

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN053999.D
 Acq On : 28 Feb 2019 13:00
 Operator : JC/SP
 Sample : K1645-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SR-9-S

Manual Integrations
 APPROVED

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 3/1/2019 4:10:25 PM

Quant Time: Mar 01 04:31:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	578769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1087427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1077218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	398206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	391617	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	7.59	113	352111	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.09	98	1390568	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.40	95	466188	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
Target Compounds						
20) Methylene Chloride	4.55	84	441695	65.780	ug/l	90
43) Isopropyl Acetate	8.17	43	35312m	2.896	ug/l	
95) Naphthalene	15.13	128	15286	4.119	ug/l	97

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

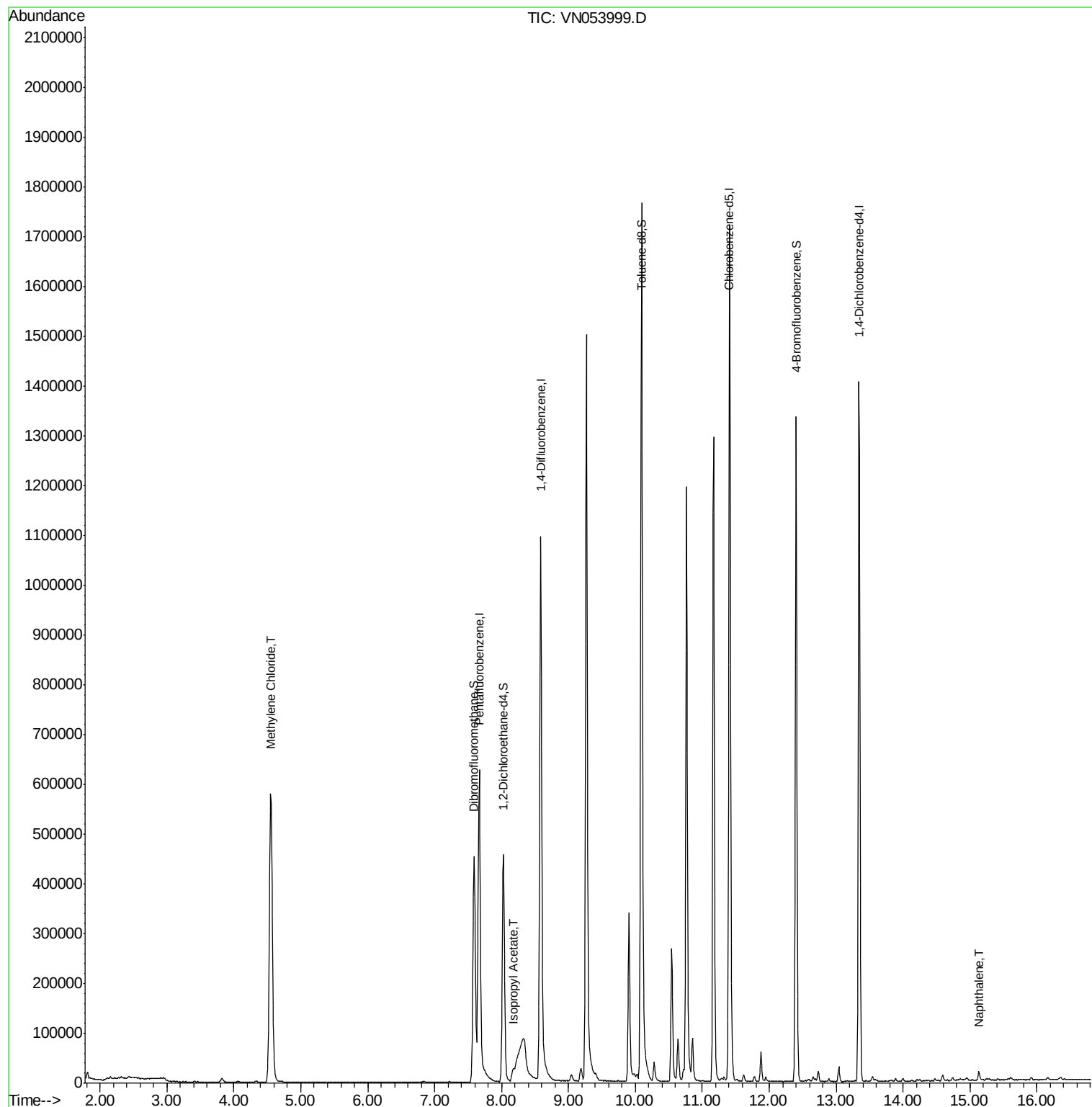
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Data File : VN053999.D
Acq On : 28 Feb 2019 13:00
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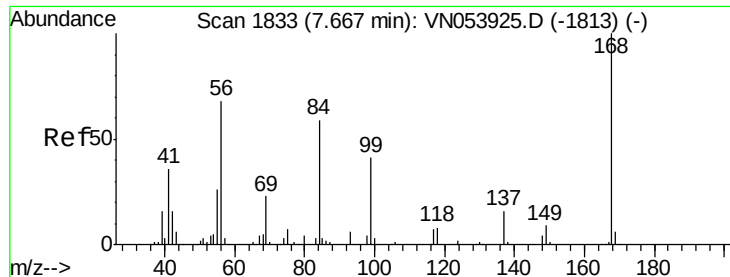
Instrument :
MSVOA_N
ClientSampleId :
SR-9-S

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Quant Time: Mar 01 04:31:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 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: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

SR-9-S

Tot Ion:168 Resp: 578769

Ion Ratio Lower Upper

168 100

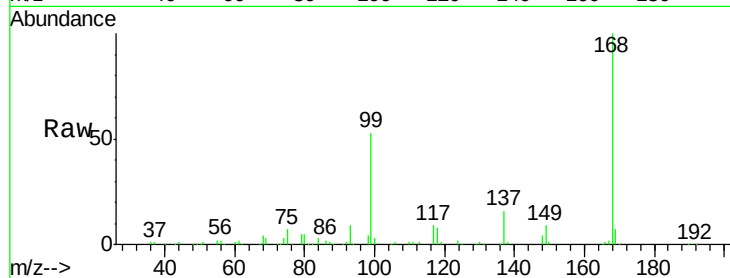
99 53.3 36.9 55.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

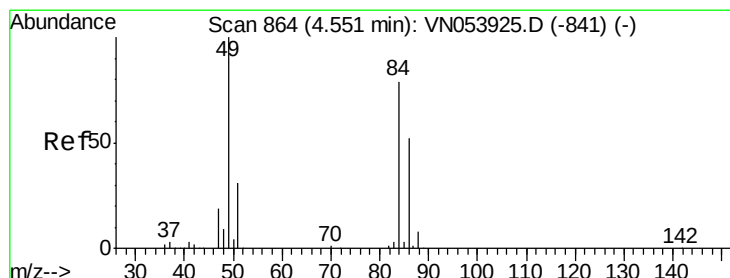
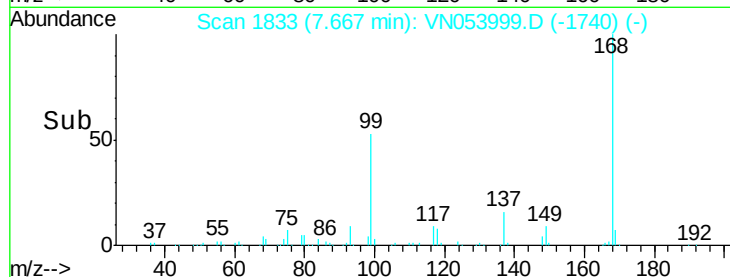
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 65.780 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Tgt Ion: 84 Resp: 441695

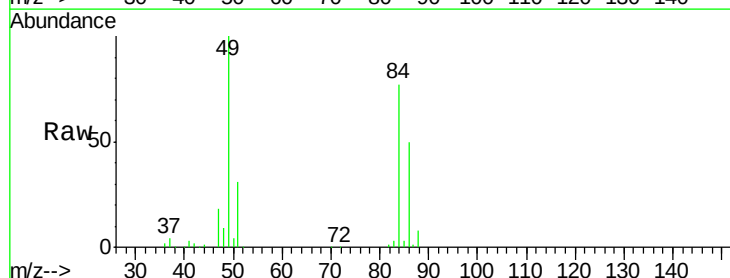
Ion Ratio Lower Upper

84 100

49 129.4 89.7 134.5

51 39.6 27.8 41.8

86 65.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

250000

200000

150000

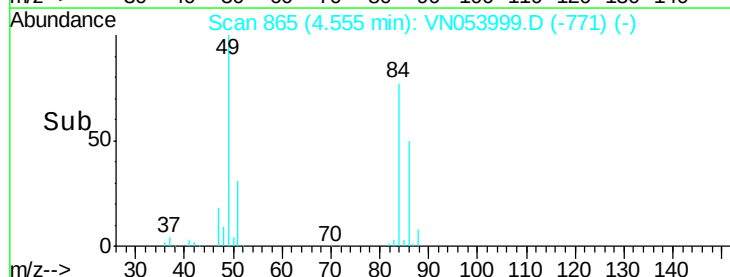
100000

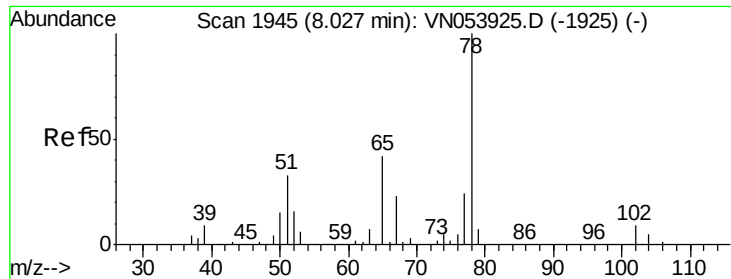
50000

0

4.40 4.50 4.60 4.70

Time-->





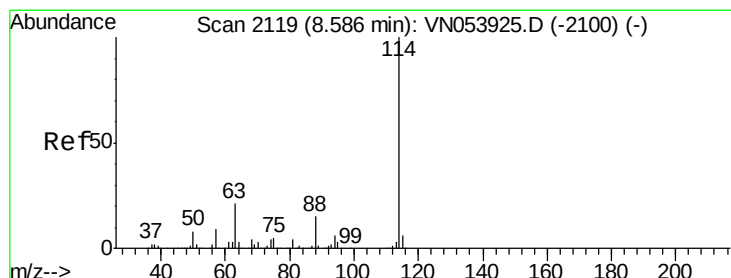
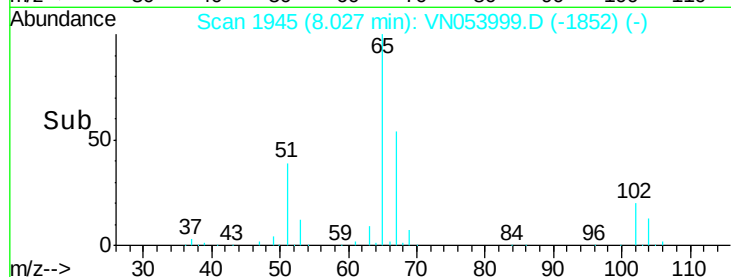
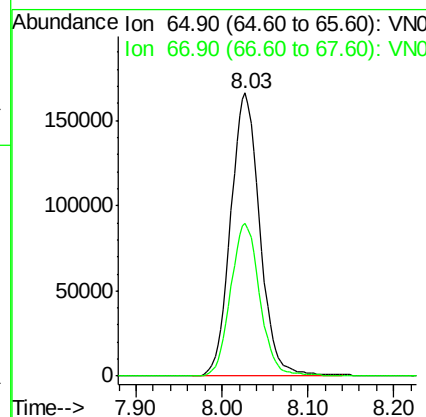
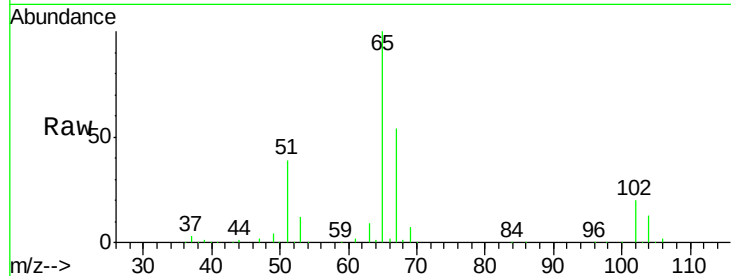
#33
 1,2-Dichloroethane-d4
 Concen: 57.723 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 SR-9-S

Tot Ion	Ratio	Resp	Lower	Upper
65	100	391617		
67	54.1	0.0	111.8	

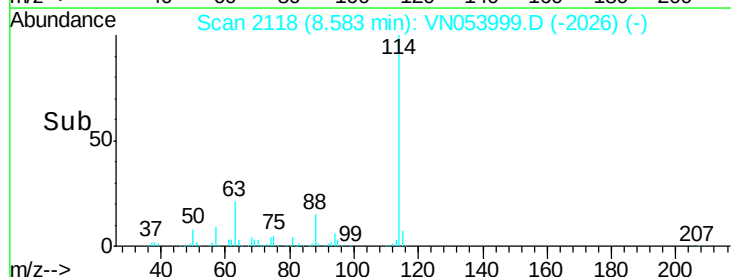
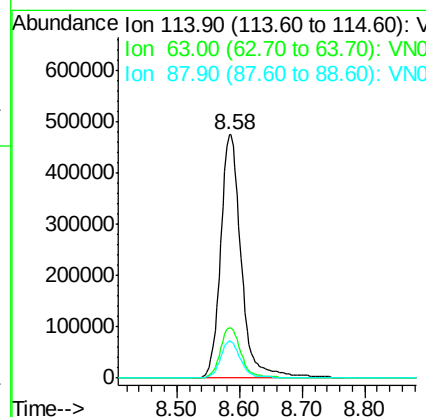
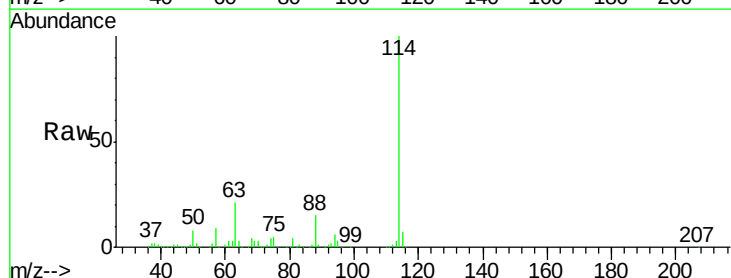
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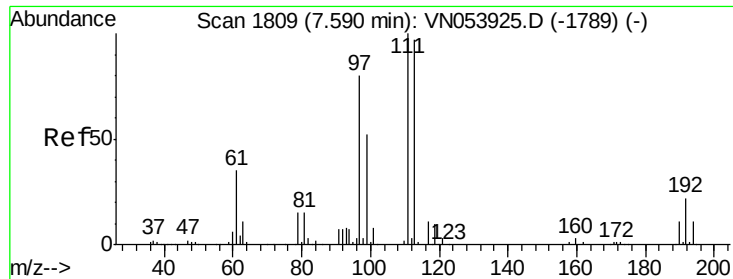
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1087427		
63	20.6	0.0	37.4	
88	15.2	0.0	30.4	





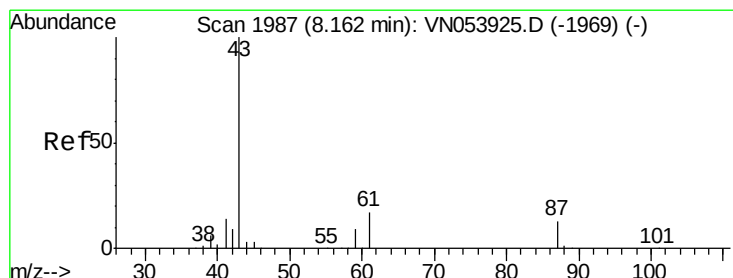
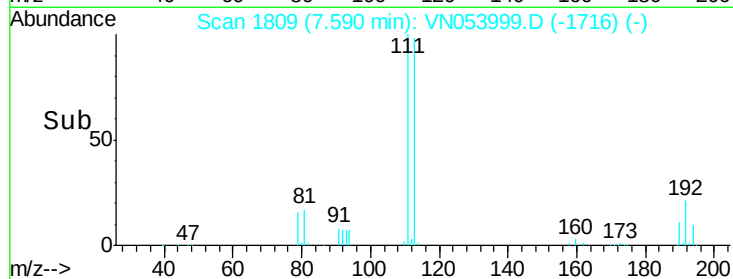
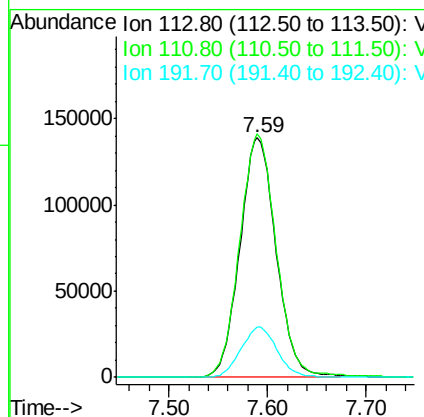
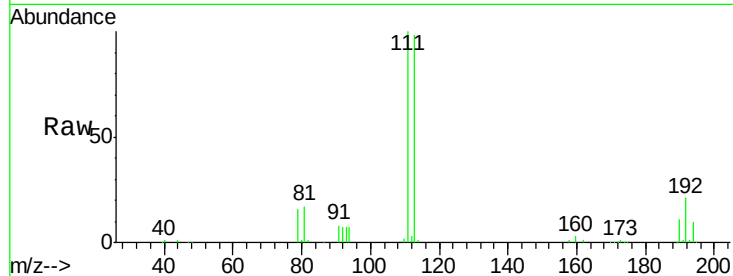
#35
 Dibromofluoromethane
 Concen: 50.073 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 SR-9-S

Tot Ion	Ratio	Resp	Lower	Upper
113	100	352111		
111	102.6	81.1	121.7	
192	21.1	18.8	28.2	

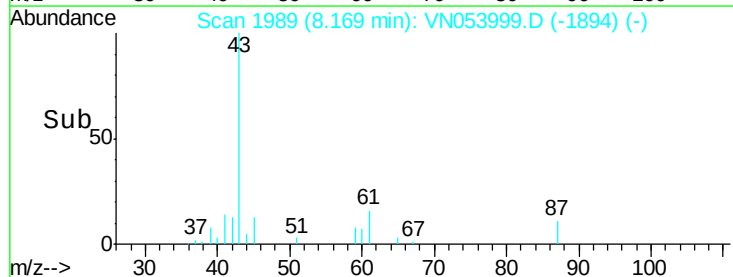
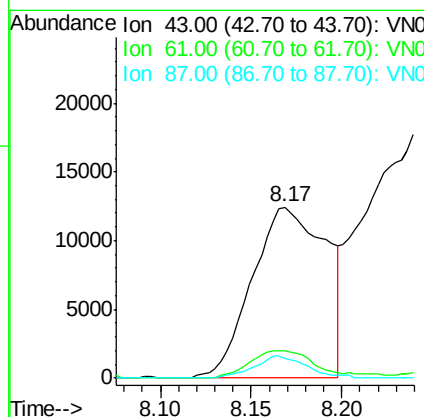
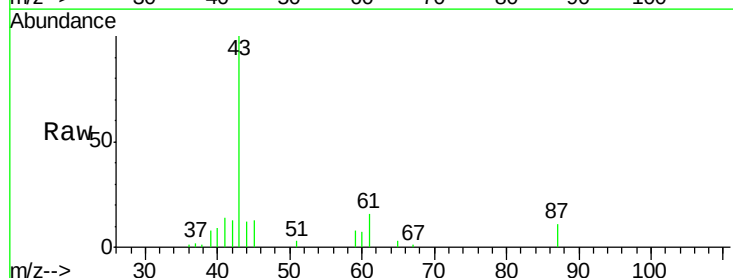
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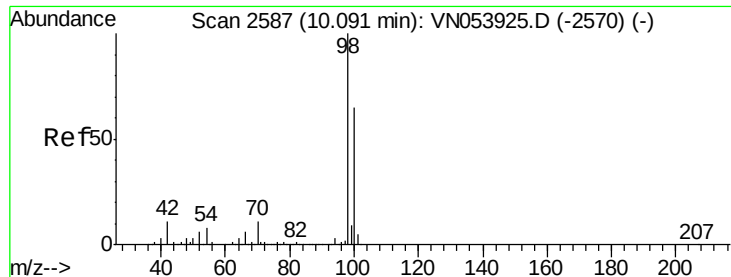
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#43
 Isopropyl Acetate
 Concen: 2.896 ug/l m
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	35312		
61	0.0	17.4	26.0#	
87	0.0	11.5	17.3#	





#50

Toluene-d8

Concen: 53.122 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

SR-9-S

Tot Ion: 98 Resp: 1390568

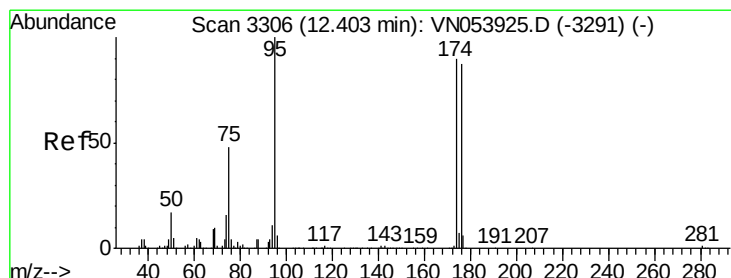
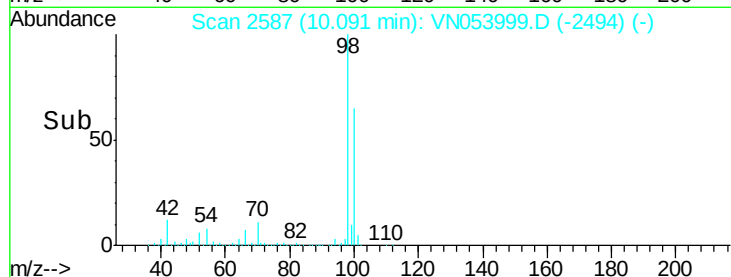
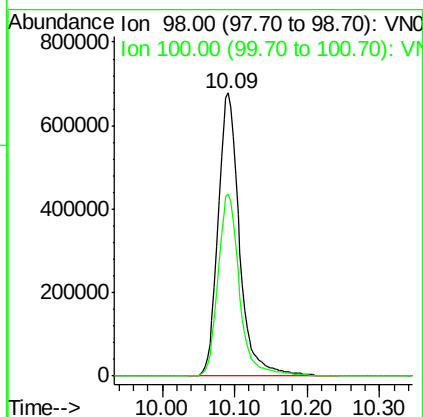
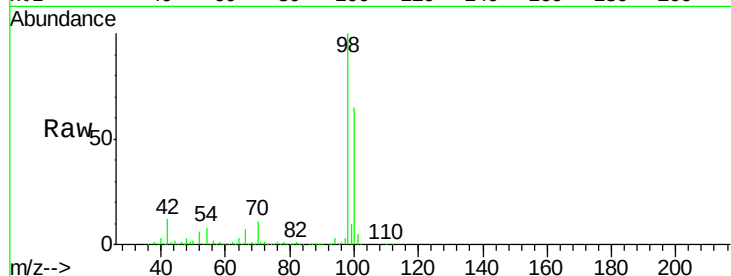
Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9

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#62

4-Bromofluorobenzene

Concen: 53.454 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

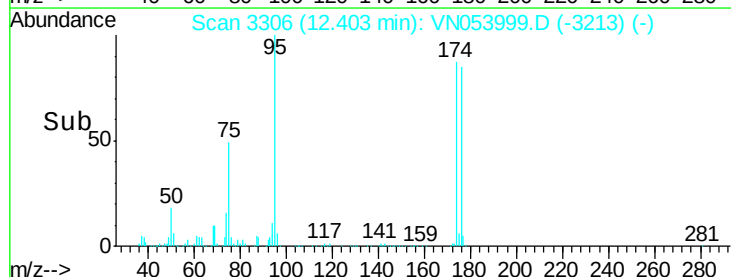
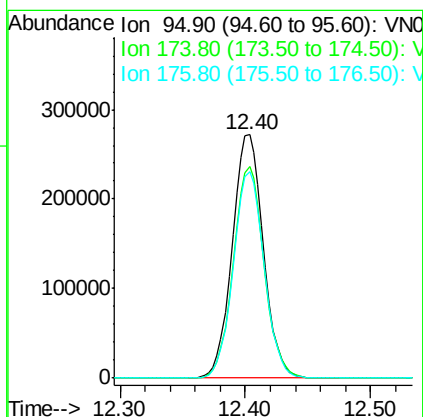
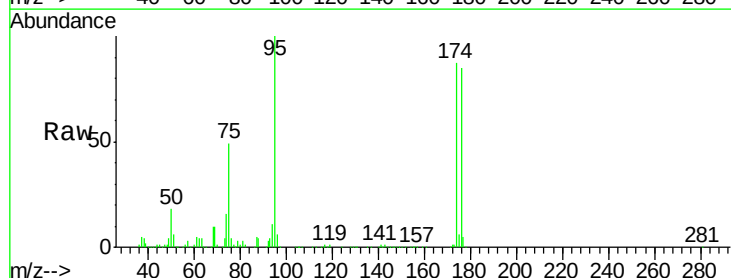
Tgt Ion: 95 Resp: 466188

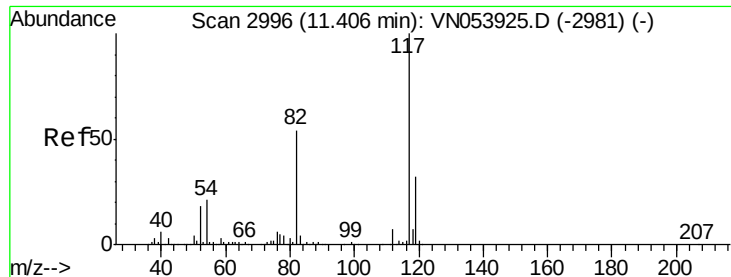
Ion Ratio Lower Upper

95 100

174 86.3 0.0 188.8

176 84.4 0.0 182.6





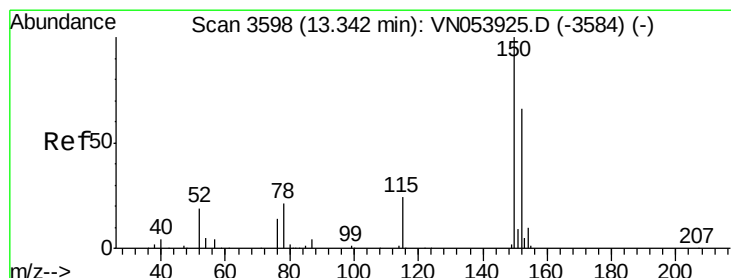
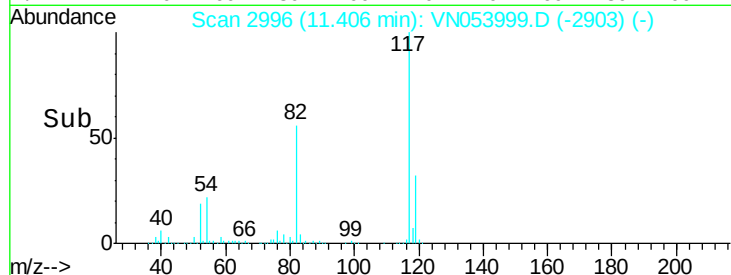
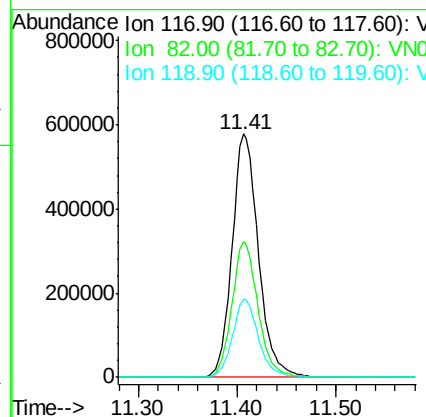
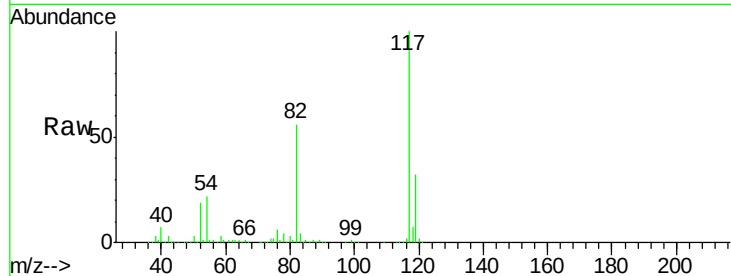
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

Instrument :
MSVOA_N
ClientSampled :
SR-9-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	41.4	62.2
119	32.0	25.3	37.9

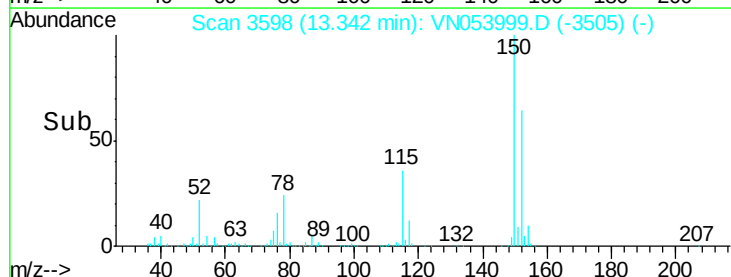
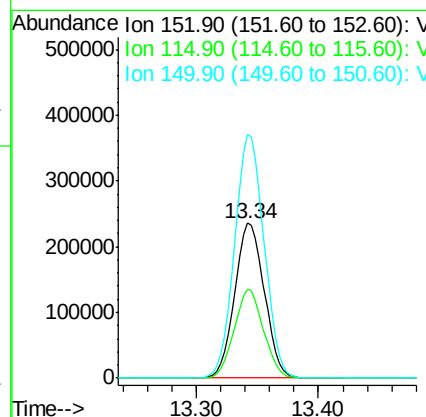
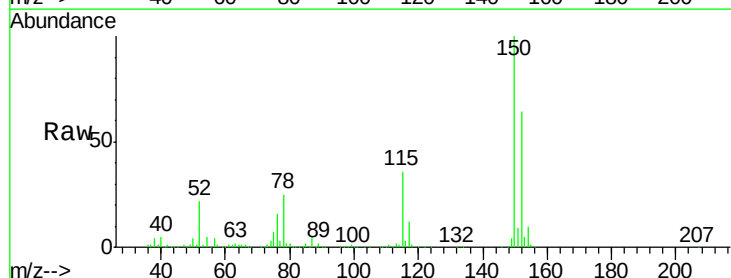
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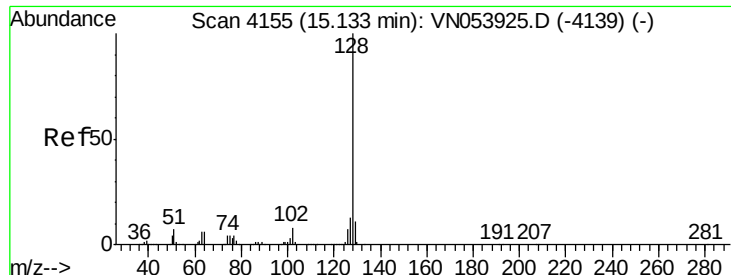
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.2	81.6
150	156.5	0.0	348.2





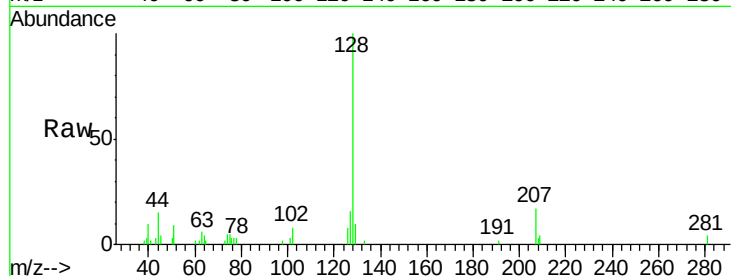
#95
Naphthalene
Concen: 4.119 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

Instrument :
MSVOA_N
ClientSampleId :
SR-9-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	9.3	8.6	12.8

Manual Integrations
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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

