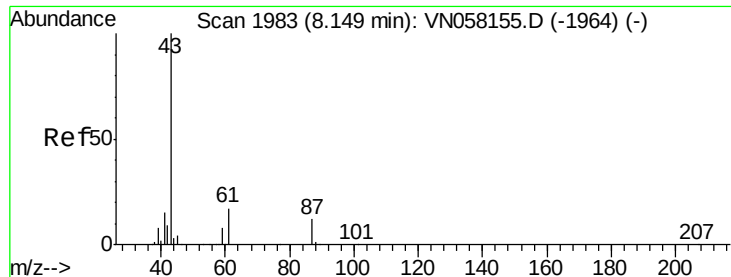


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 16.620 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

30481

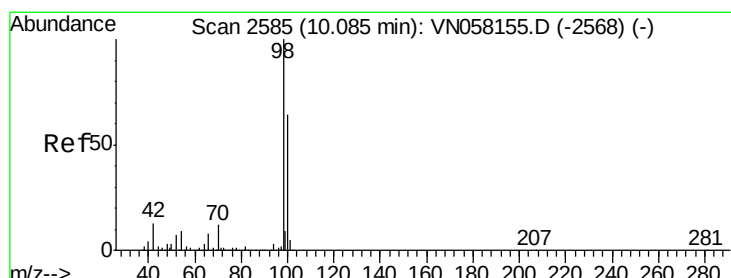
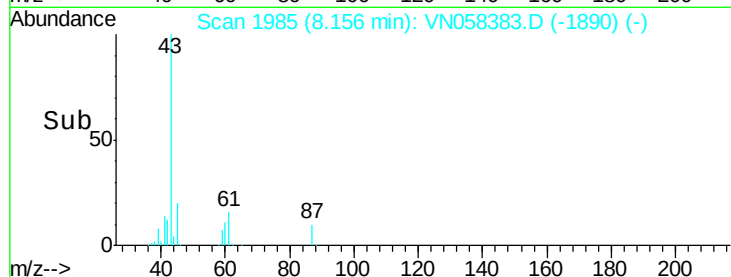
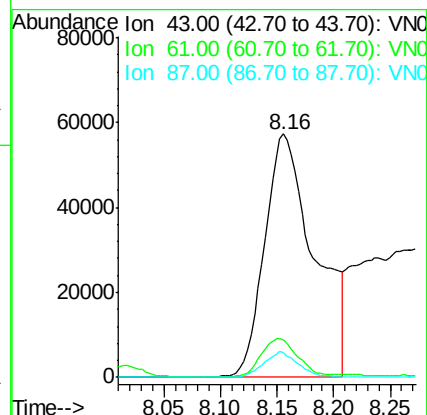
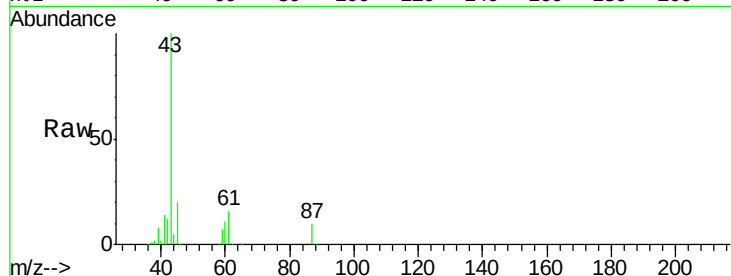
Tot Ion: 43 Resp: 175973

Ion Ratio Lower Upper

43 100

61 12.3 19.7 29.5#

87 7.2 9.4 14.2#



#50

Toluene-d8

Concen: 53.761 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058383.D

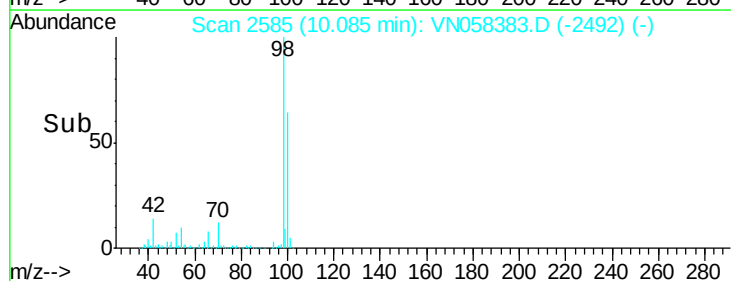
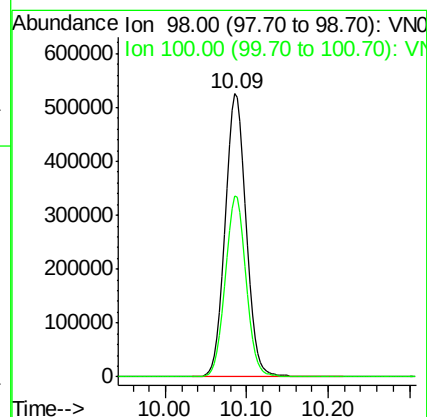
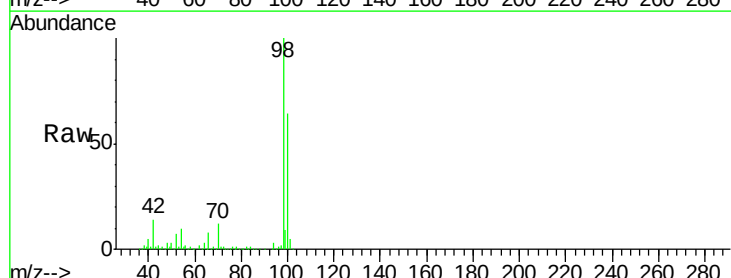
Acq: 26 Sep 2019 14:13

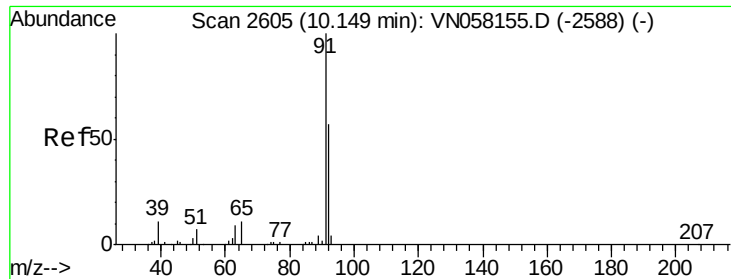
Tgt Ion: 98 Resp: 964597

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7





#52

Toluene

Concen: 242.478 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

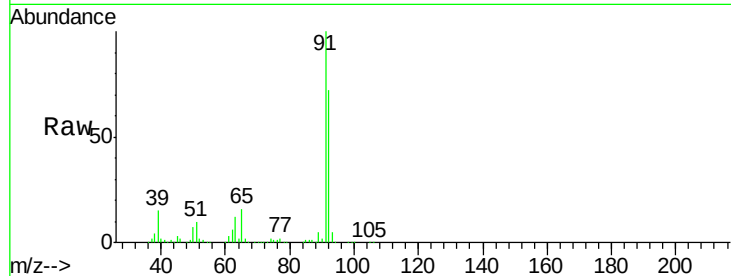
30481

Tot Ion: 92 Resp: 2535550

Ion Ratio Lower Upper

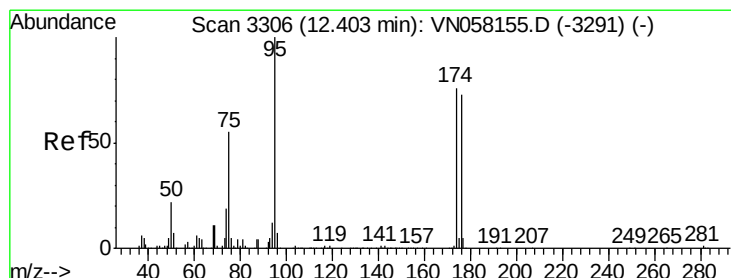
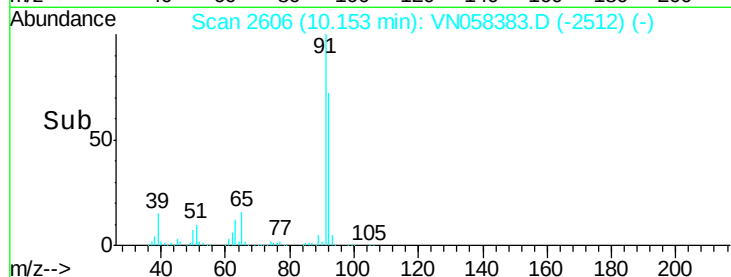
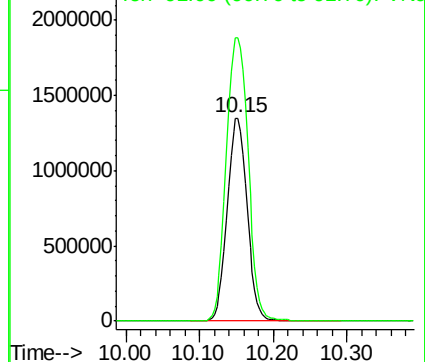
92 100

91 154.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 49.926 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

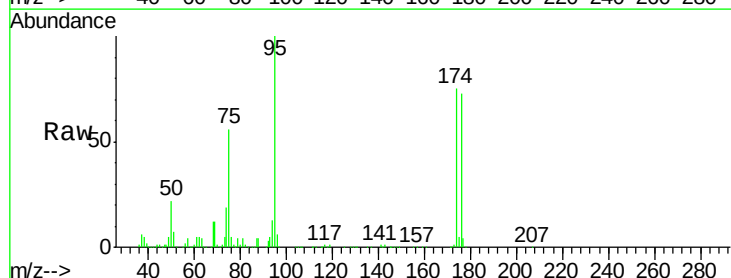
Tgt Ion: 95 Resp: 332749

Ion Ratio Lower Upper

95 100

174 74.8 0.0 152.2

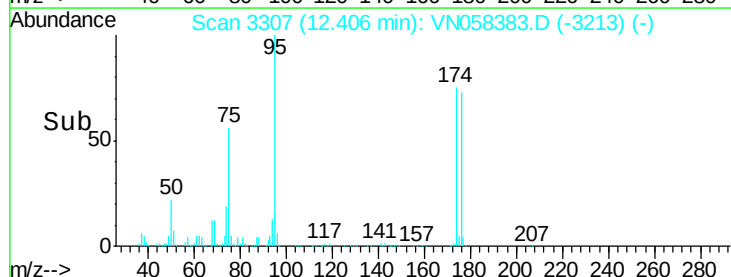
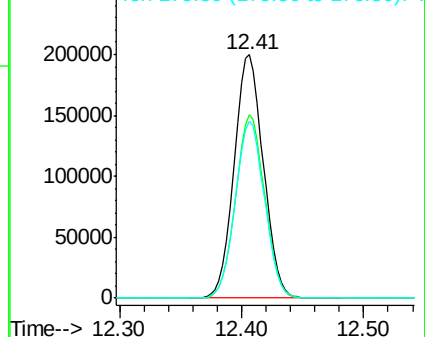
176 72.8 0.0 148.0

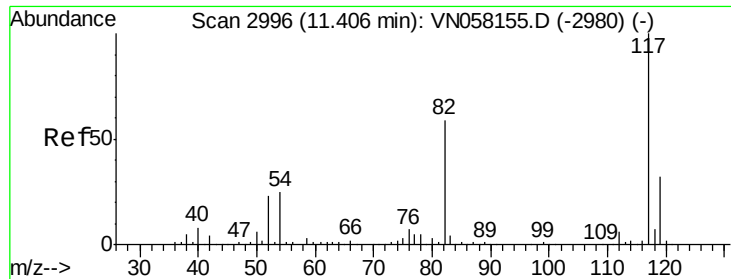


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

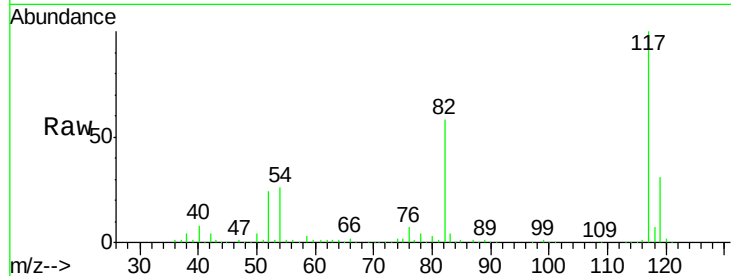




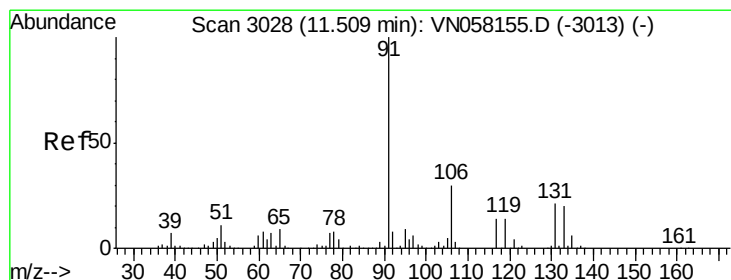
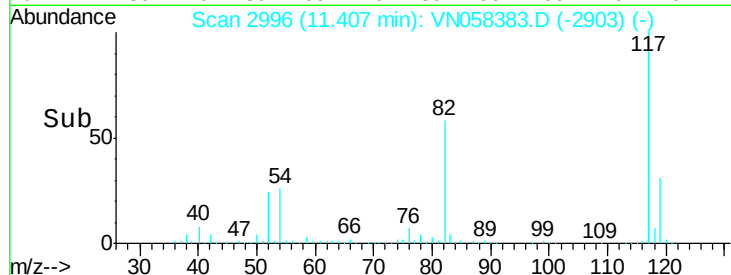
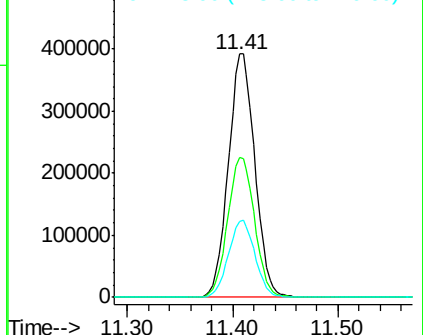
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Instrument :
MSVOA_N
ClientSampled :
30481

Tot Ion:117 Resp: 681232
Ion Ratio Lower Upper
117 100
82 57.6 46.9 70.3
119 31.2 25.3 37.9

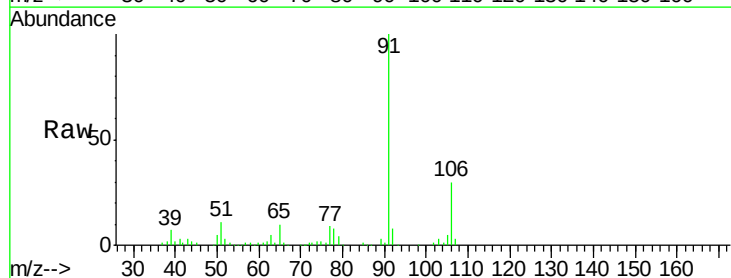


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

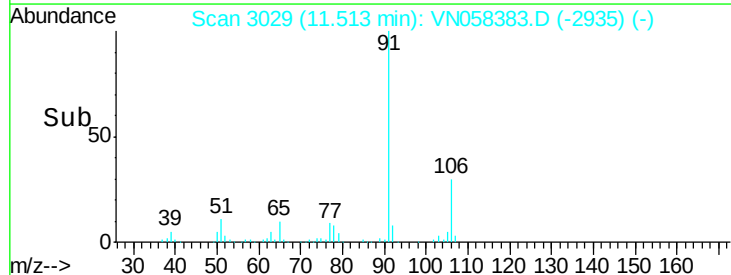
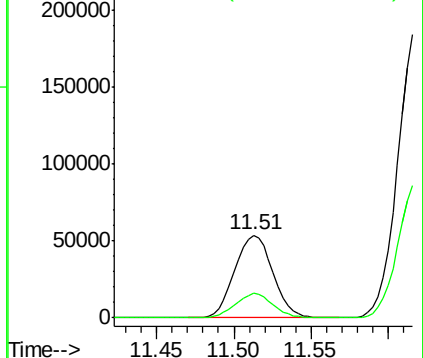


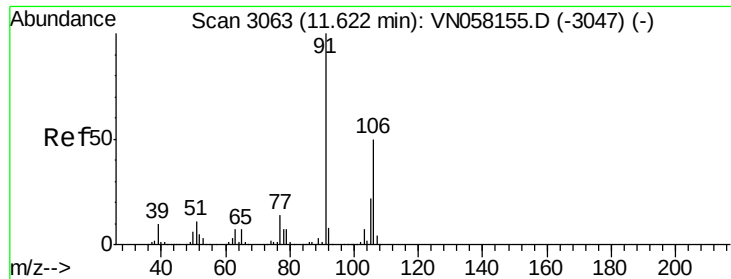
#67
Ethyl Benzene
Concen: 4.490 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 91 Resp: 92187
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



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

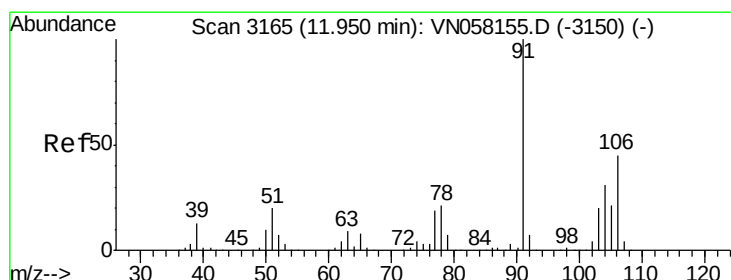
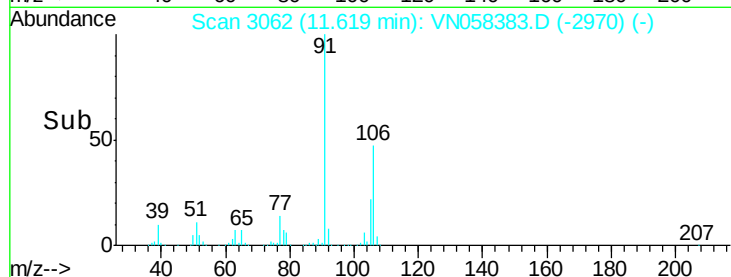
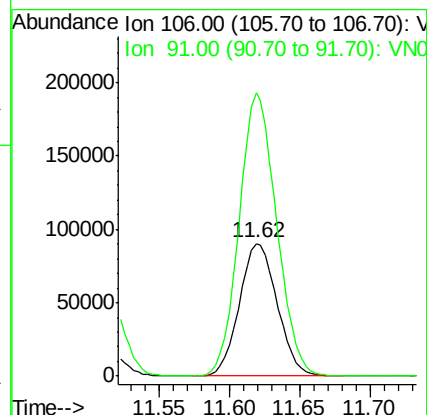
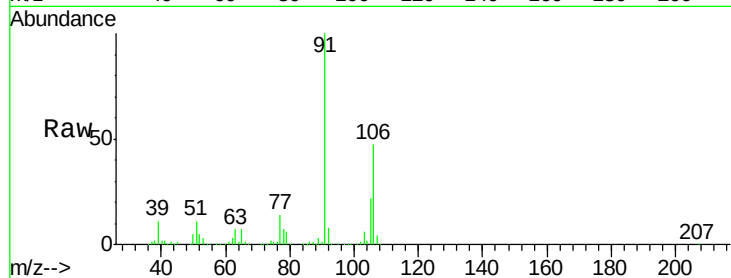




#68
m/p-Xylenes
Concen: 21.963 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

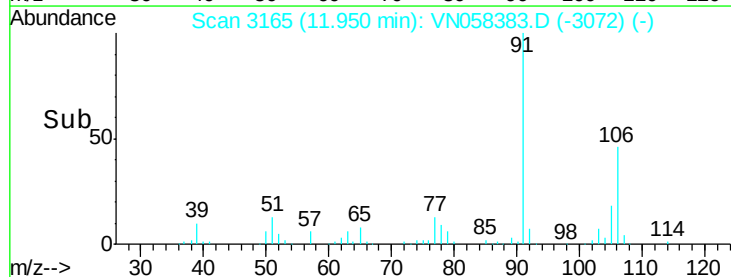
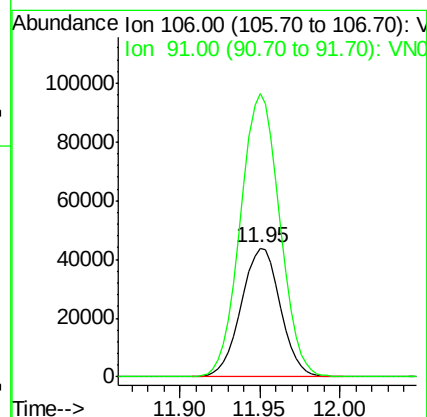
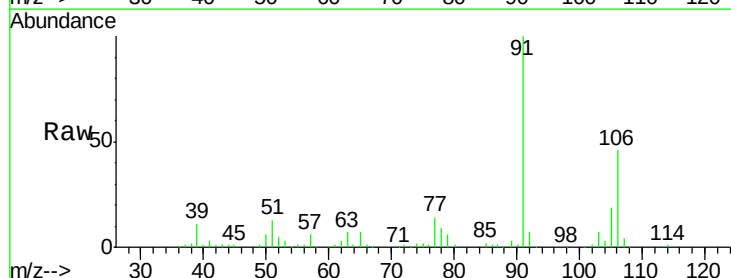
Instrument :
MSVOA_N
ClientSampled :
30481

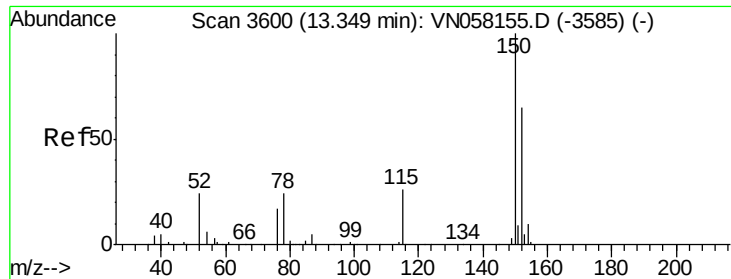
Tot Ion:106 Resp: 169837
Ion Ratio Lower Upper
106 100
91 211.5 163.6 245.4



#69
o-Xylene
Concen: 9.623 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion:106 Resp: 73167
Ion Ratio Lower Upper
106 100
91 220.9 111.8 335.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

30481

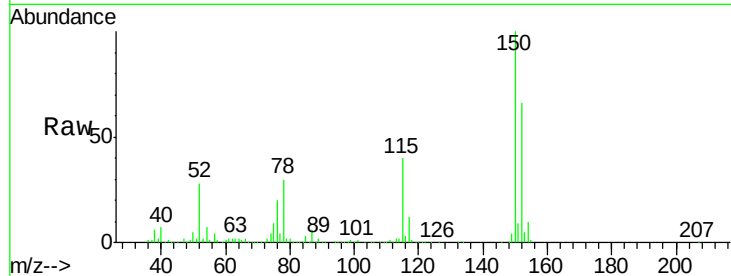
Tot Ion:152 Resp: 301745

Ion Ratio Lower Upper

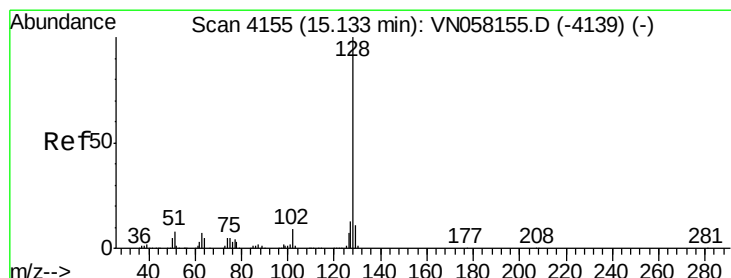
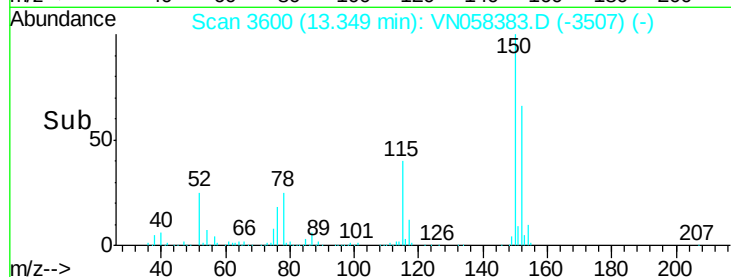
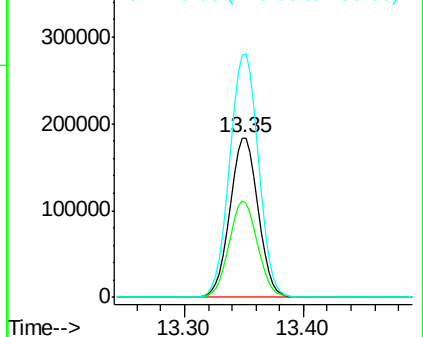
152 100

115 61.3 30.1 90.3

150 155.8 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



#95

Naphthalene

Concen: 1.593 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

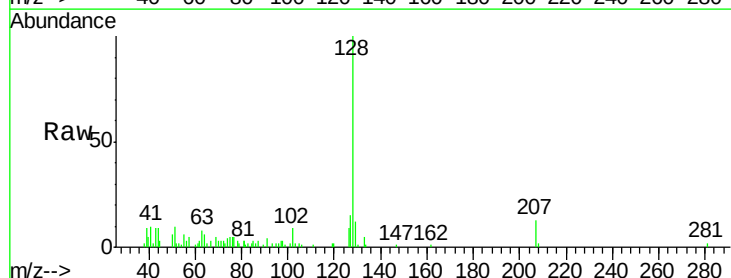
Tgt Ion:128 Resp: 22959

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 12.0 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

