

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053733.D
 Acq On : 12 Feb 2019 16:27
 Operator : JC/SP
 Sample : K1459-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-10-D

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:15:22 PM

Quant Time: Feb 13 05:50:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	729554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1209342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1116130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	459070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	387989	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.59	113	382697	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	1466599	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	511776	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
Target Compounds						
16) Acetone	3.82	43	13047	6.950	ug/l	90
20) Methylene Chloride	4.55	84	700004	88.878	ug/l	98
43) Isopropyl Acetate	8.18	43	28562m	2.429	ug/l	
95) Naphthalene	15.13	128	18024	2.599	ug/l	99

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

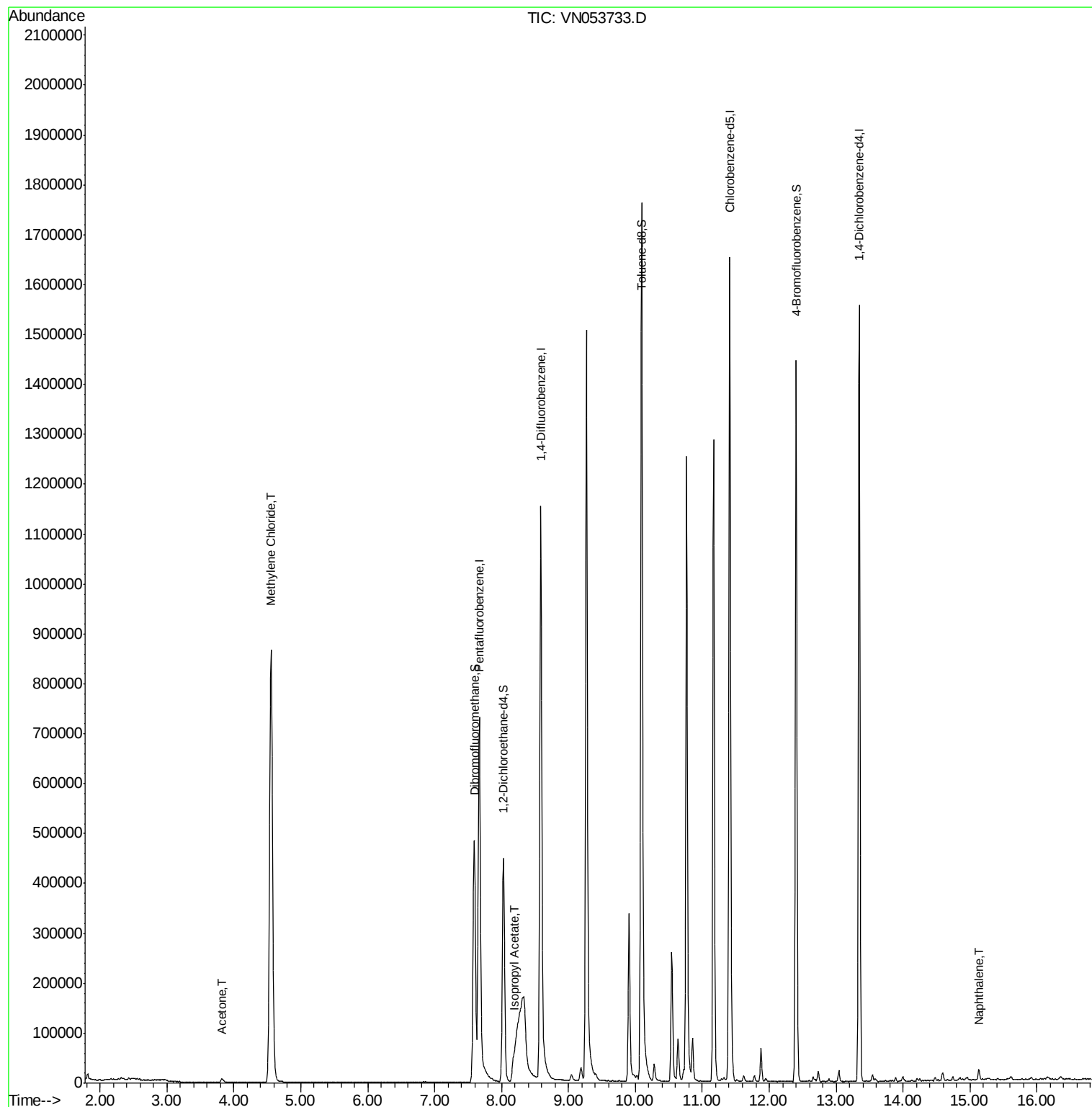
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053733.D
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Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053733.D

Acq: 12 Feb 2019 16:27

Instrument :

MSVOA_N

ClientSampleId :

M-10-D

Tot Ion:168 Resp: 729554

Ion Ratio Lower Upper

168 100

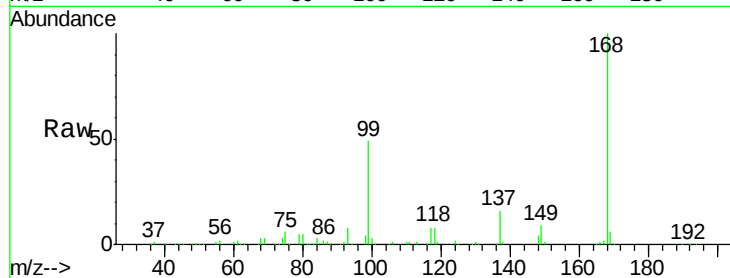
99 49.3 39.1 58.7

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

300000

250000

200000

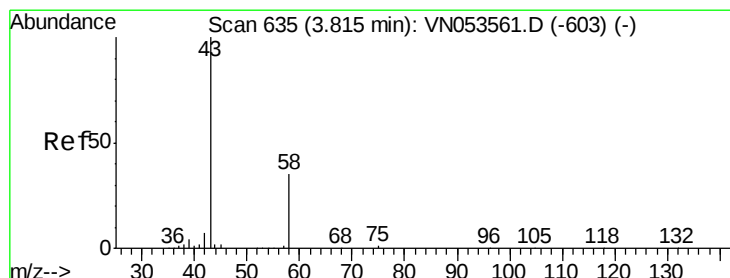
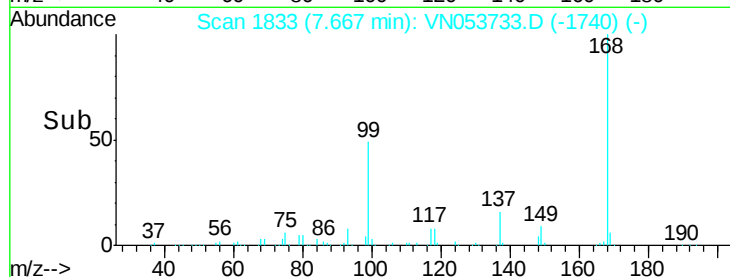
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.950 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053733.D

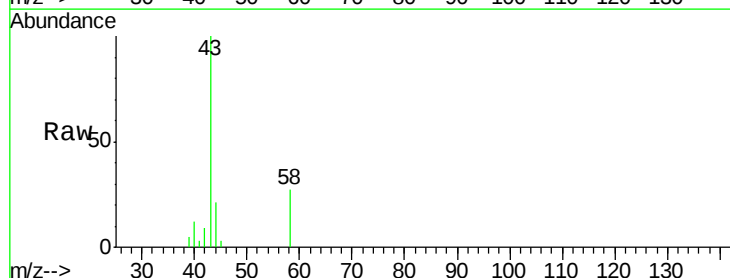
Acq: 12 Feb 2019 16:27

Tgt Ion: 43 Resp: 13047

Ion Ratio Lower Upper

43 100

58 28.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

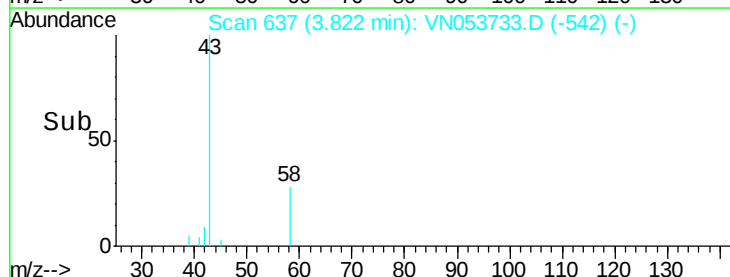
3000

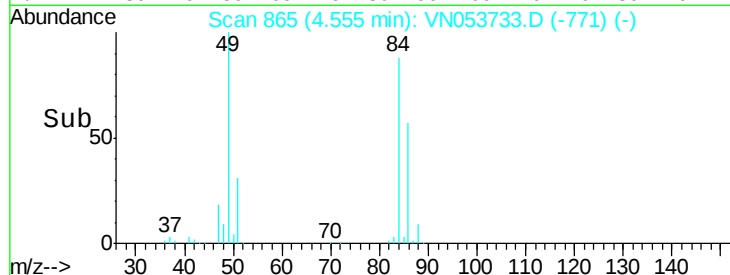
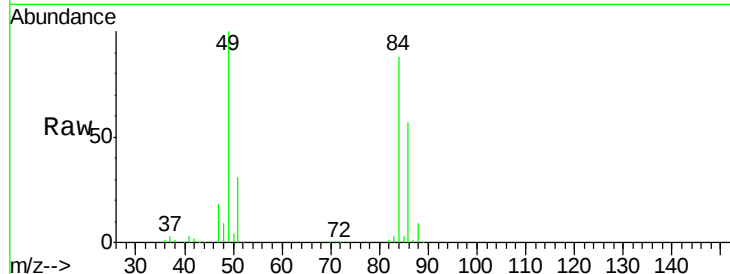
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





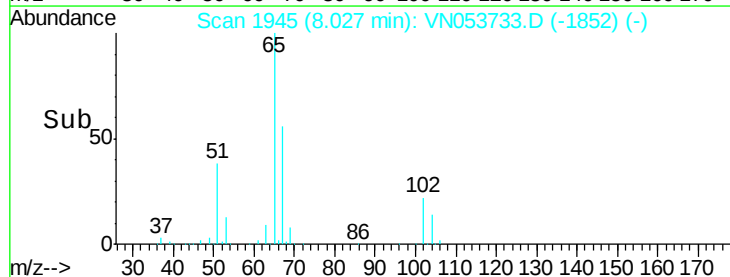
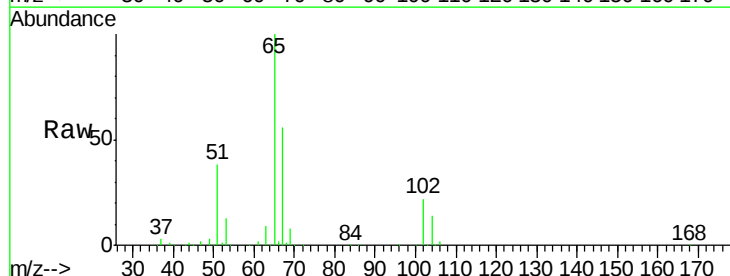
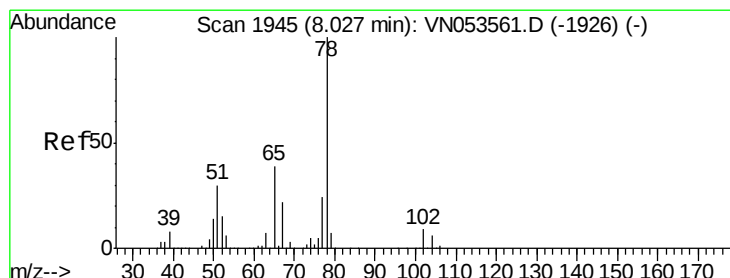
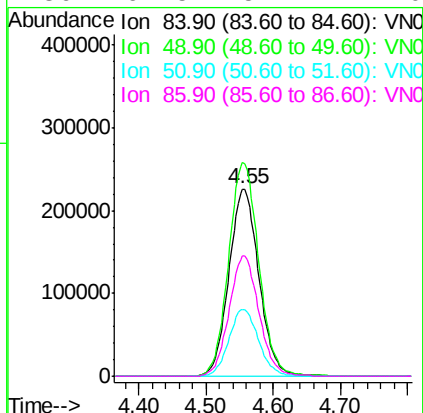
#20
Methvlene Chloride
Concen: 88.878 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053733.D
Acq: 12 Feb 2019 16:27

Tot Ion	84	Resp	700004
Ion Ratio	Lower	Upper	
84	100		
49	113.9	94.3	141.5
51	35.8	29.4	44.2
86	64.5	51.4	77.0

Instrument :
MSVOA_N
ClientSampleId :
M-10-D

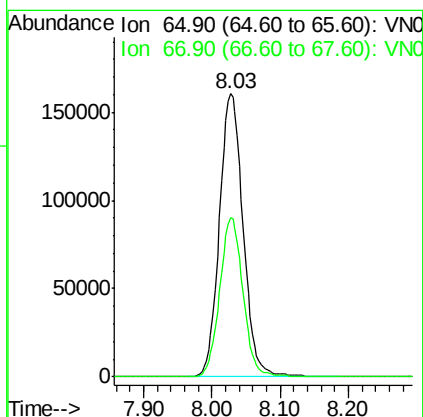
Manual Integrations
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#33
1,2-Dichloroethane-d4
Concen: 53.012 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053733.D
Acq: 12 Feb 2019 16:27

Tgt Ion	65	Resp	387989
Ion Ratio	Lower	Upper	
65	100		
67	55.4	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: VN053733.D

Acq: 12 Feb 2019 16:27

Instrument :

MSVOA_N

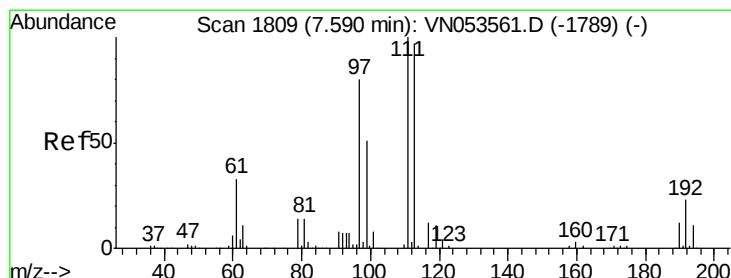
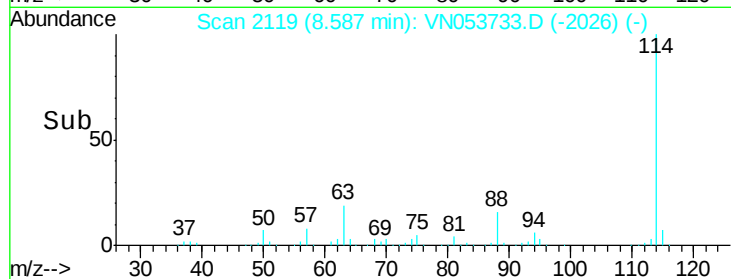
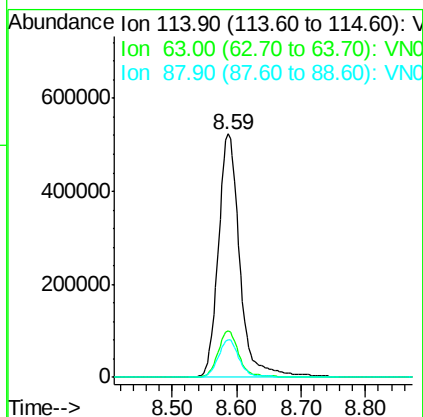
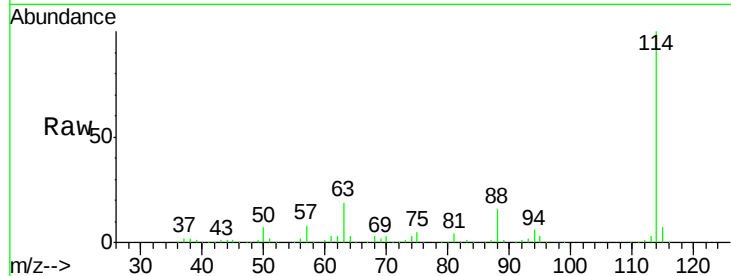
ClientSampleId :

M-10-D

Tot Ion:	114	Resp:	1209342
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.5	0.0	30.4

Manual Integrations
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#35

Dibromofluoromethane

Concen: 50.082 ug/l

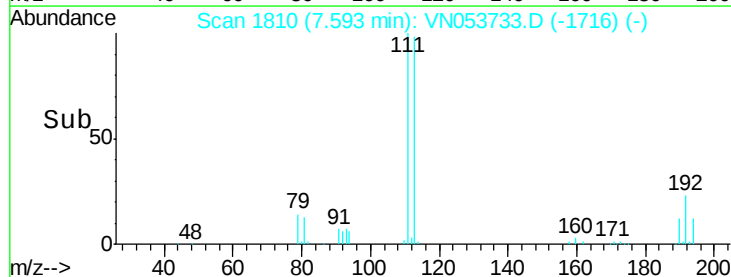
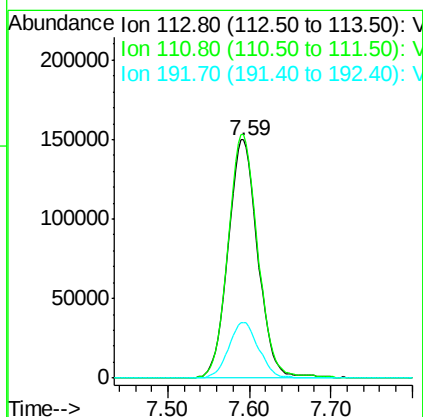
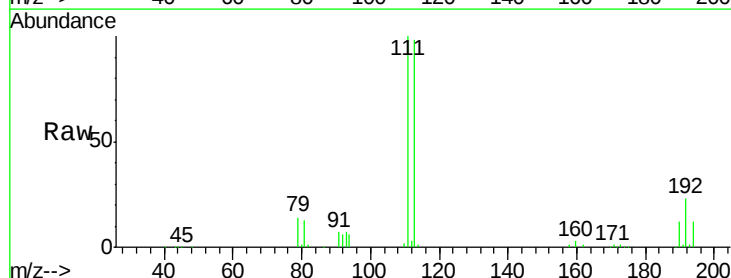
RT: 7.59 min Scan# 1810

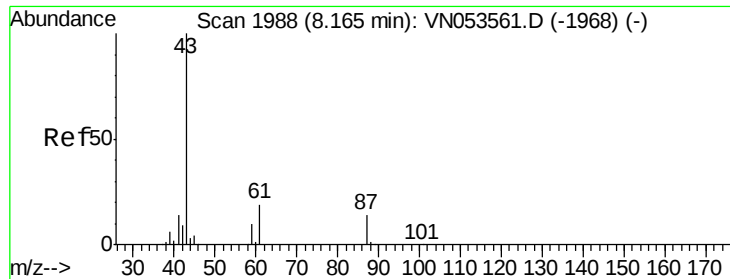
Delta R.T. 0.00 min

Lab File: VN053733.D

Acq: 12 Feb 2019 16:27

Tgt Ion:	113	Resp:	382697
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.6	18.2	27.2





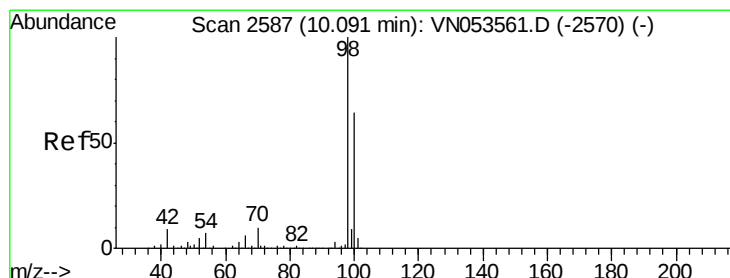
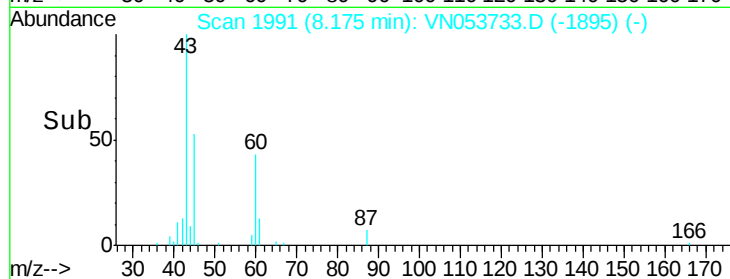
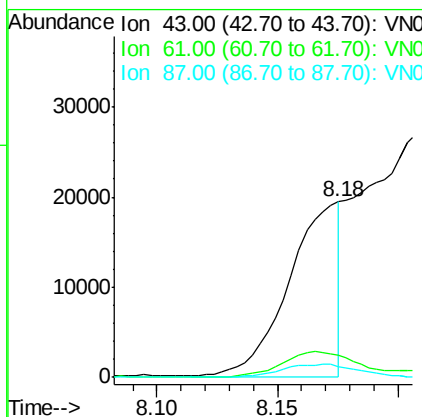
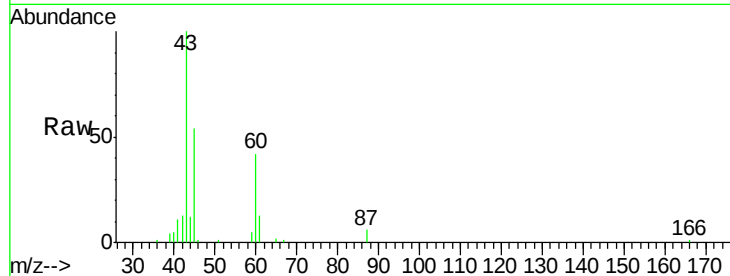
#43
Isopropyl Acetate
Concen: 2.429 ug/l m
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN053733.D
Acq: 12 Feb 2019 16:27

Instrument :
MSVOA_N
ClientSampleId :
M-10-D

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.9	35.9#
87	0.0	11.0	16.6#

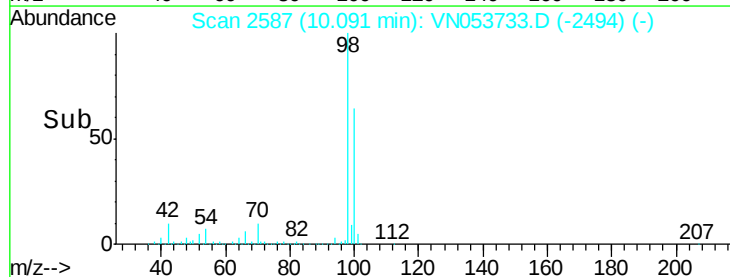
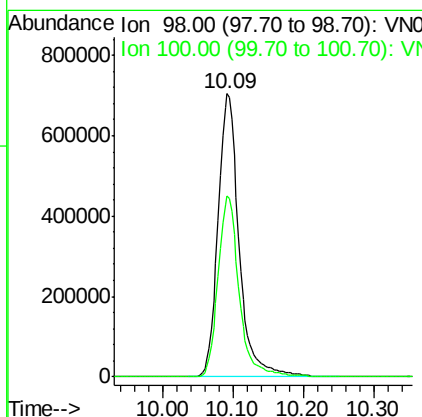
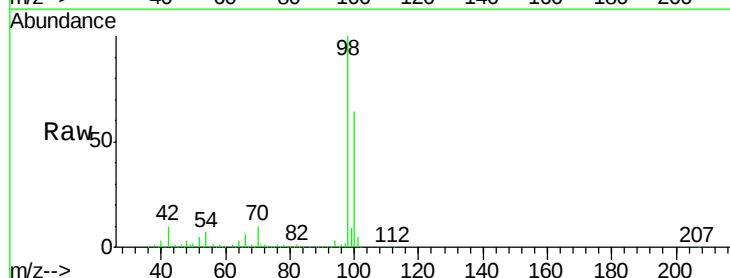
Manual Integrations
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#50
Toluene-d8
Concen: 51.115 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053733.D
Acq: 12 Feb 2019 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 53.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053733.D

Acq: 12 Feb 2019 16:27

Instrument :

MSVOA_N

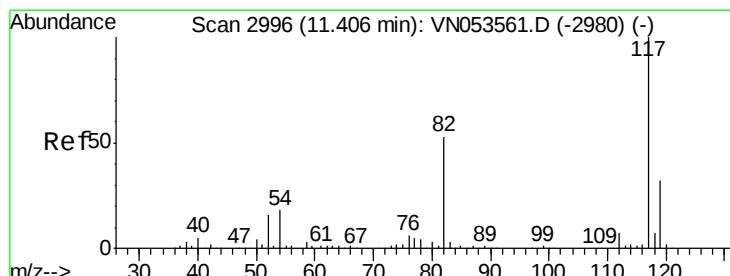
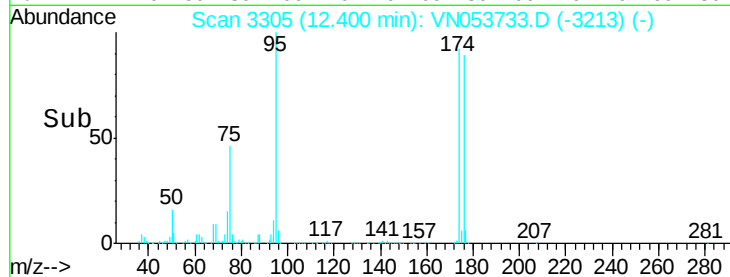
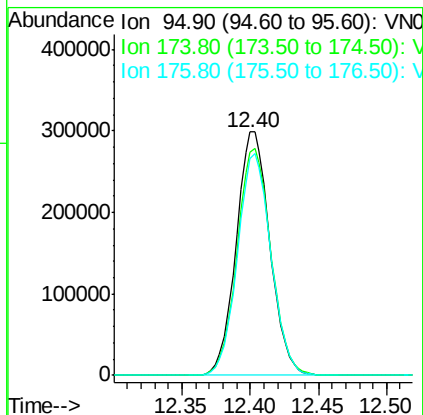
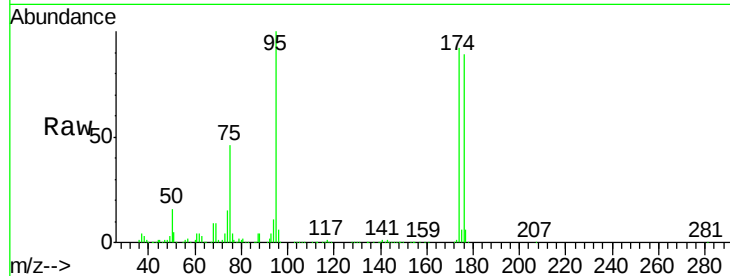
ClientSampleId :

M-10-D

Tot Ion:	95	Resp:	511776
Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	183.2
176	90.7	0.0	177.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

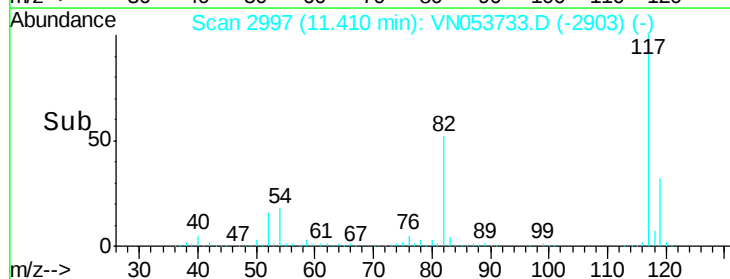
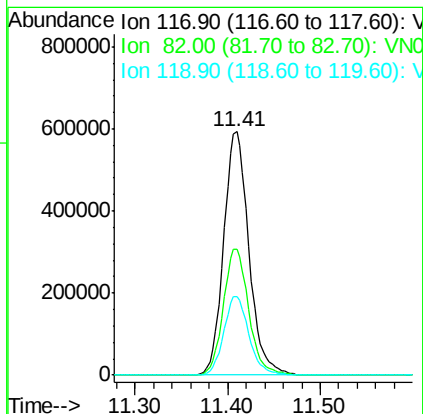
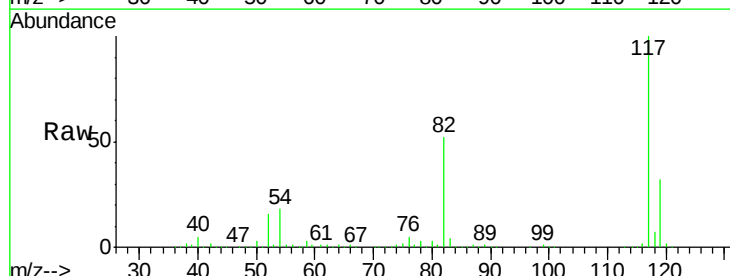
RT: 11.41 min Scan# 2997

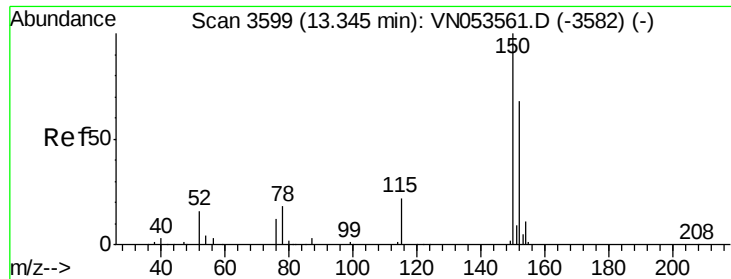
Delta R.T. 0.00 min

Lab File: VN053733.D

Acq: 12 Feb 2019 16:27

Tgt Ion:	117	Resp:	1116130
Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.9	64.3
119	32.5	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: VN053733.D

Acq: 12 Feb 2019 16:27

Instrument :

MSVOA_N

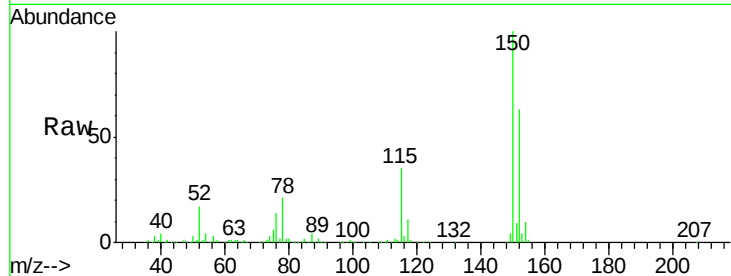
ClientSampled :

M-10-D

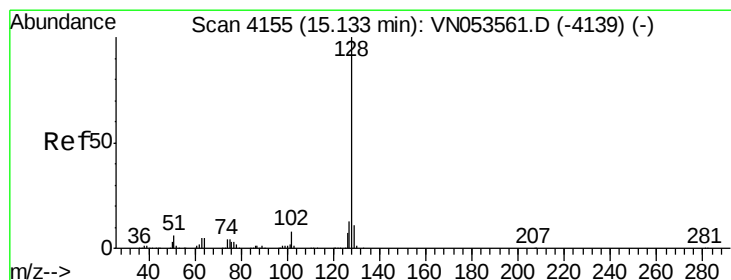
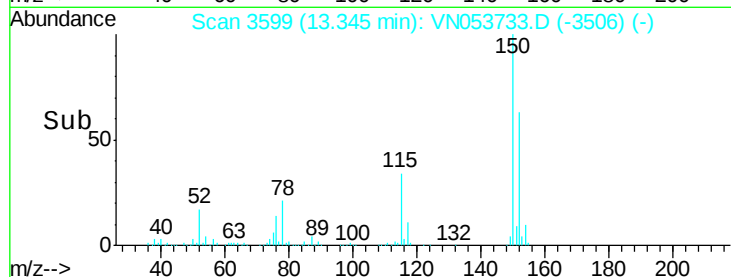
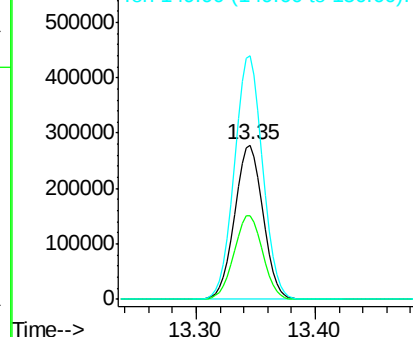
Tot Ion:	152	Resp:	459070
Ion Ratio	Lower	Upper	
152	100		
115	55.1	27.8	83.4
150	156.9	0.0	349.0

Manual Integrations
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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: 2.599 ug/l

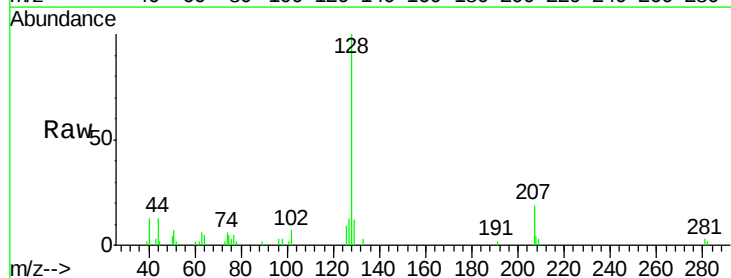
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053733.D

Acq: 12 Feb 2019 16:27

Tgt Ion:	128	Resp:	18024
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.2	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

