

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050563.D
 Acq On : 13 Aug 2018 13:05
 Operator : MD\SY
 Sample : J4388-01
 Misc : 4.15µl/5ml/100µl/5.00ml/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-1A

Quant Time: Aug 14 01:36:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	596598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	840887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	373091	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	390131	48.94	ug/l	0.00
Spiked Amount						
			Recovery	=	97.88%	
35) Dibromofluoromethane	7.59	113	358394	48.44	ug/l	0.00
Spiked Amount						
			Recovery	=	96.88%	
50) Toluene-d8	10.09	98	1321809	47.52	ug/l	0.00
Spiked Amount						
			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.40	95	401005	42.30	ug/l	0.00
Spiked Amount						
			Recovery	=	84.60%	

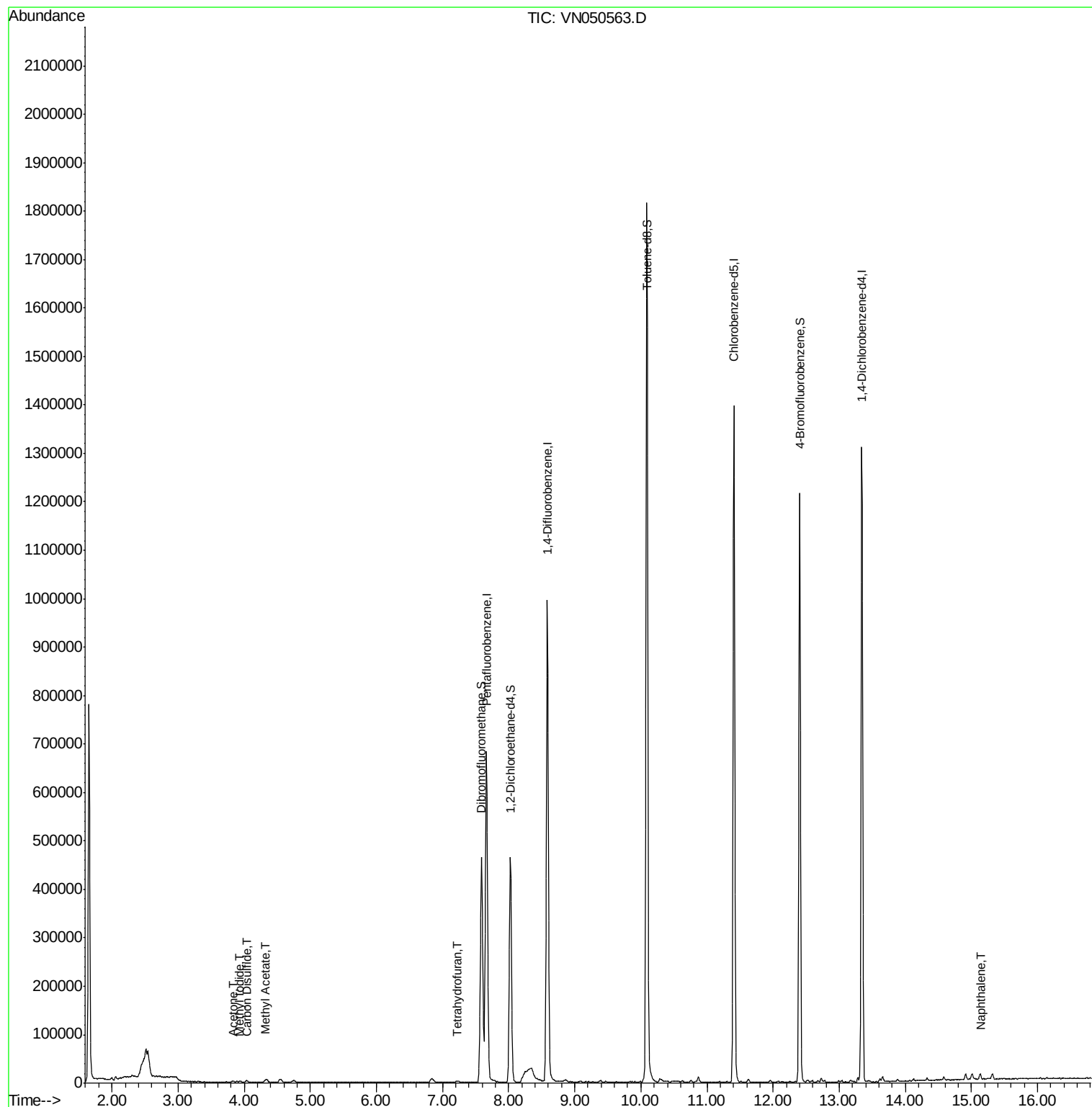
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	5110	1.70	ug/l #	90
16) Acetone	3.83	43	3321	1.04	ug/l	94
17) Carbon Disulfide	4.04	76	6287	0.30	ug/l #	89
18) Methyl Acetate	4.33	43	13800	2.05	ug/l	97
29) Tetrahydrofuran	7.22	42	2352	1.11	ug/l #	70
95) Naphthalene	15.13	128	9046	4.08	ug/l #	96

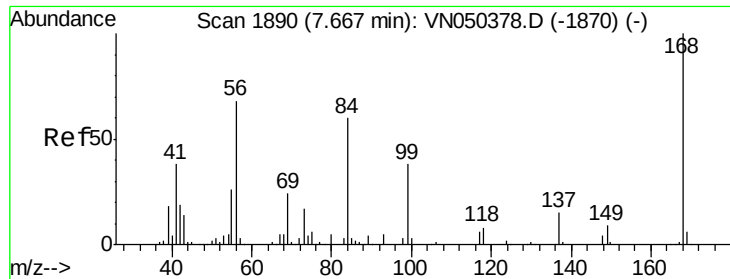
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081318\
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Instrument :
MSVOA_N
ClientSampleId :
S-1A

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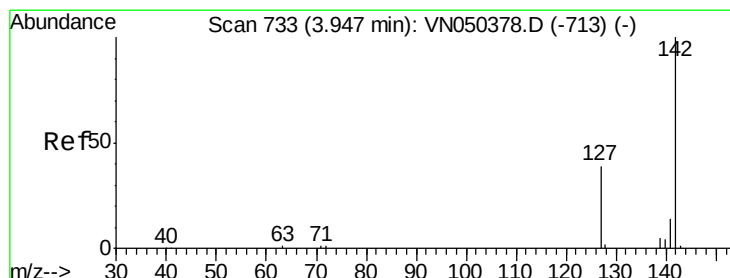
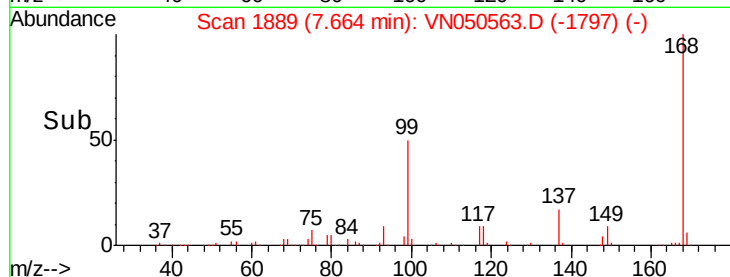
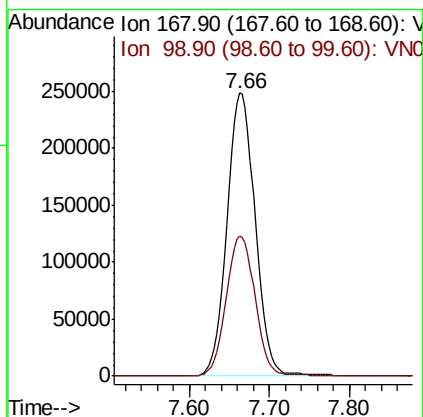
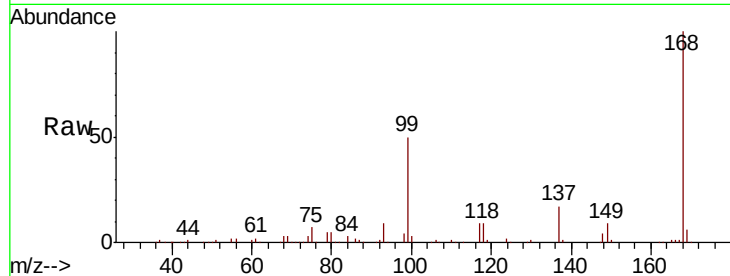




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VN050563.D
Acq: 13 Aug 2018 13:05

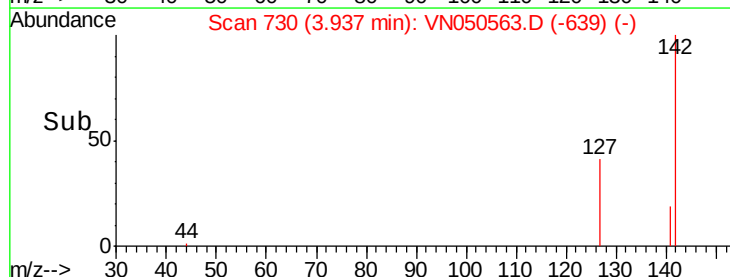
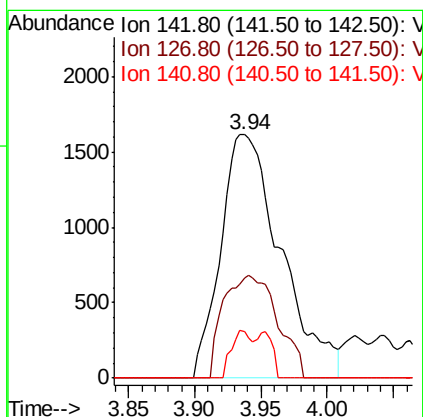
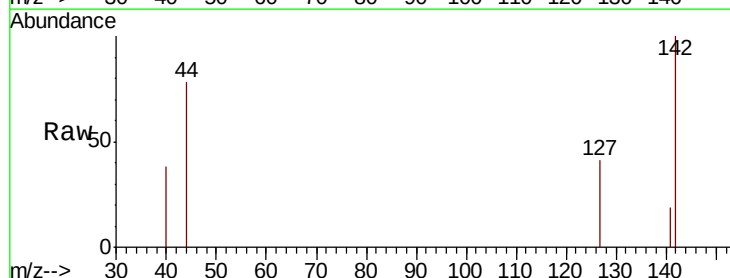
Instrument :
MSVOA_N
ClientSampled :
S-1A

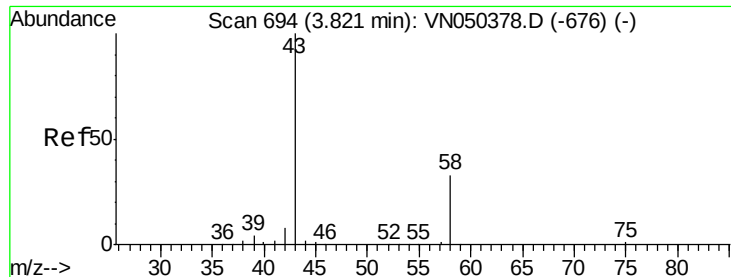
Tot Ion:168 Resp: 596598
Ion Ratio Lower Upper
168 100
99 49.6 40.0 60.0



#10
Methyl Iodide
Concen: 1.70 ug/l
RT: 3.94 min Scan# 730
Delta R.T. -0.01 min
Lab File: VN050563.D
Acq: 13 Aug 2018 13:05

Tgt Ion:142 Resp: 5110
Ion Ratio Lower Upper
142 100
127 37.8 33.4 50.2
141 6.5 11.6 17.4#





#16

Acetone

Concen: 1.04 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050563.D

Acq: 13 Aug 2018 13:05

Instrument :

MSVOA_N

ClientSampled :

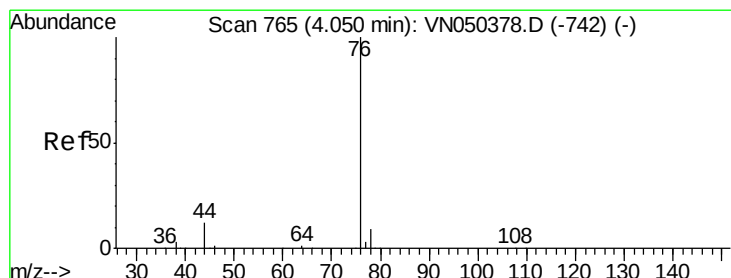
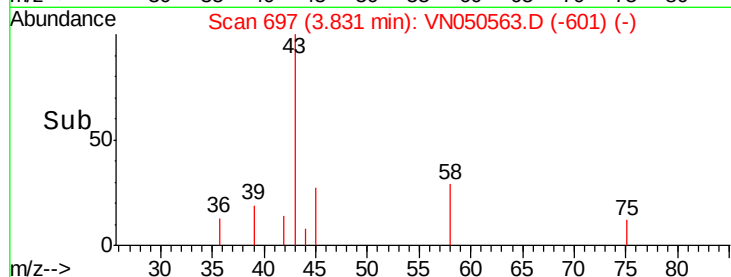
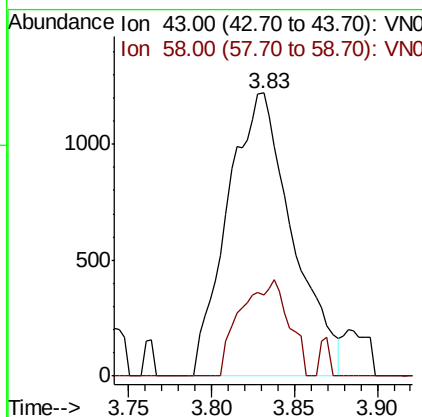
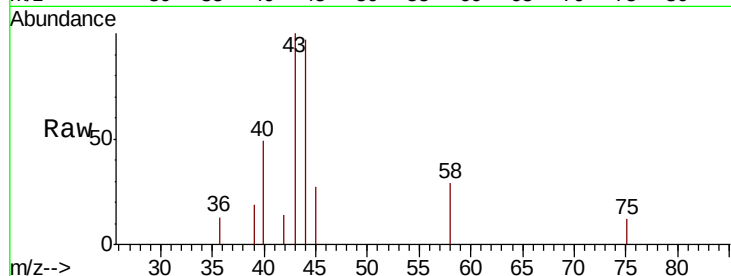
S-1A

Tot Ion: 43 Resp: 3321

Ion Ratio Lower Upper

43 100

58 28.7 25.8 38.8



#17

Carbon Disulfide

Concen: 0.30 ug/l

RT: 4.04 min Scan# 761

Delta R.T. -0.01 min

Lab File: VN050563.D

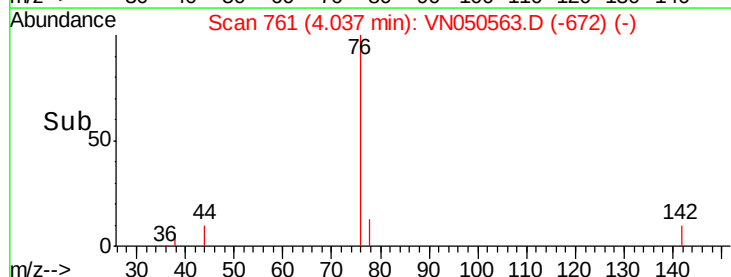
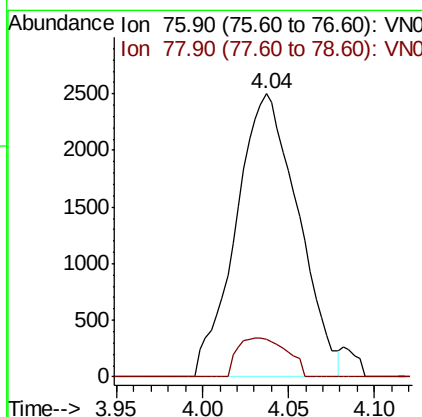
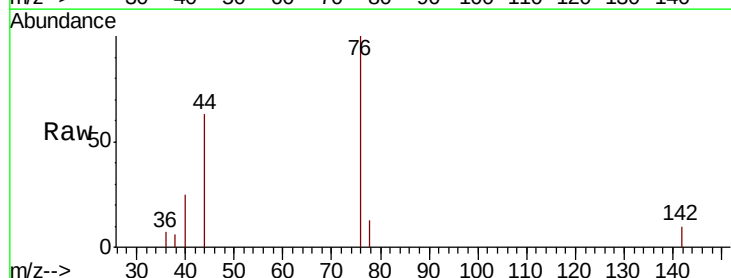
Acq: 13 Aug 2018 13:05

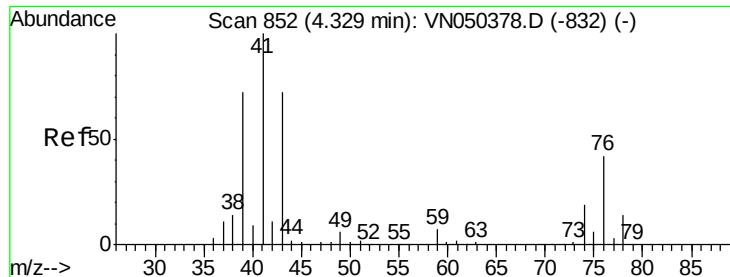
Tgt Ion: 76 Resp: 6287

Ion Ratio Lower Upper

76 100

78 13.2 7.3 10.9#

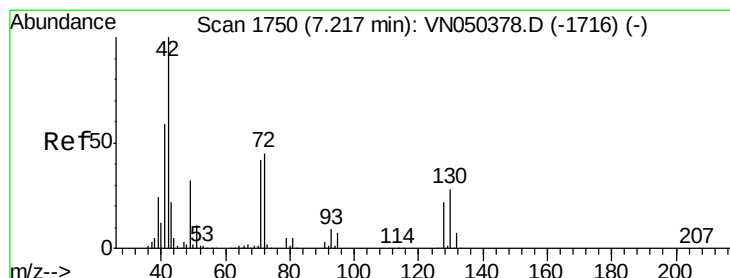
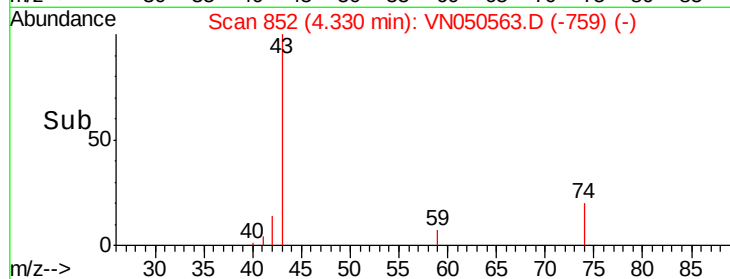
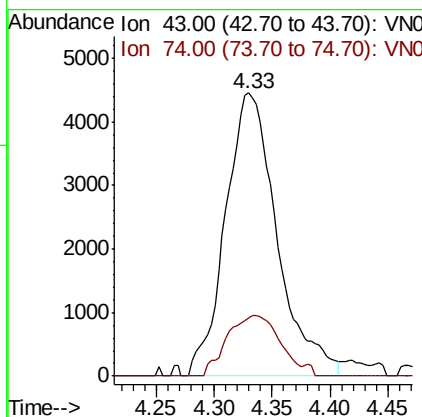
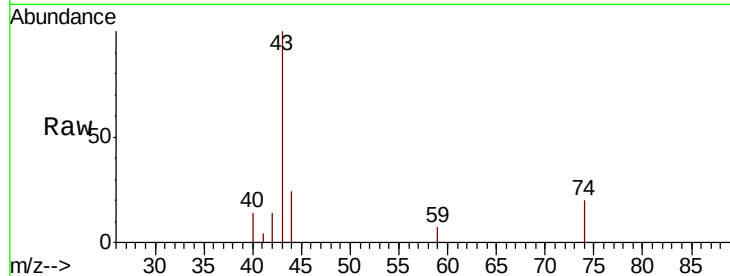




#18
Methvl Acetate
Concen: 2.05 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050563.D
Acq: 13 Aug 2018 13:05

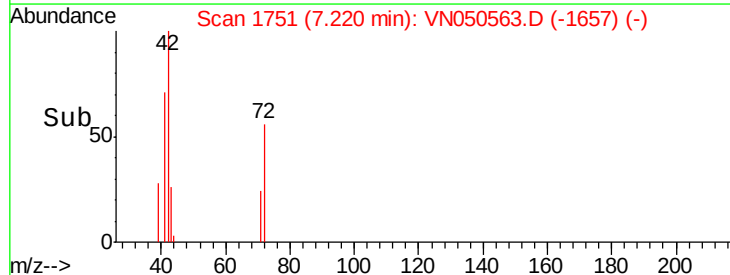
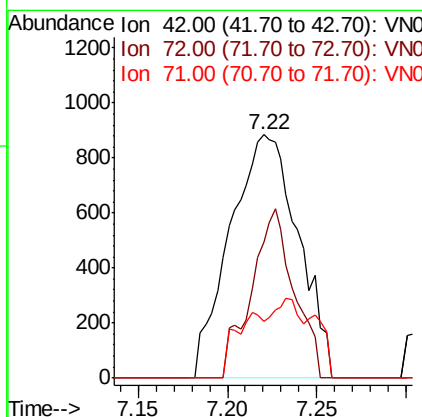
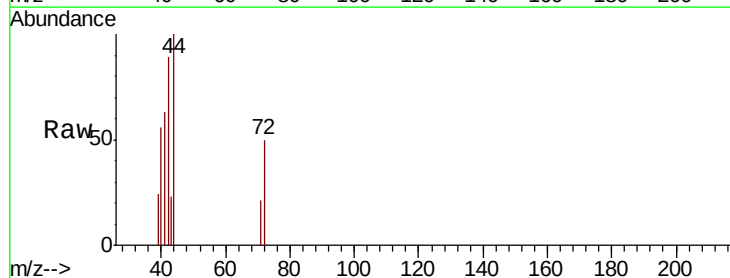
Instrument :
MSVOA_N
ClientSampled :
S-1A

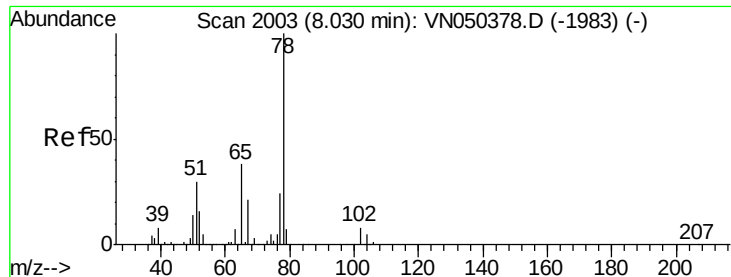
Tot Ion: 43 Resp: 13800
Ion Ratio Lower Upper
43 100
74 22.3 19.2 28.8



#29
Tetrahydrofuran
Concen: 1.11 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050563.D
Acq: 13 Aug 2018 13:05

Tgt Ion: 42 Resp: 2352
Ion Ratio Lower Upper
42 100
72 43.8 35.9 53.9
71 4.6 33.7 50.5#

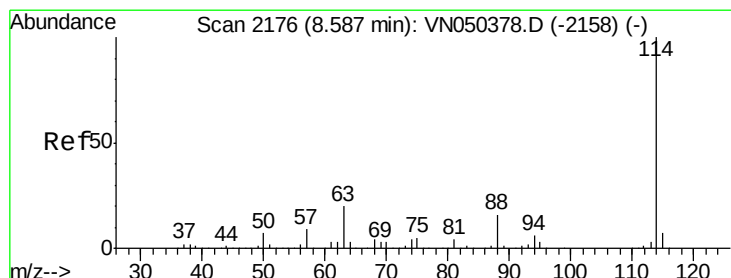
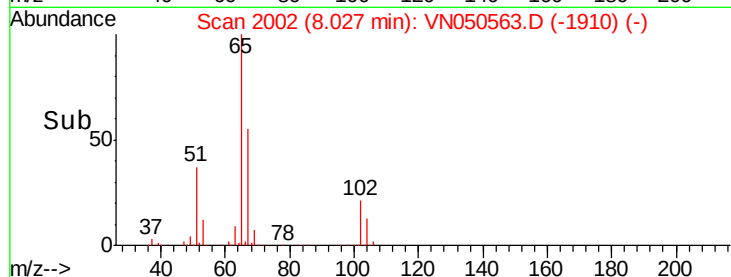
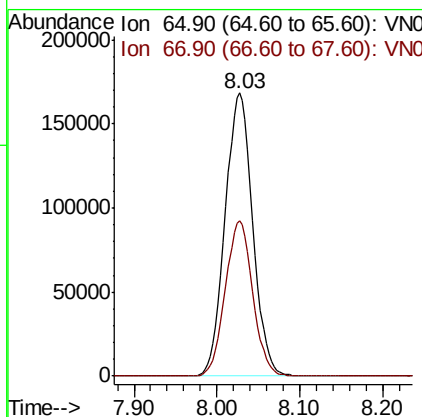
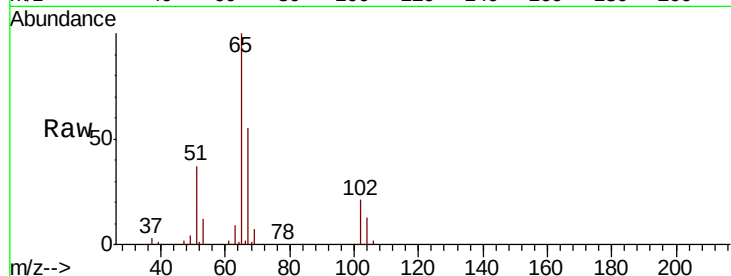




#33
 1,2-Dichloroethane-d4
 Concen: 48.94 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050563.D
 Acq: 13 Aug 2018 13:05

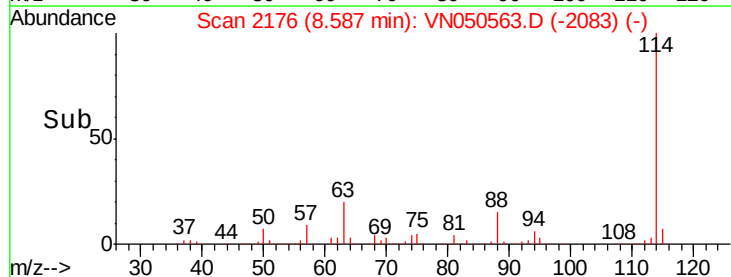
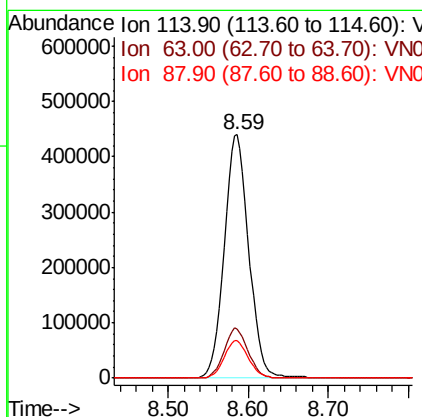
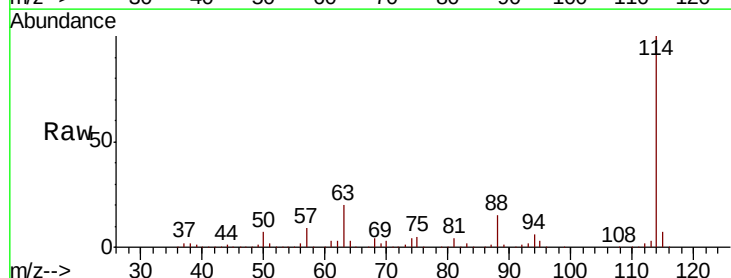
Instrument :
 MSVOA_N
 ClientSampleId :
 S-1A

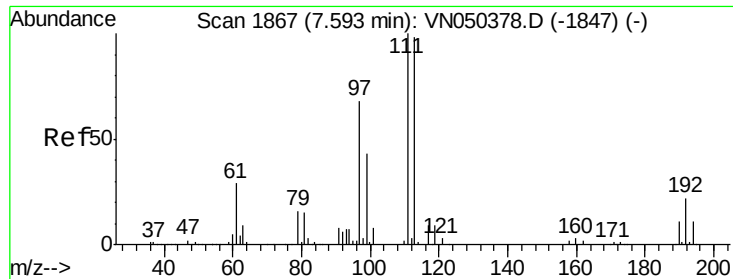
Tot Ion: 65 Resp: 390131
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050563.D
 Acq: 13 Aug 2018 13:05

Tgt Ion: 114 Resp: 922073
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.3 0.0 31.2

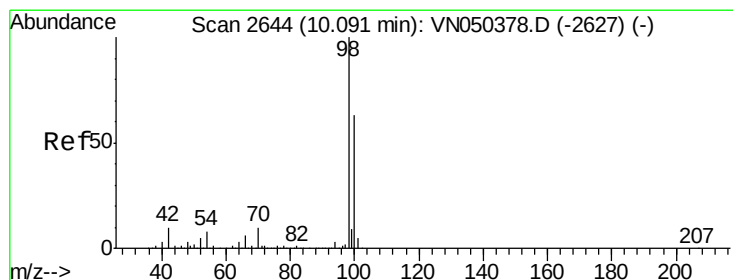
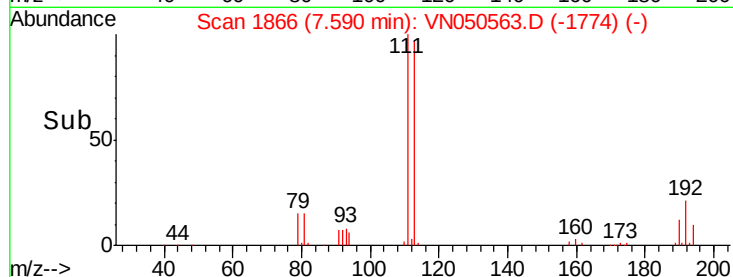
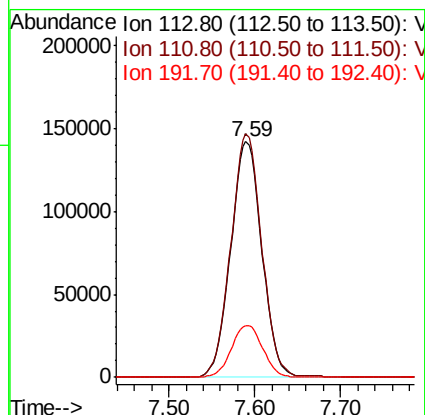
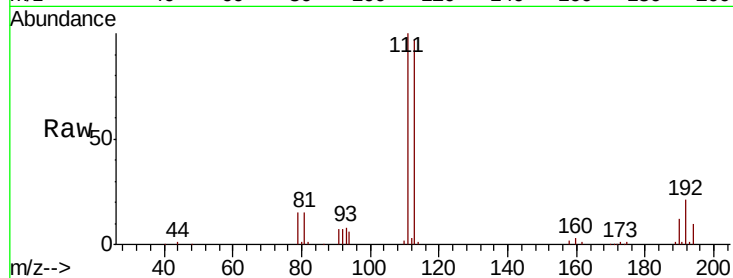




#35
 Dibromofluoromethane
 Concen: 48.44 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050563.D
 Acq: 13 Aug 2018 13:05

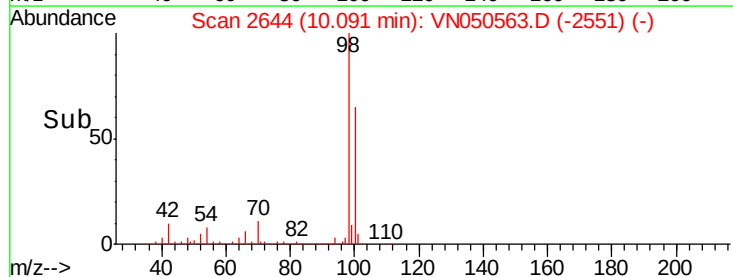
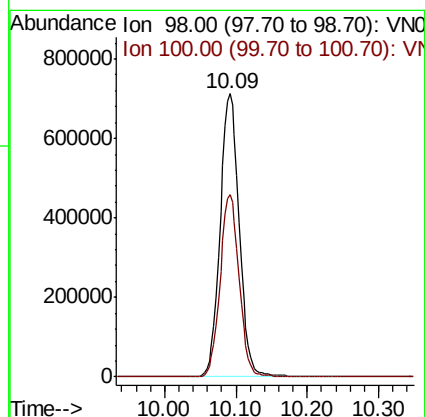
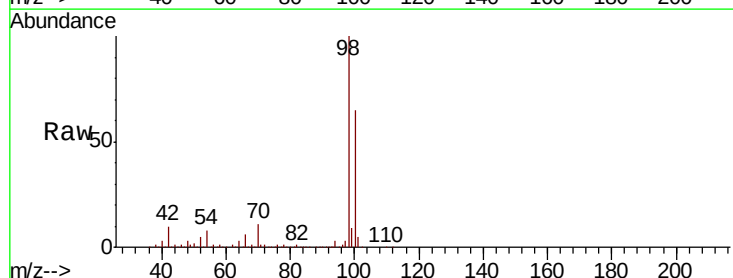
Instrument :
 MSVOA_N
 ClientSampleId :
 S-1A

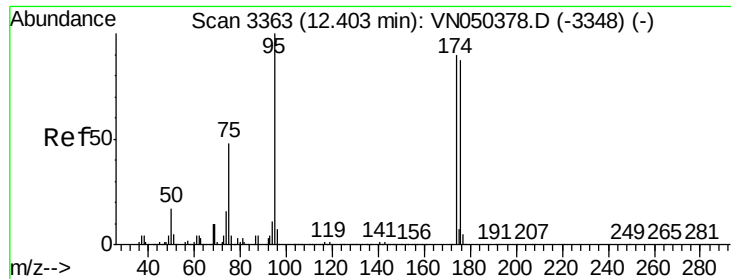
Tot Ion:113 Resp: 358394
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.1 17.8 26.6



#50
 Toluene-d8
 Concen: 47.52 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050563.D
 Acq: 13 Aug 2018 13:05

Tgt Ion: 98 Resp: 1321809
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.7 76.1

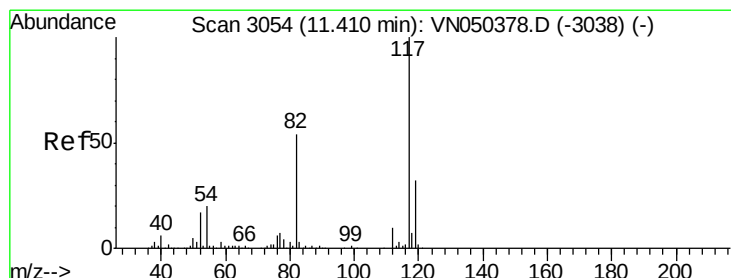
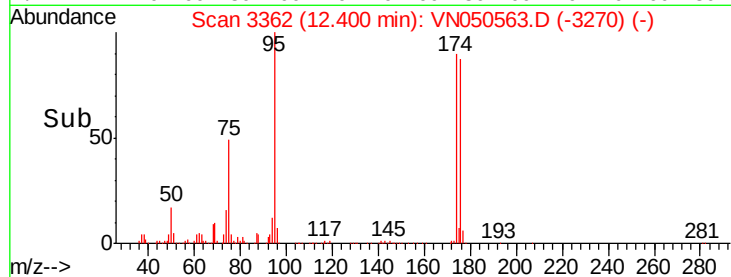
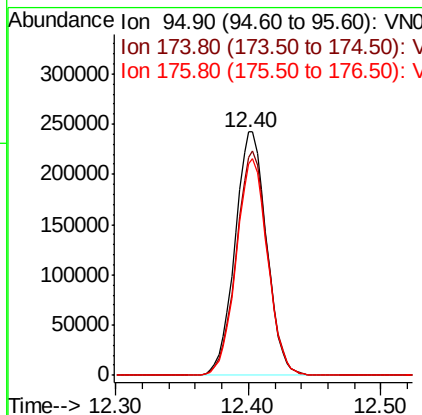
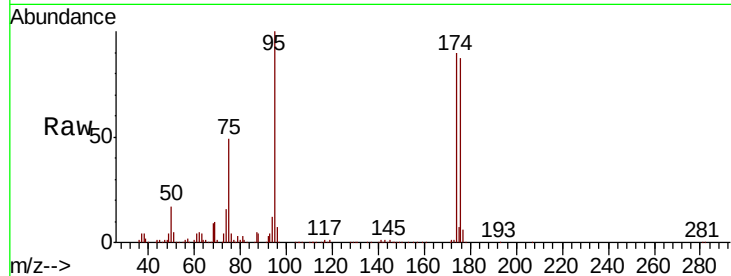




#62
4-Bromofluorobenzene
Concen: 42.30 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. -0.00 min
Lab File: VN050563.D
Acq: 13 Aug 2018 13:05

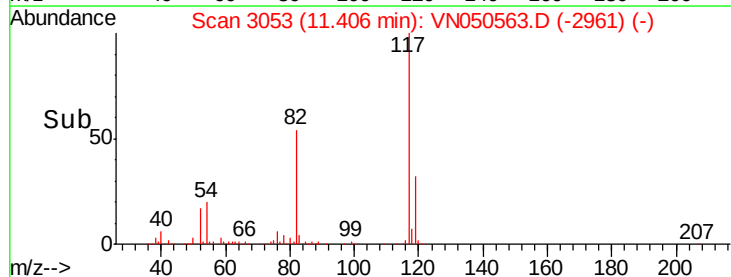
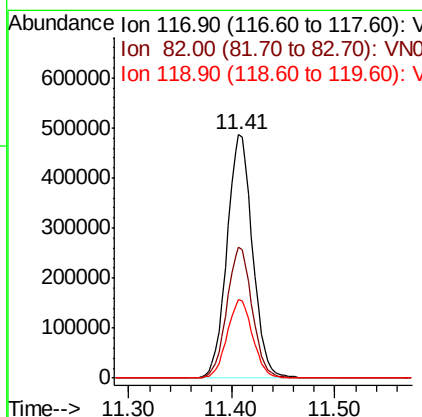
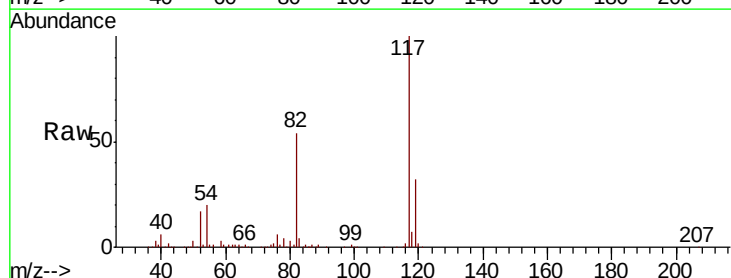
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ClientSampleId :
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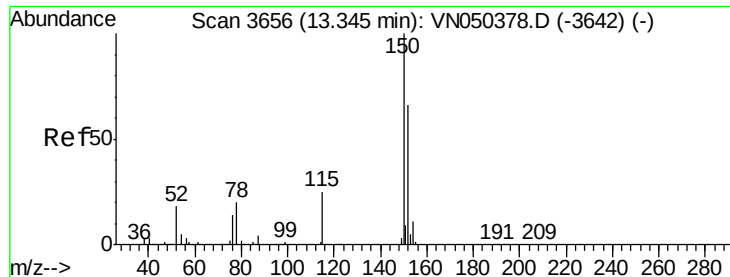
Tot Ion: 95 Resp: 401005
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.8 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050563.D
Acq: 13 Aug 2018 13:05

Tgt Ion: 117 Resp: 840887
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050563.D

Acq: 13 Aug 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

S-1A

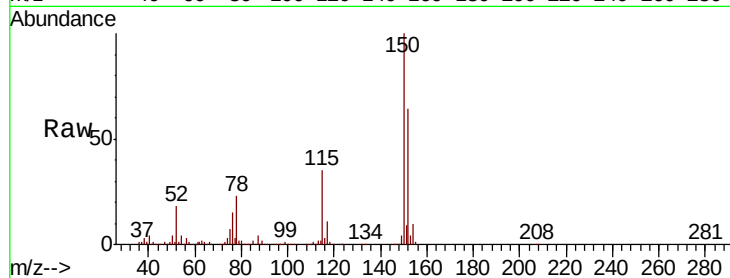
Tot Ion:152 Resp: 373091

Ion Ratio Lower Upper

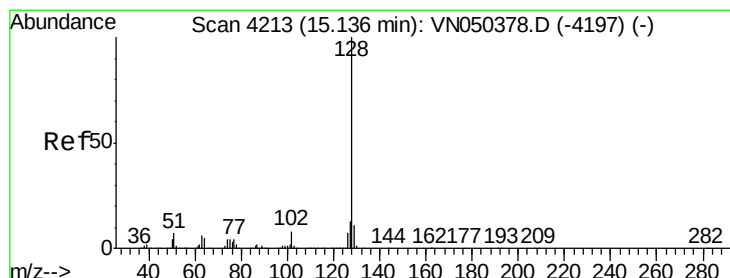
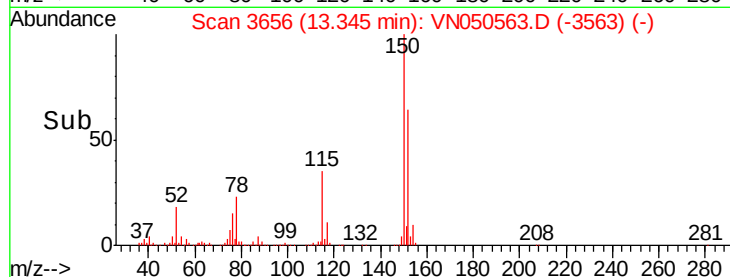
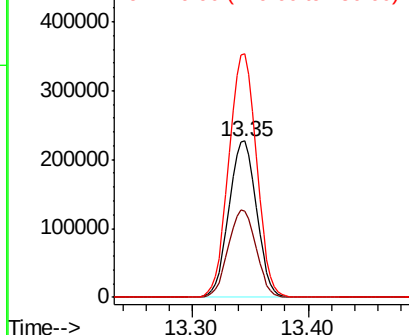
152 100

115 56.1 27.8 83.3

150 155.9 0.0 348.6



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: 4.08 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050563.D

Acq: 13 Aug 2018 13:05

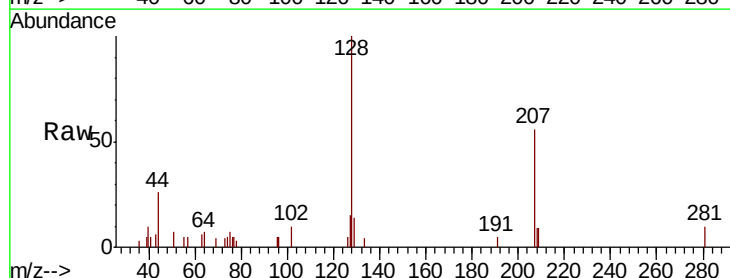
Tgt Ion:128 Resp: 9046

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 13.6 8.8 13.2#



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

