

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011419\
 Data File : VN053388.D
 Acq On : 14 Jan 2019 13:44
 Operator : JC/SP
 Sample : PB116342ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116342ZHE#01

Manual Integrations
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 1/15/2019 11:14:30 AM

Quant Time: Jan 14 23:32:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1030768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1598519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1507539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	660025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	511488	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	7.59	113	455765	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1991256	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	700788	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
Target Compounds						
16) Acetone	3.82	43	14067	3.244	ug/l	94
20) Methylene Chloride	4.55	84	12240m	1.063	ug/l	
43) Isopropyl Acetate	8.17	43	49375	2.582	ug/l #	83
80) 1,3,5-Trimethylbenzene	12.73	105	13498	0.341	ug/l	99
95) Naphthalene	15.13	128	12805	1.103	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	6359	1.428	ug/l	94

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

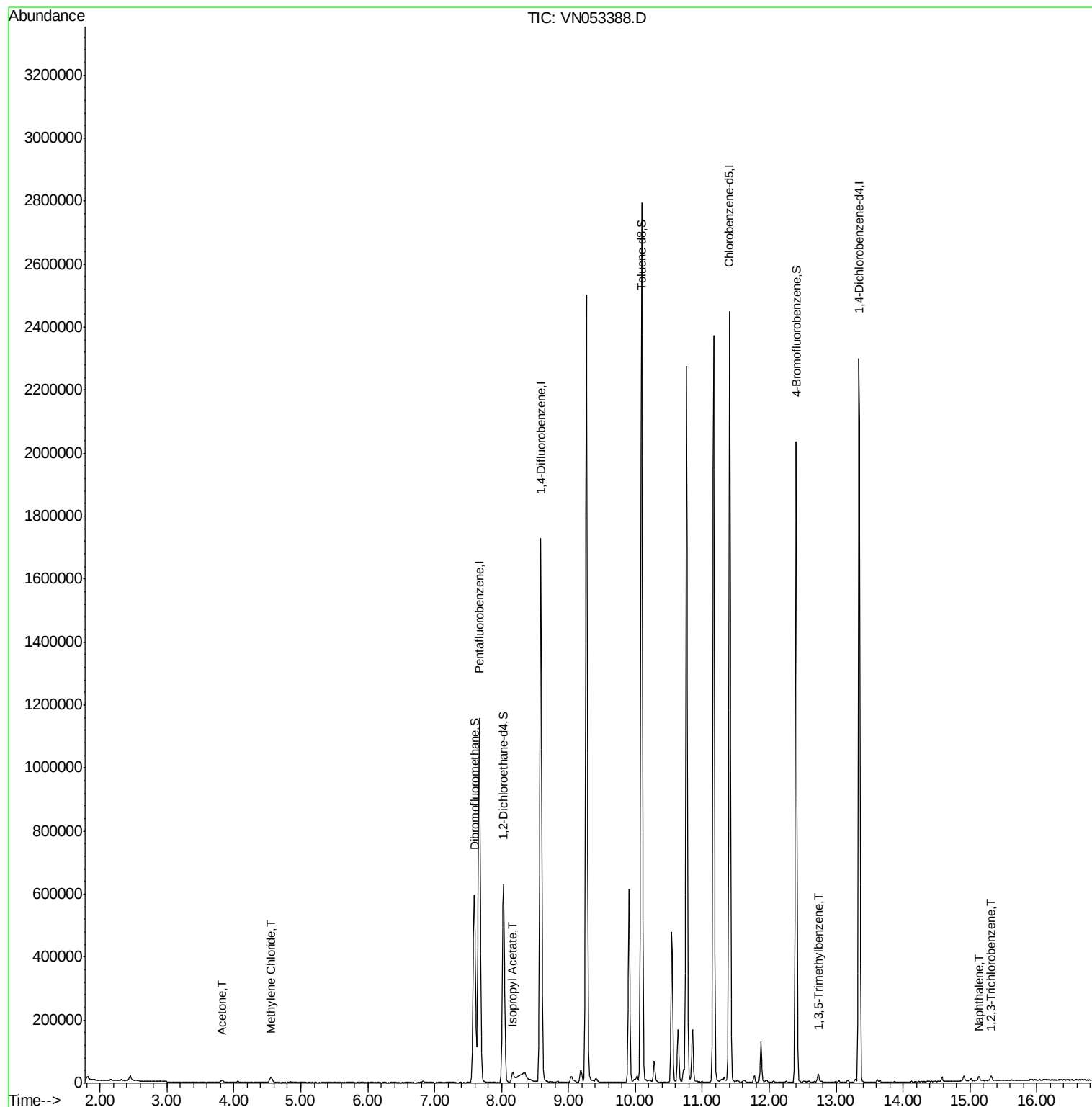
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011419\
Data File : VN053388.D
Acq On : 14 Jan 2019 13:44
Operator : JC/SP
Sample : PB116342ZHE#01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 28

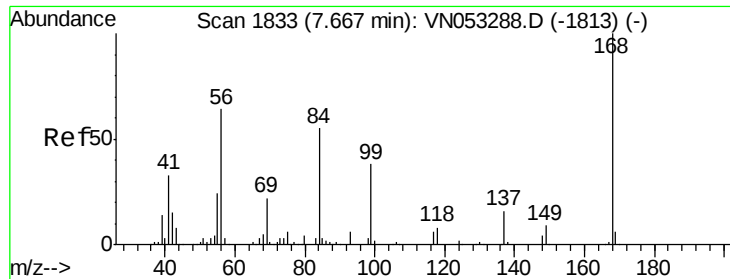
Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#01

Manual Integrations
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Quant Time: Jan 14 23:32:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





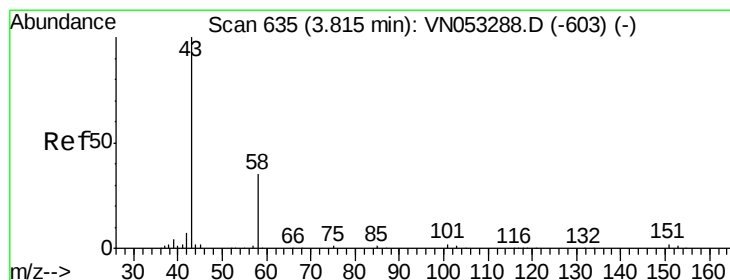
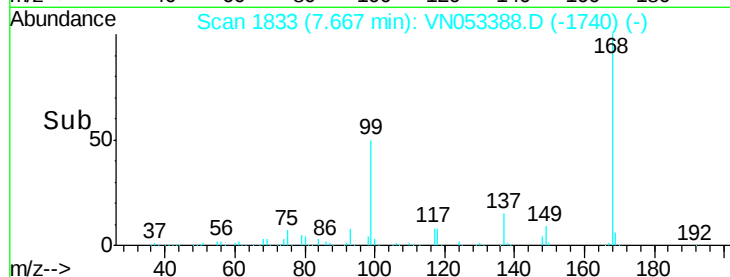
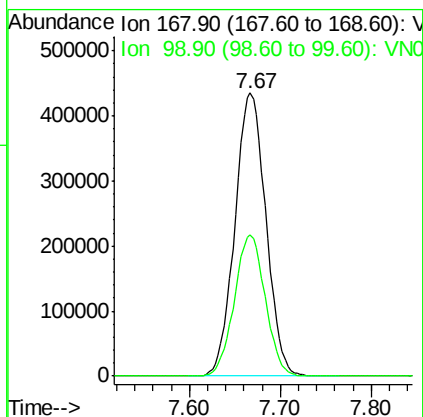
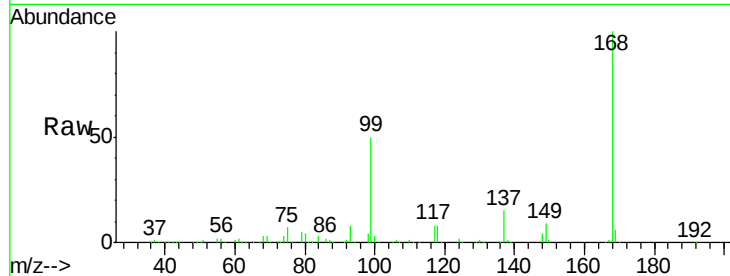
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053388.D
Acq: 14 Jan 2019 13:44

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#01

Tot Ion:168 Resp: 1030768
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7

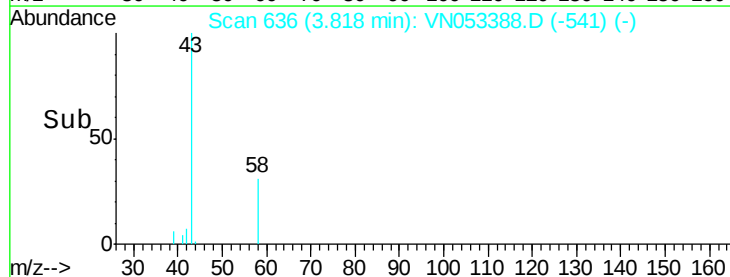
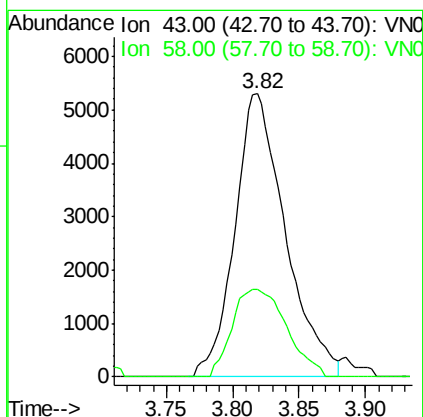
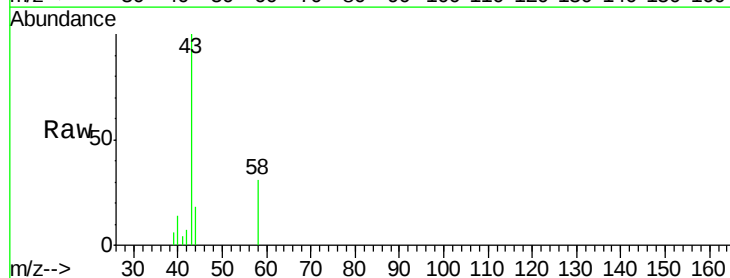
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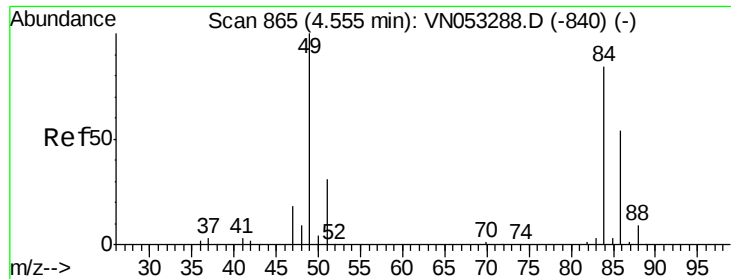
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#16
Acetone
Concen: 3.244 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053388.D
Acq: 14 Jan 2019 13:44

Tgt Ion: 43 Resp: 14067
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.6





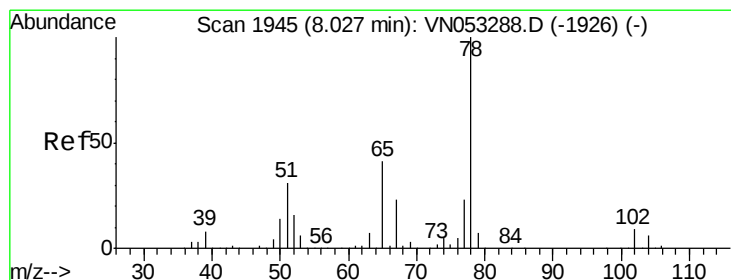
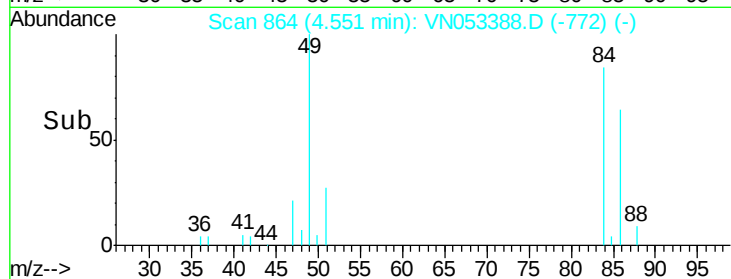
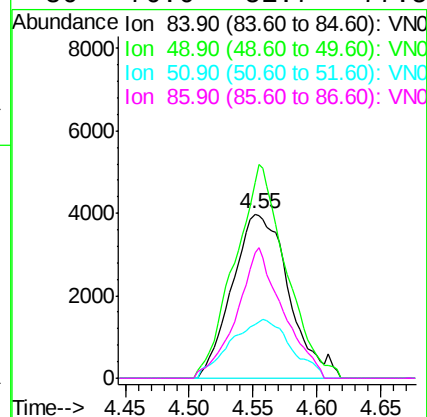
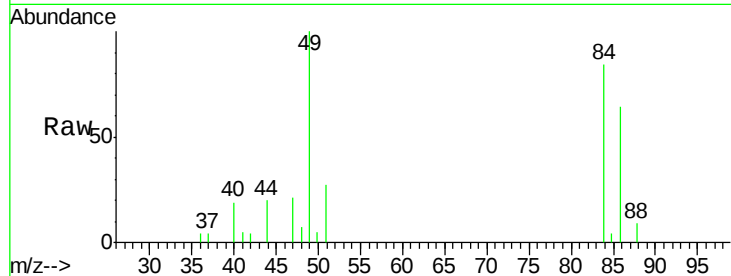
#20
Methvlene Chloride
Concen: 1.063 ug/l m
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053388.D
Acq: 14 Jan 2019 13:44

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#01

Tot Ion	Ratio	Lower	Upper
84	100		
49	119.4	95.3	142.9
51	32.5	29.0	43.6
86	76.6	51.7	77.5

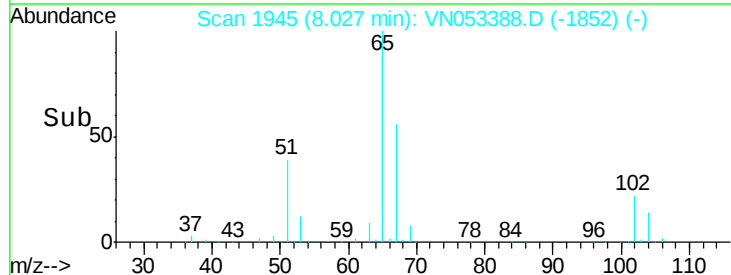
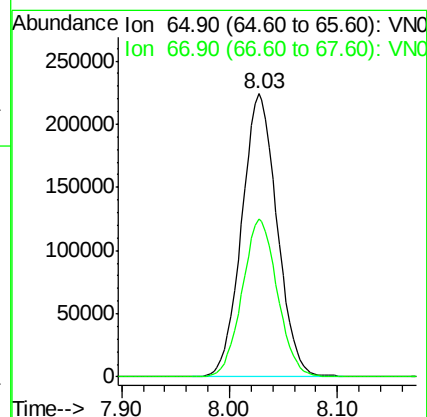
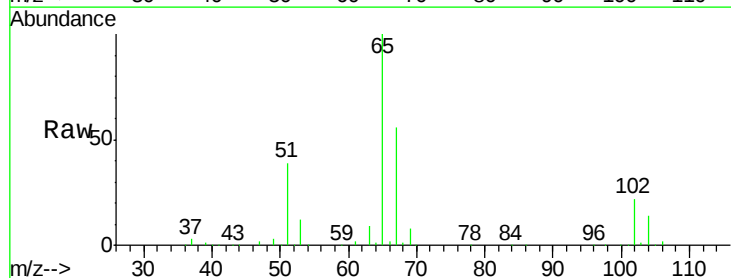
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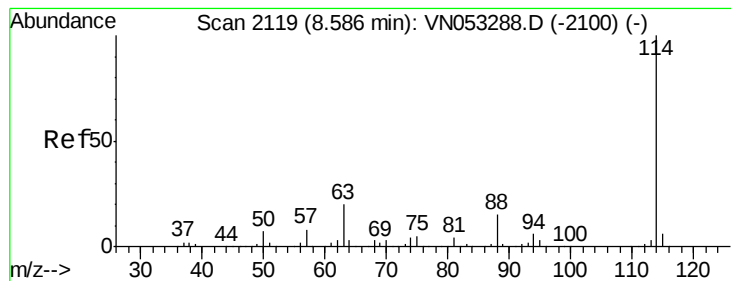
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#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053388.D
Acq: 14 Jan 2019 13:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.4	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: VN053388.D

Acq: 14 Jan 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB116342ZHE#01

Tot Ion:114 Resp: 1598519

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

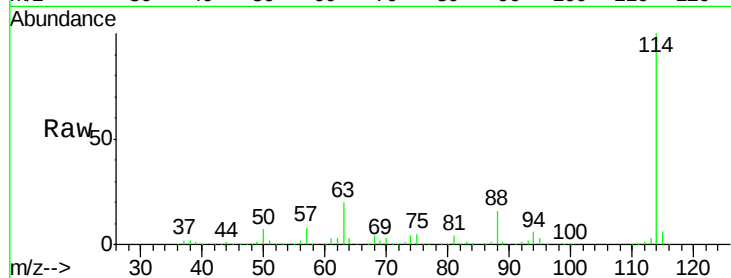
88 15.6 0.0 30.8

Manual Integrations

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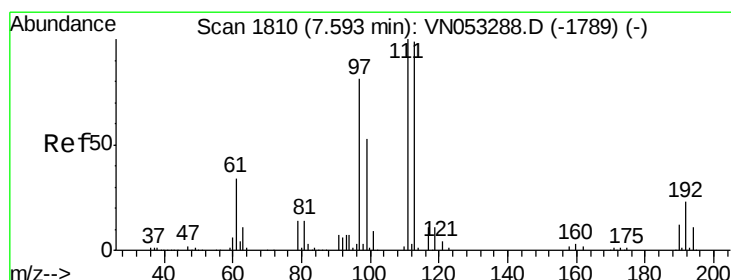
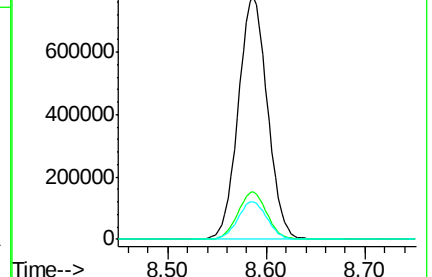
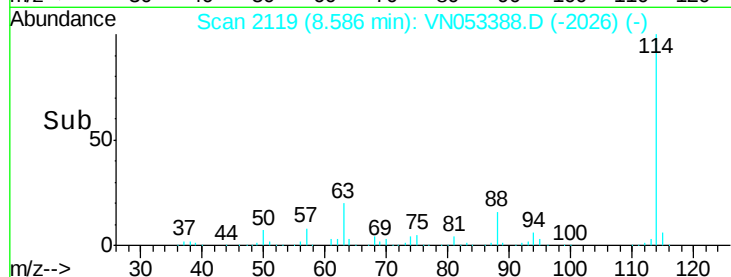
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN053388.D

Acq: 14 Jan 2019 13:44

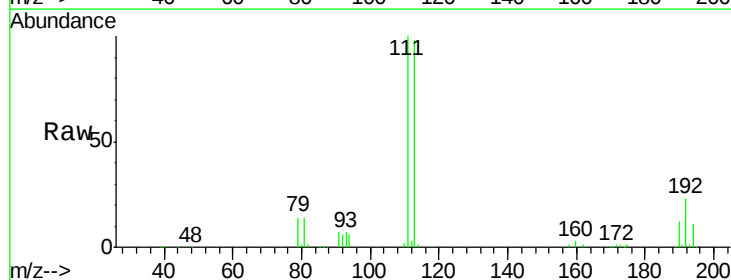
Tgt Ion:113 Resp: 455765

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

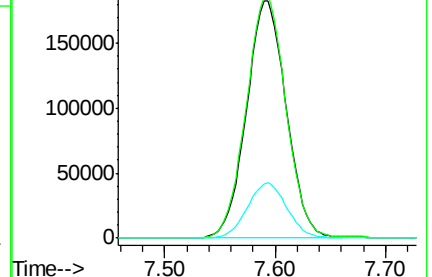
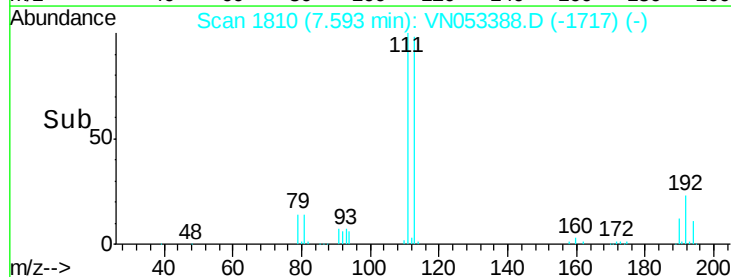
192 23.0 17.9 26.9

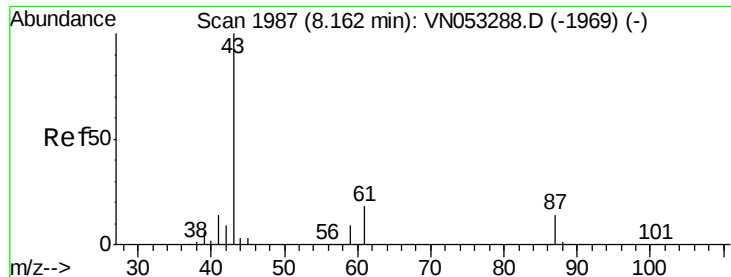


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





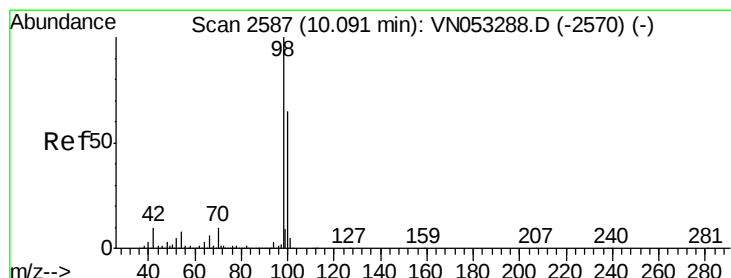
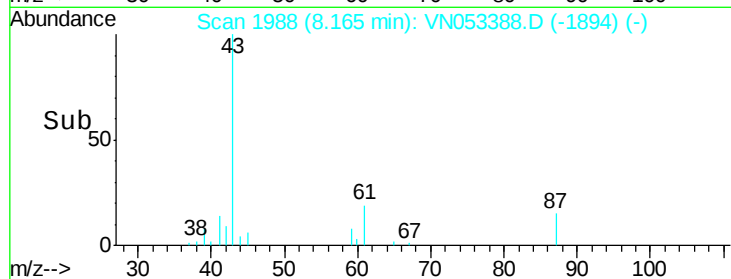
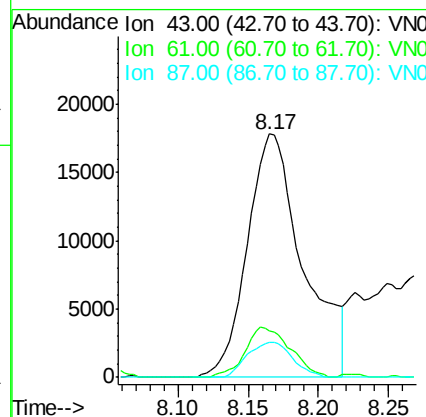
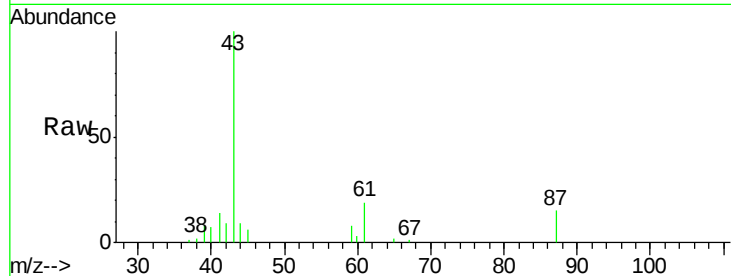
#43
Isopropyl Acetate
Concen: 2.582 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053388.D
Acq: 14 Jan 2019 13:44

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	23.3	34.9#
87	11.6	10.8	16.2

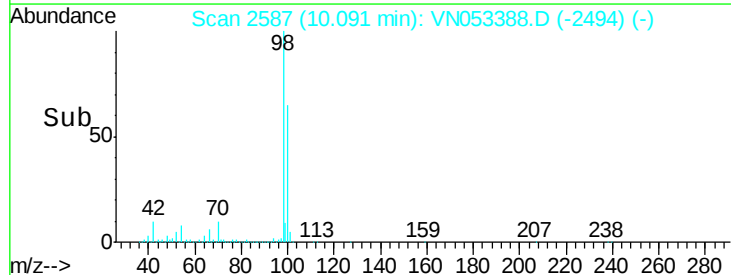
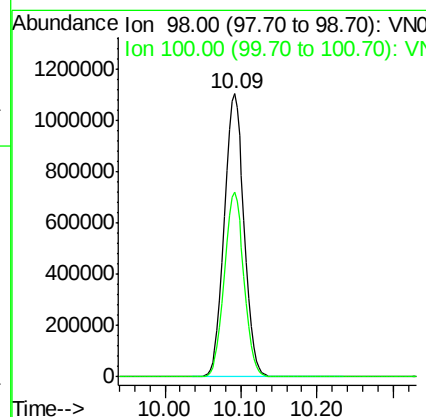
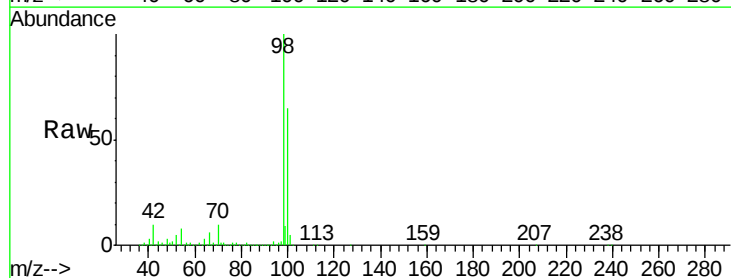
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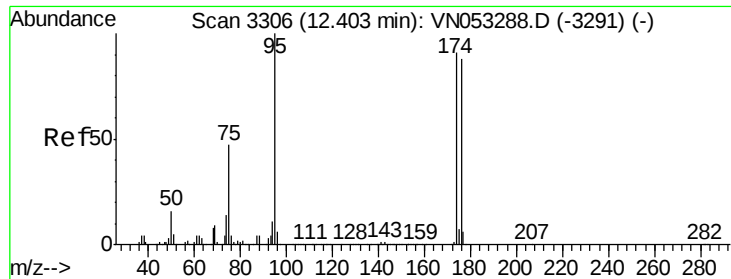
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053388.D
Acq: 14 Jan 2019 13:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053388.D

Acq: 14 Jan 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB116342ZHE#01

Tot Ion: 95 Resp: 700788

Ion Ratio Lower Upper

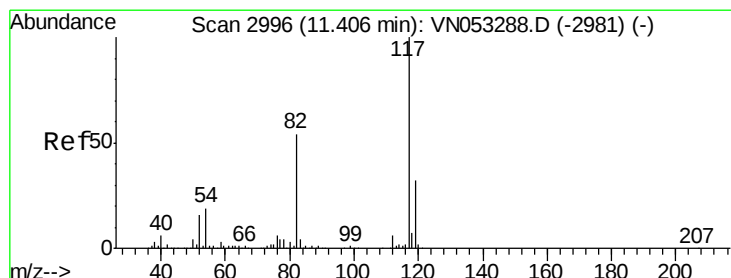
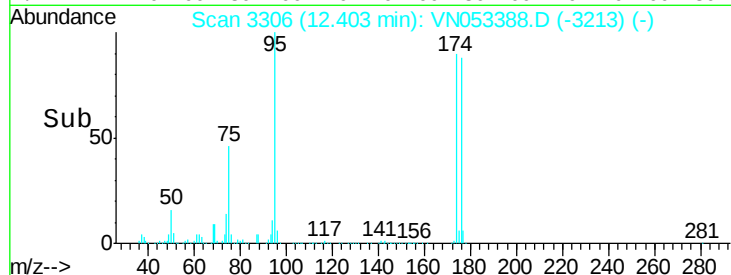
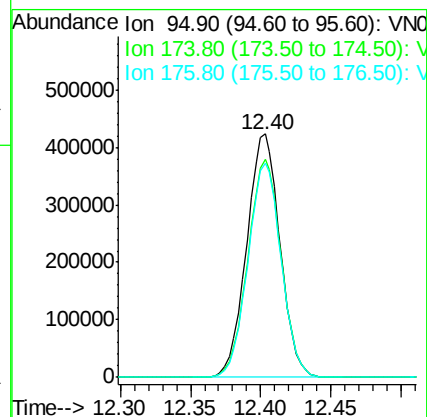
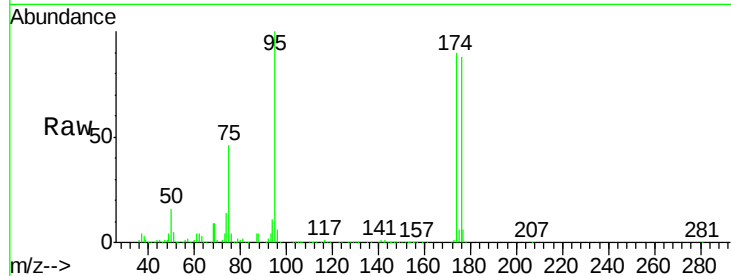
95 100

174 89.5 0.0 180.4

176 87.6 0.0 175.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053388.D

Acq: 14 Jan 2019 13:44

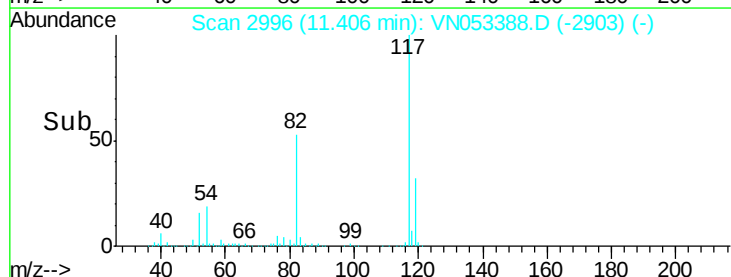
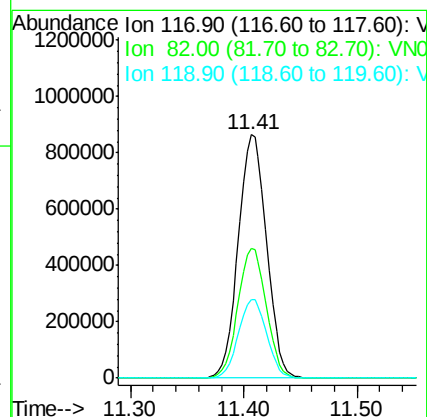
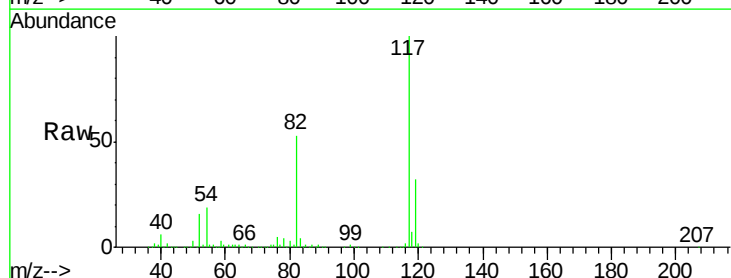
Tgt Ion: 117 Resp: 1507539

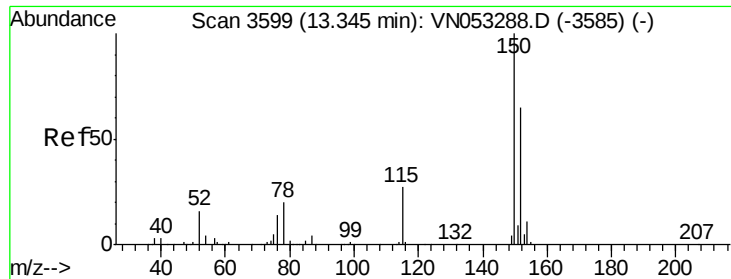
Ion Ratio Lower Upper

117 100

82 53.4 42.9 64.3

119 32.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053388.D

Acq: 14 Jan 2019 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB116342ZHE#01

Tot Ion:152 Resp: 660025

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

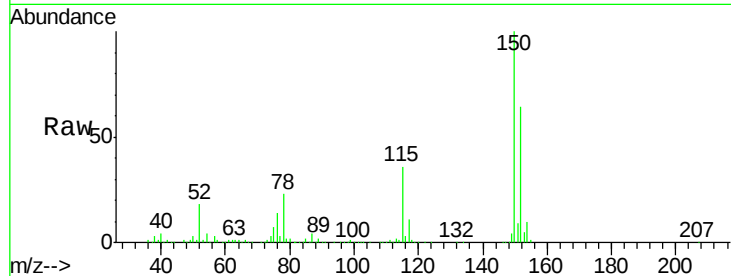
150 156.5 0.0 346.6

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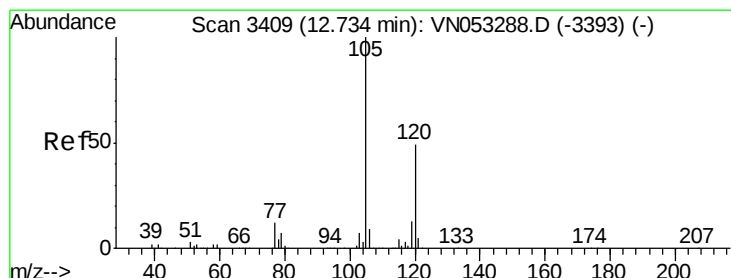
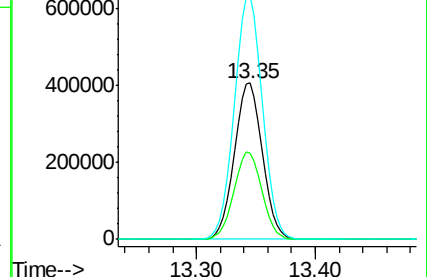
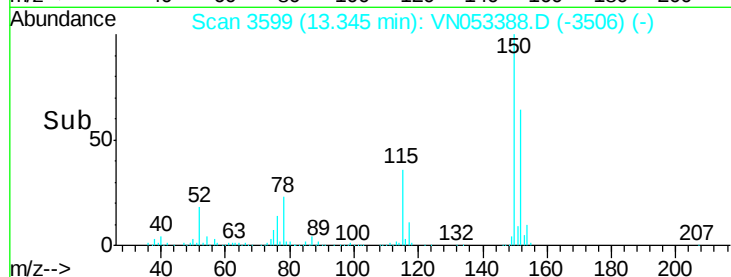
1/15/2019 11:14:30 AM



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



#80

1,3,5-Trimethylbenzene

Concen: 0.341 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN053388.D

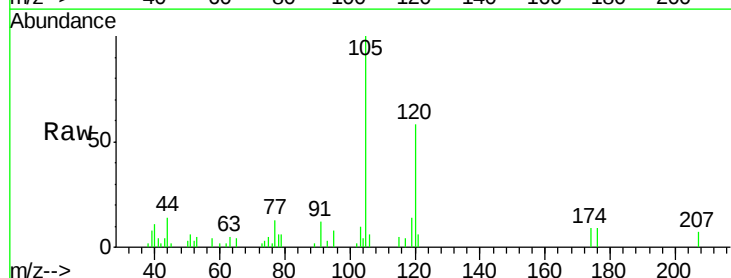
Acq: 14 Jan 2019 13:44

Tgt Ion:105 Resp: 13498

Ion Ratio Lower Upper

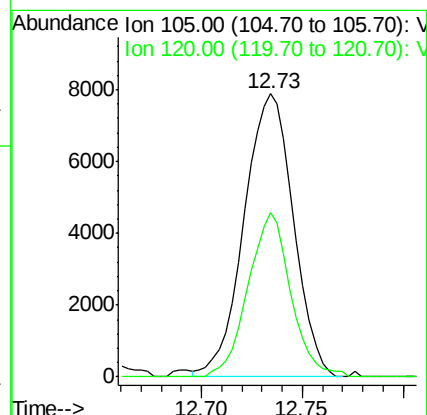
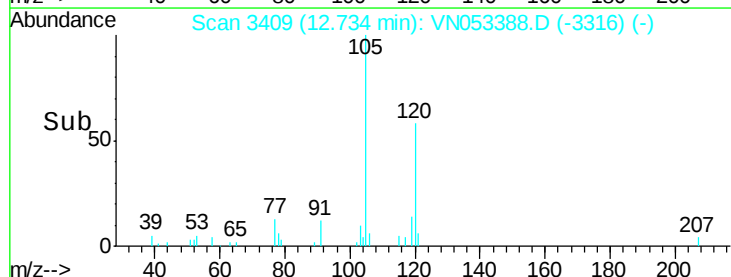
105 100

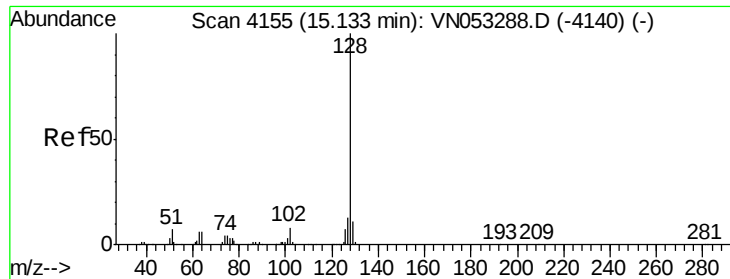
120 50.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.103 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053388.D

Acq: 14 Jan 2019 13:44

Instrument :

MSVOA_N

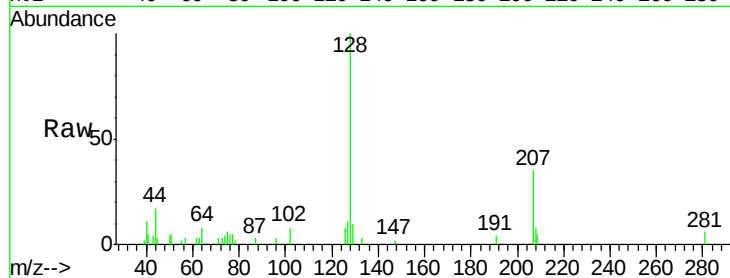
ClientSampleId :

PB116342ZHE#01

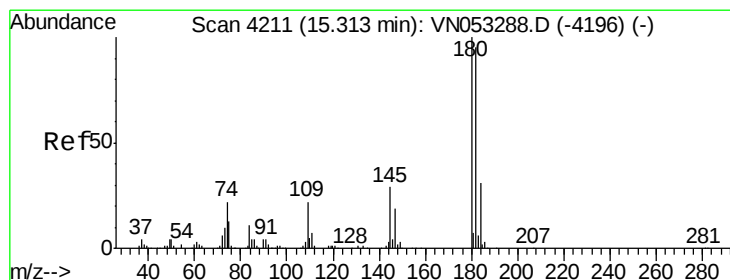
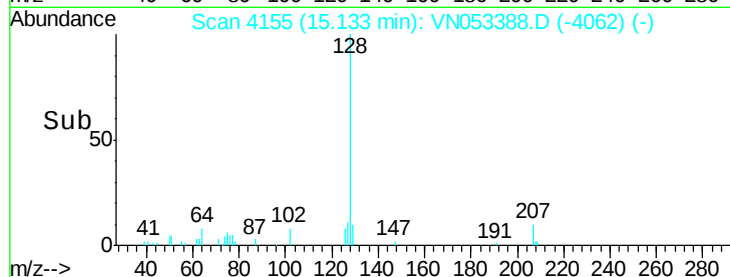
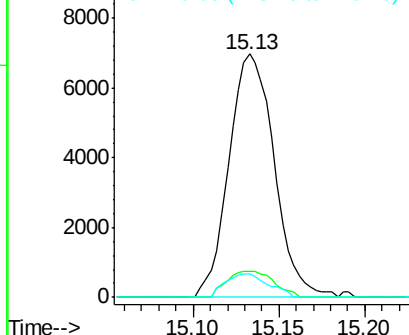
Tot Ion:	128	Resp:	12805
Ion Ratio	Lower	Upper	
128	100		
127	11.1	10.4	15.6
129	9.3	8.7	13.1

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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



#96

1,2,3-Trichlorobenzene

Concen: 1.428 ug/l

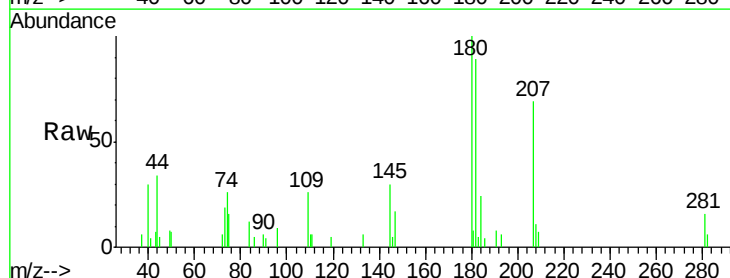
RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053388.D

Acq: 14 Jan 2019 13:44

Tgt Ion:	180	Resp:	6359
Ion Ratio	Lower	Upper	
180	100		
182	89.4	48.4	145.0
145	31.1	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

