

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051301.D
 Acq On : 18 Sep 2018 16:39
 Operator : MD\SY
 Sample : J4945-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB47195RT

Quant Time: Sep 19 01:41:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	400394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	633516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168055	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	223171	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	7.59	113	233792	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	820740	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
62) 4-Bromofluorobenzene	12.40	95	237993	41.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.24%	

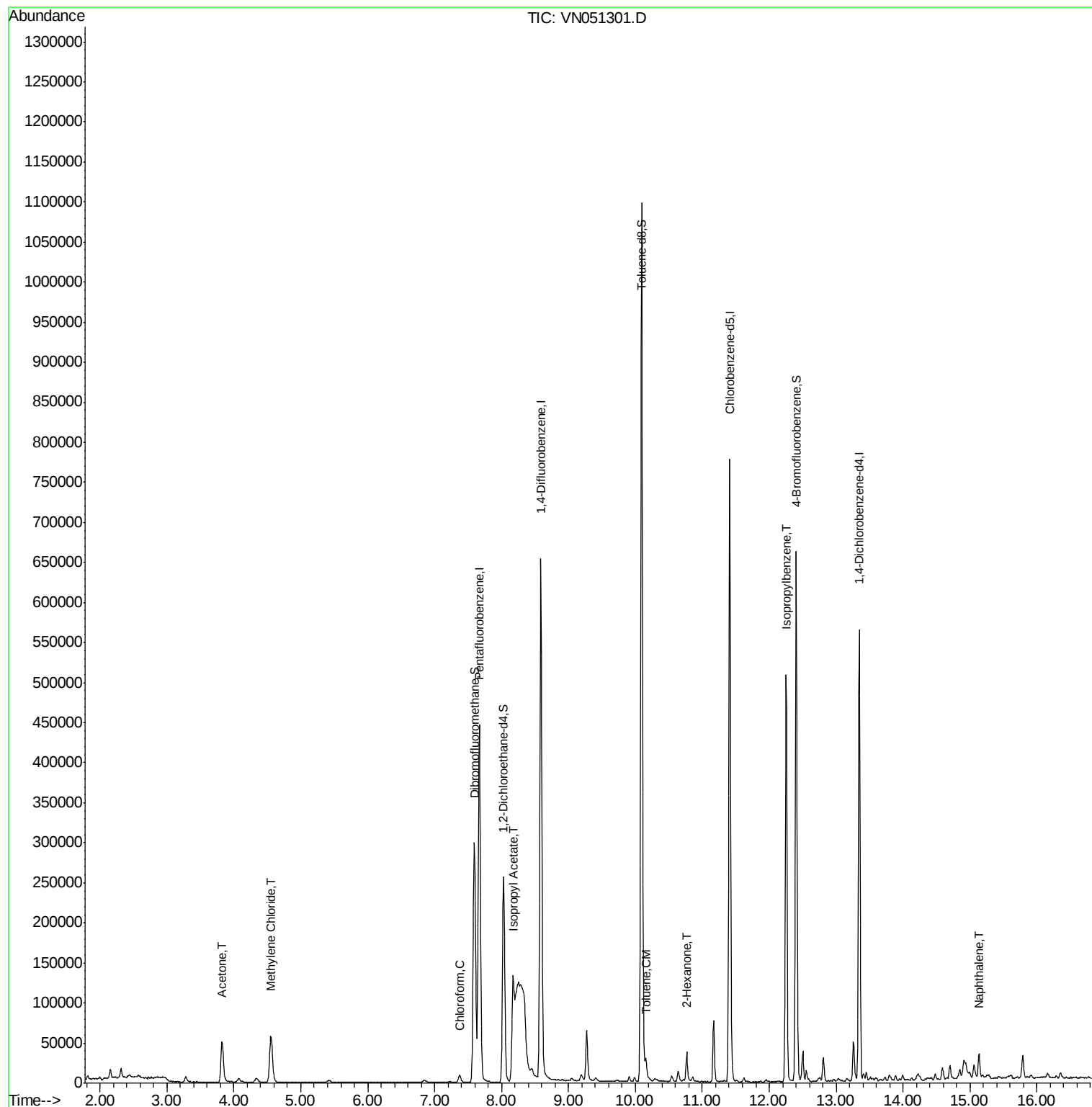
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	89255	87.351	ug/l	100
20) Methylene Chloride	4.55	84	45798	9.616	ug/l	99
30) Chloroform	7.37	83	10187	1.287	ug/l	97
43) Isopropyl Acetate	8.17	43	158360	25.960	ug/l #	92
52) Toluene	10.16	92	8627	0.706	ug/l	96
59) 2-Hexanone	10.77	43	5138	2.479	ug/l	63
73) Isopropylbenzene	12.25	105	26305	1.856	ug/l #	72
95) Naphthalene	15.14	128	27313	10.502	ug/l	98

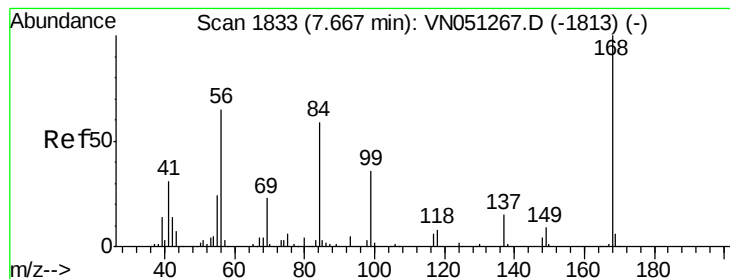
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

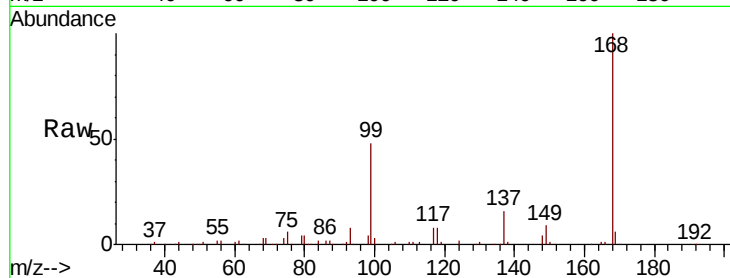
RB47195RT

Tgt Ion:168 Resp: 400394

Ion Ratio Lower Upper

168 100

99 48.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

150000

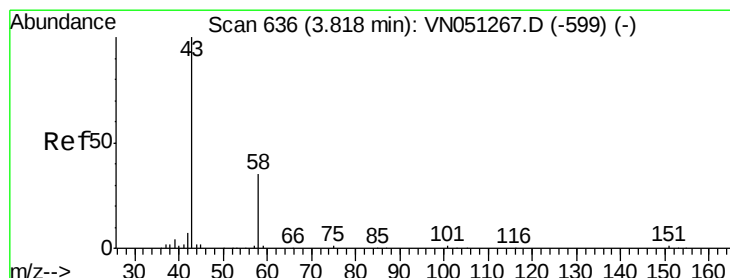
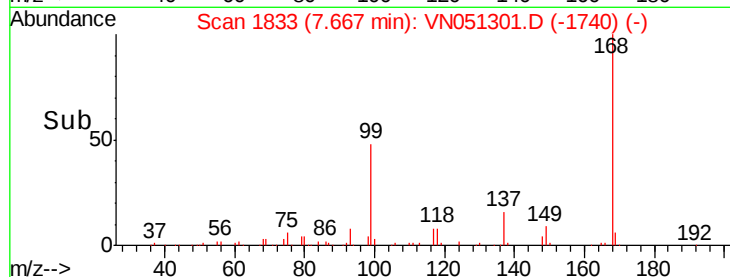
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50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 87.351 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051301.D

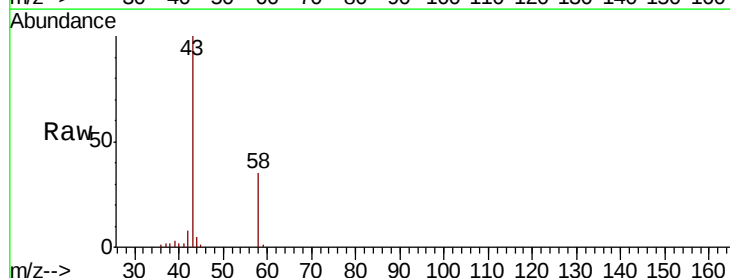
Acq: 18 Sep 2018 16:39

Tgt Ion: 43 Resp: 89255

Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-599) (-)

3.82

30000

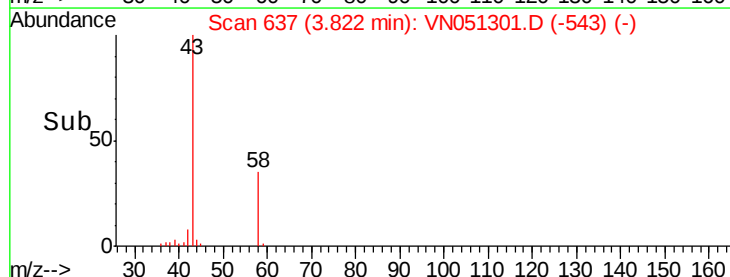
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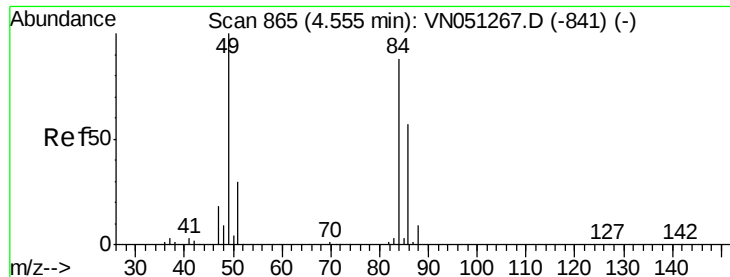
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0

3.70 3.80 3.90

Time-->

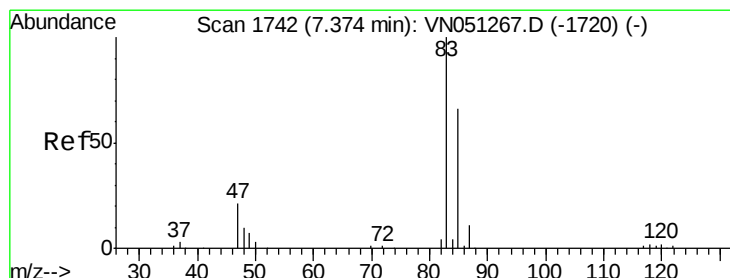
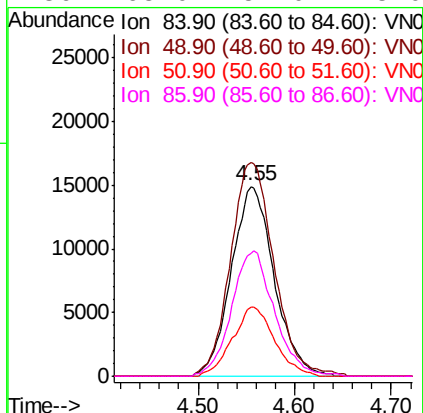
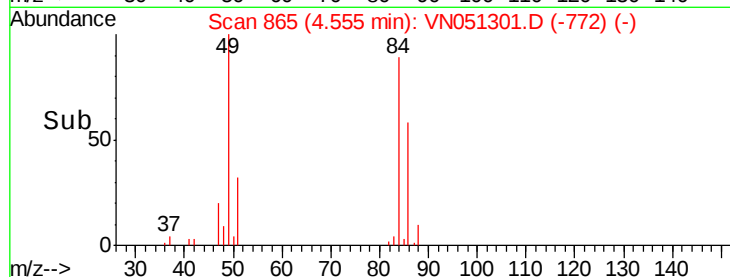
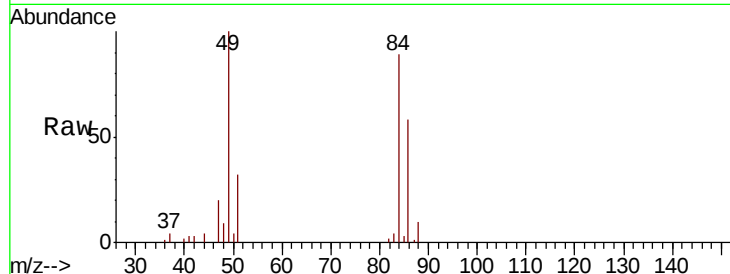




#20
Methylene Chloride
Concen: 9.616 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

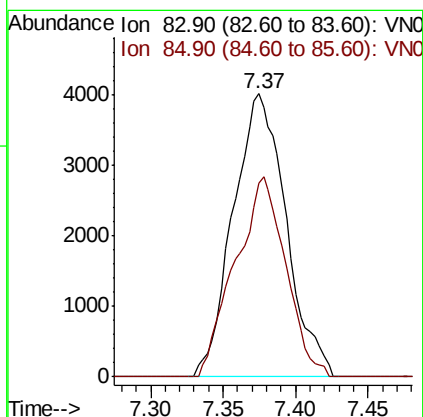
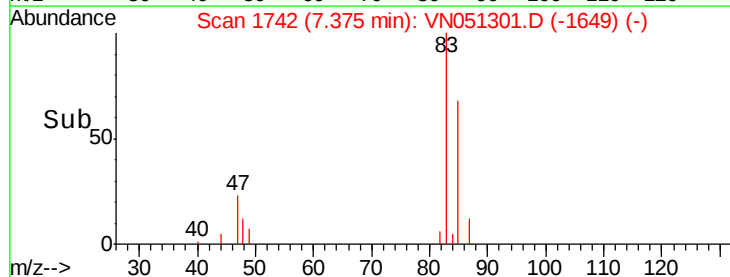
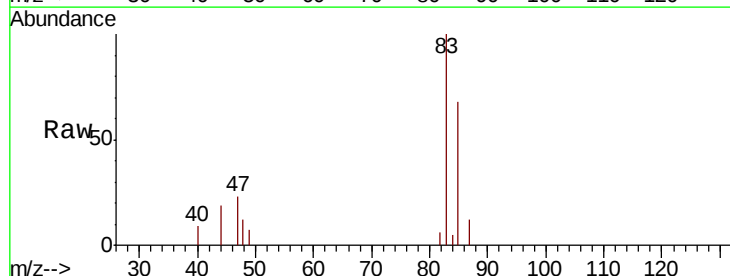
Instrument :
MSVOA_N
ClientSampled :
RB47195RT

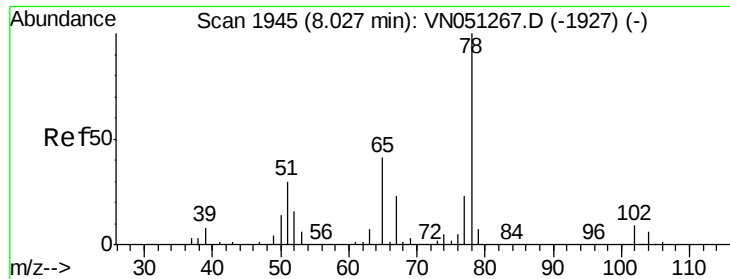
Tgt Ion:	84	Resp:	45798
Ion	Ratio	Lower	Upper
84	100		
49	112.5	91.2	136.8
51	36.5	27.7	41.5
86	65.0	52.0	78.0



#30
Chloroform
Concen: 1.287 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion:	83	Resp:	10187
Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.4	78.6

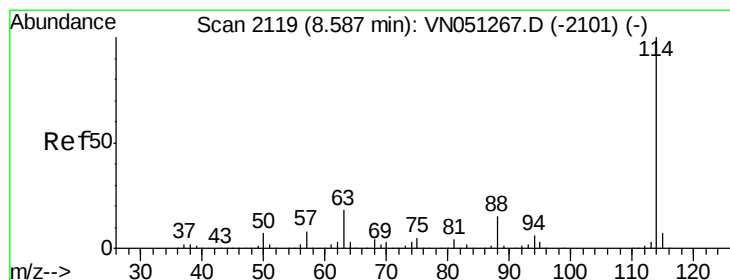
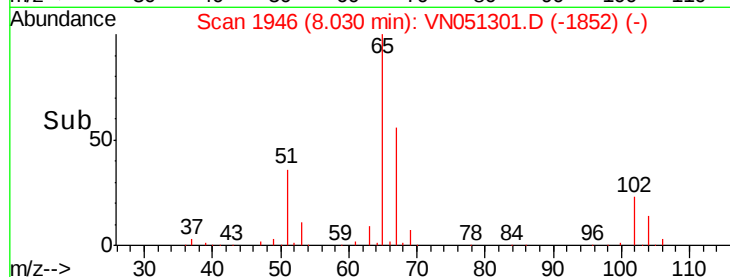
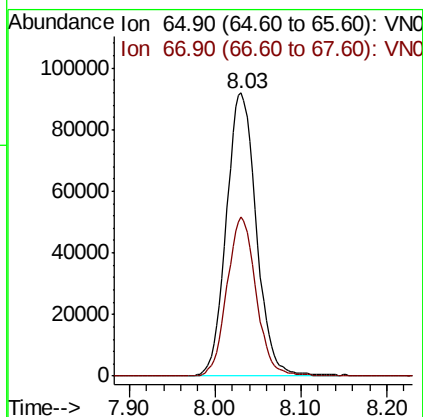
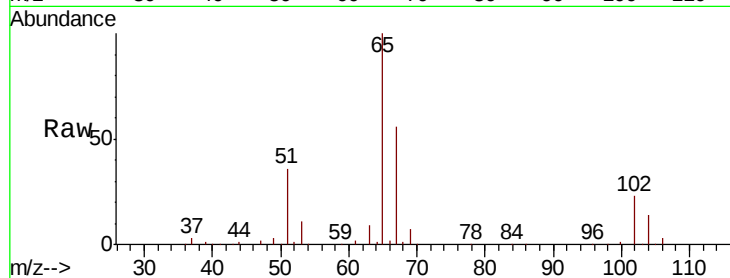




#33
 1,2-Dichloroethane-d4
 Concen: 51.286 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

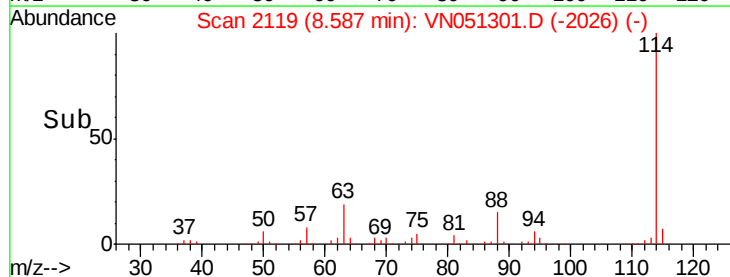
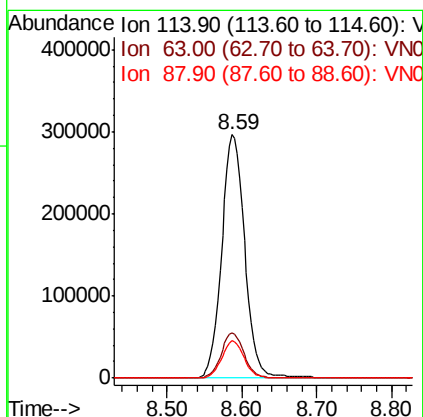
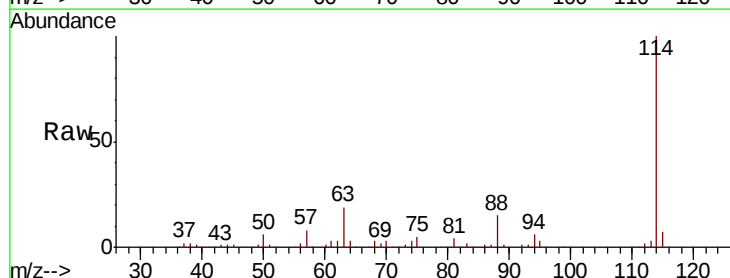
Instrument :
 MSVOA_N
 ClientSampleId :
 RB47195RT

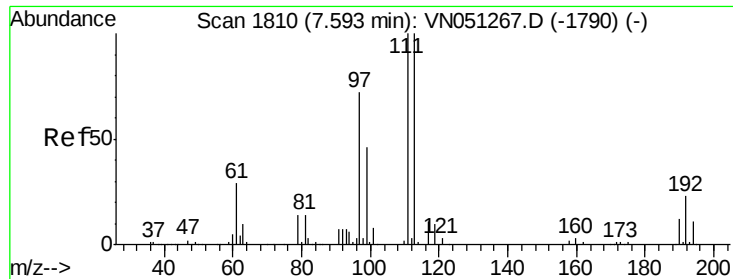
Tgt Ion: 65 Resp: 223171
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

Tgt Ion: 114 Resp: 633516
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.8
 88 15.2 0.0 30.8

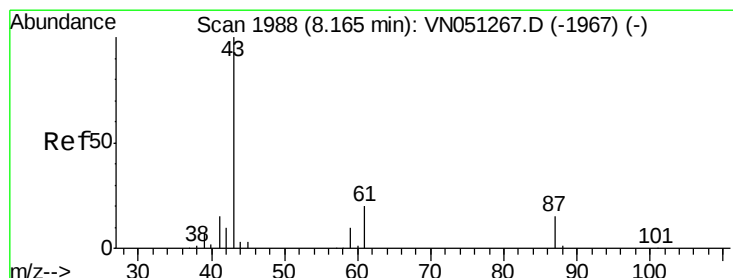
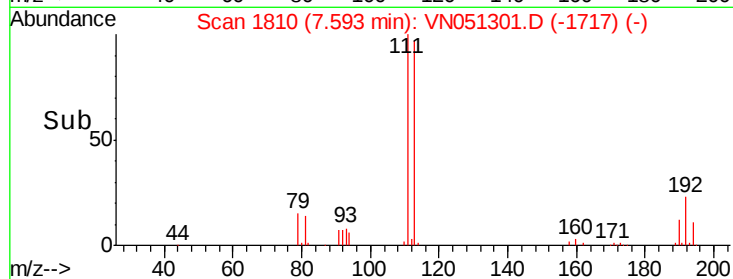
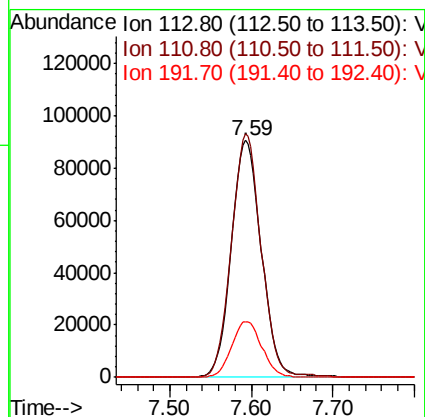
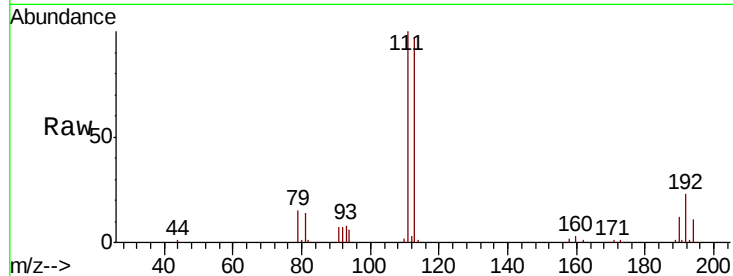




#35
 Dibromofluoromethane
 Concen: 47.490 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

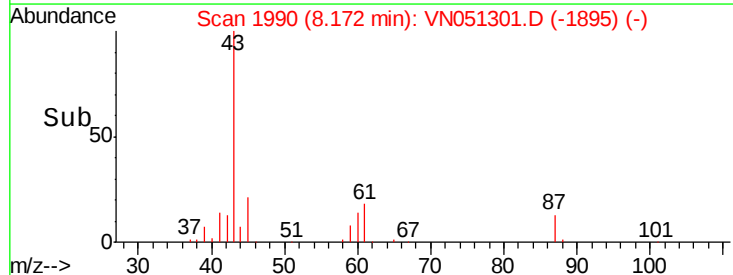
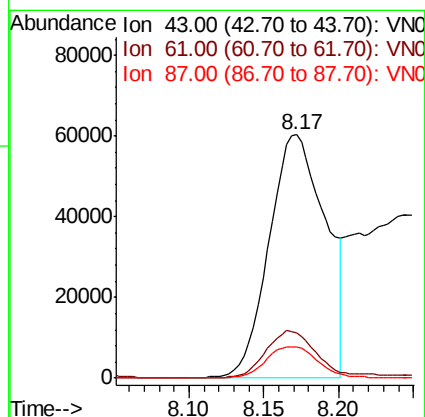
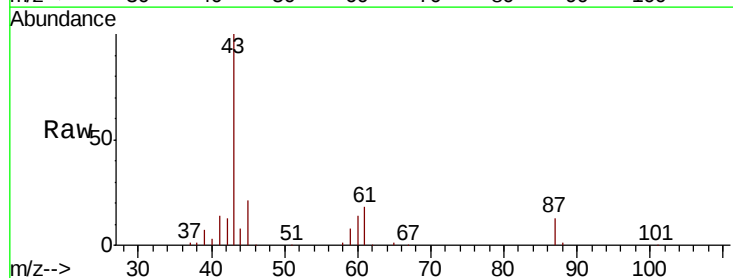
Instrument :
 MSVOA_N
 ClientSampleId :
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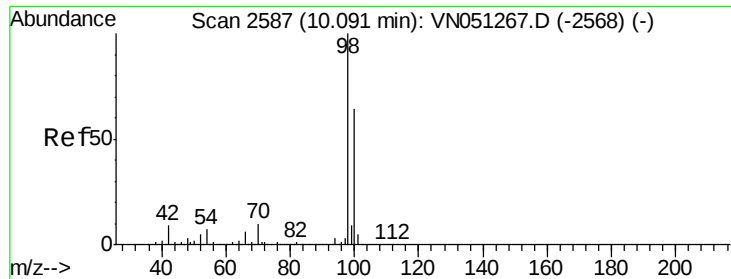
Tgt Ion: 113 Resp: 233792
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.4
 192 23.7 19.0 28.6



#43
 Isopropyl Acetate
 Concen: 25.960 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN051301.D
 Acq: 18 Sep 2018 16:39

Tgt Ion: 43 Resp: 158360
 Ion Ratio Lower Upper
 43 100
 61 18.4 17.4 26.2
 87 11.8 12.2 18.4#





#50

Toluene-d8

Concen: 45.103 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

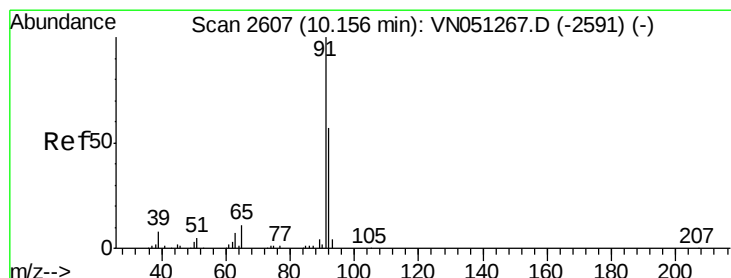
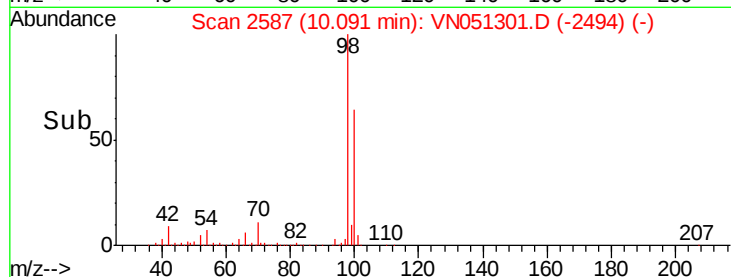
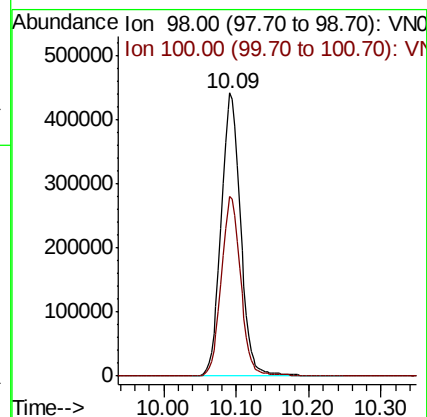
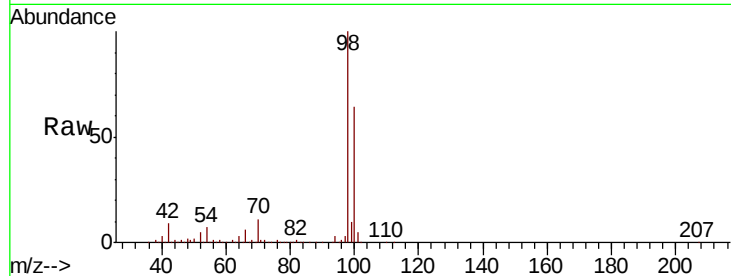
RB47195RT

Tgt Ion: 98 Resp: 820740

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#52

Toluene

Concen: 0.706 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051301.D

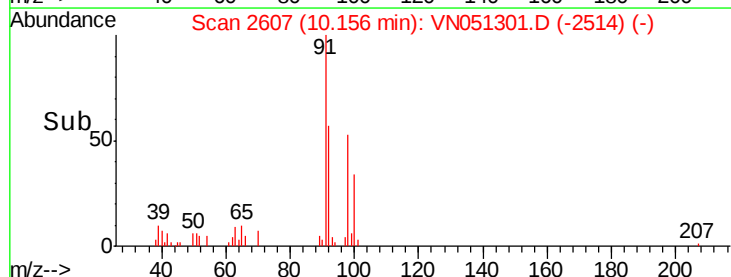
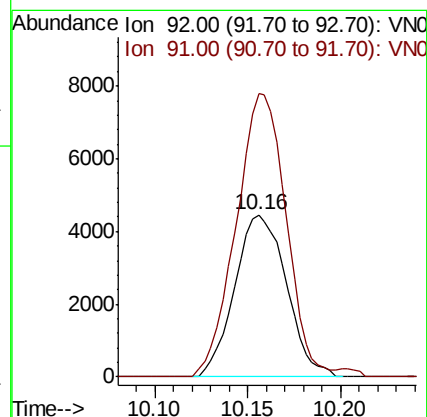
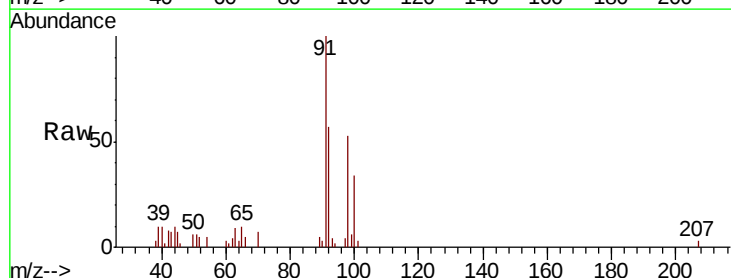
Acq: 18 Sep 2018 16:39

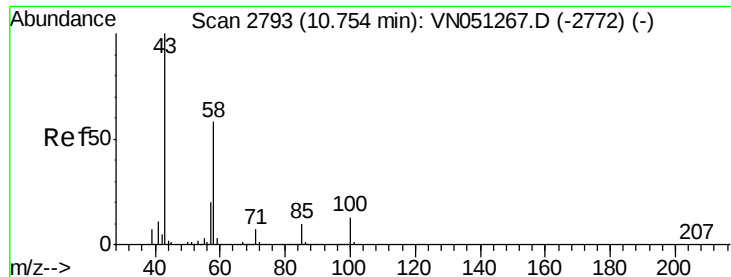
Tgt Ion: 92 Resp: 8627

Ion Ratio Lower Upper

92 100

91 168.8 139.2 208.8

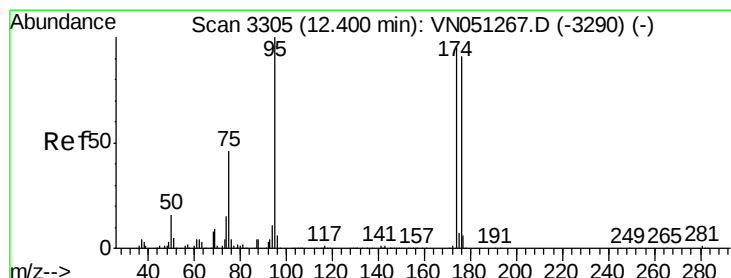
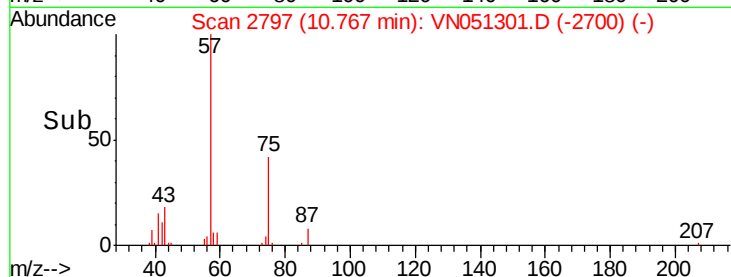
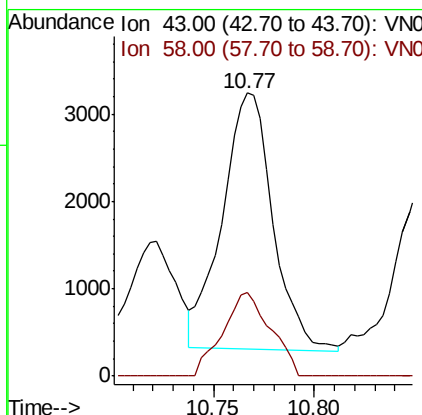
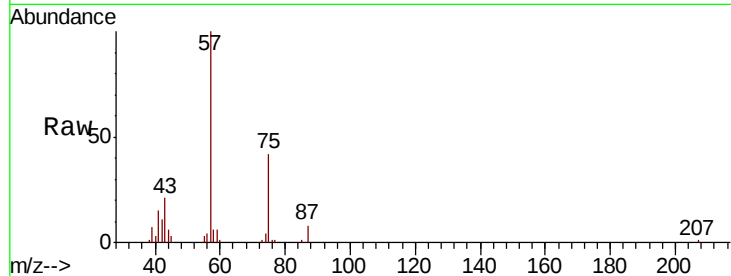




#59
2-Hexanone
Concen: 2.479 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

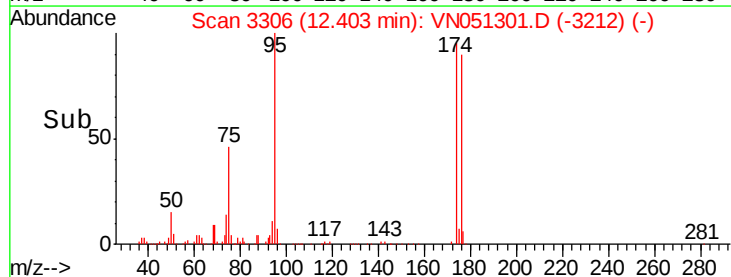
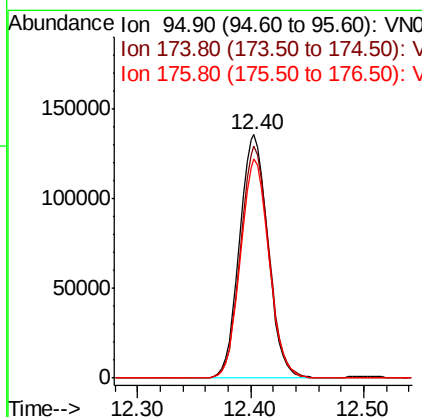
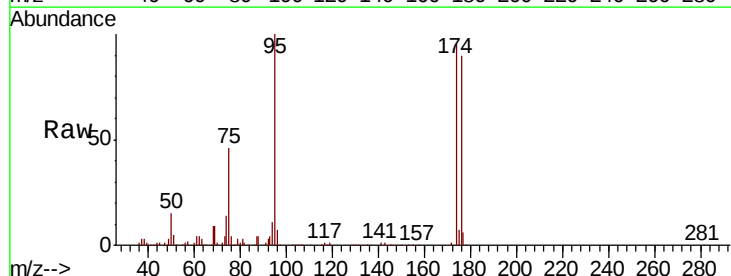
Instrument :
MSVOA_N
ClientSampleId :
RB47195RT

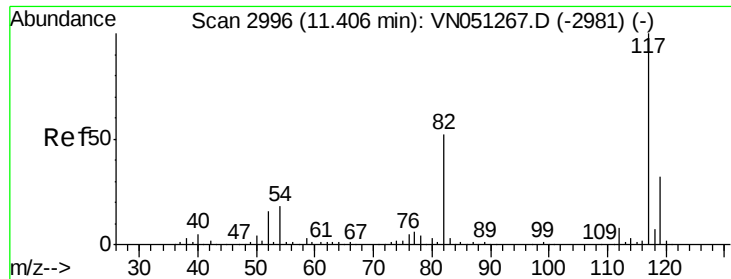
Tgt Ion: 43 Resp: 5138
Ion Ratio Lower Upper
43 100
58 30.7 28.9 86.8



#62
4-Bromofluorobenzene
Concen: 41.119 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion: 95 Resp: 237993
Ion Ratio Lower Upper
95 100
174 95.2 0.0 189.6
176 90.0 0.0 182.6

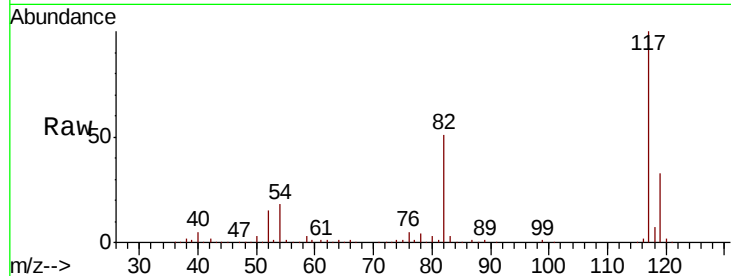




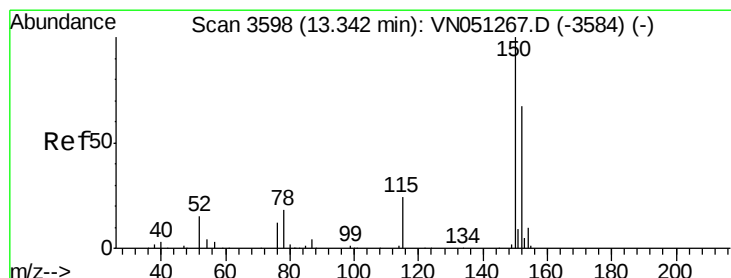
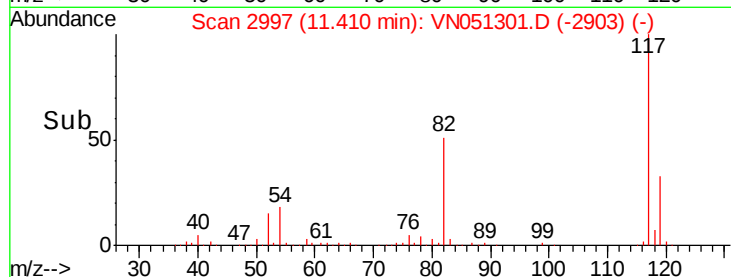
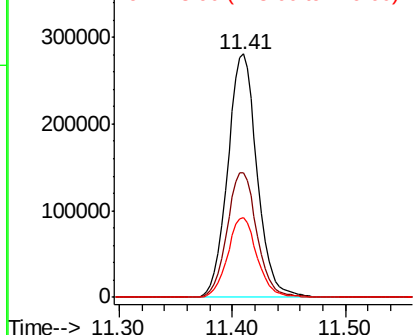
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Instrument :
MSVOA_N
ClientSampleId :
RB47195RT

Tgt Ion:117 Resp: 506393
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.8 25.6 38.4

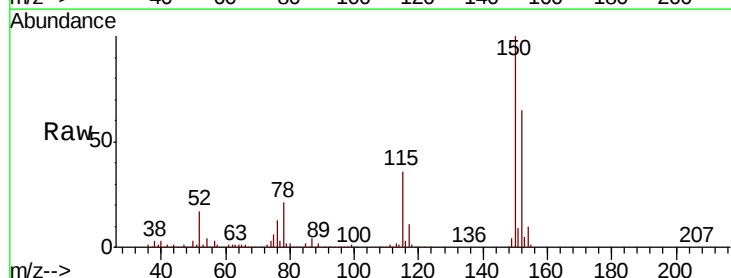


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

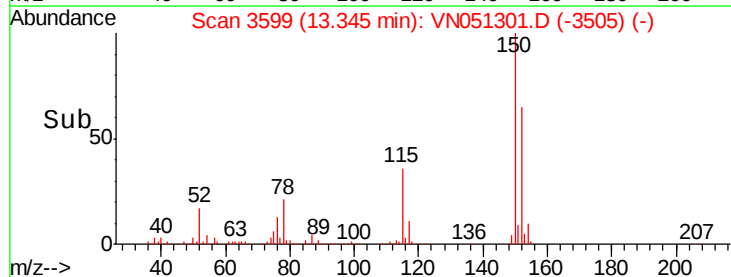
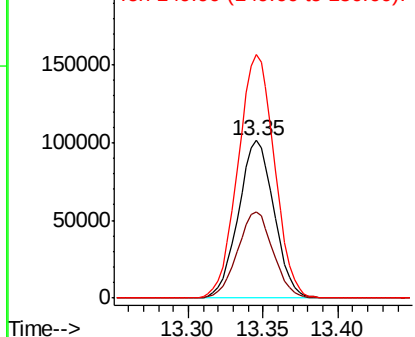


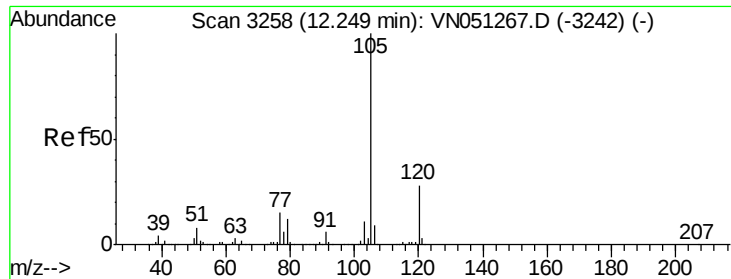
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051301.D
Acq: 18 Sep 2018 16:39

Tgt Ion:152 Resp: 168055
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.2
150 158.3 0.0 349.0



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





#73

Isopropylbenzene

Concen: 1.856 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Instrument :

MSVOA_N

ClientSampleId :

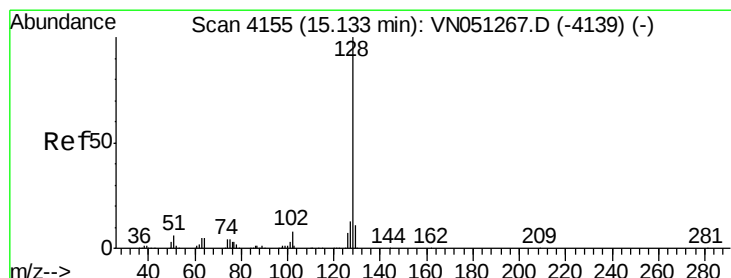
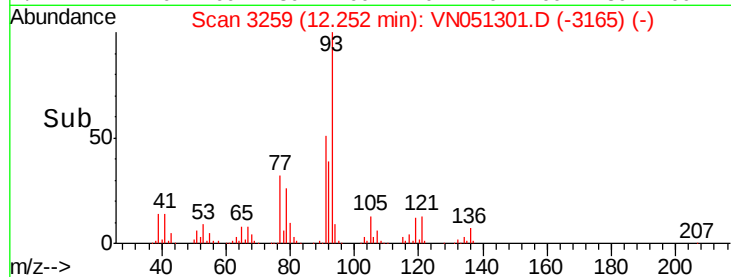
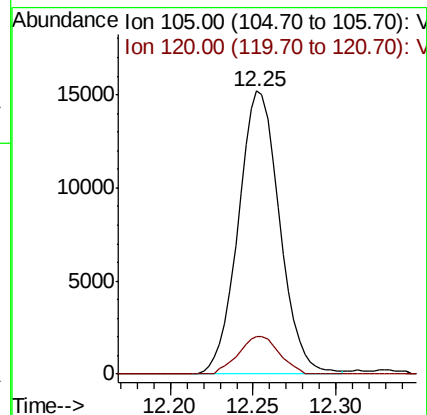
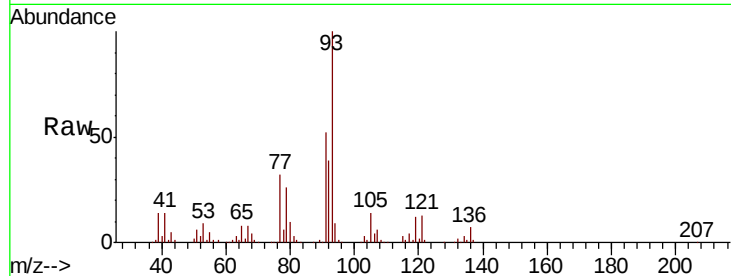
RB47195RT

Tgt Ion:105 Resp: 26305

Ion Ratio Lower Upper

105 100

120 13.1 13.8 41.4#



#95

Naphthalene

Concen: 10.502 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051301.D

Acq: 18 Sep 2018 16:39

Tgt Ion:128 Resp: 27313

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 12.6 8.9 13.3

