

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053545.D
 Acq On : 28 Jan 2019 15:01
 Operator : JC/SP
 Sample : PB116640ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#01

Manual Integrations
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 1/29/2019 9:52:51 AM

Quant Time: Jan 29 07:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	926773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1451454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	499933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	470232	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.59	113	453582	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.09	98	1753810	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	555046	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
Target Compounds						
16) Acetone	3.82	43	51543	23.983	ug/l	97
20) Methylene Chloride	4.56	84	33832	3.448	ug/l	99
25) 2-Butanone	6.84	43	14838	4.480	ug/l	97
29) Tetrahydrofuran	7.22	42	15007m	6.960	ug/l	
43) Isopropyl Acetate	8.17	43	53512	3.913	ug/l #	79
95) Naphthalene	15.14	128	7195	4.487	ug/l	97

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

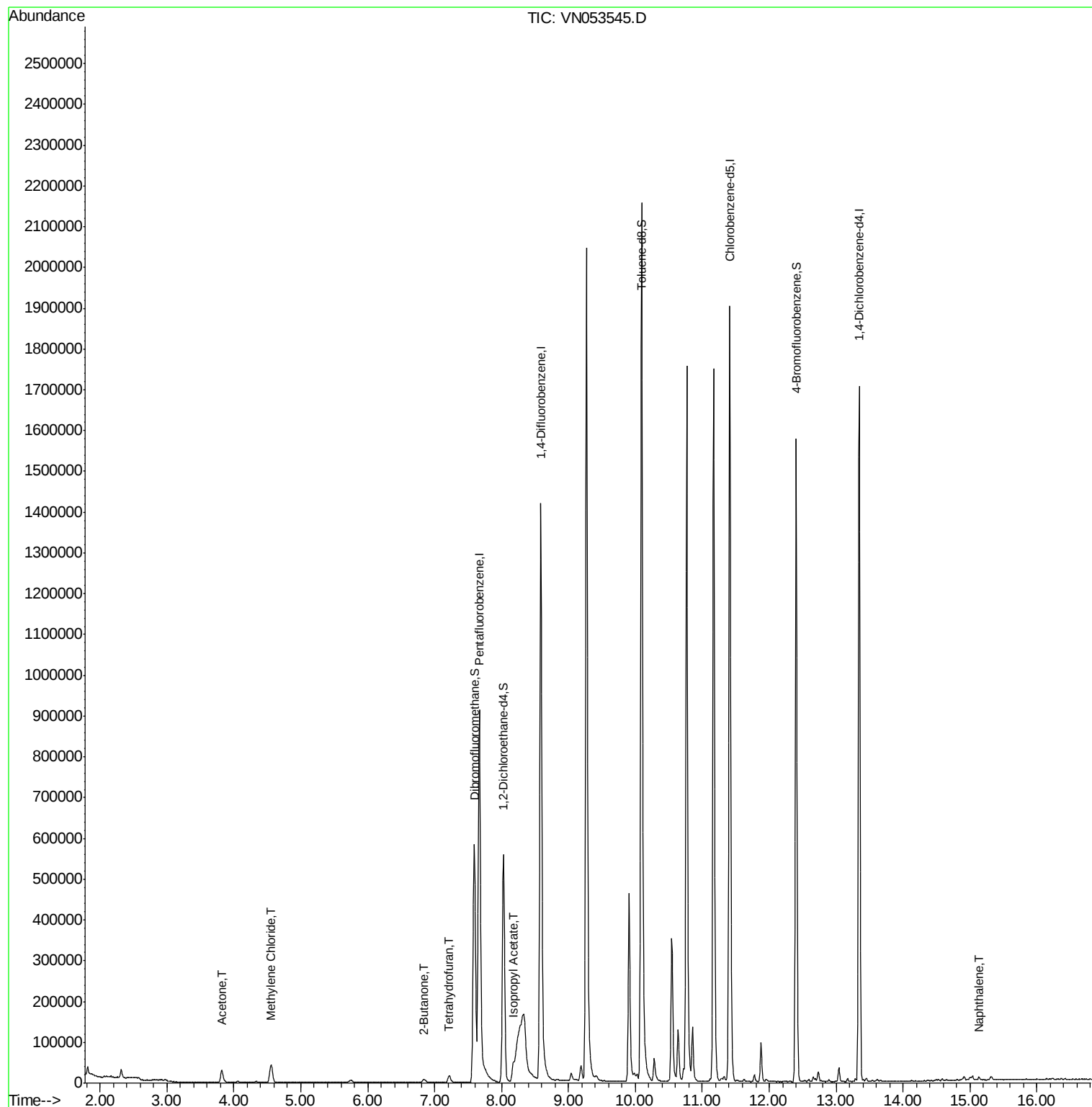
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053545.D
Acq On : 28 Jan 2019 15:01
Operator : JC/SP
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

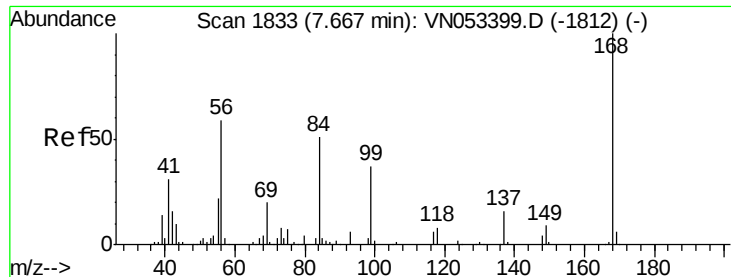
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#01

Manual Integrations
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1/29/2019 9:52:51 AM

Quant Time: Jan 29 07:32:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

Tot Ion:168 Resp: 926773

Ion Ratio Lower Upper

168 100

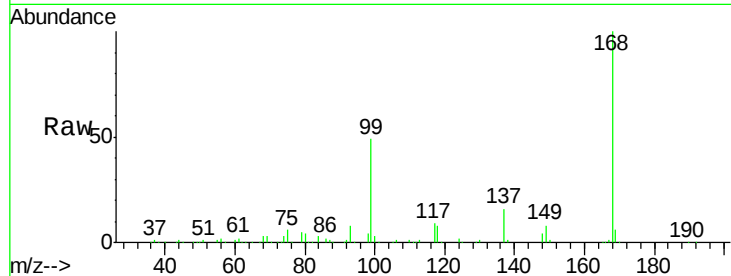
99 49.3 39.1 58.7

Manual Integrations

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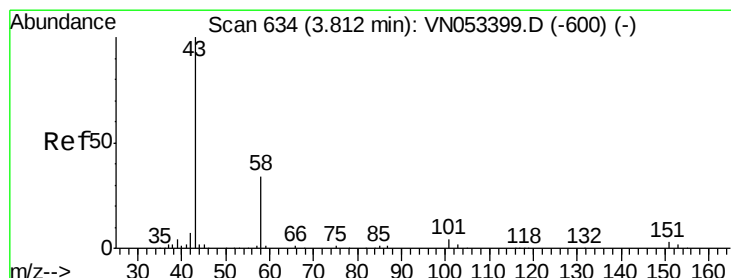
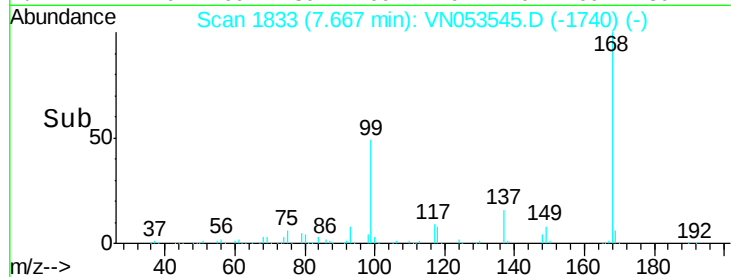
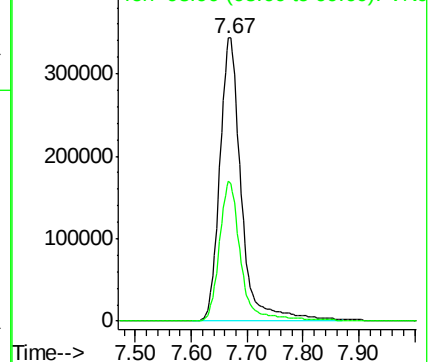
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 23.983 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053545.D

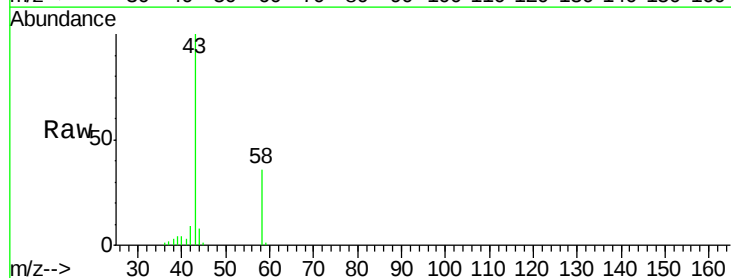
Acq: 28 Jan 2019 15:01

Tgt Ion: 43 Resp: 51543

Ion Ratio Lower Upper

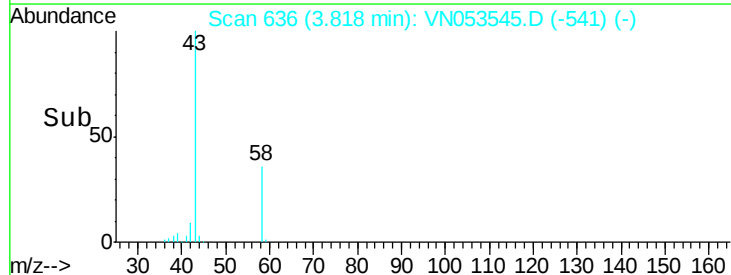
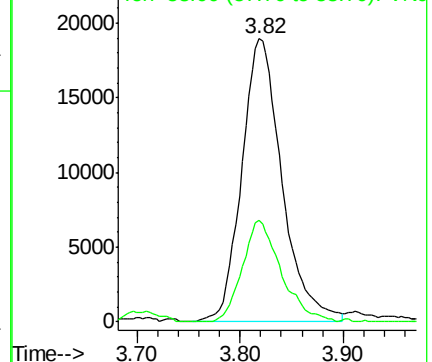
43 100

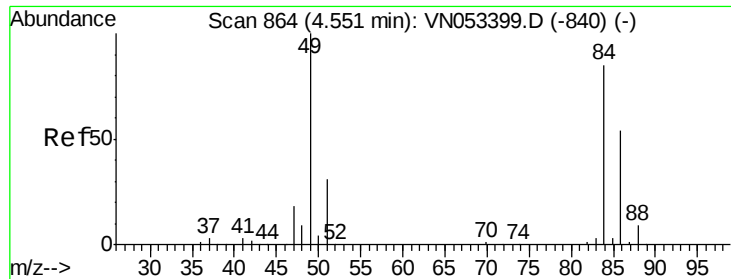
58 35.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





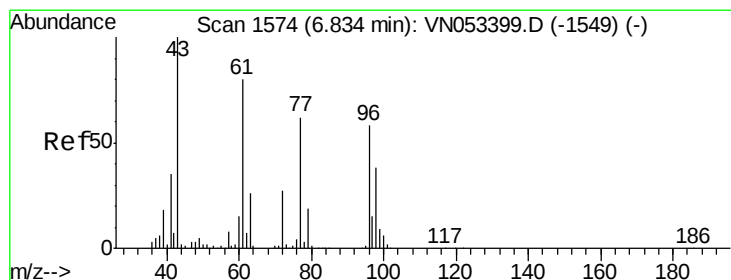
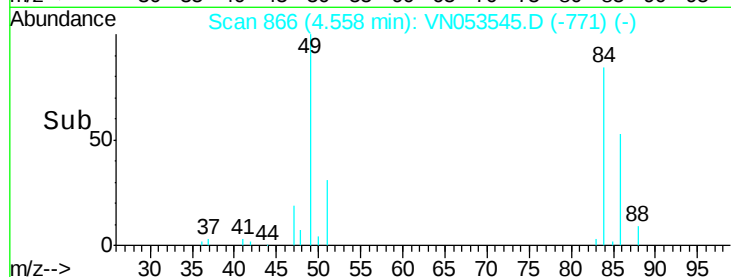
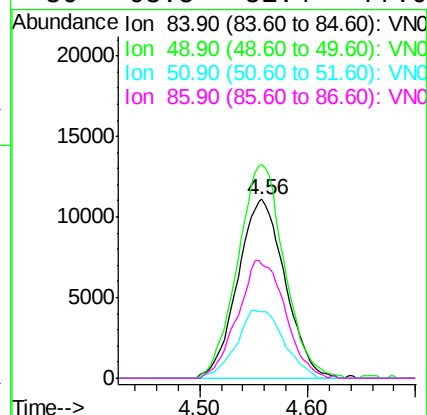
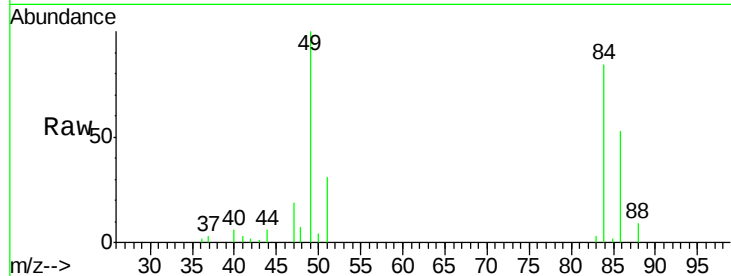
#20
Methvlene Chloride
Concen: 3.448 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#01

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	119.5	94.3	141.5	
51	37.1	29.4	44.2	
86	63.5	51.4	77.0	

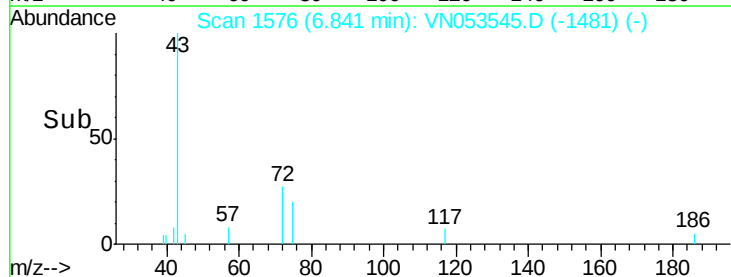
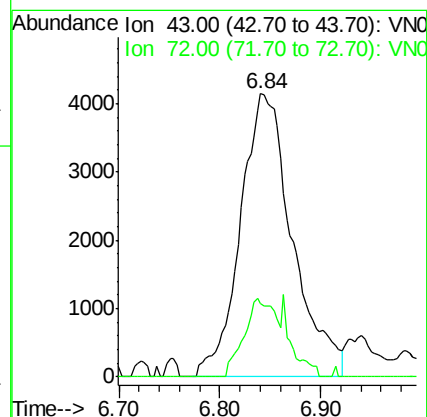
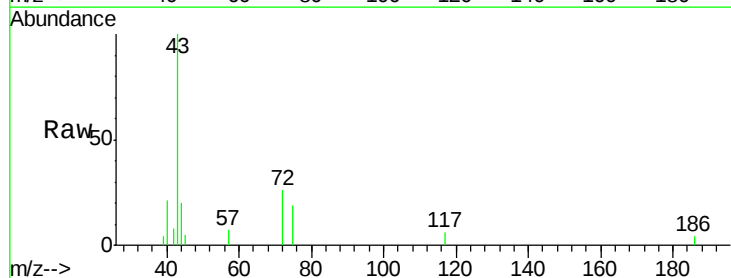
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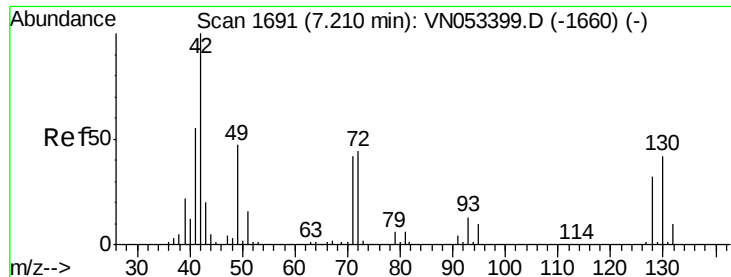
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#25
2-Butanone
Concen: 4.480 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
72	26.0	22.0	33.0	





#29

Tetrahydrofuran

Concen: 6.960 ug/l m

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

Tot Ion: 42 Resp: 15007

Ion Ratio Lower Upper

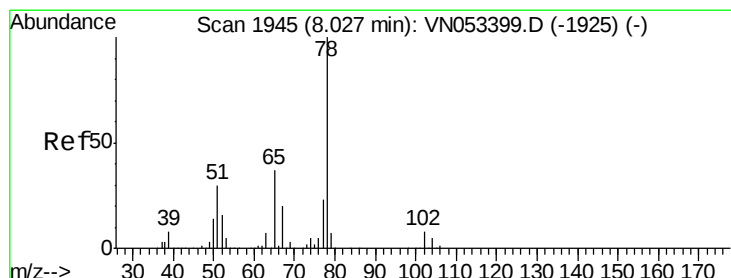
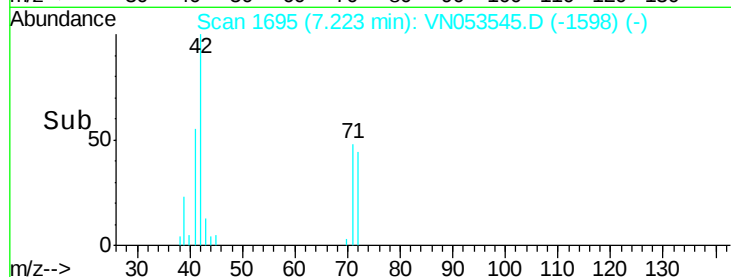
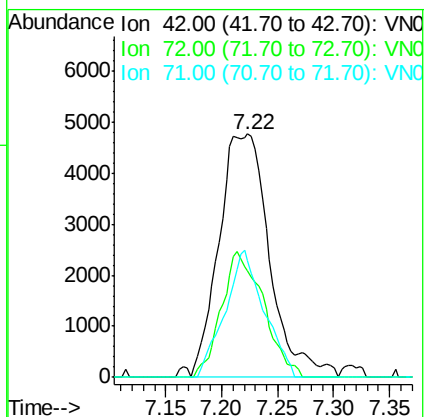
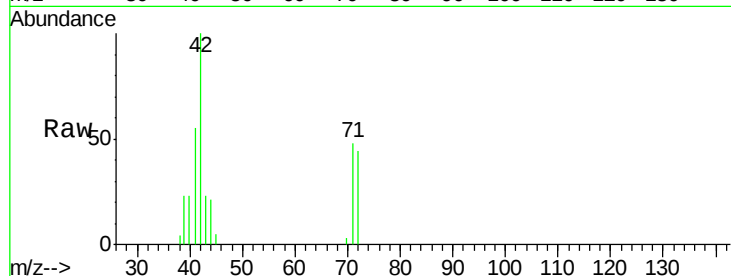
42 100

72 42.7 35.2 52.8

71 40.3 33.0 49.4

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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: VN053545.D

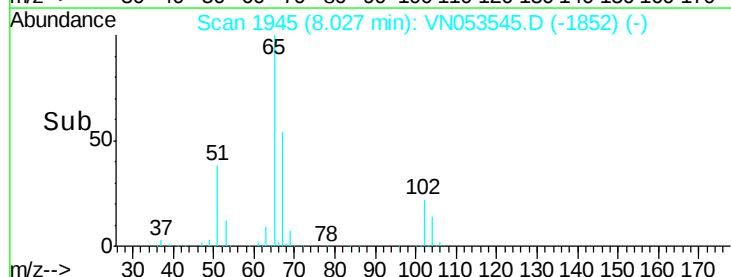
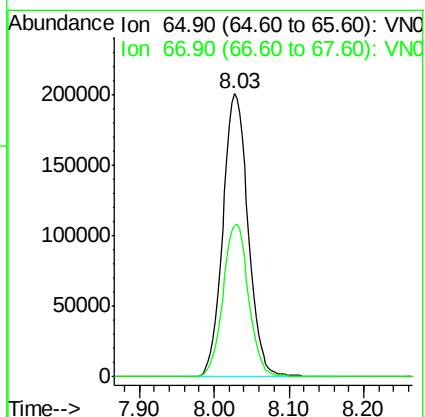
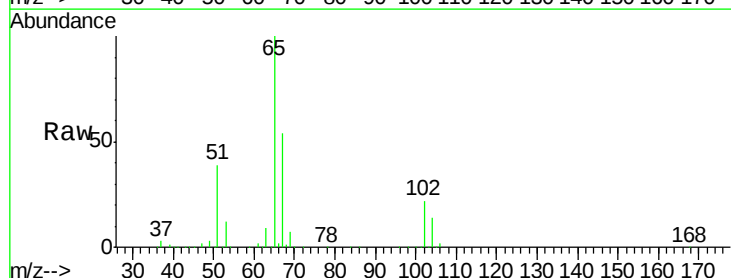
Acq: 28 Jan 2019 15:01

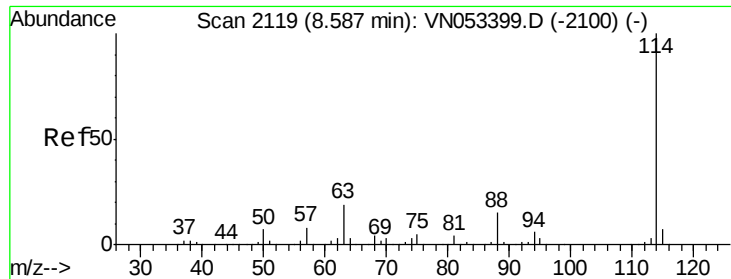
Tgt Ion: 65 Resp: 470232

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

Tot Ion:114 Resp: 1451454

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

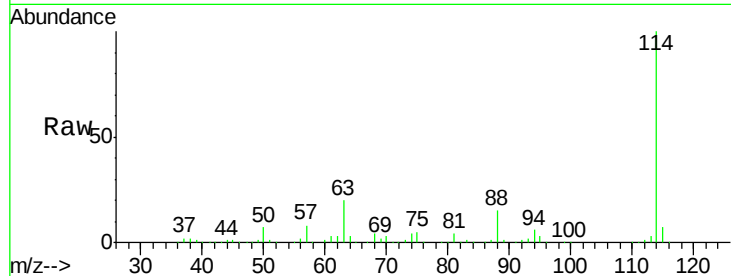
88 15.4 0.0 30.4

Manual Integrations

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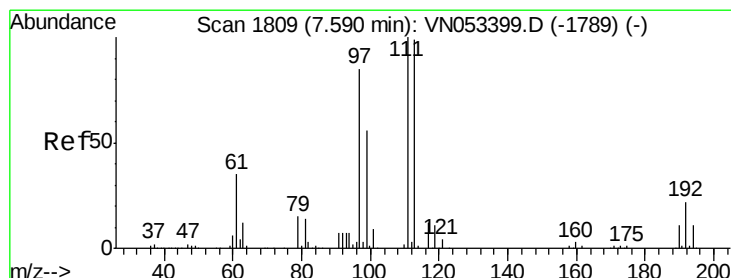
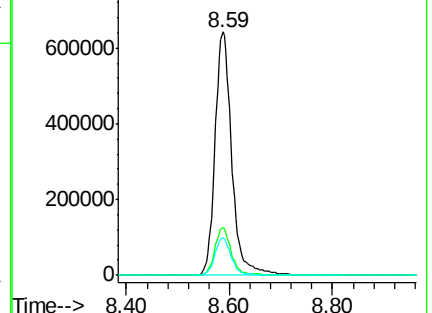
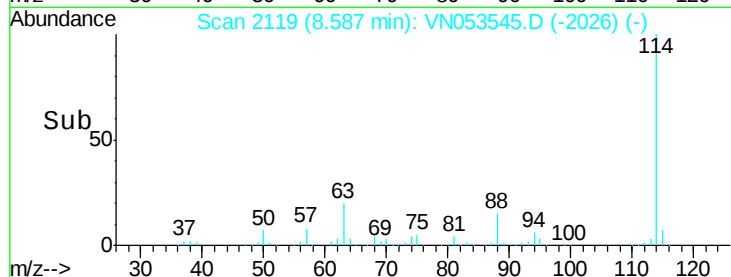
1/29/2019 9:52:51 AM



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: VN053545.D

Acq: 28 Jan 2019 15:01

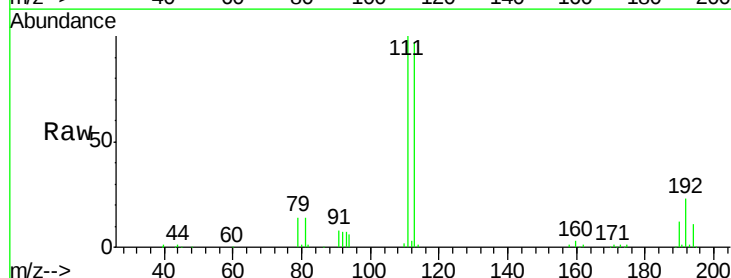
Tgt Ion:113 Resp: 453582

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

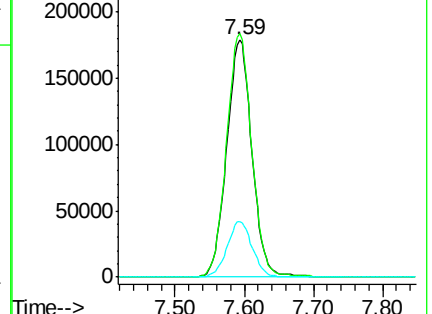
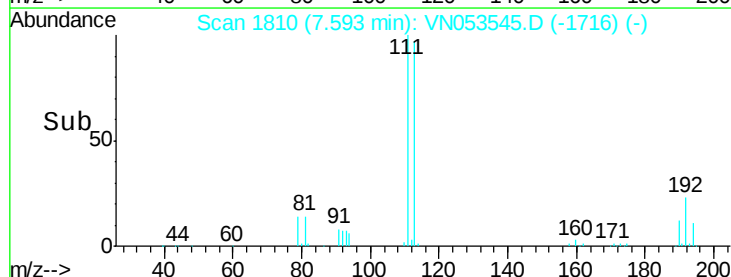
192 23.2 18.2 27.2

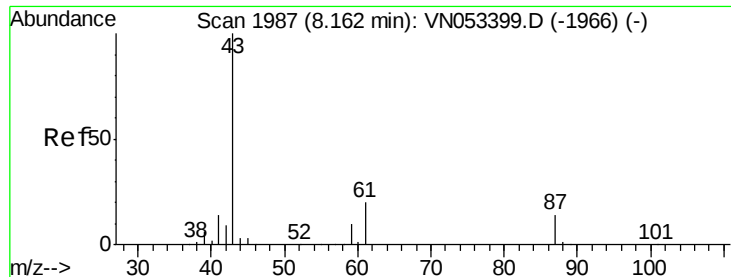


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.913 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

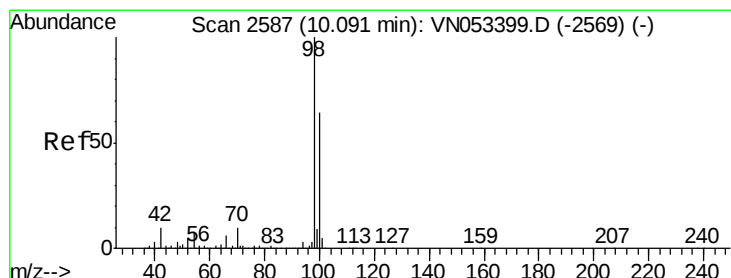
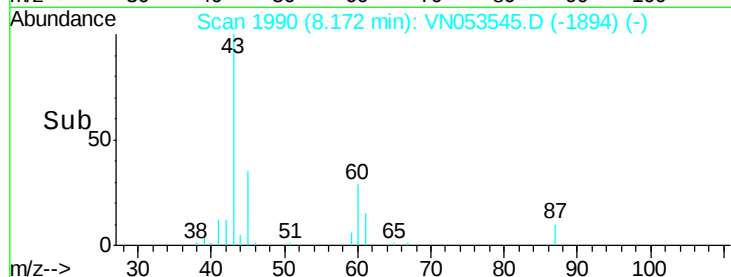
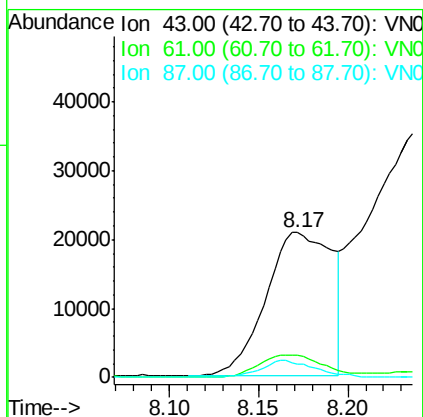
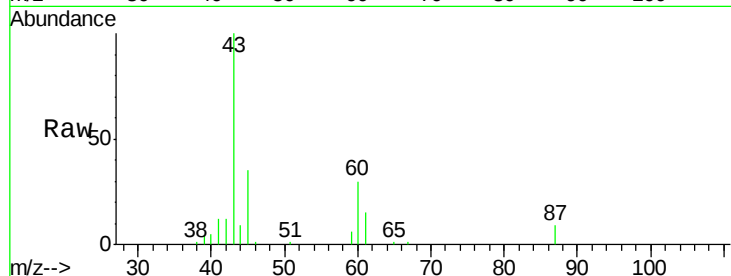
ClientSampleId :

PB116640ZHE#01

Tot Ion:	43	Resp:	53512
Ion	Ratio	Lower	Upper
43	100		
61	15.9	23.9	35.9#
87	9.5	11.0	16.6#

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#50

Toluene-d8

Concen: N.D. ug/l

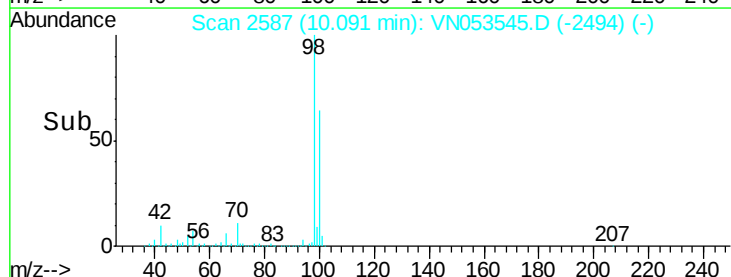
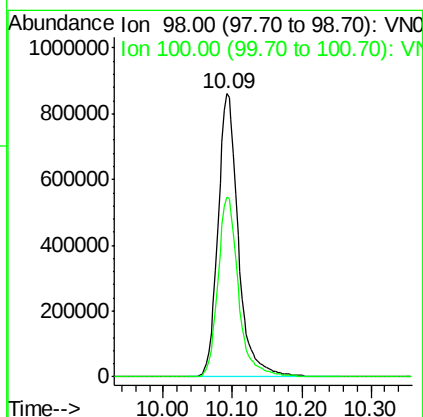
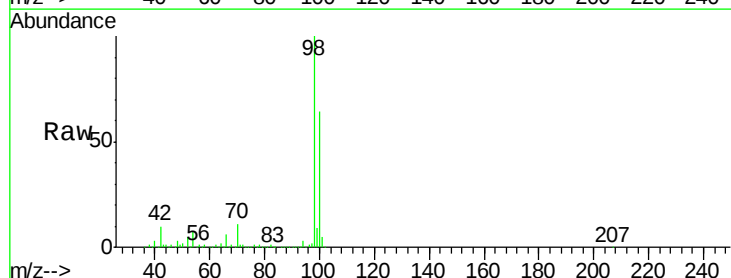
RT: 10.09 min Scan# 2587

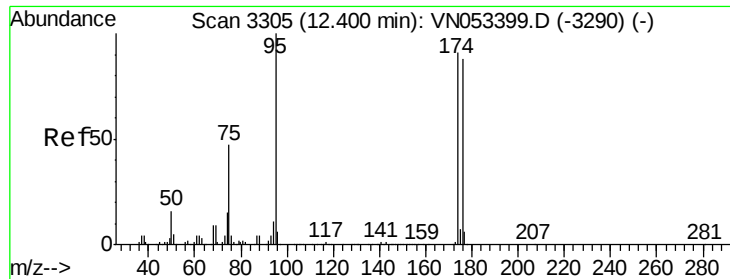
Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Tgt Ion:	98	Resp:	1753810
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

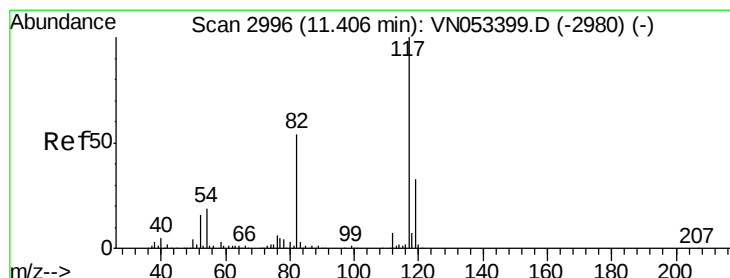
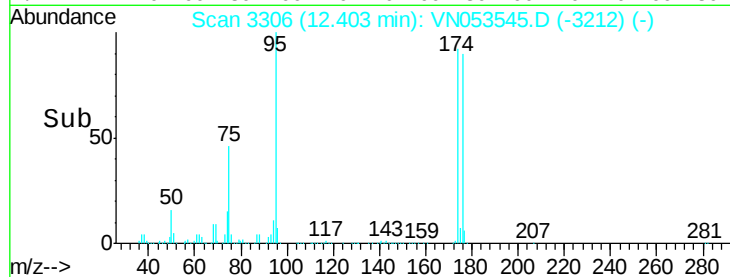
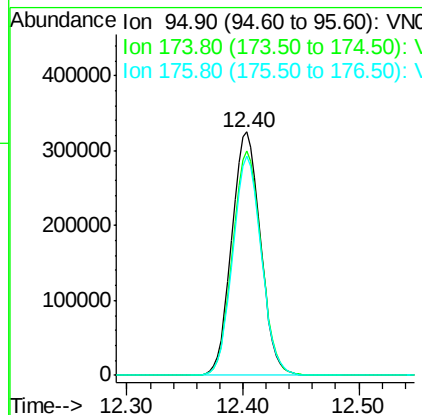
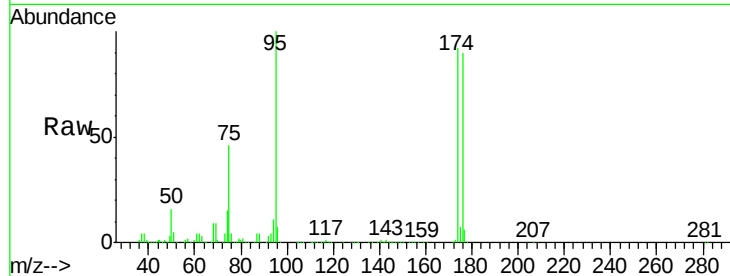
ClientSampleId :

PB116640ZHE#01

Tot Ion:	95	Resp:	555046
Ion Ratio	Lower	Upper	
95	100		
174	92.0	0.0	183.2
176	89.2	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

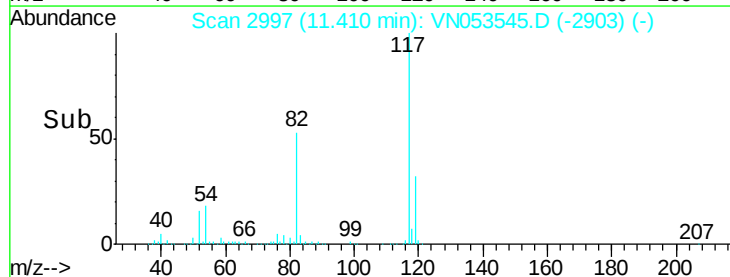
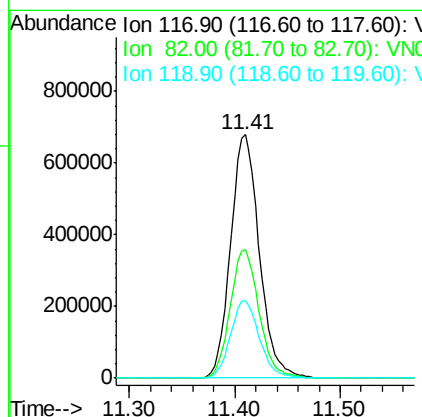
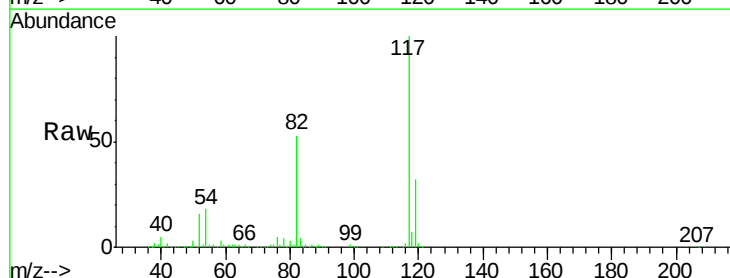
RT: 11.41 min Scan# 2997

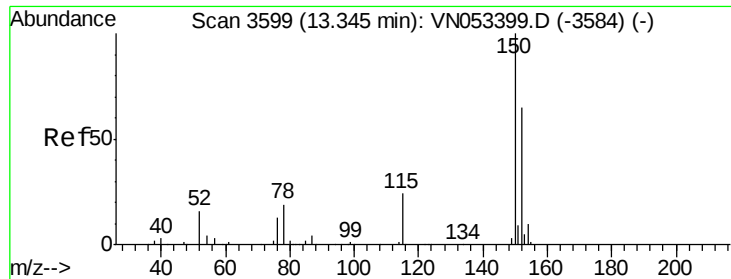
Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Tgt Ion:	117	Resp:	1281254
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.9	64.3
119	32.0	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

Tot Ion:152 Resp: 499933

Ion Ratio Lower Upper

152 100

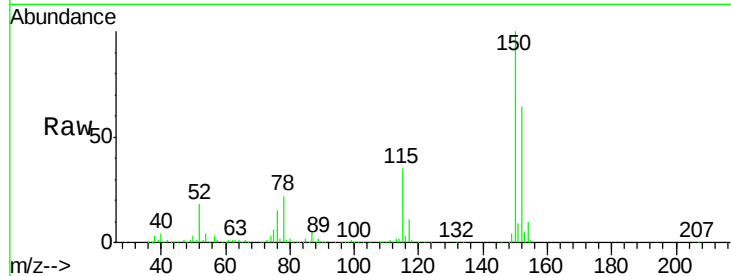
115 55.9 27.8 83.4

150 156.6 0.0 349.0

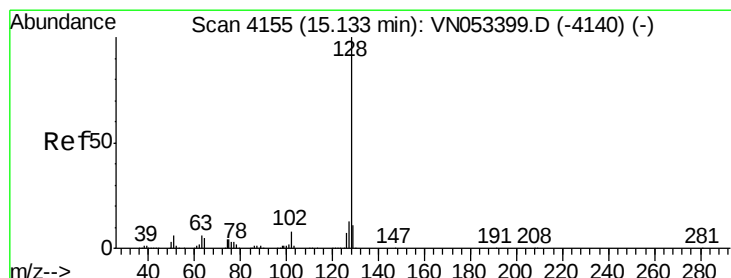
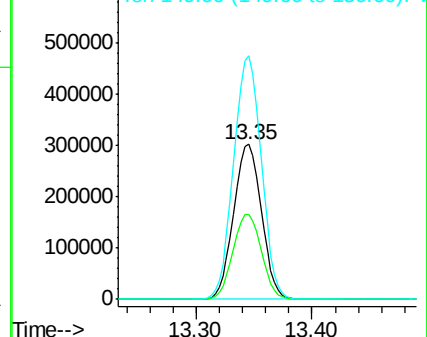
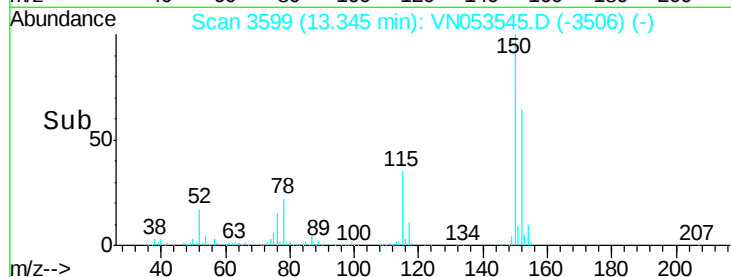
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 4.487 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

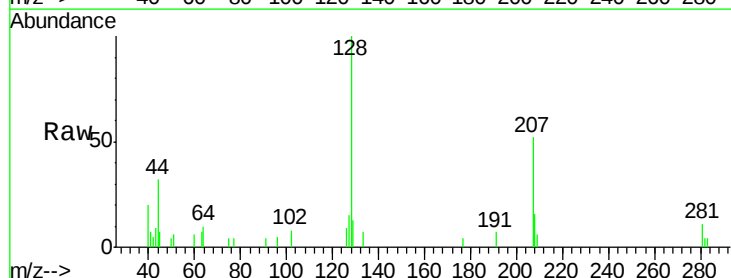
Tgt Ion:128 Resp: 7195

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 12.1 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

