

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053196.D
 Acq On : 24 Dec 2018 20:07
 Operator : MD\SY
 Sample : J6528-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23737

Quant Time: Dec 25 00:49:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1278855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1986614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1679650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	615173	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	640552	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
35) Dibromofluoromethane	7.59	113	550536	60.67	ug/l	0.00
Spiked Amount			Recovery	=	121.34%	
50) Toluene-d8	10.09	98	2380375	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	730124	42.69	ug/l	0.00
Spiked Amount			Recovery	=	85.38%	

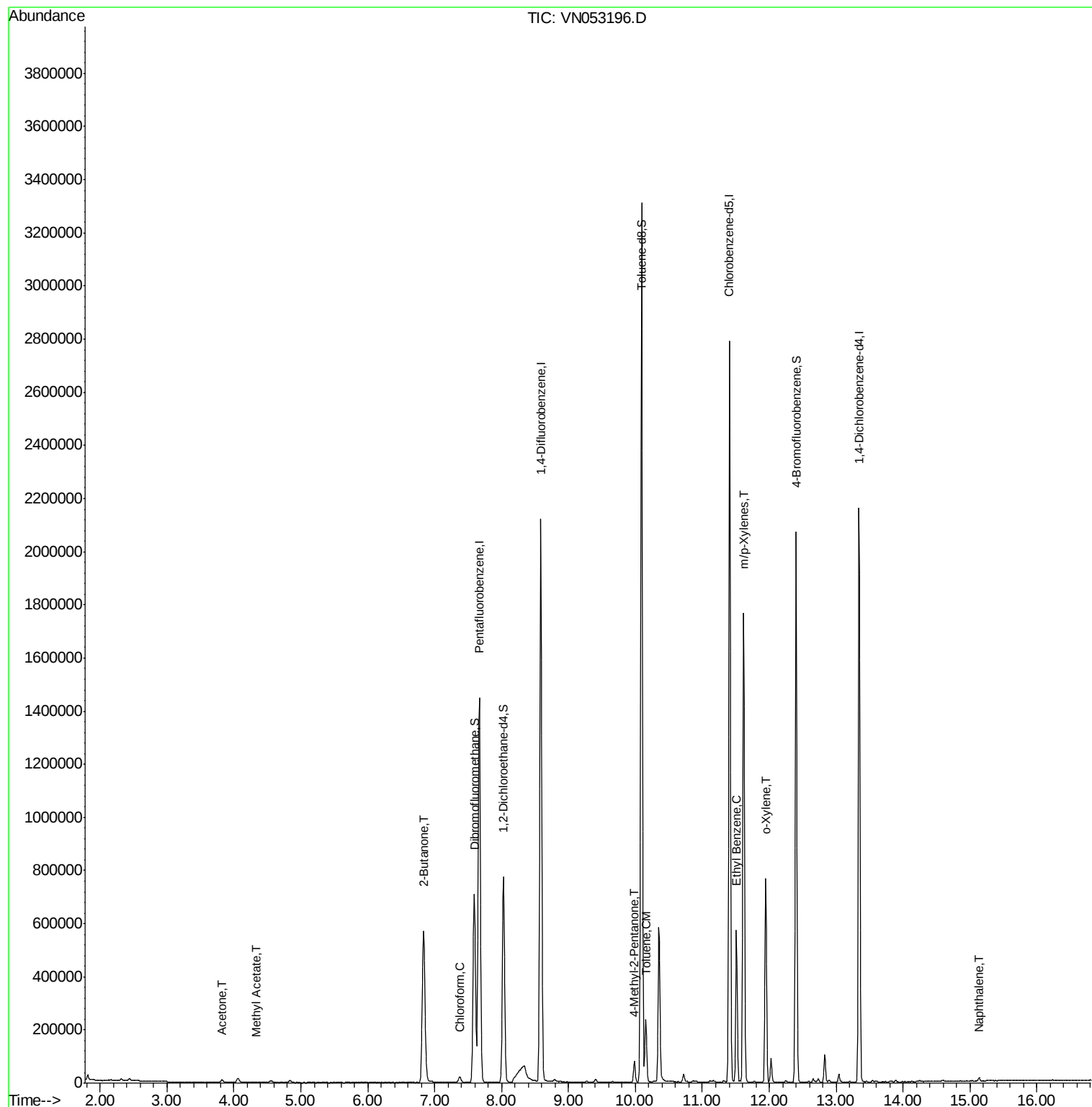
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17751	6.976	ug/l	94
18) Methyl Acetate	4.33	43	4764	1.396	ug/l #	84
25) 2-Butanone	6.83	43	1047783	245.359	ug/l	99
30) Chloroform	7.37	83	25363	1.078	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	55225	5.357	ug/l	99
52) Toluene	10.16	92	104672	2.977	ug/l	99
67) Ethyl Benzene	11.51	91	426884	6.667	ug/l	100
68) m/p-Xylenes	11.62	106	569780	23.407	ug/l	100
69) o-Xylene	11.95	106	222144	9.510	ug/l	98
95) Naphthalene	15.14	128	12192	1.639	ug/l #	89

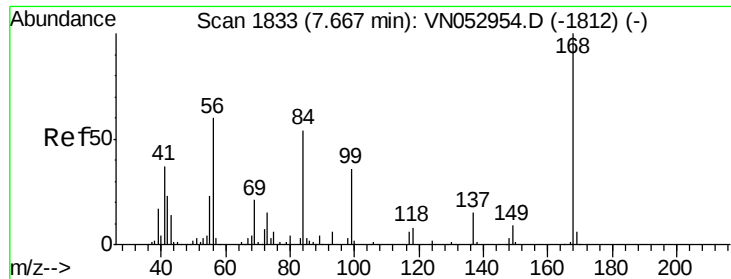
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053196.D

Acq: 24 Dec 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

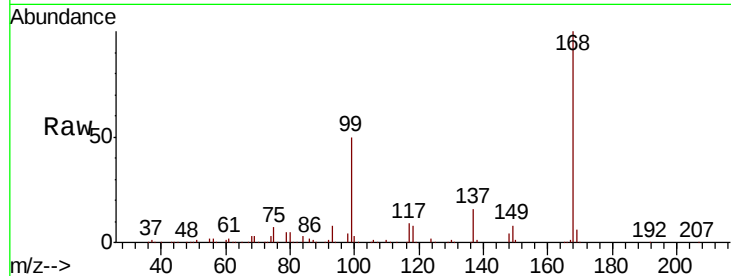
23737

Tot Ion:168 Resp: 1278855

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053196.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053196.D (-1740) (-)

7.67

600000

500000

400000

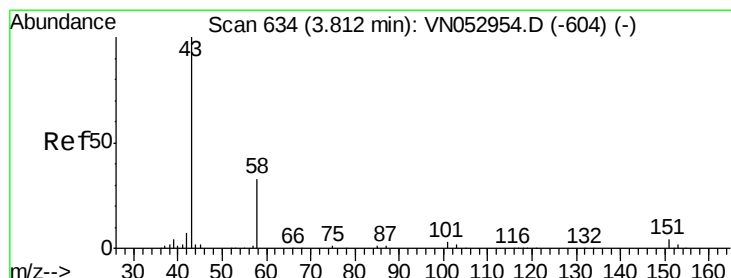
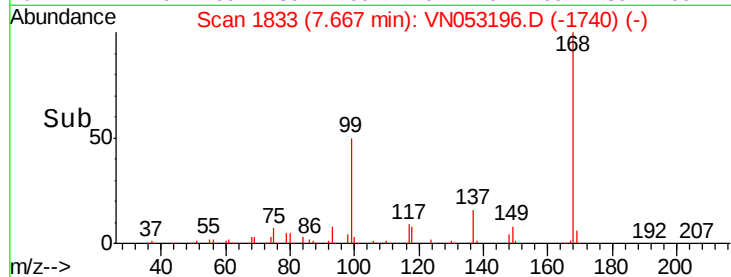
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.976 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053196.D

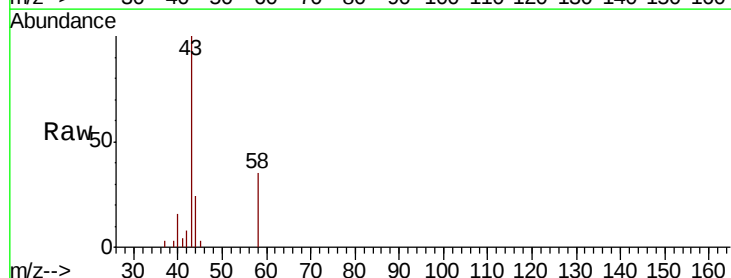
Acq: 24 Dec 2018 20:07

Tgt Ion: 43 Resp: 17751

Ion Ratio Lower Upper

43 100

58 34.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053196.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053196.D (-541) (-)

3.82

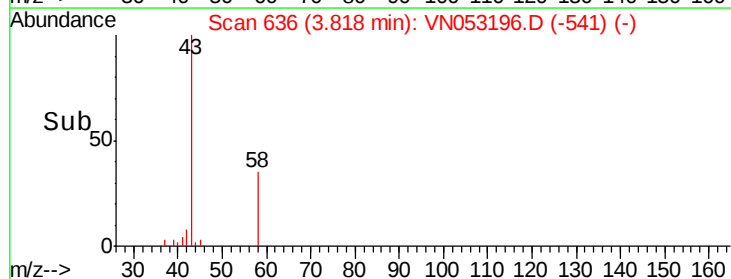
6000

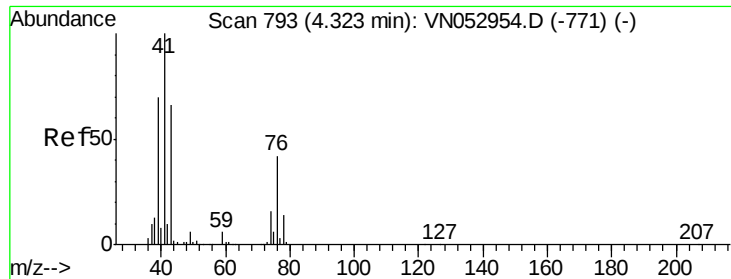
4000

2000

0

Time-->

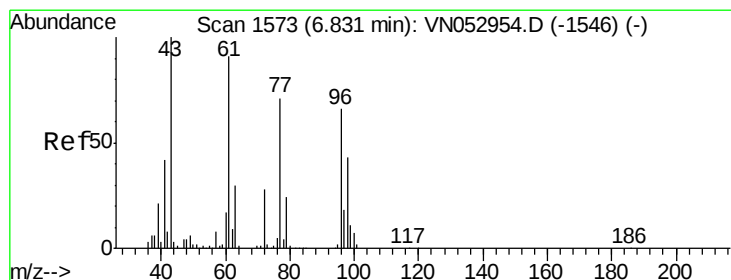
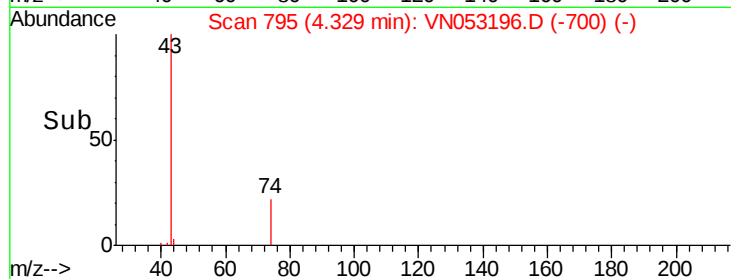
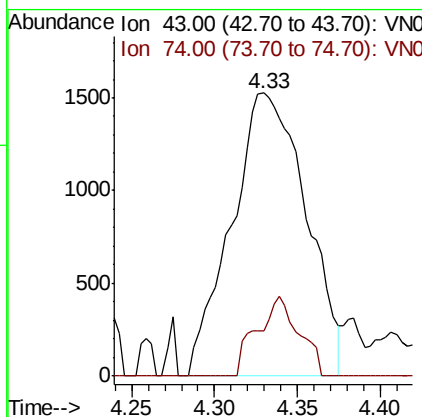
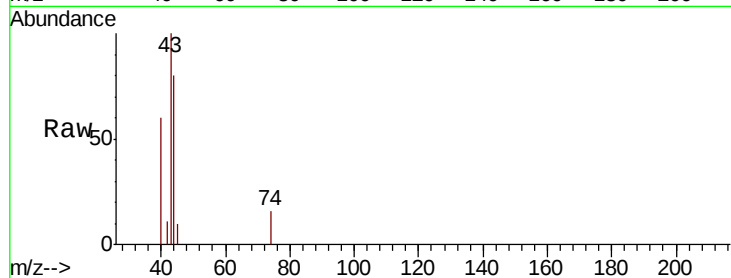




#18
Methvl Acetate
Concen: 1.396 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

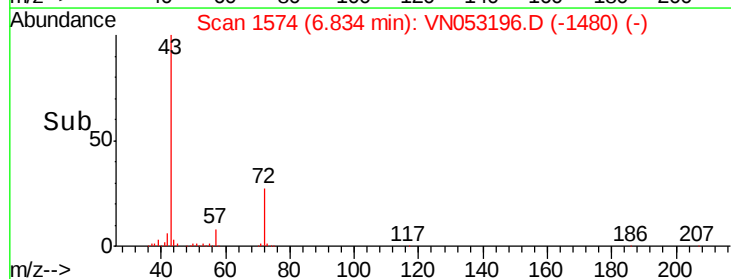
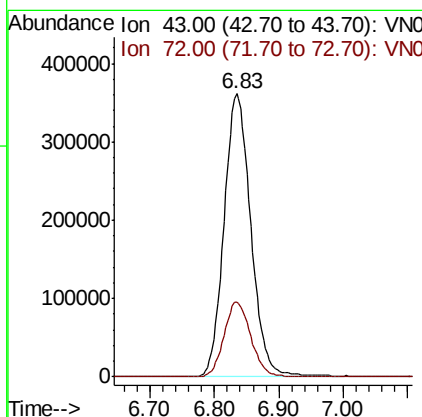
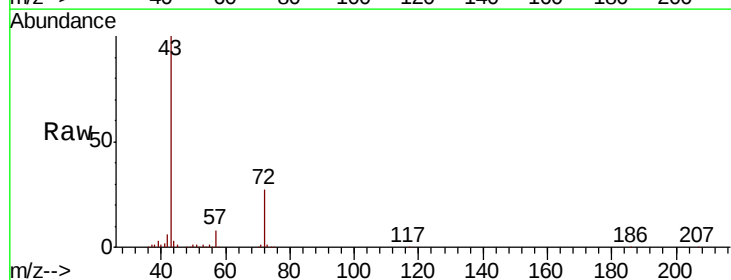
Instrument :
MSVOA_N
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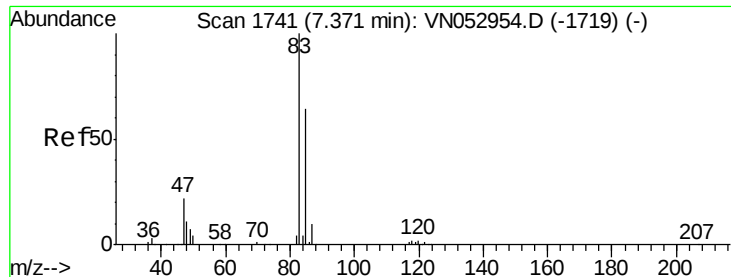
Tot Ion: 43 Resp: 4764
Ion Ratio Lower Upper
43 100
74 16.0 19.2 28.8#



#25
2-Butanone
Concen: 245.359 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

Tgt Ion: 43 Resp: 1047783
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.6

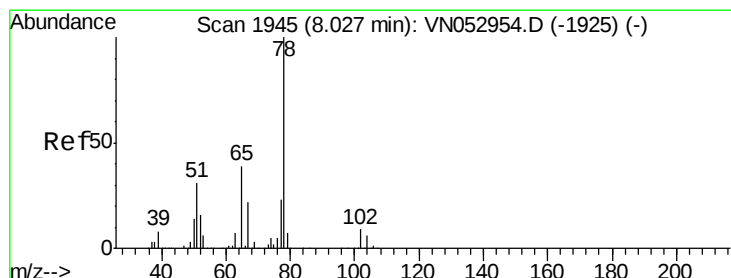
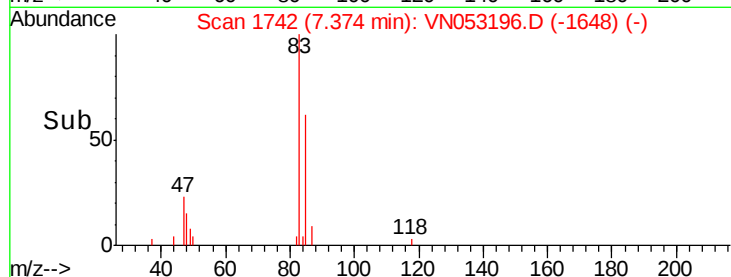
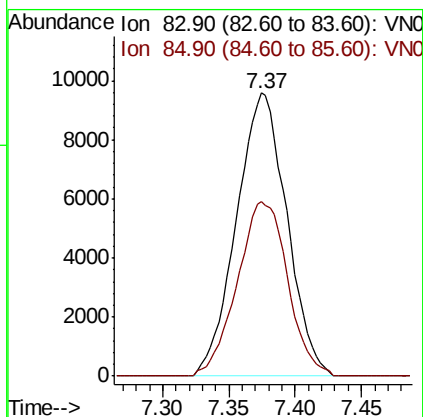
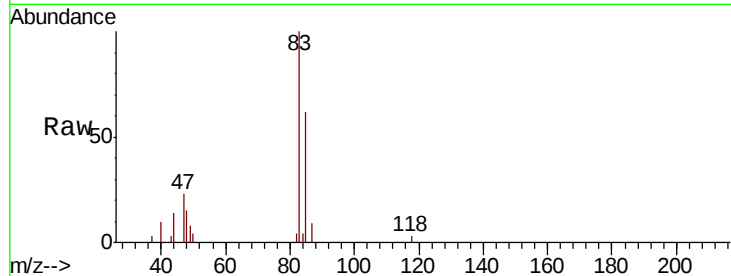




#30
Chloroform
Concen: 1.078 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

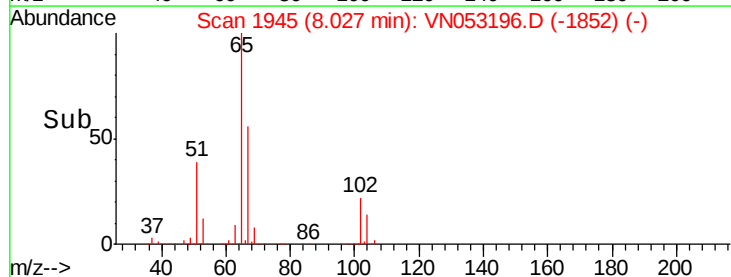
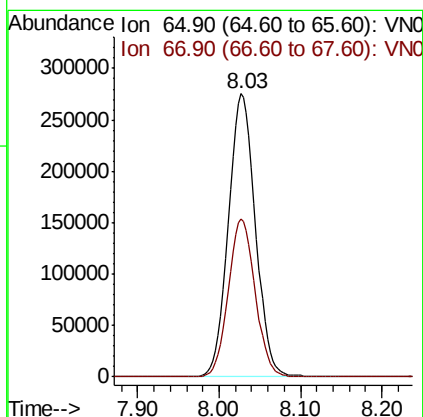
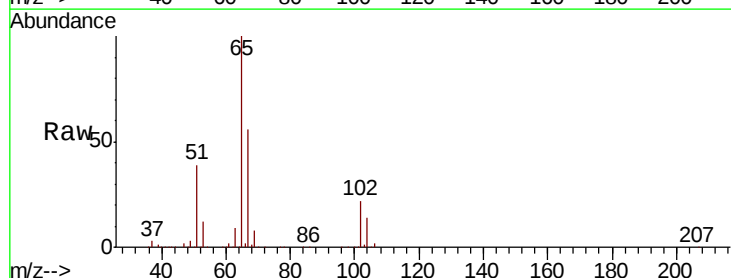
Instrument :
MSVOA_N
ClientSampled :
23737

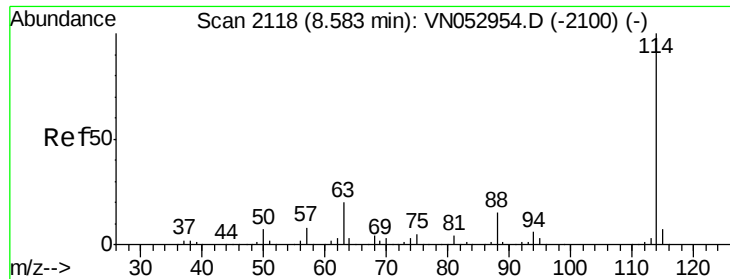
Tot Ion: 83 Resp: 25363
Ion Ratio Lower Upper
83 100
85 61.8 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

Tgt Ion: 65 Resp: 640552
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.4

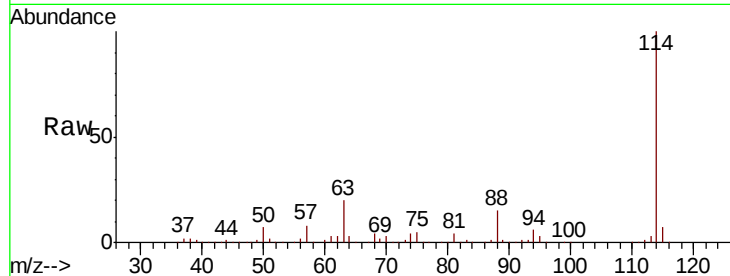




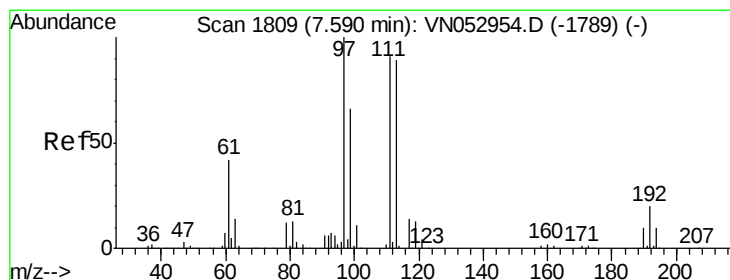
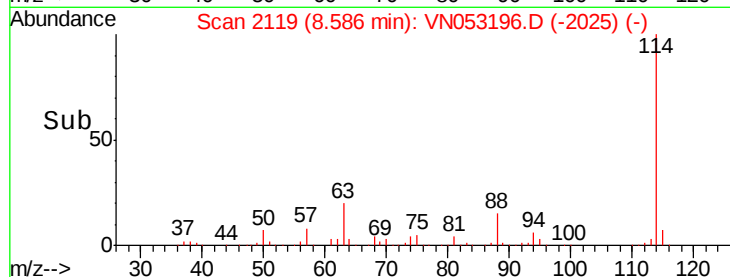
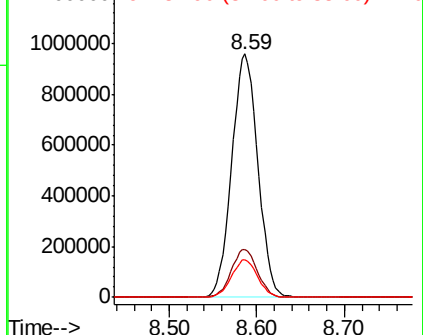
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053196.D
 Acq: 24 Dec 2018 20:07

Instrument :
 MSVOA_N
 ClientSampleId :
 23737

Tot Ion:114 Resp: 1986614
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.5 0.0 31.0

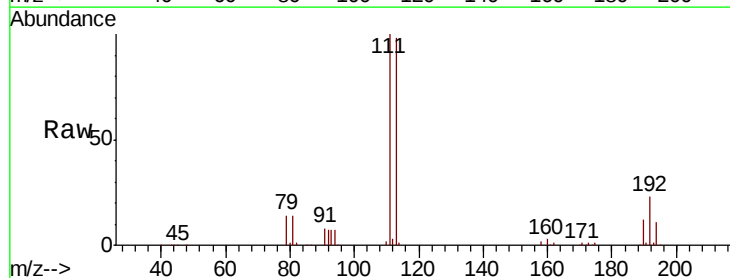


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

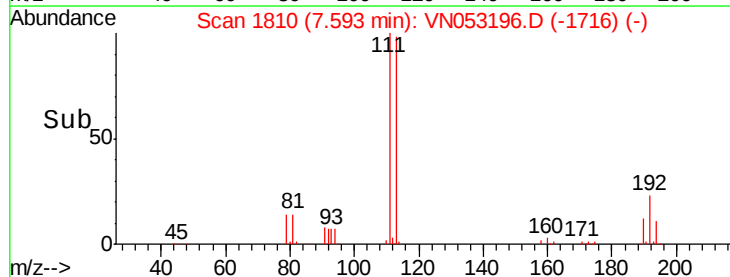
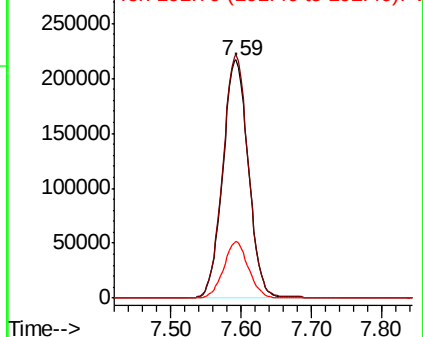


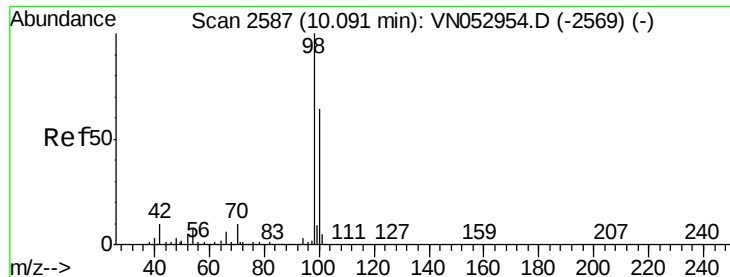
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053196.D
 Acq: 24 Dec 2018 20:07

Tgt Ion:113 Resp: 550536
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.4
 192 22.9 17.5 26.3



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053196.D

Acq: 24 Dec 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

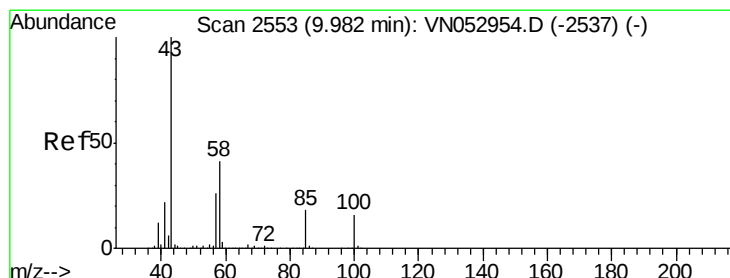
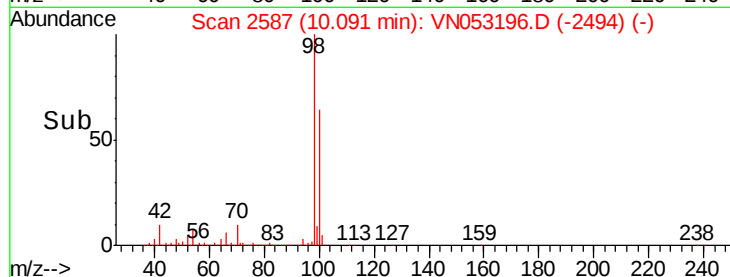
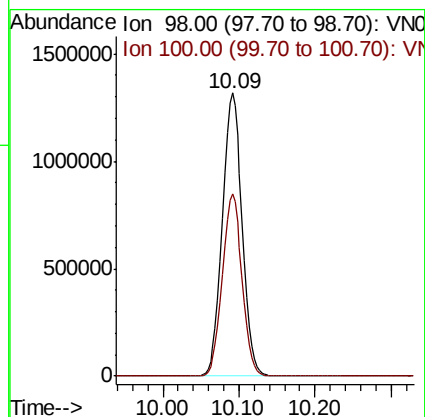
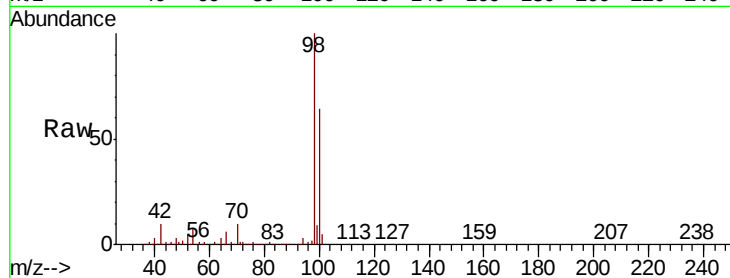
23737

Tot Ion: 98 Resp: 2380375

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 5.357 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053196.D

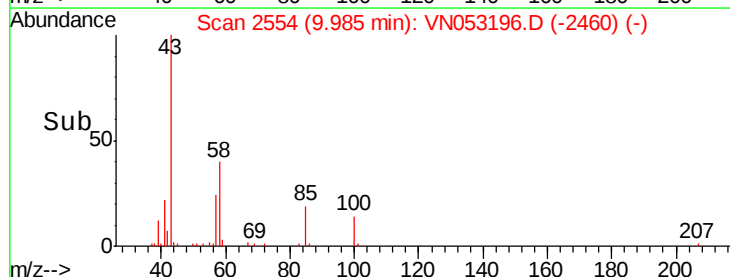
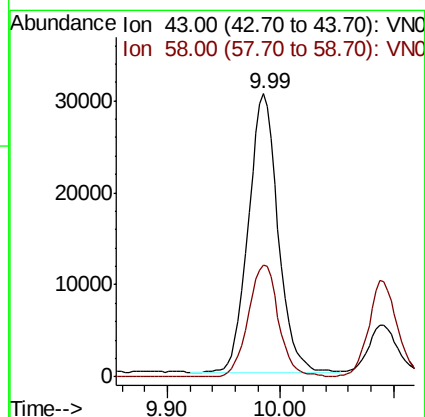
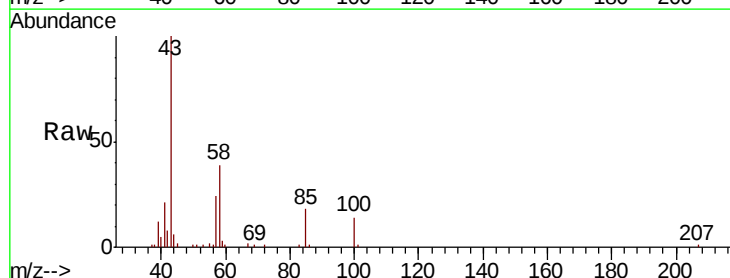
Acq: 24 Dec 2018 20:07

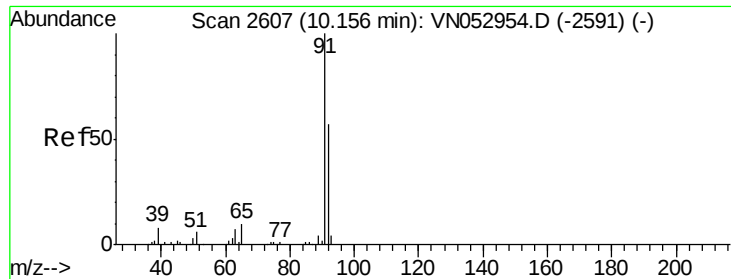
Tgt Ion: 43 Resp: 55225

Ion Ratio Lower Upper

43 100

58 41.0 32.2 48.4





#52

Toluene

Concen: 2.977 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053196.D

Acq: 24 Dec 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

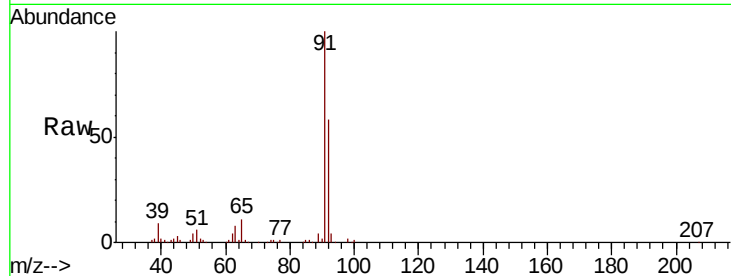
23737

Tot Ion: 92 Resp: 104672

Ion Ratio Lower Upper

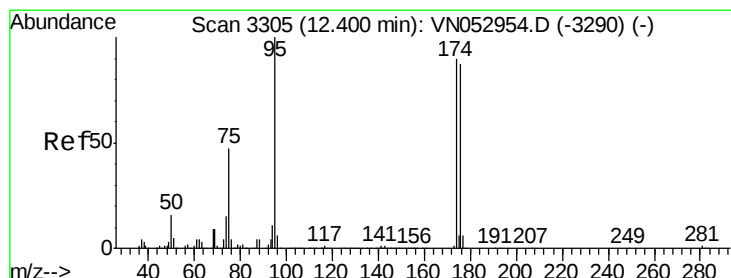
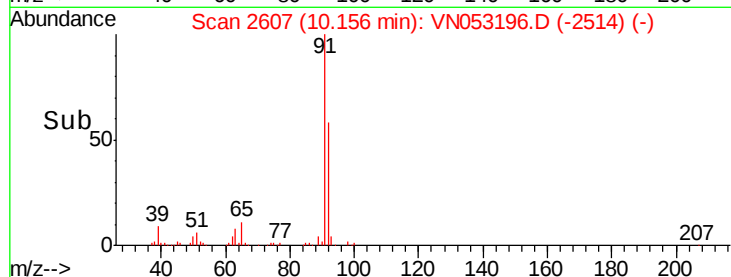
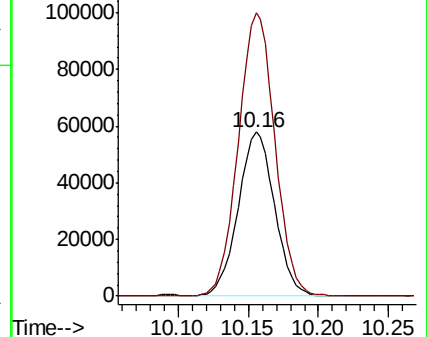
92 100

91 173.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053196.D

Acq: 24 Dec 2018 20:07

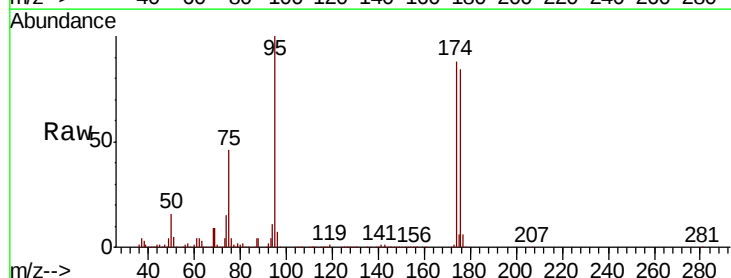
Tgt Ion: 95 Resp: 730124

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.8

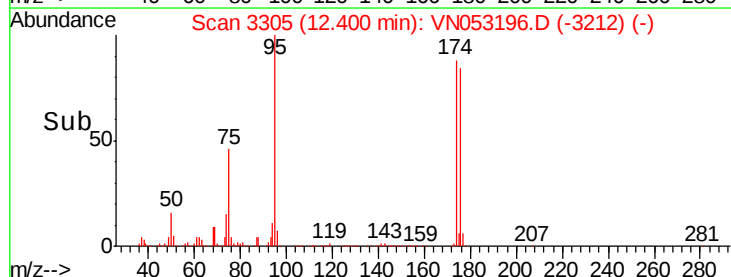
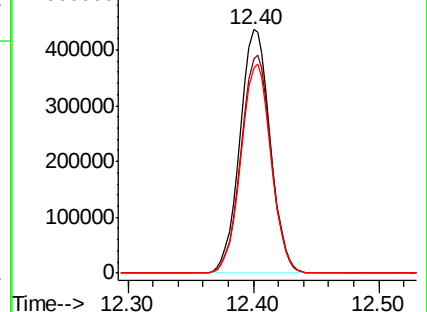
176 85.8 0.0 173.8

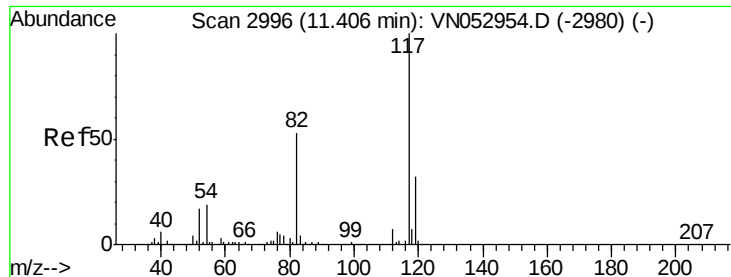


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

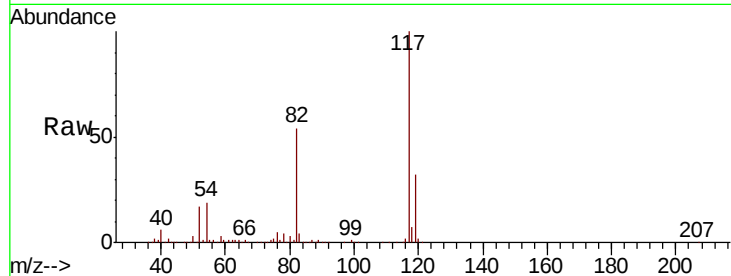




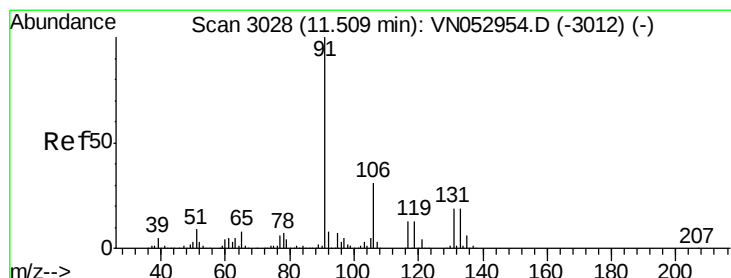
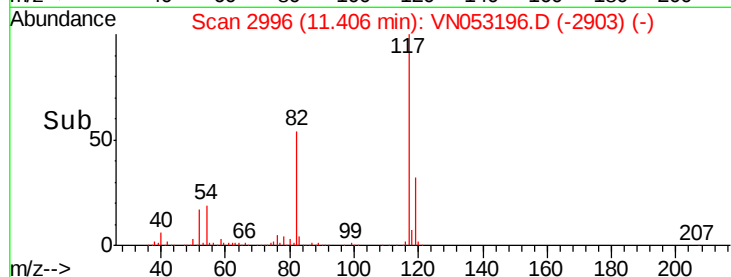
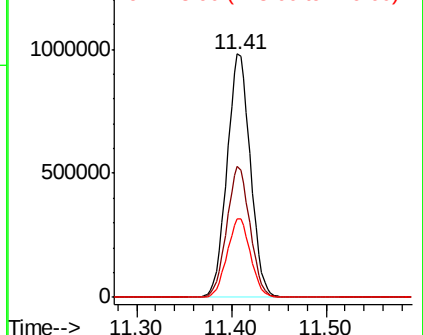
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

Instrument :
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ClientSampled :
23737

Tot Ion:117 Resp: 1679650
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.1 25.5 38.3

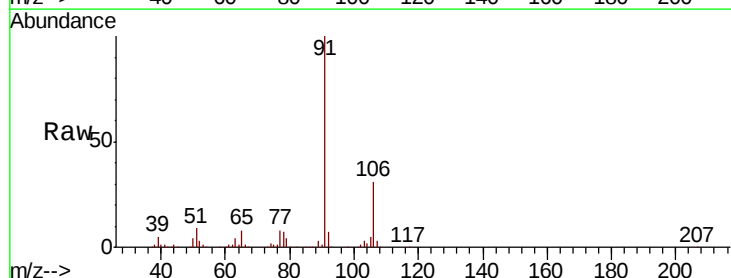


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

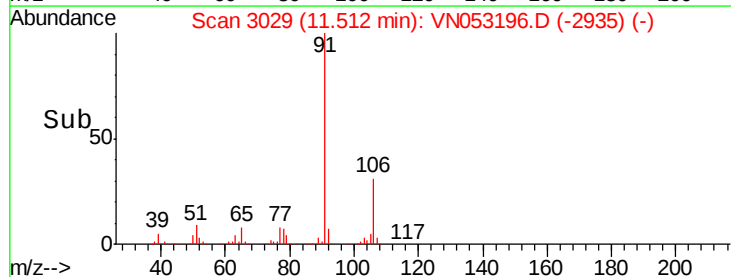
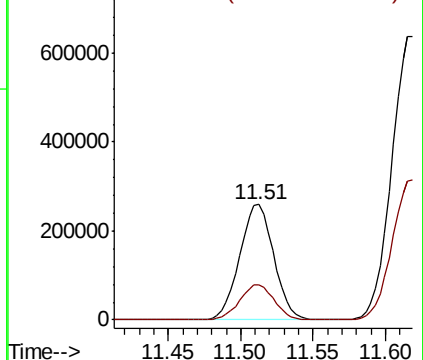


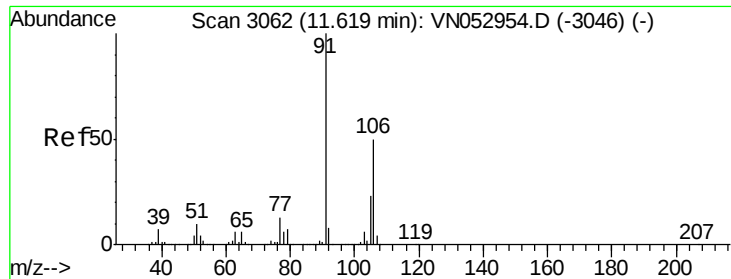
#67
Ethyl Benzene
Concen: 6.667 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

Tgt Ion: 91 Resp: 426884
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



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

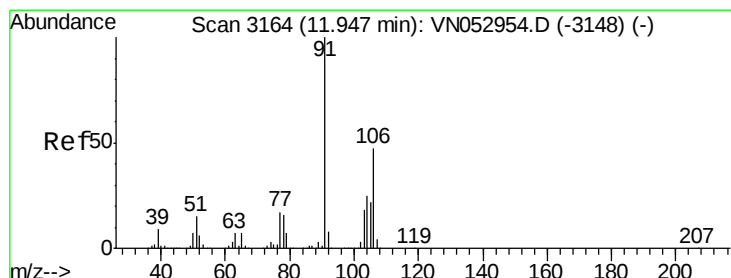
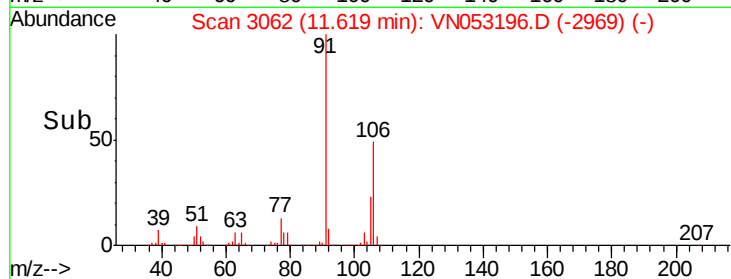
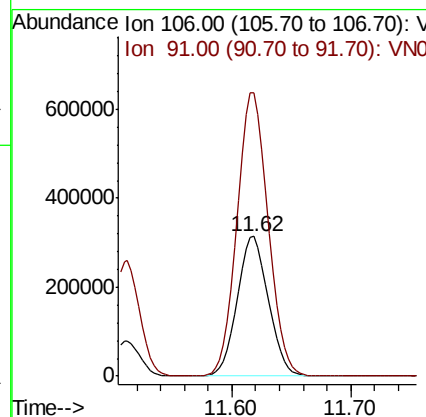
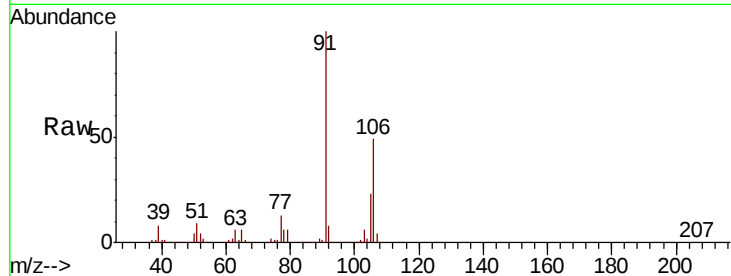




#68
m/p-Xylenes
Concen: 23.407 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

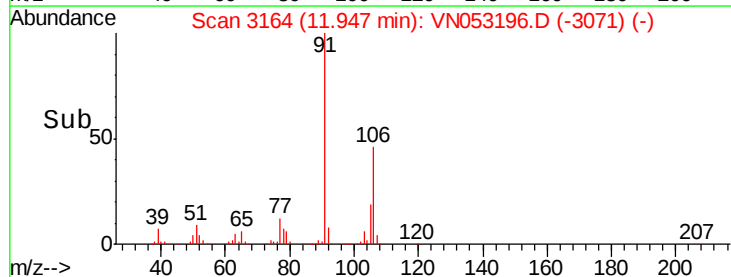
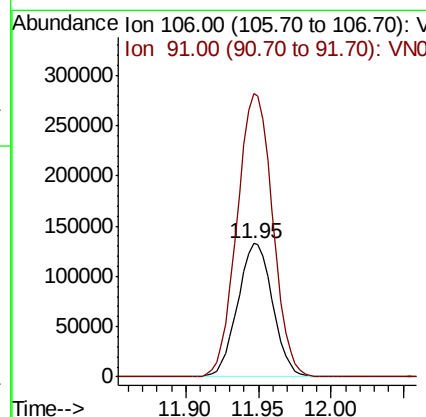
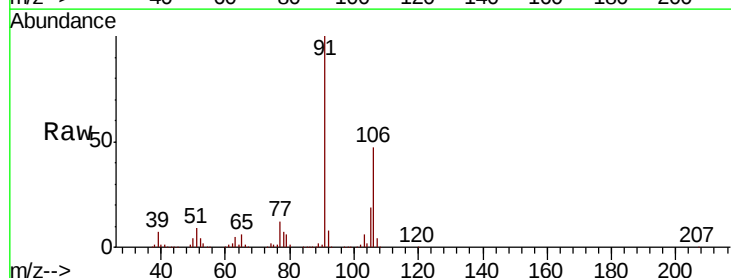
Instrument :
MSVOA_N
ClientSampled :
23737

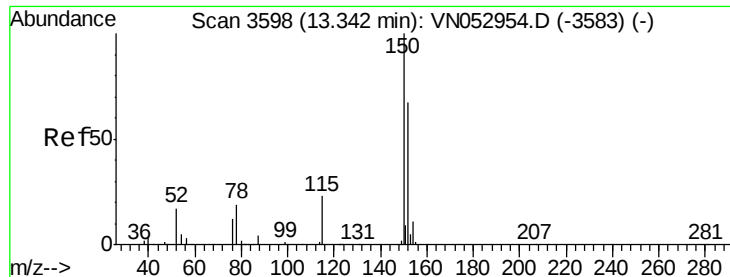
Tot Ion:106 Resp: 569780
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.4



#69
o-Xylene
Concen: 9.510 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053196.D
Acq: 24 Dec 2018 20:07

Tgt Ion:106 Resp: 222144
Ion Ratio Lower Upper
106 100
91 216.4 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053196.D

Acq: 24 Dec 2018 20:07

Instrument :

MSVOA_N

ClientSampleId :

23737

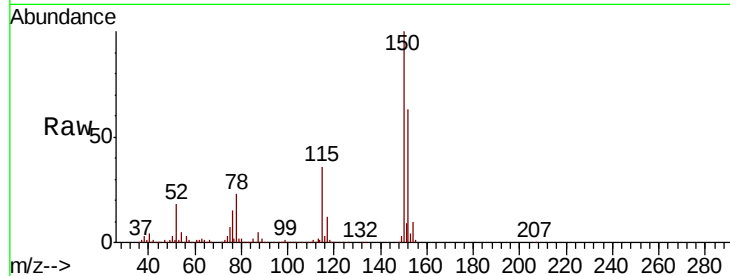
Tot Ion:152 Resp: 615173

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

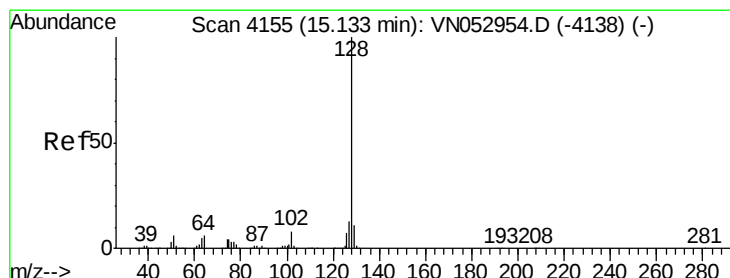
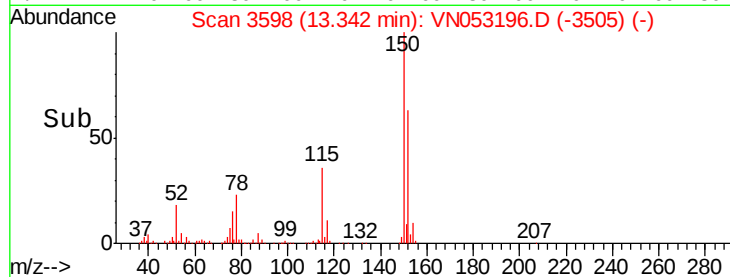
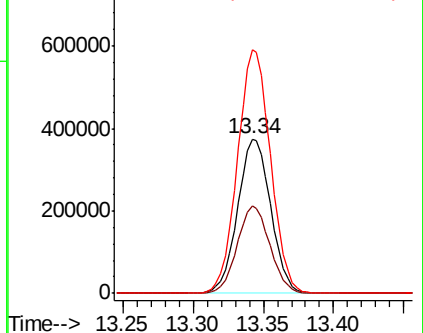
150 157.5 0.0 347.8



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: 1.639 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053196.D

Acq: 24 Dec 2018 20:07

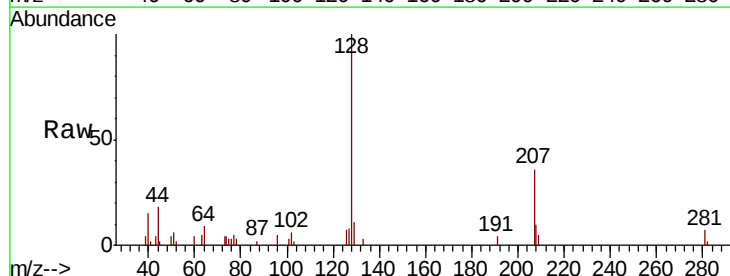
Tgt Ion:128 Resp: 12192

Ion Ratio Lower Upper

128 100

127 5.9 10.2 15.4#

129 9.7 8.6 13.0



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

