

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051559.D
 Acq On : 27 Sep 2018 1:19
 Operator : MD\SY
 Sample : J5064-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP

Quant Time: Sep 27 08:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	982939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	791498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321827	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	439415	57.28	ug/l	0.00
Spiked Amount			Recovery	=	114.56%	
35) Dibromofluoromethane	7.59	113	371660	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
50) Toluene-d8	10.09	98	1360032	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.40	95	376470	39.32	ug/l	0.00
Spiked Amount			Recovery	=	78.64%	

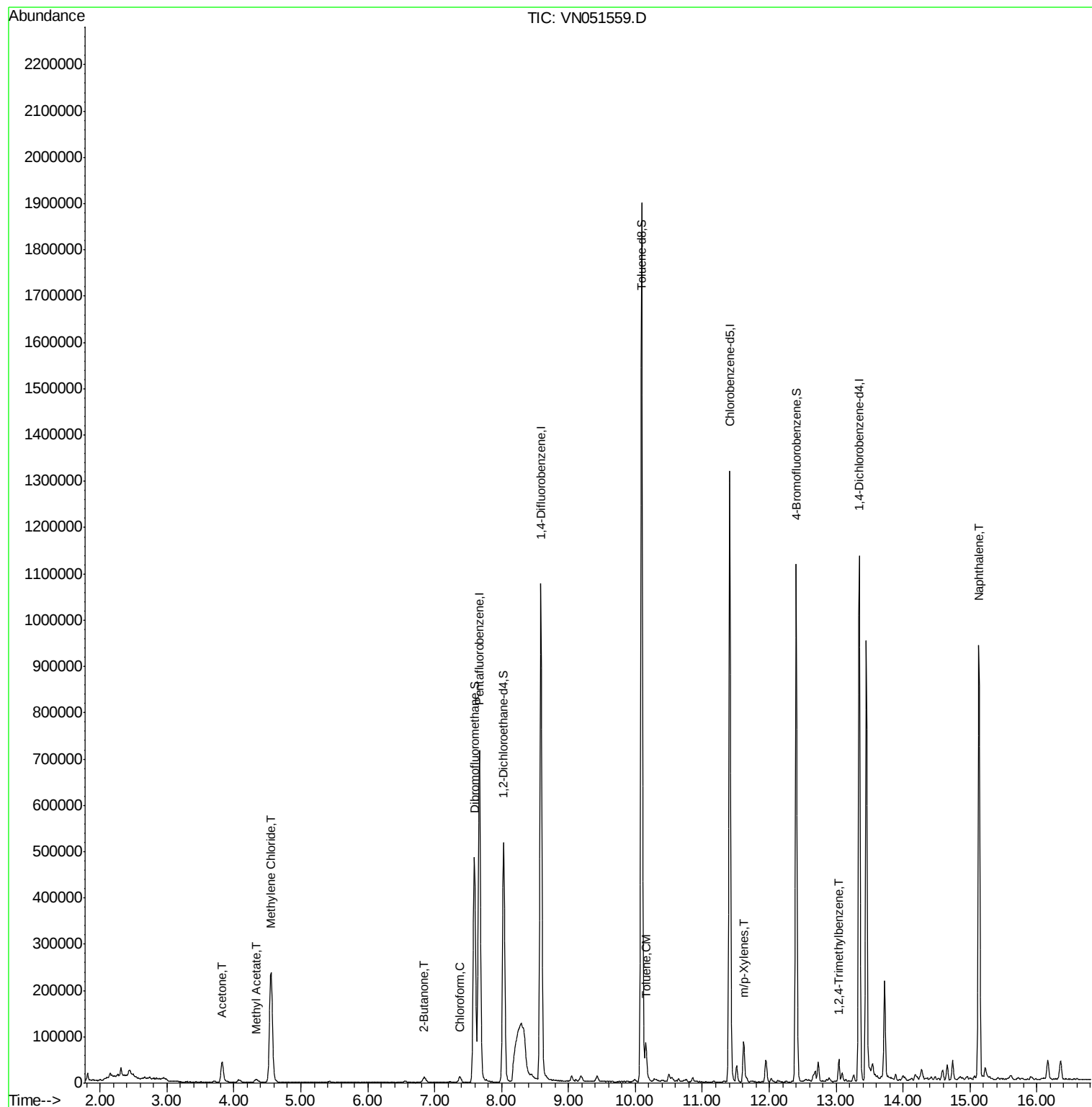
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	77294	23.544	ug/l	99
18) Methyl Acetate	4.33	43	14280	2.444	ug/l #	68
20) Methylene Chloride	4.55	84	180672	23.799	ug/l	99
25) 2-Butanone	6.85	43	17347	6.606	ug/l	99
30) Chloroform	7.38	83	13891	1.063	ug/l	96
52) Toluene	10.16	92	29758	1.433	ug/l	98
68) m/p-Xylenes	11.62	106	26637	2.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	25675	1.151	ug/l	98
95) Naphthalene	15.14	128	802199	64.300	ug/l	99

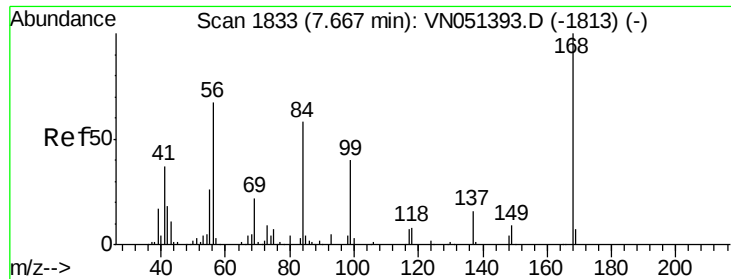
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051559.D

Acq: 27 Sep 2018 1:19

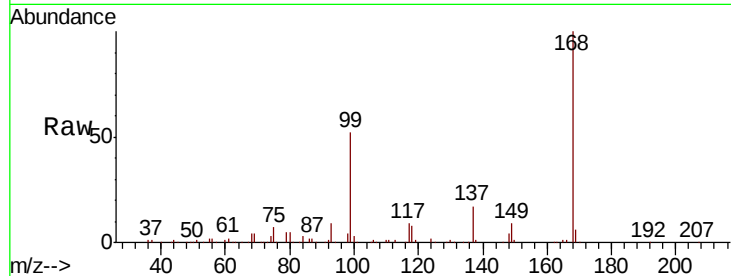
Instrument :
MSVOA_N
ClientSampleId :
COMP

Tot Ion:168 Resp: 612442

Ion Ratio Lower Upper

168 100

99 51.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

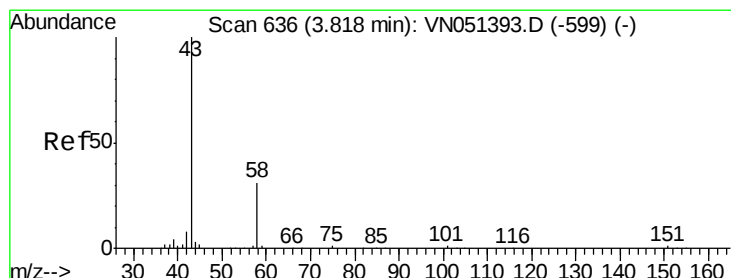
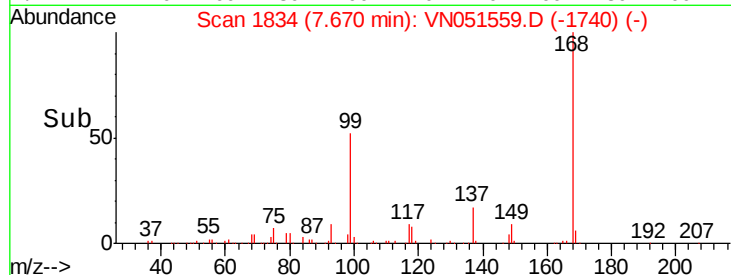
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.544 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051559.D

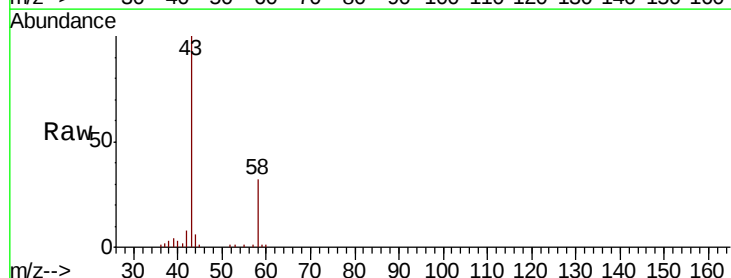
Acq: 27 Sep 2018 1:19

Tgt Ion: 43 Resp: 77294

Ion Ratio Lower Upper

43 100

58 31.6 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

30000

25000

20000

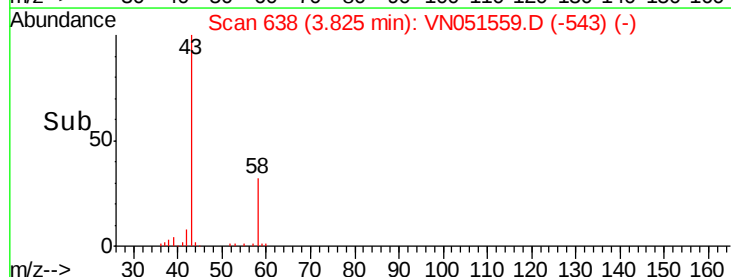
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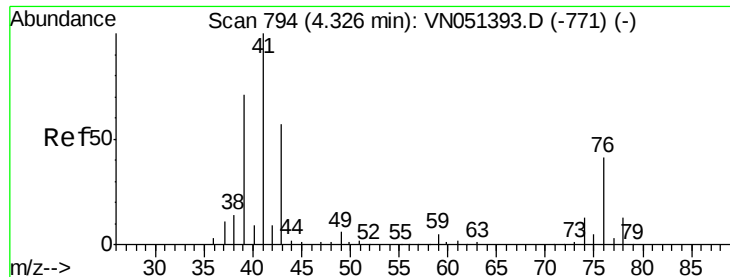
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Time-->

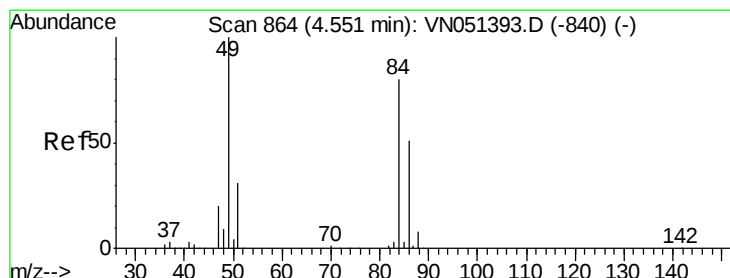
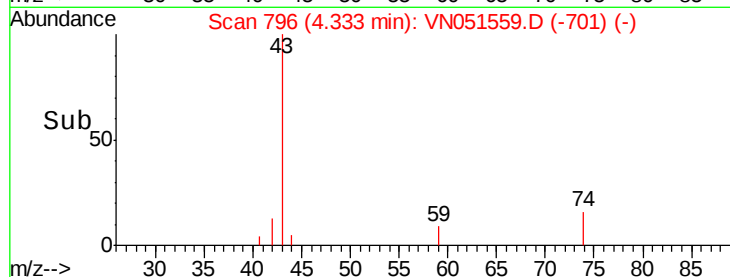
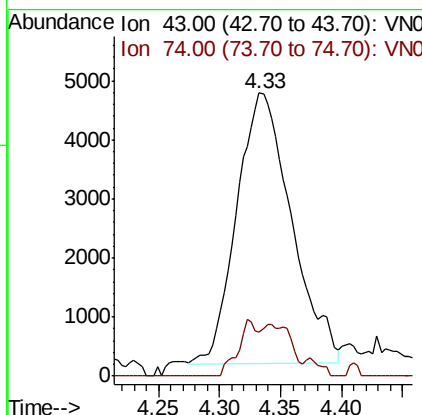
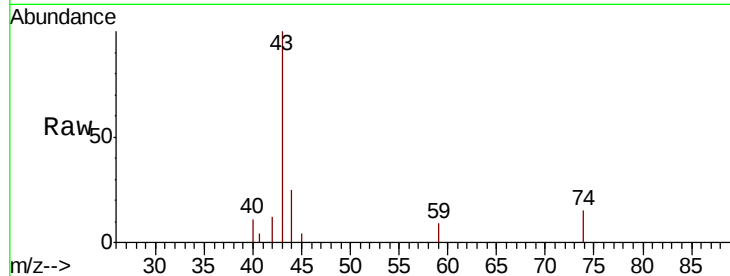




#18
Methyl Acetate
Concen: 2.444 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

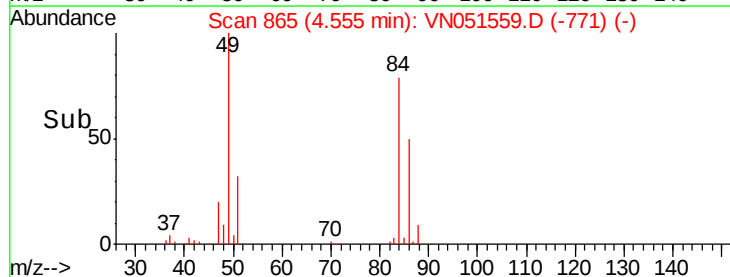
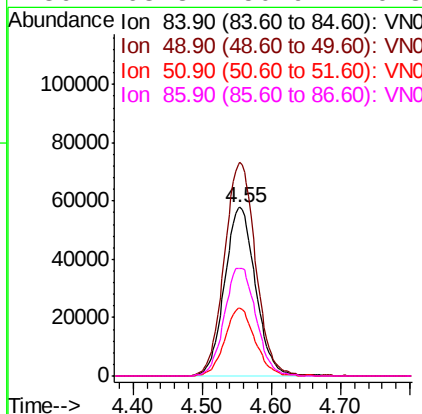
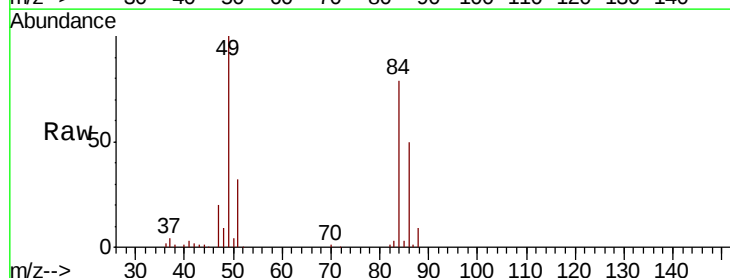
Instrument :
MSVOA_N
ClientSampled :
COMP

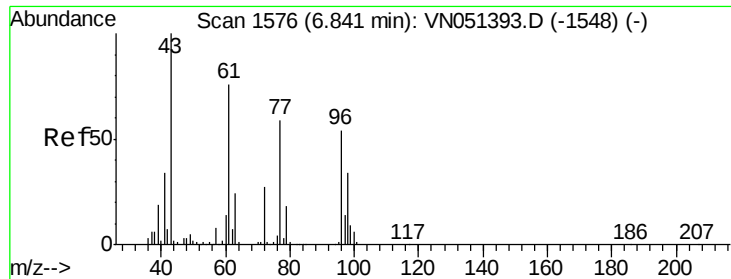
Tot Ion: 43 Resp: 14280
Ion Ratio Lower Upper
43 100
74 7.6 18.8 28.2#



#20
Methylene Chloride
Concen: 23.799 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 84 Resp: 180672
Ion Ratio Lower Upper
84 100
49 126.5 99.9 149.9
51 40.1 31.4 47.2
86 63.3 50.9 76.3

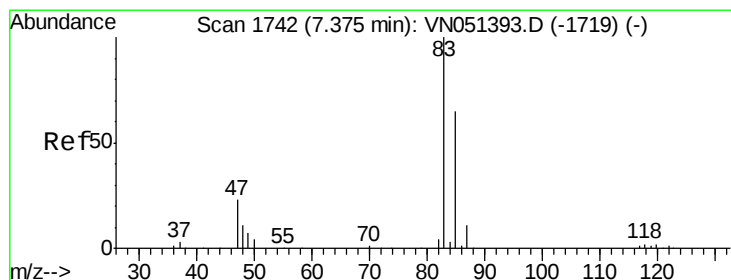
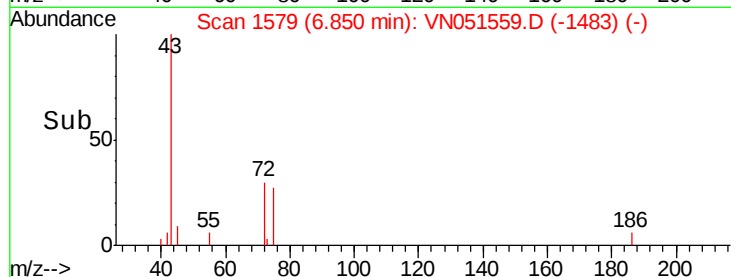
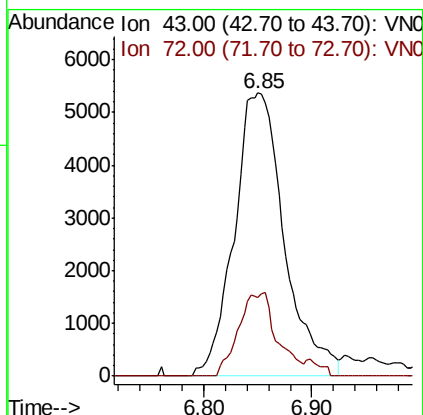
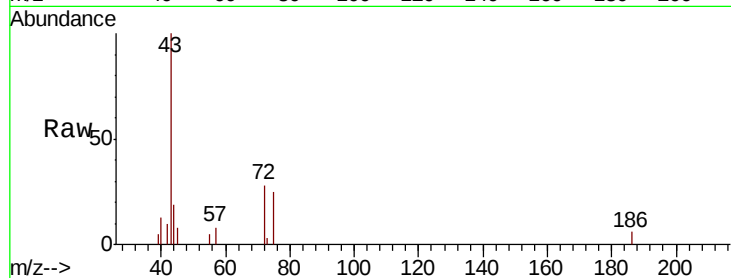




#25
2-Butanone
Concen: 6.606 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

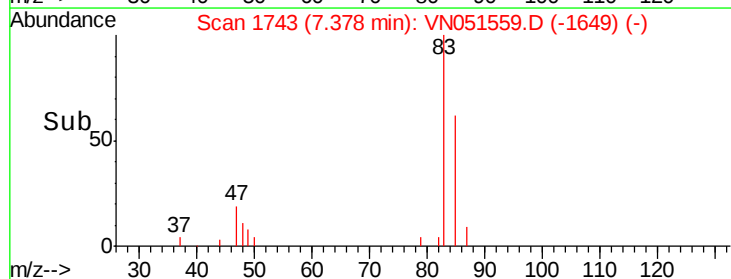
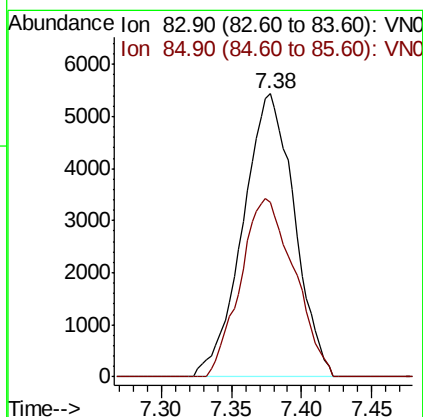
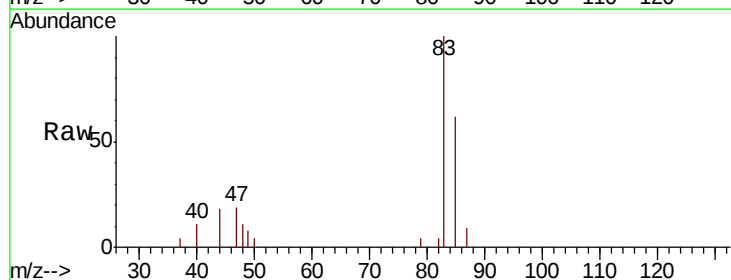
Instrument :
MSVOA_N
ClientSampled :
COMP

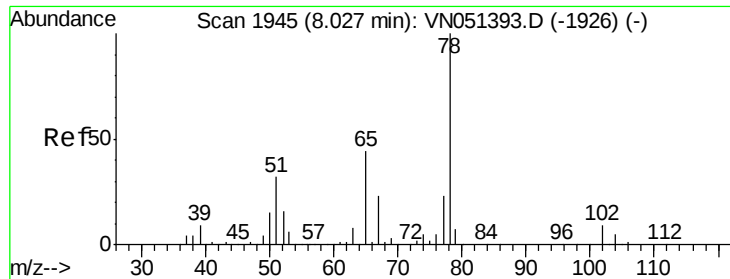
Tot Ion: 43 Resp: 17347
Ion Ratio Lower Upper
43 100
72 27.9 21.8 32.6



#30
Chloroform
Concen: 1.063 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 83 Resp: 13891
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.6

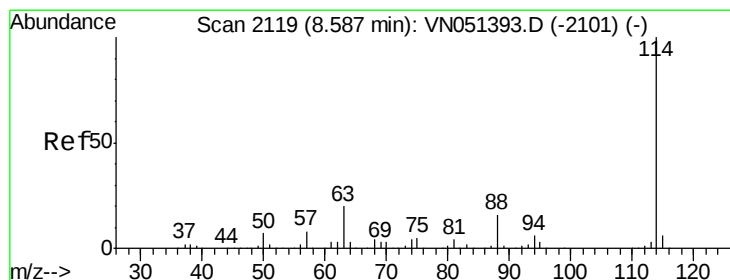
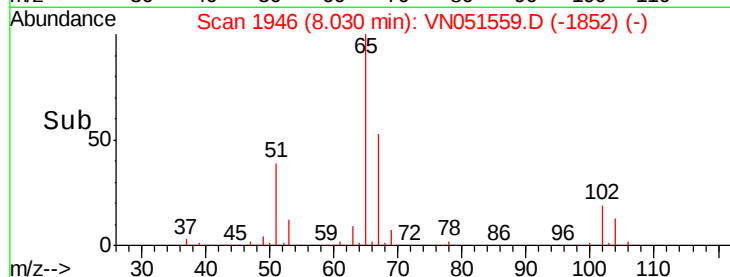
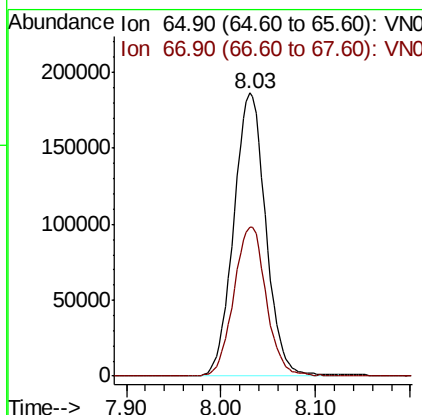
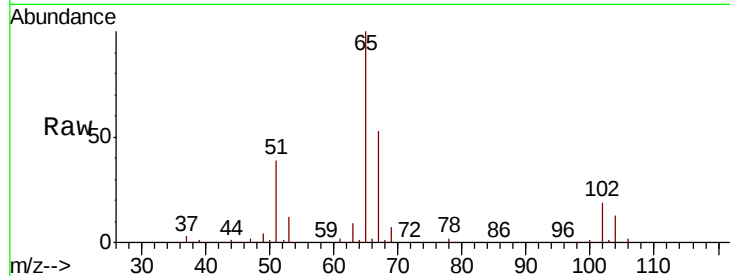




#33
 1,2-Dichloroethane-d4
 Concen: 57.276 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051559.D
 Acq: 27 Sep 2018 1:19

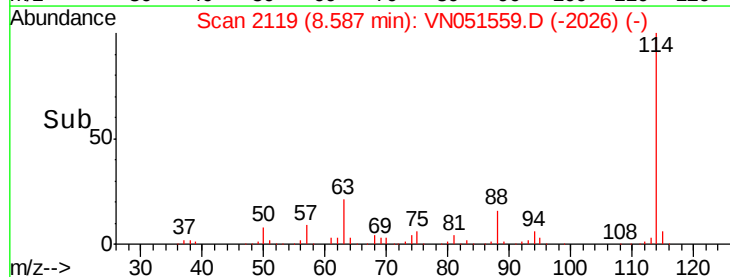
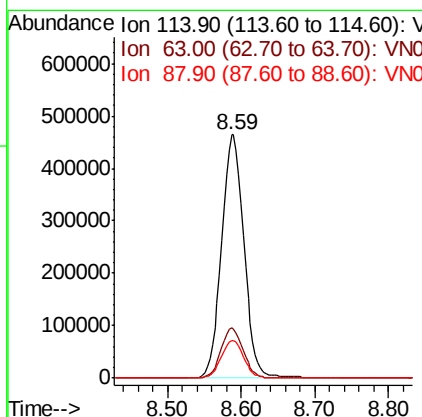
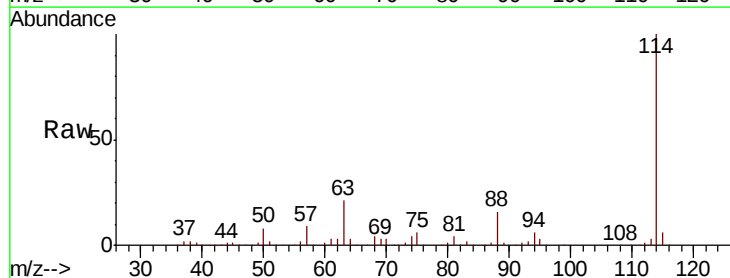
Instrument :
 MSVOA_N
 ClientSampleId :
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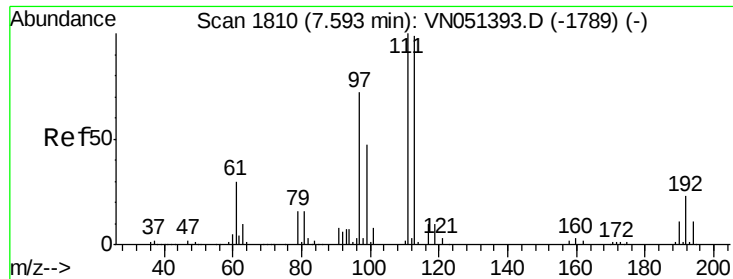
Tot Ion: 65 Resp: 439415
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051559.D
 Acq: 27 Sep 2018 1:19

Tgt Ion: 114 Resp: 982939
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.2
 88 15.6 0.0 31.4

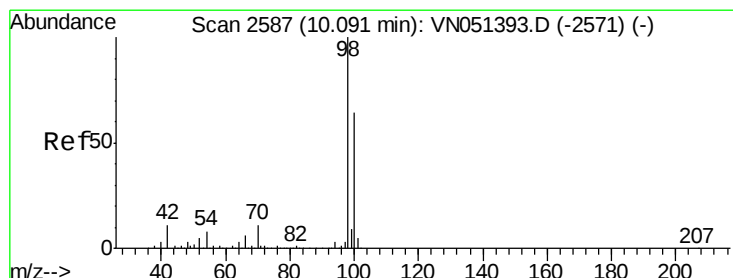
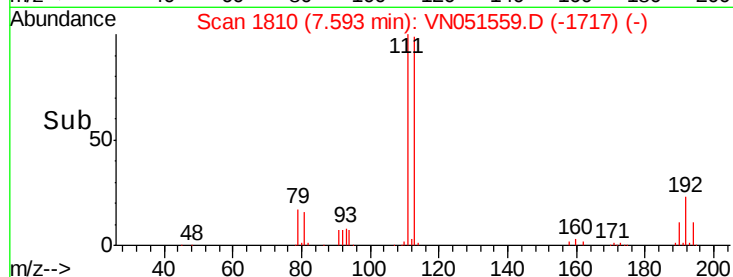
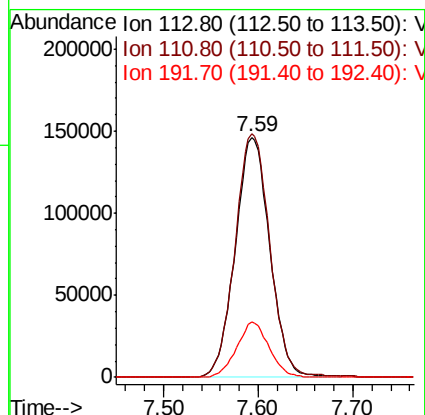
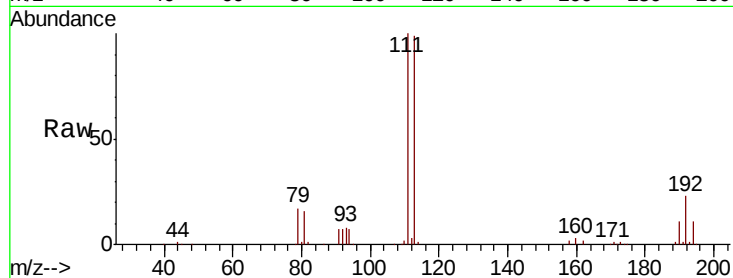




#35
Dibromofluoromethane
Concen: 47.284 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

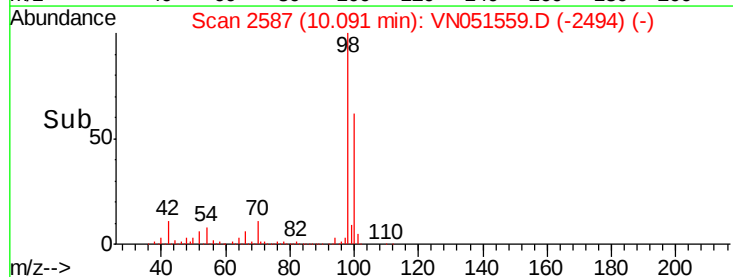
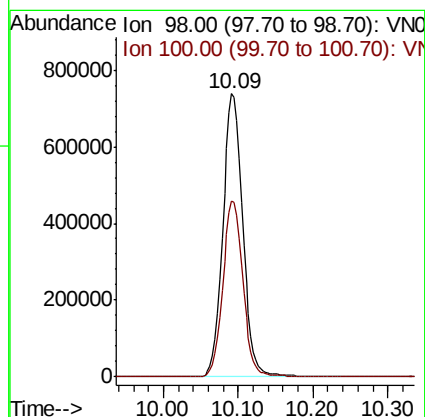
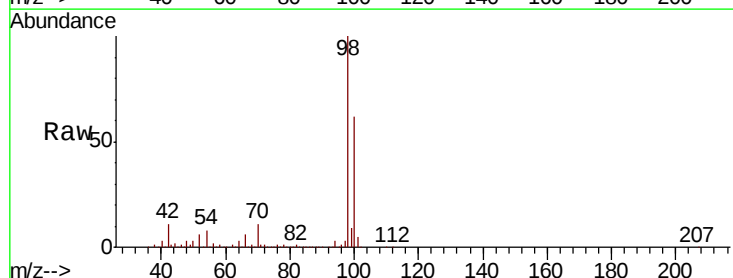
Instrument :
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ClientSampleId :
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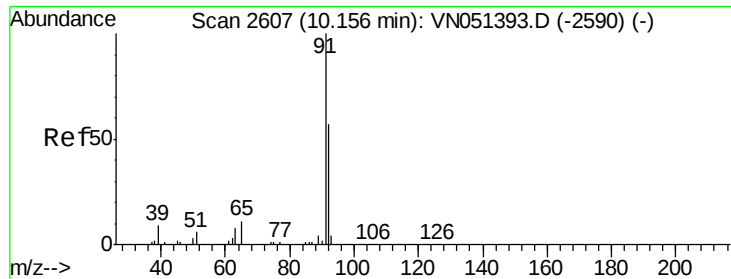
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	21.8	18.0	27.0



#50
Toluene-d8
Concen: 45.949 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.6	75.8





#52

Toluene

Concen: 1.433 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051559.D

Acq: 27 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampleId :

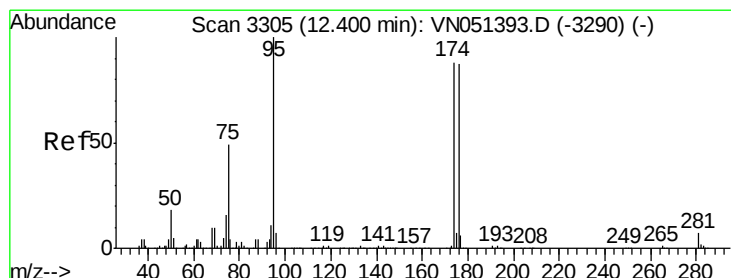
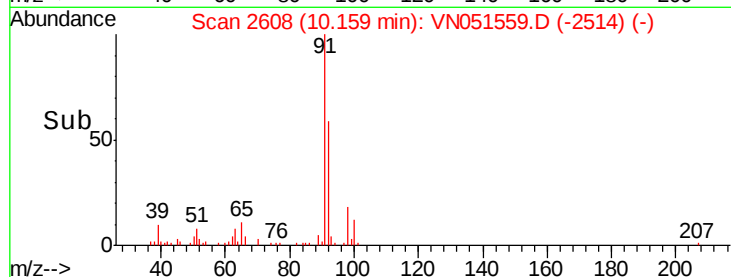
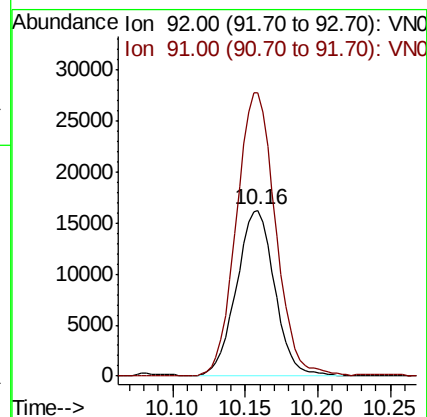
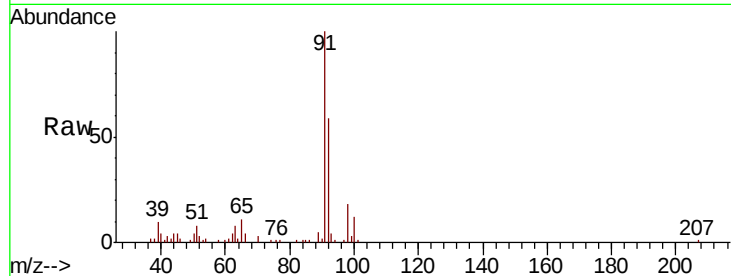
COMP

Tot Ion: 92 Resp: 29758

Ion Ratio Lower Upper

92 100

91 175.1 142.2 213.4



#62

4-Bromofluorobenzene

Concen: 39.318 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051559.D

Acq: 27 Sep 2018 1:19

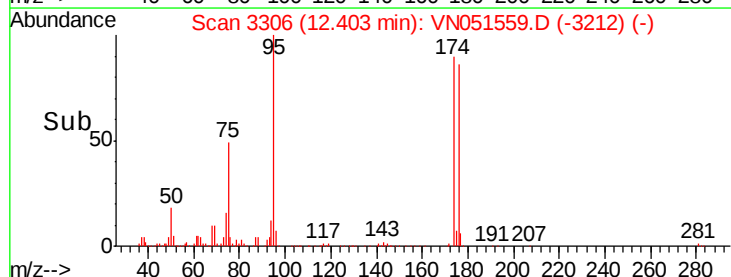
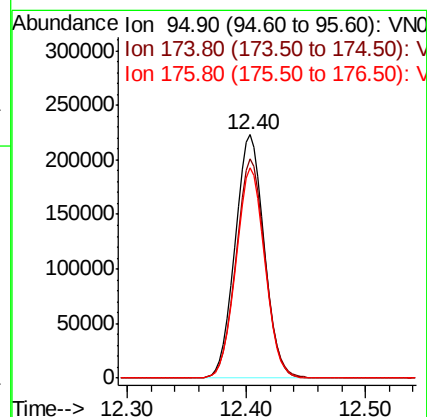
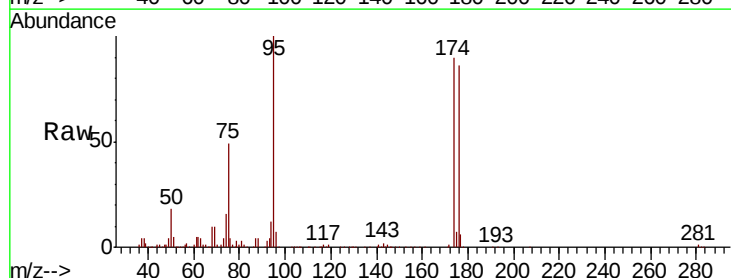
Tgt Ion: 95 Resp: 376470

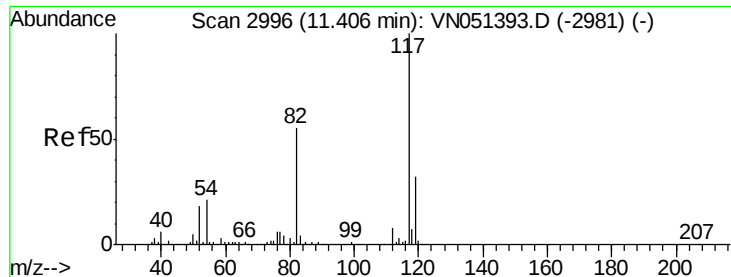
Ion Ratio Lower Upper

95 100

174 90.2 0.0 181.6

176 86.2 0.0 176.4

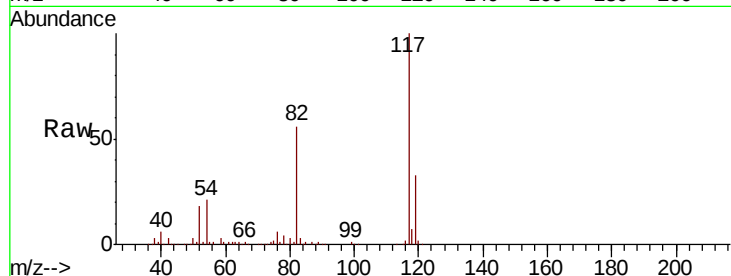




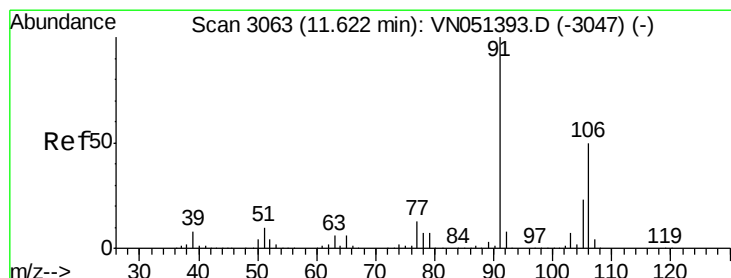
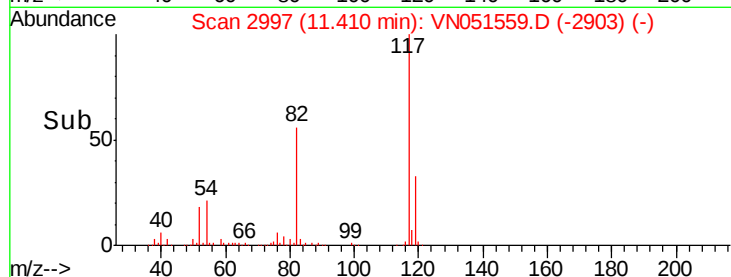
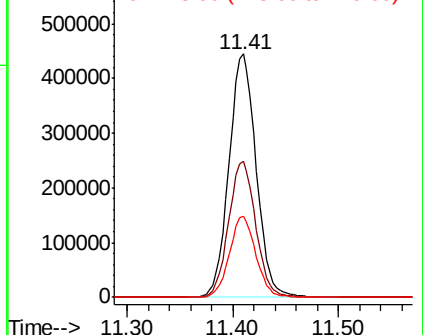
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tot Ion:117 Resp: 791498
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 33.2 25.9 38.9

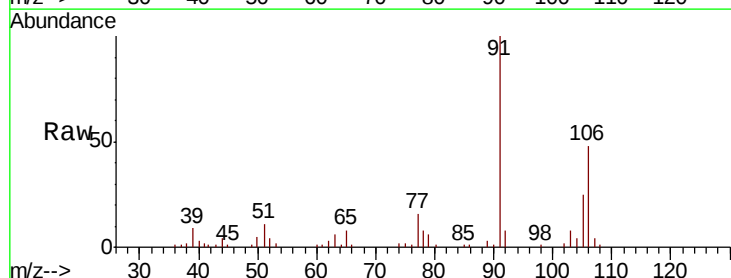


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

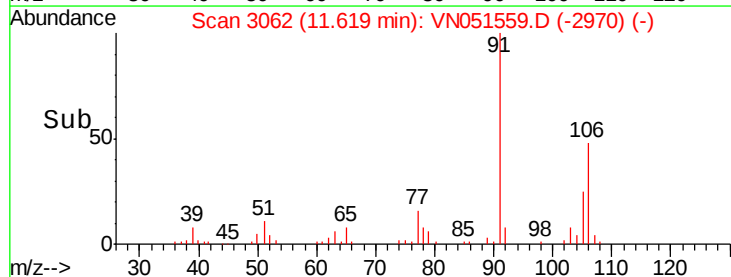
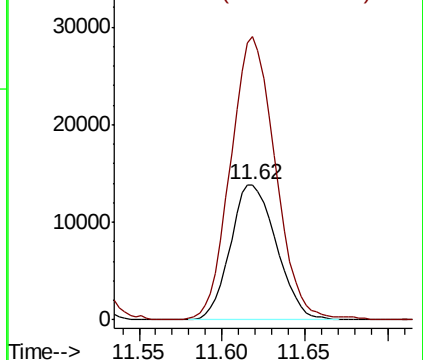


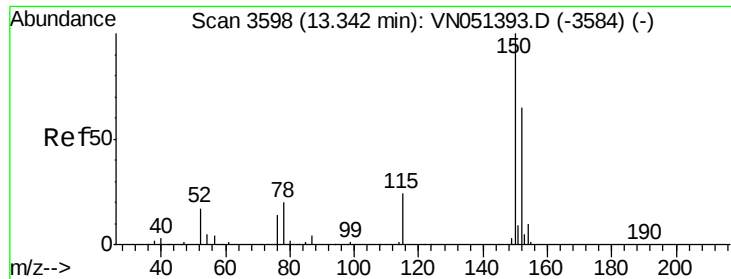
#68
m/p-Xylenes
Concen: 2.012 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion:106 Resp: 26637
Ion Ratio Lower Upper
106 100
91 203.6 161.3 241.9



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051559.D

Acq: 27 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampled :

COMP

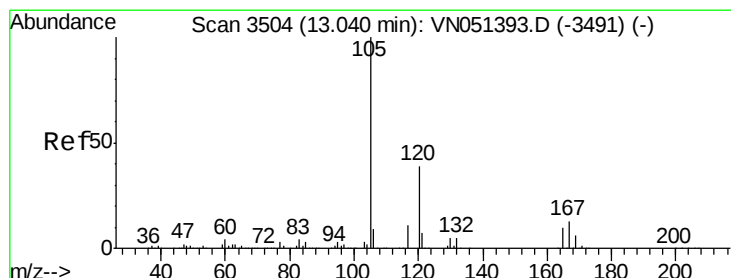
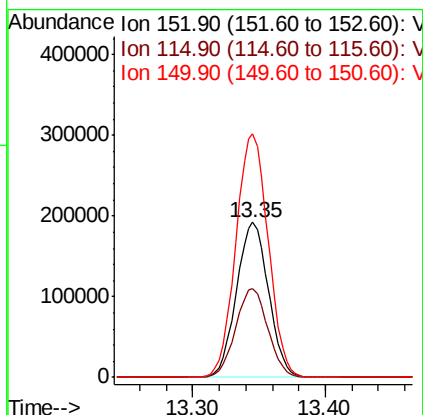
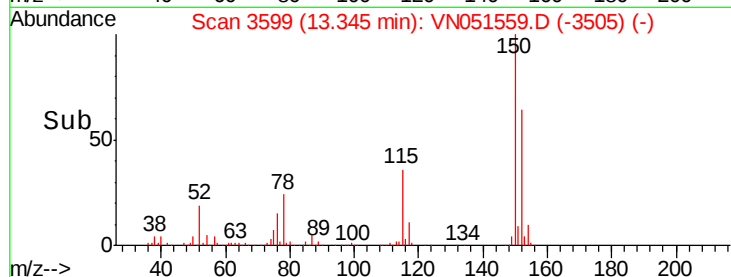
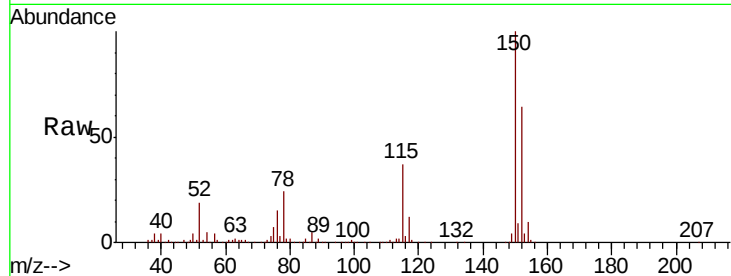
Tot Ion:152 Resp: 321827

Ion Ratio Lower Upper

152 100

115 57.7 28.3 84.9

150 158.6 0.0 353.6



#84

1,2,4-Trimethylbenzene

Concen: 1.151 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051559.D

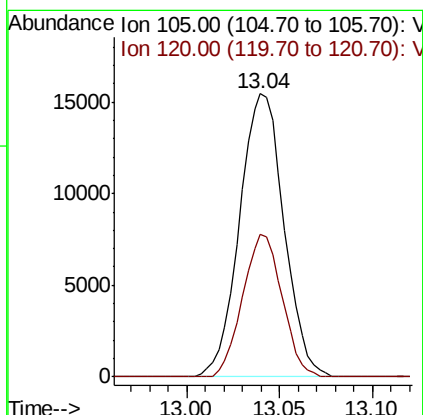
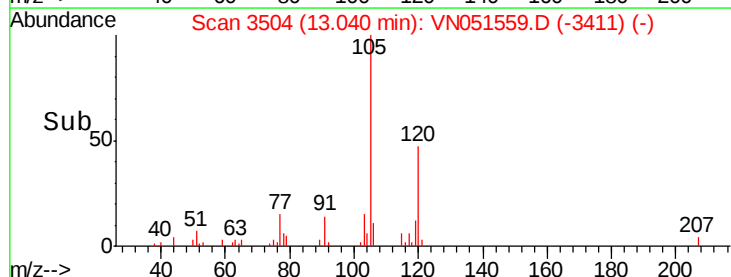
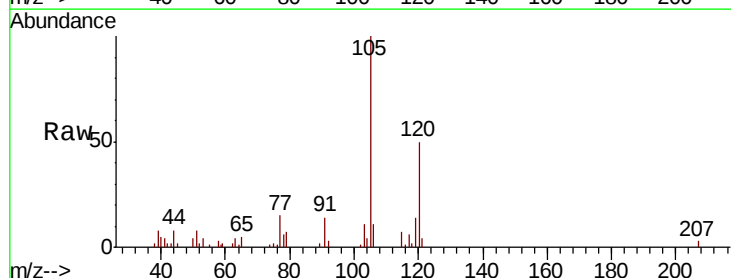
Acq: 27 Sep 2018 1:19

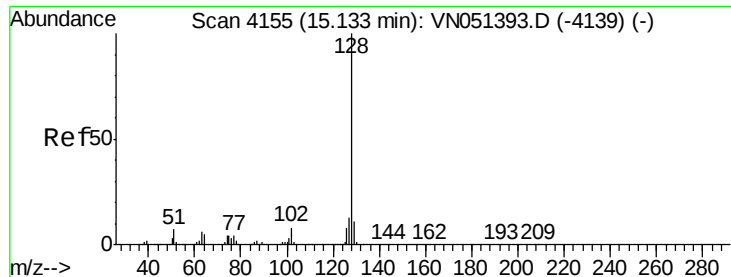
Tgt Ion:105 Resp: 25675

Ion Ratio Lower Upper

105 100

120 44.7 22.9 68.7





#95

Naphthalene

Concen: 64.300 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051559.D

Acq: 27 Sep 2018 1:19

Instrument :

MSVOA_N

ClientSampleId :

COMP

Tot Ion:128 Resp: 802199

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.0 8.6 12.8

