

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053901.D
 Acq On : 21 Feb 2019 19:11
 Operator : JC/SP
 Sample : K1546-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-3422

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 10:30:57 AM

Quant Time: Feb 22 02:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	608869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1034645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	973615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	382581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	324103	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.59	113	327739	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	1255782	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.40	95	419086	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
Target Compounds						
16) Acetone	3.82	43	16588	9.693	ug/l	100
20) Methylene Chloride	4.56	84	58473	9.127	ug/l	95
43) Isopropyl Acetate	8.18	43	21464m	2.122	ug/l	
95) Naphthalene	15.14	128	5184	4.922	ug/l #	92

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

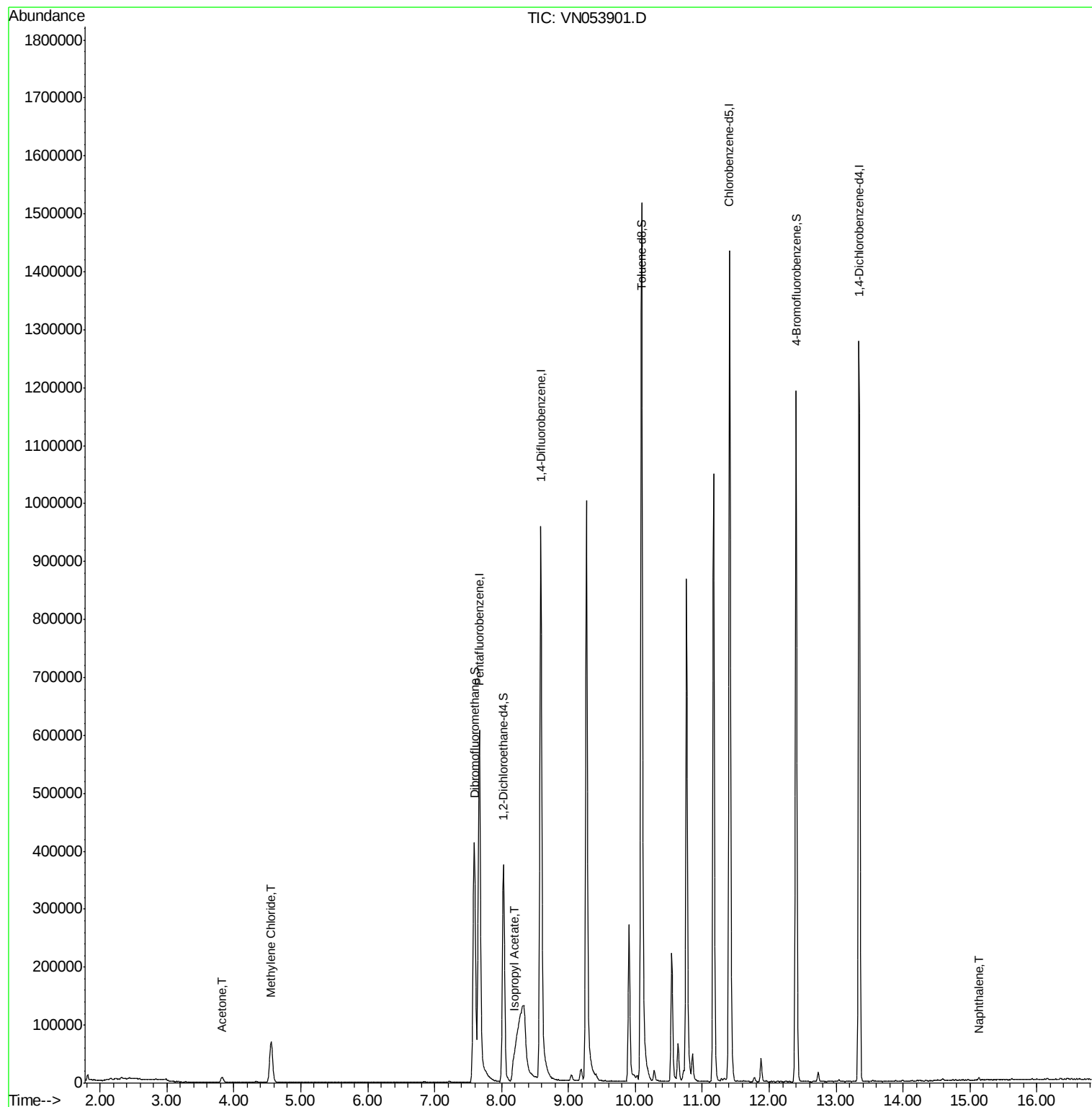
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053901.D
Acq On : 21 Feb 2019 19:11
Operator : JC/SP
Sample : K1546-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

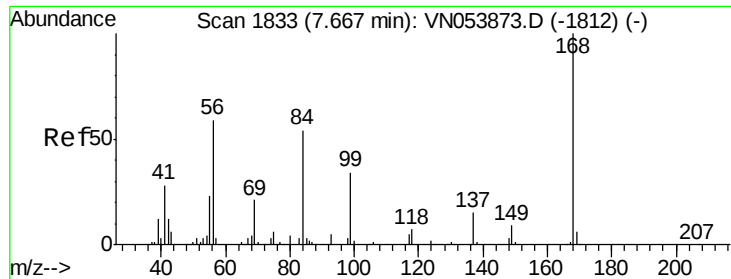
Instrument :
MSVOA_N
ClientSampleId :
RT-3422

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Quant Time: Feb 22 02:48:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 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: VN053901.D

Acq: 21 Feb 2019 19:11

Instrument :

MSVOA_N

ClientSampled :

RT-3422

Tot Ion:168 Resp: 608869

Ion Ratio Lower Upper

168 100

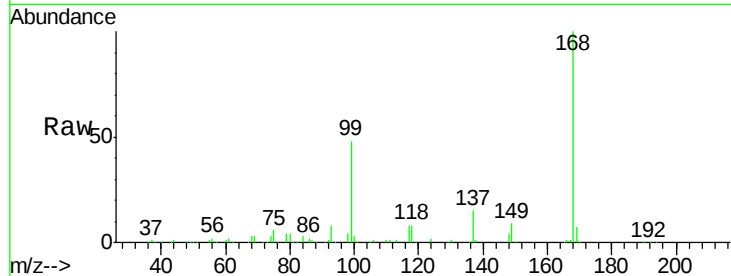
99 48.2 36.9 55.3

Manual Integrations

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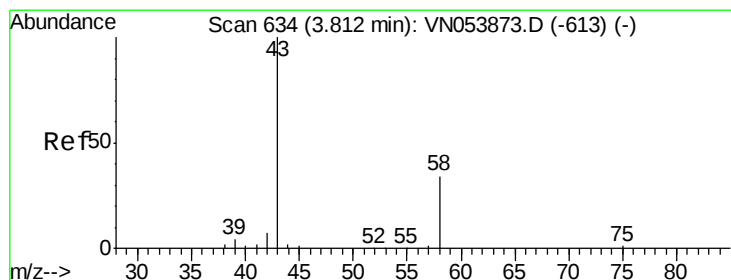
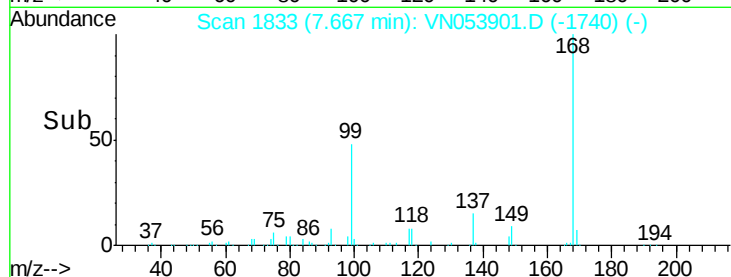
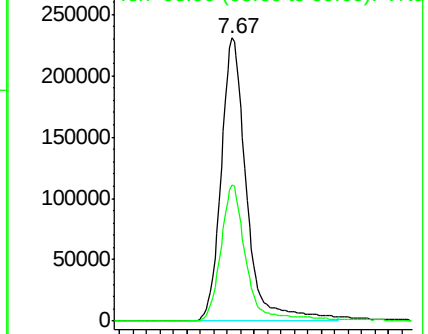
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.693 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053901.D

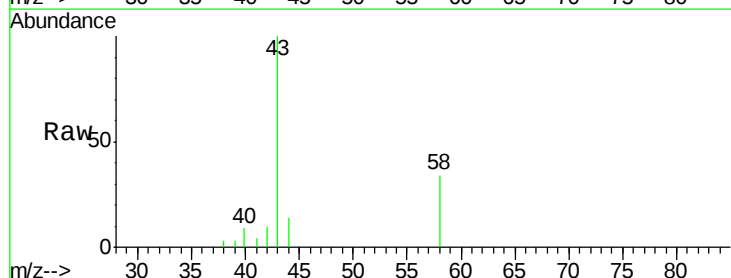
Acq: 21 Feb 2019 19:11

Tgt Ion: 43 Resp: 16588

Ion Ratio Lower Upper

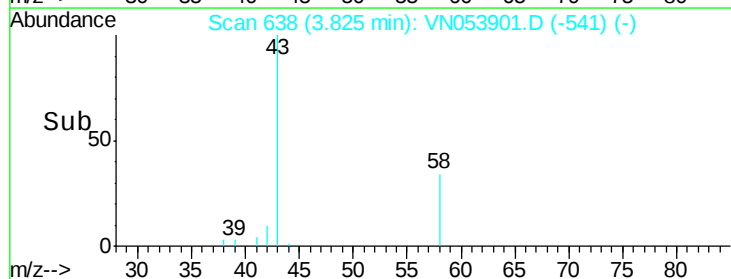
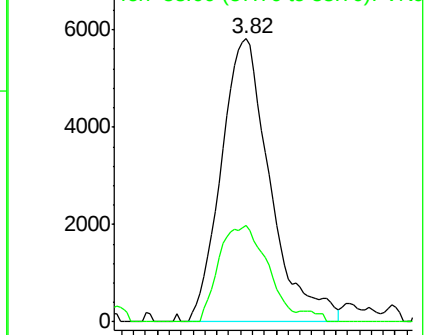
43 100

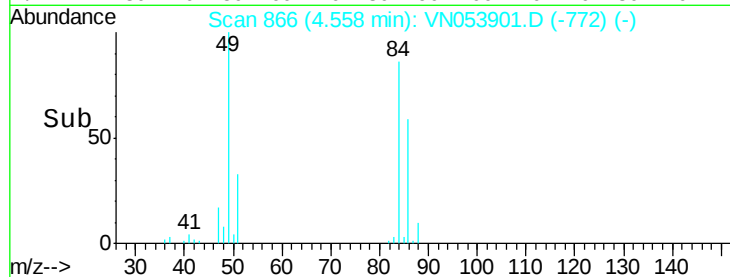
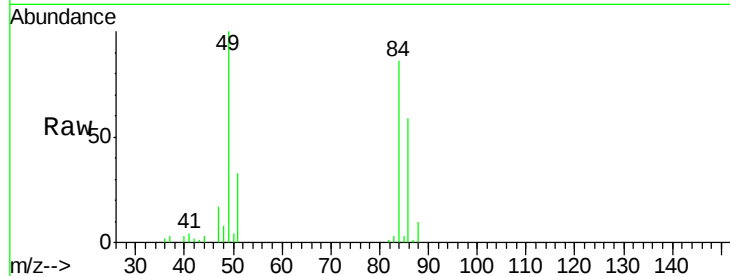
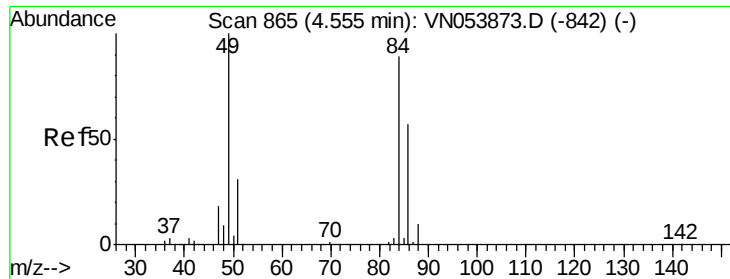
58 34.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





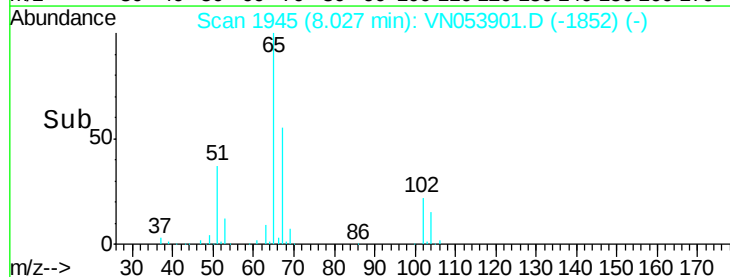
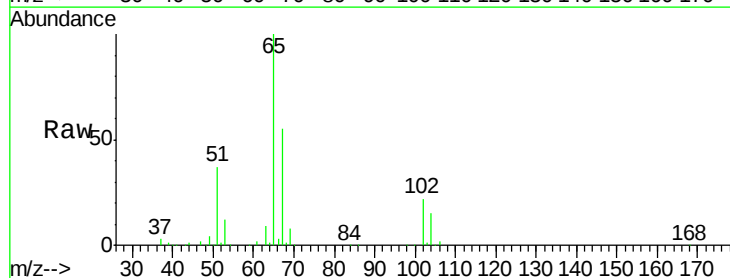
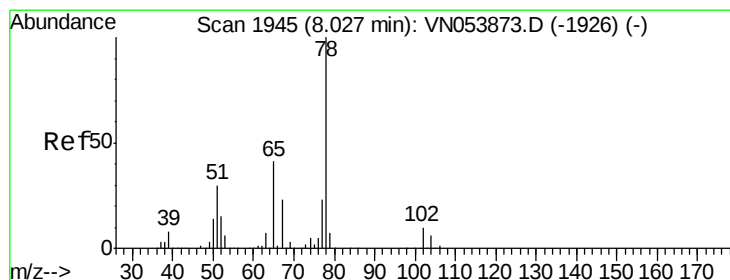
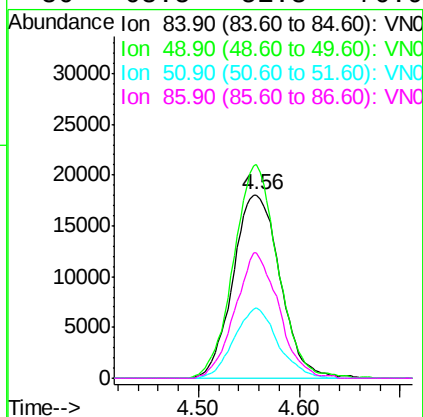
#20
Methvlene Chloride
Concen: 9.127 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053901.D
Acq: 21 Feb 2019 19:11

Tot Ion	Ratio	Lower	Upper
84	100		
49	116.4	89.7	134.5
51	38.5	27.8	41.8
86	68.5	51.3	76.9

Instrument :
MSVOA_N
ClientSampleId :
RT-3422

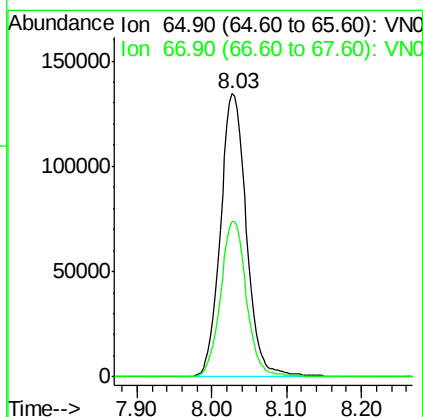
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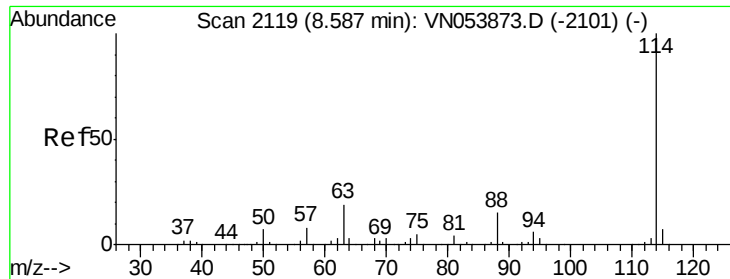
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#33
1,2-Dichloroethane-d4
Concen: 52.085 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053901.D
Acq: 21 Feb 2019 19:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.8





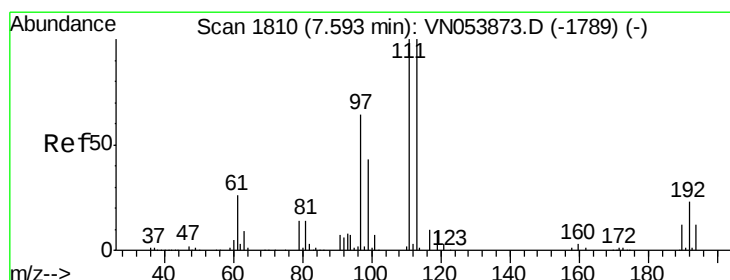
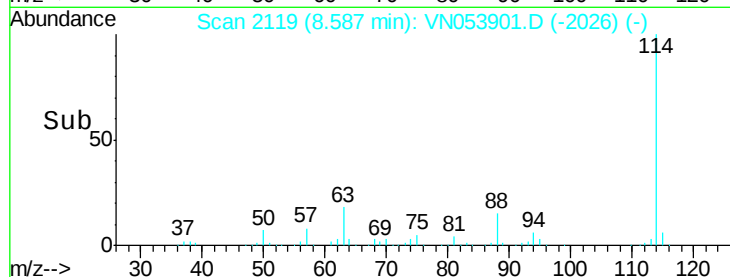
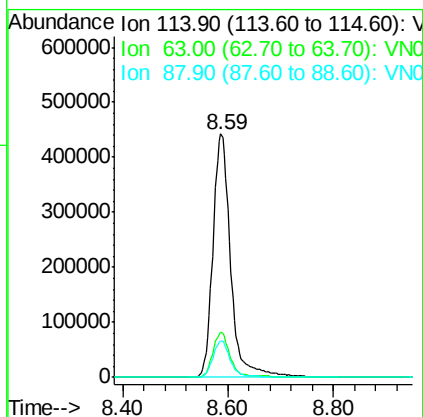
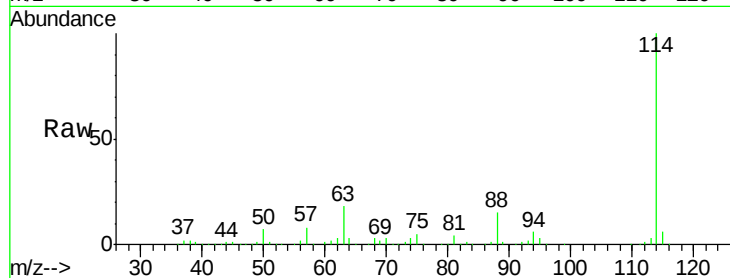
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053901.D
 Acq: 21 Feb 2019 19:11

Instrument :
 MSVOA_N
 ClientSampled :
 RT-3422

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.4
88	14.7	0.0	30.4

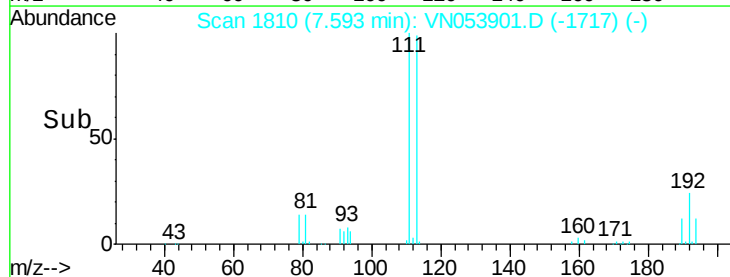
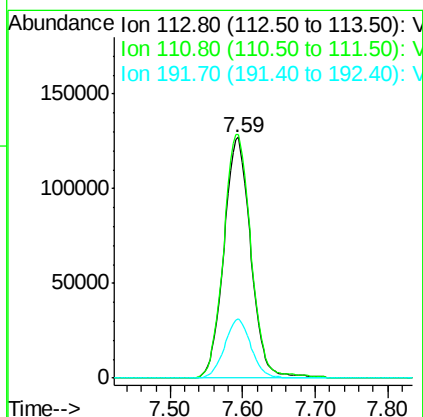
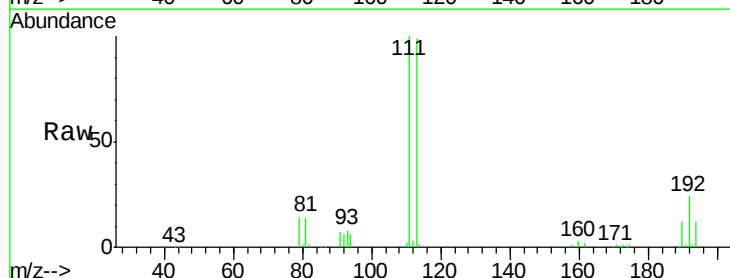
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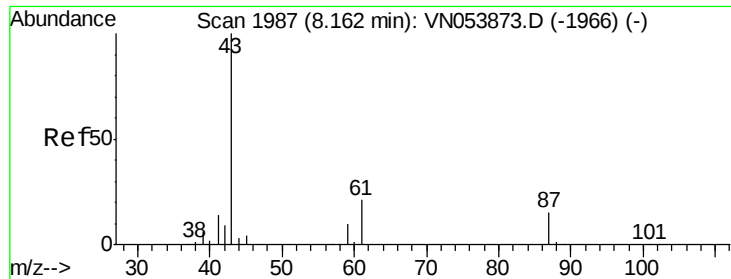
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#35
 Dibromofluoromethane
 Concen: 48.267 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053901.D
 Acq: 21 Feb 2019 19:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.1	121.7
192	24.1	18.8	28.2





#43

Isopropyl Acetate

Concen: 2.122 ug/l m

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053901.D

Acq: 21 Feb 2019 19:11

Instrument :

MSVOA_N

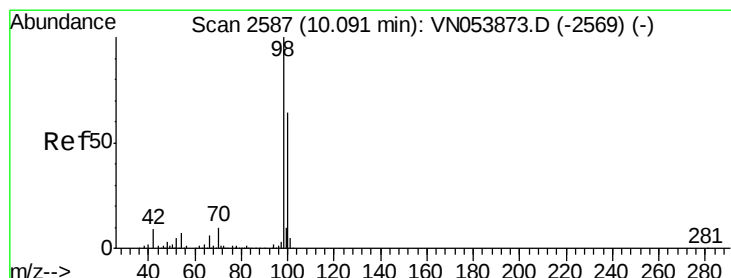
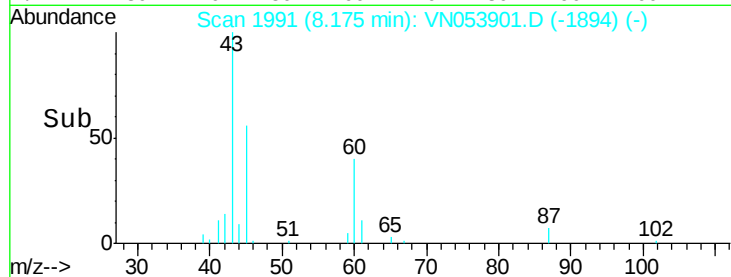
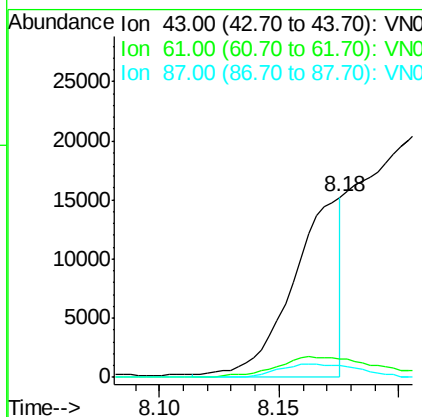
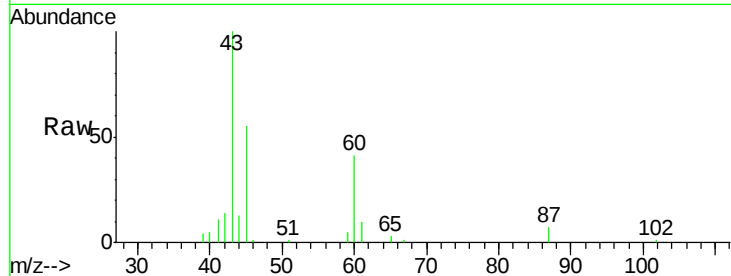
ClientSampled :

RT-3422

Tot Ion:	43	Resp:	21464
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.4	26.0#
87	0.0	11.5	17.3#

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#50

Toluene-d8

Concen: 51.205 ug/l

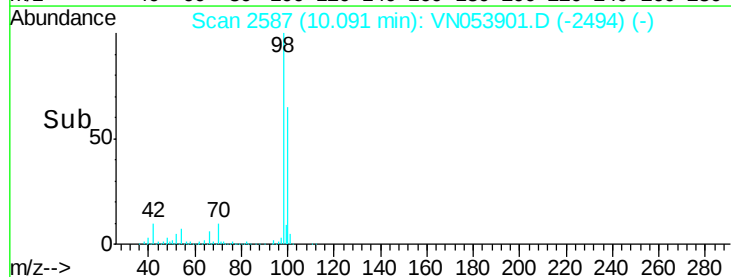
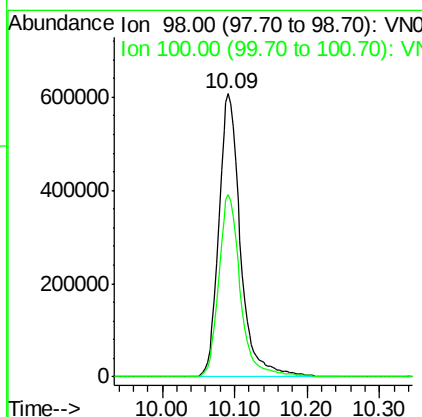
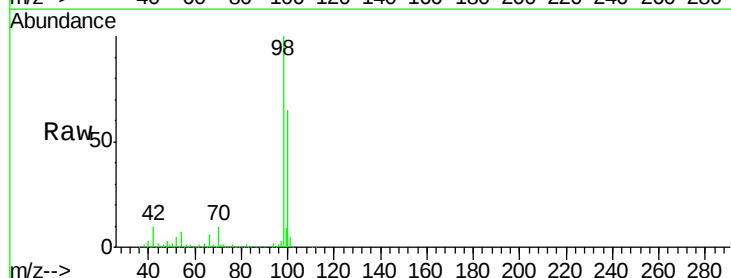
RT: 10.09 min Scan# 2587

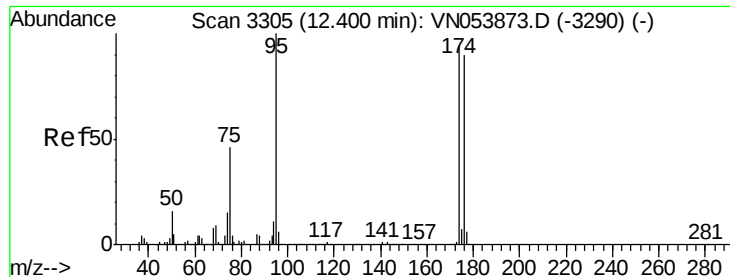
Delta R.T. 0.00 min

Lab File: VN053901.D

Acq: 21 Feb 2019 19:11

Tgt Ion:	98	Resp:	1255782
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9





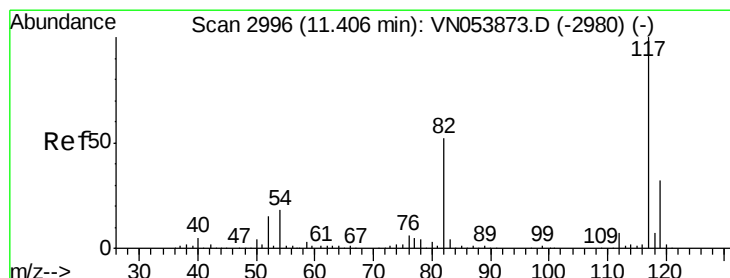
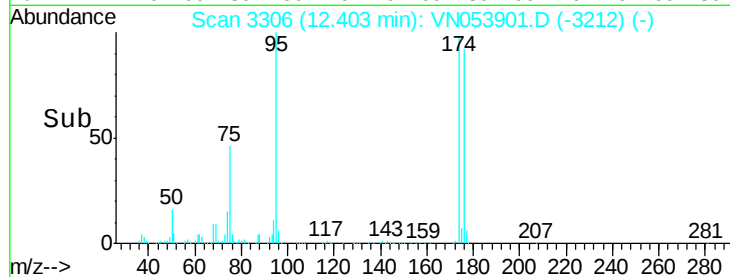
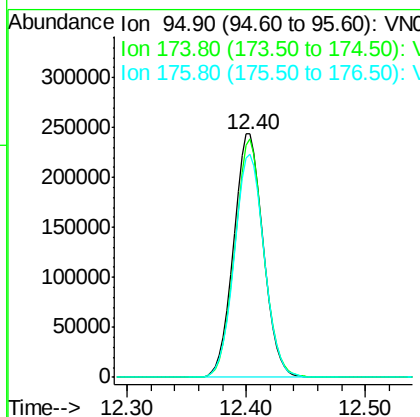
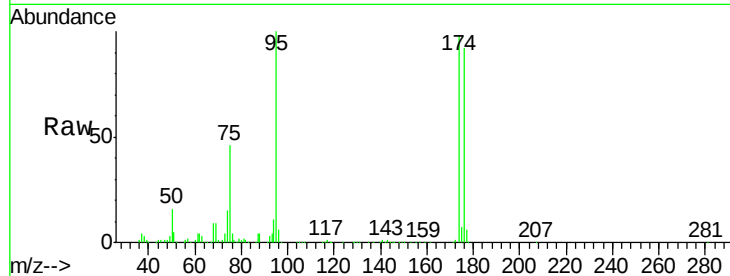
#62
4-Bromofluorobenzene
Concen: 51.761 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053901.D
Acq: 21 Feb 2019 19:11

Instrument :
MSVOA_N
ClientSampleId :
RT-3422

Tot Ion	Ratio	Resp	Lower	Upper
95	100	419086		
174	95.4	0.0	188.8	
176	92.5	0.0	182.6	

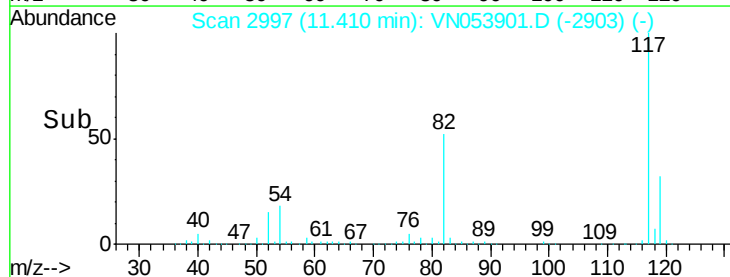
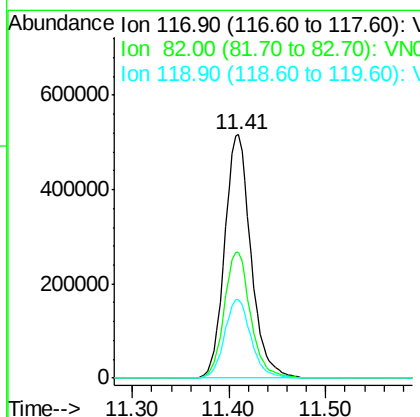
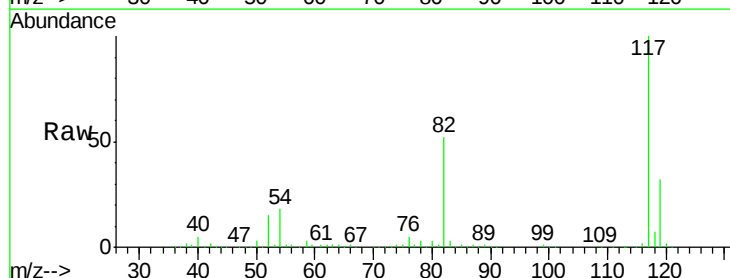
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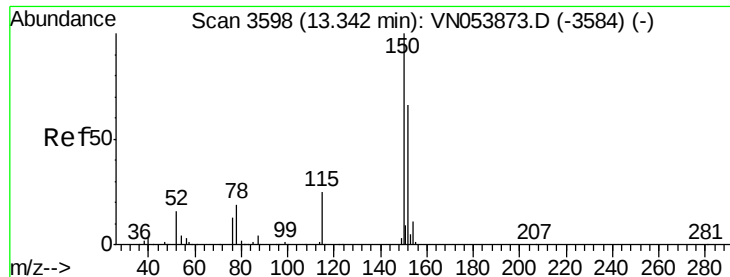
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053901.D
Acq: 21 Feb 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	973615		
82	51.7	41.4	62.2	
119	32.1	25.3	37.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053901.D

Acq: 21 Feb 2019 19:11

Instrument :

MSVOA_N

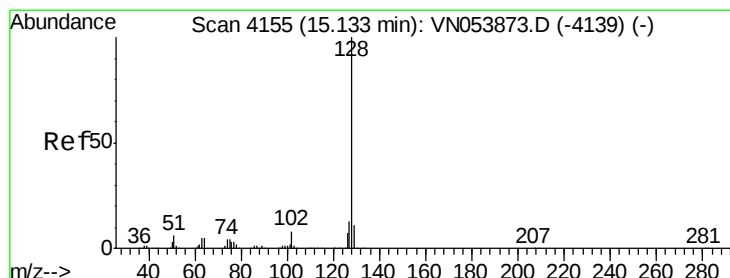
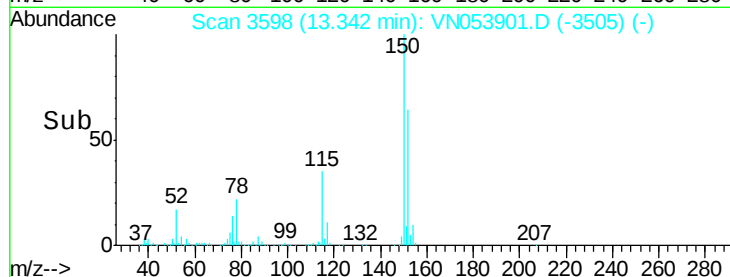
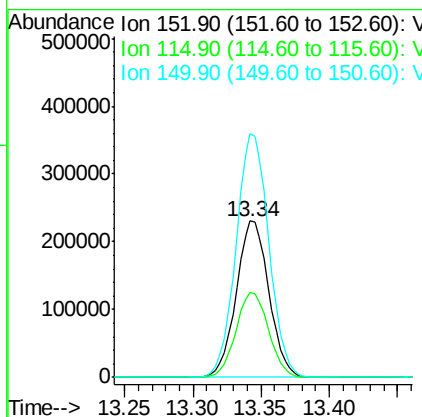
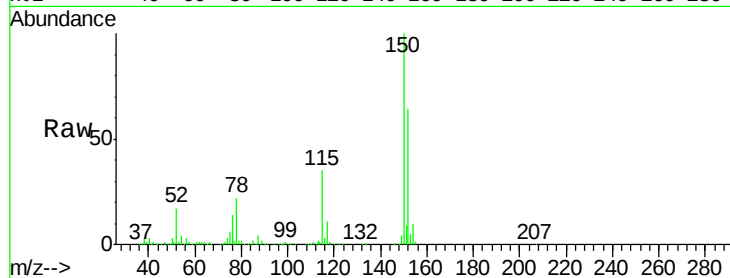
ClientSampleId :

RT-3422

Tot Ion:	152	Resp:	382581
Ion Ratio	Lower	Upper	
152	100		
115	54.6	27.2	81.6
150	156.2	0.0	348.2

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#95

Naphthalene

Concen: 4.922 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053901.D

Acq: 21 Feb 2019 19:11

Tgt Ion:	128	Resp:	5184
Ion Ratio	Lower	Upper	
128	100		
127	9.6	10.2	15.2#
129	7.2	8.6	12.8#

