

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060508.D
 Acq On : 13 Mar 2020 17:20
 Operator : JC/MD
 Sample : L1762-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-031220

Manual Integrations
 APPROVED

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 3/16/2020 2:04:53 PM

Quant Time: Mar 16 09:15:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	342193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	135241	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	7.56	113	101506	63.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.82%	
50) Toluene-d8	10.08	98	423319	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.40	95	159612	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
Target Compounds						
16) Acetone	3.79	43	8272	9.727	ug/l	99
20) Methylene Chloride	4.53	84	5348m	2.290	ug/l	
43) Isopropyl Acetate	8.14	43	65343	12.087	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	5501	1.795	ug/l	90
52) Toluene	10.14	92	25478	4.273	ug/l	98

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

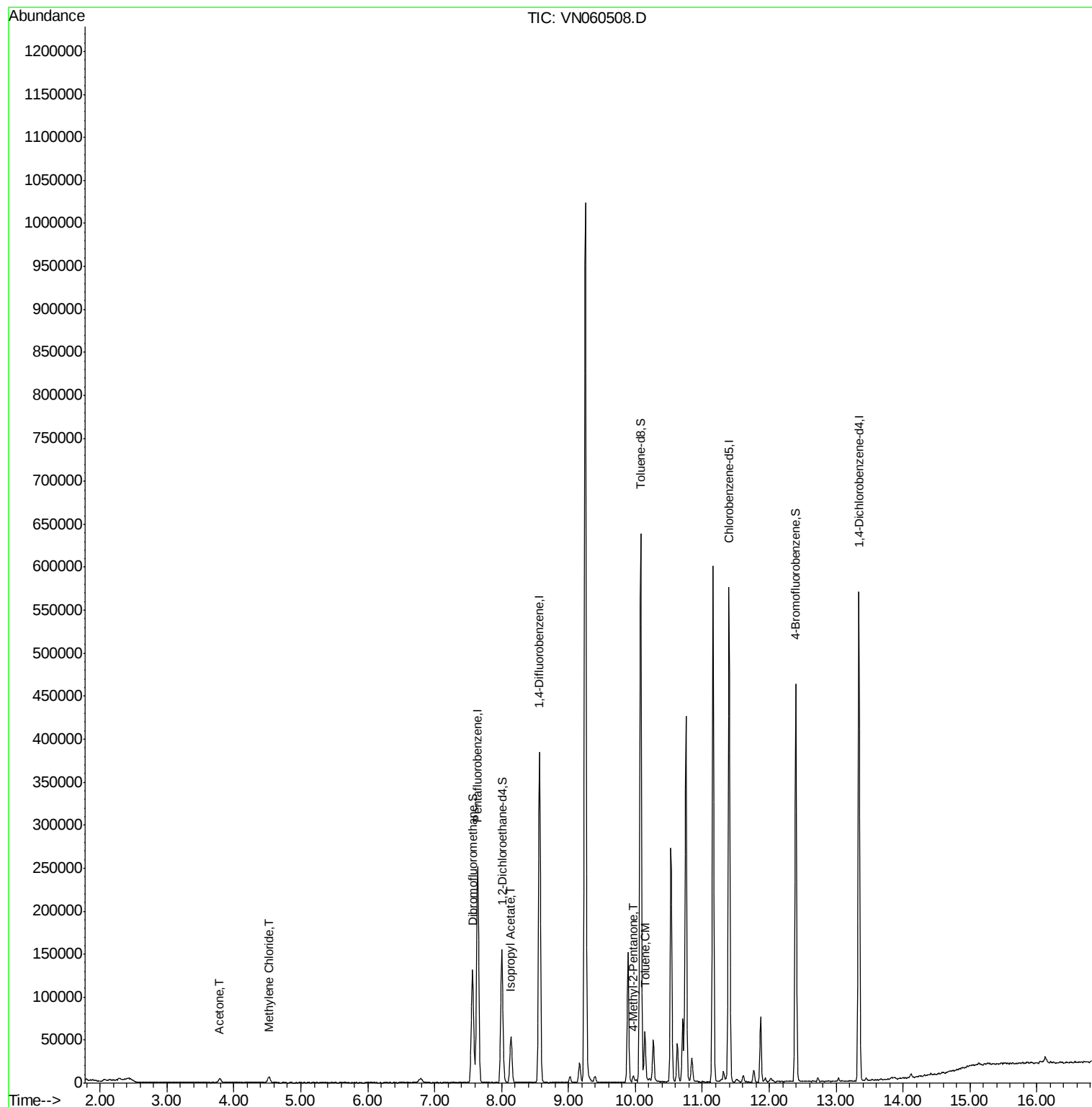
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031320\
Data File : VN060508.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060508.D

Acq: 13 Mar 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

TR-04-031220

Tot Ion:168 Resp: 205248

Ion Ratio Lower Upper

168 100

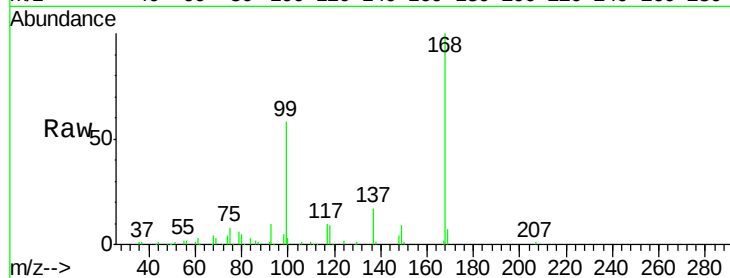
99 57.6 44.7 67.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

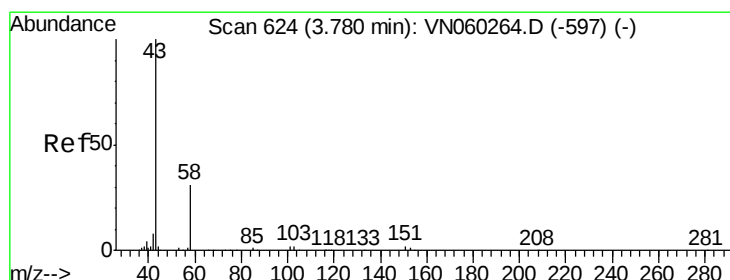
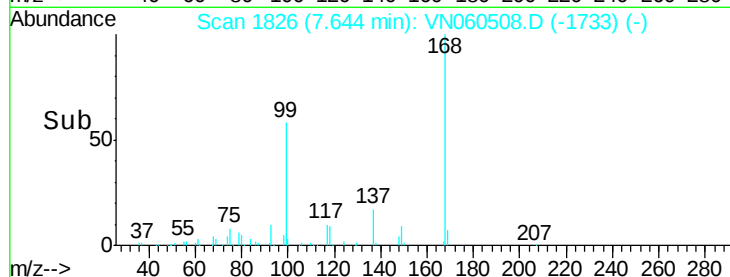
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 9.727 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060508.D

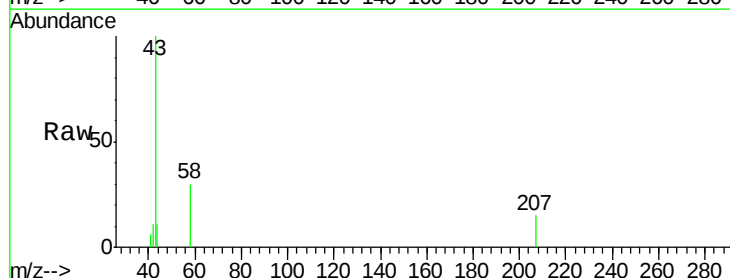
Acq: 13 Mar 2020 17:20

Tgt Ion: 43 Resp: 8272

Ion Ratio Lower Upper

43 100

58 29.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

3000

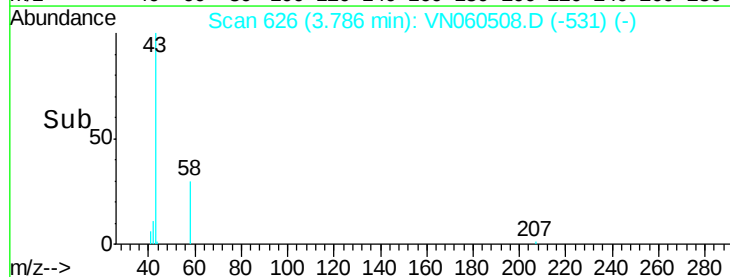
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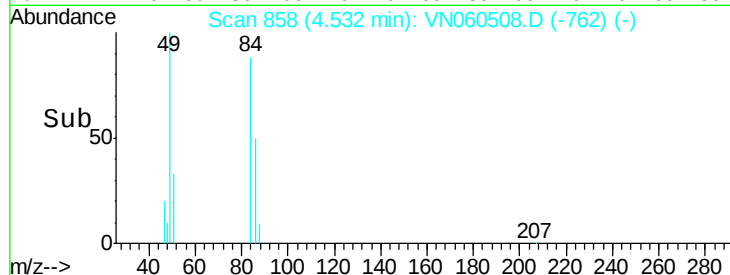
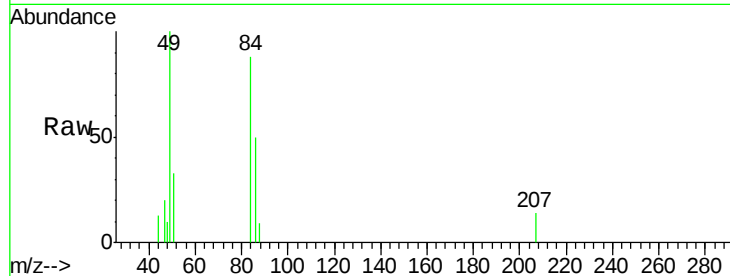
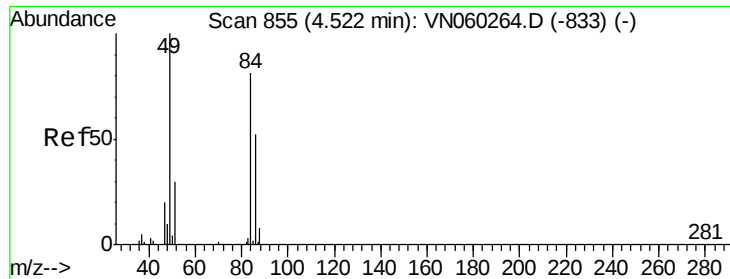
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





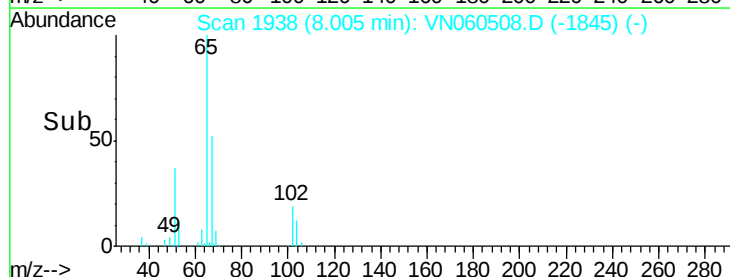
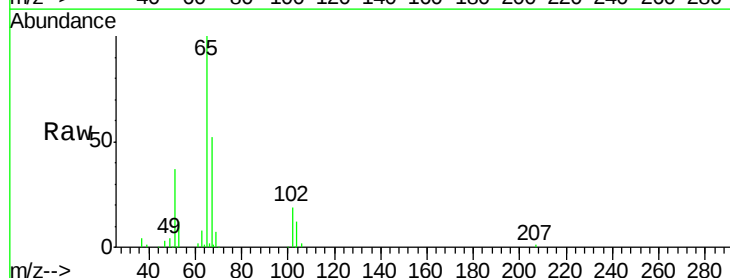
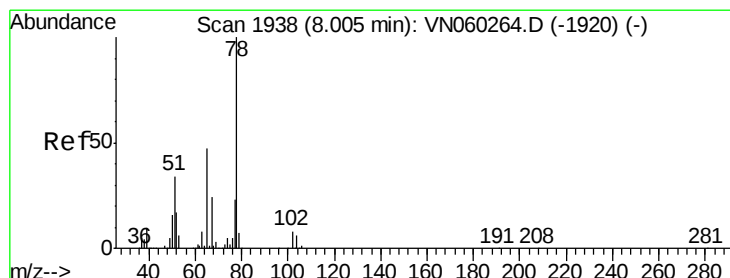
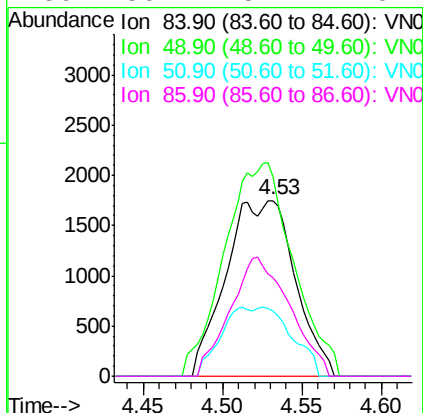
#20
Methvlene Chloride
Concen: 2.290 ug/l m
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN060508.D
Acq: 13 Mar 2020 17:20

Tot Ion:	84	Resp:	5348
Ion	Ratio	Lower	Upper
84	100		
49	113.2	99.3	148.9
51	37.2	30.1	45.1
86	56.1	51.1	76.7

Instrument :
MSVOA_N
ClientSampleId :
TR-04-031220

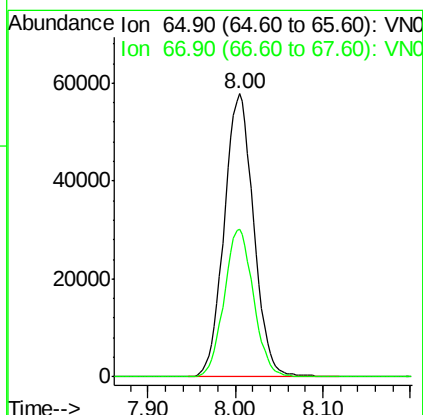
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#33
1,2-Dichloroethane-d4
Concen: 51.357 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060508.D
Acq: 13 Mar 2020 17:20

Tgt Ion:	65	Resp:	135241
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060508.D

Acq: 13 Mar 2020 17:20

Instrument :

MSVOA_N

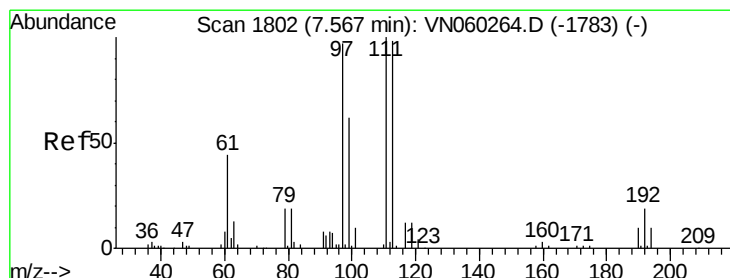
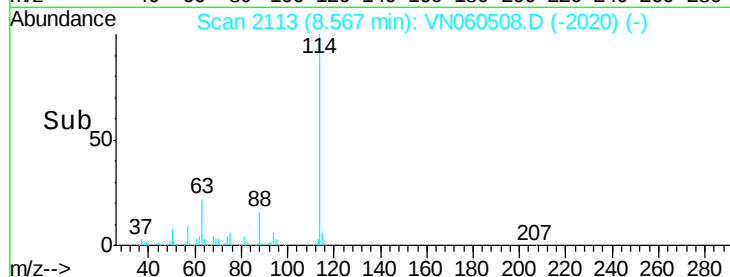
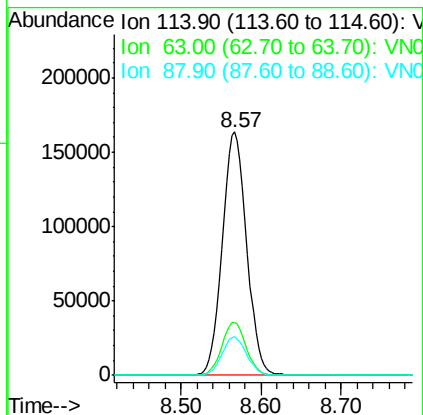
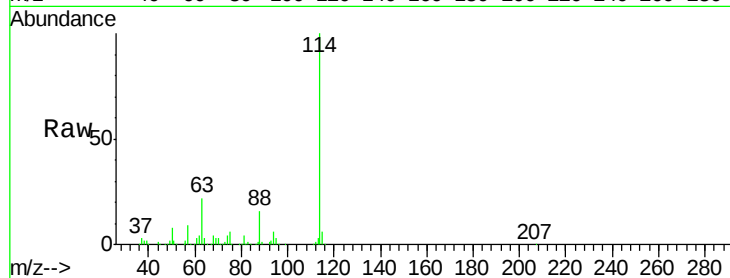
ClientSampleId :

TR-04-031220

Tot Ion	Ratio	Resp	Lower	Upper
114	100	342193		
63	22.0	0.0	43.2	
88	15.8	0.0	31.6	

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#35

Dibromofluoromethane

Concen: 63.907 ug/l

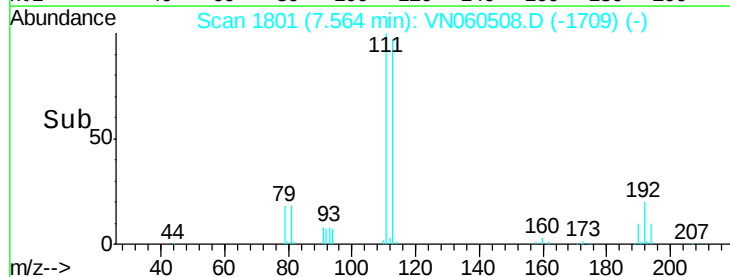
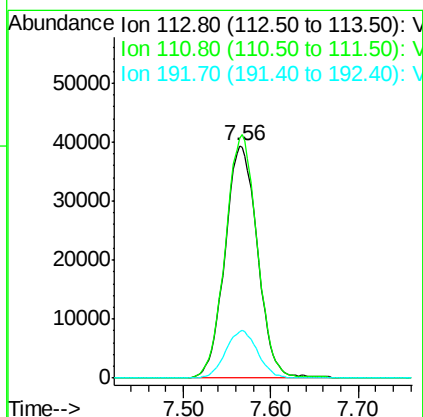
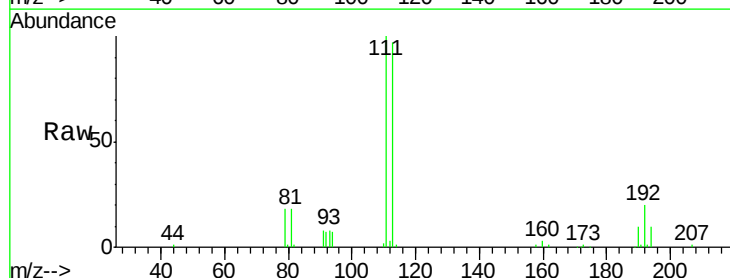
RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060508.D

Acq: 13 Mar 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	101506		
111	102.8	82.4	123.6	
192	20.2	16.2	24.2	





#43

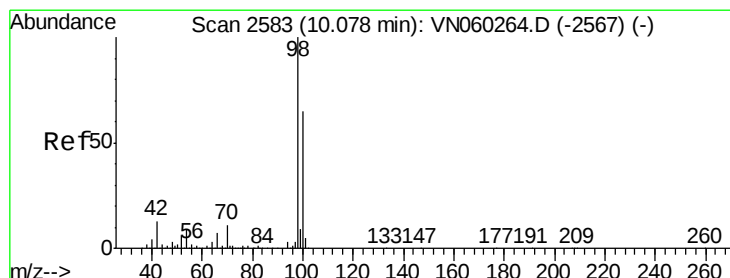
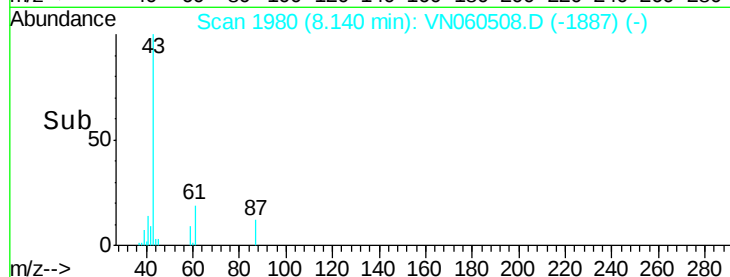
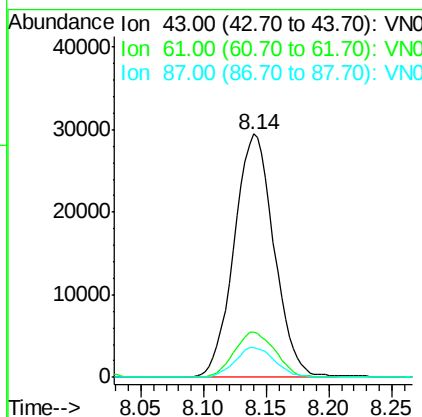
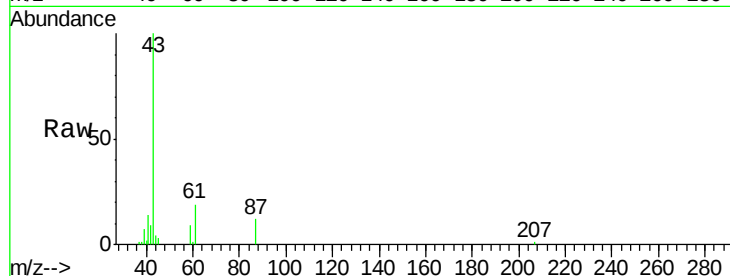
Isopropyl Acetate
 Concen: 12.087 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060508.D
 Acq: 13 Mar 2020 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-031220

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	20.9	31.3#
87	12.2	10.6	16.0

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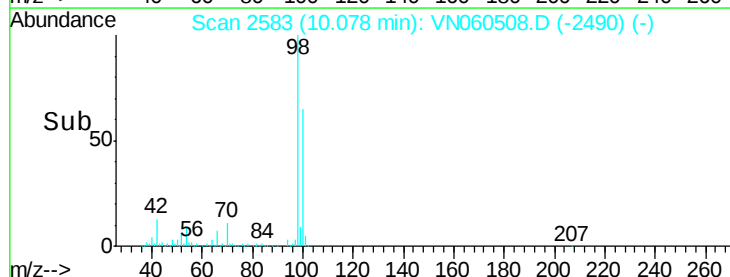
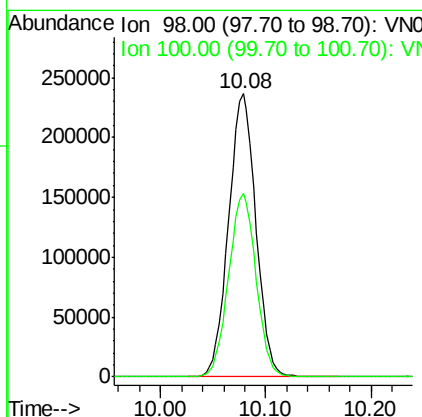
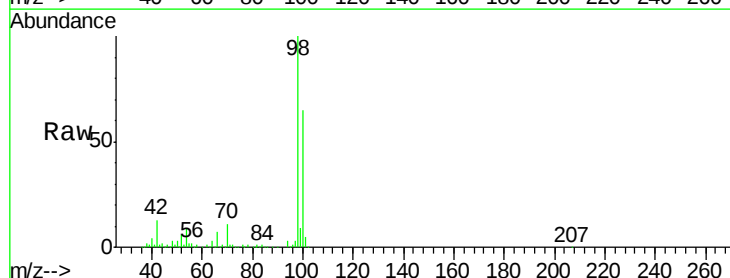
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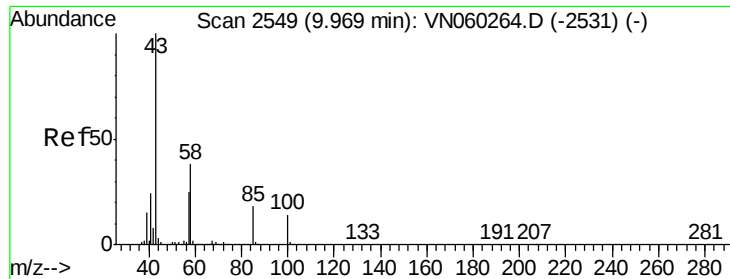


#50

Toluene-d8
 Concen: 52.659 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060508.D
 Acq: 13 Mar 2020 17:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 1.795 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060508.D

Acq: 13 Mar 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

TR-04-031220

Tot Ion: 43 Resp: 5501

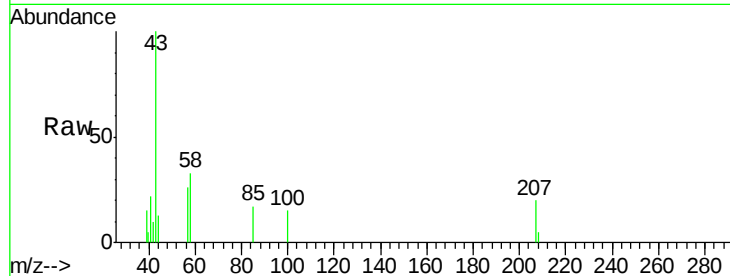
Ion Ratio Lower Upper

43 100

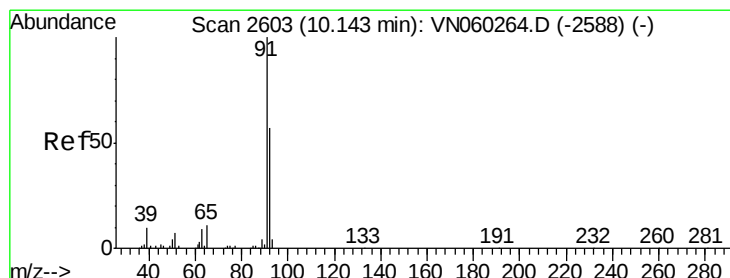
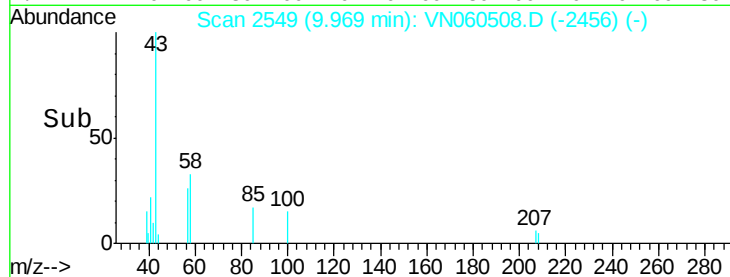
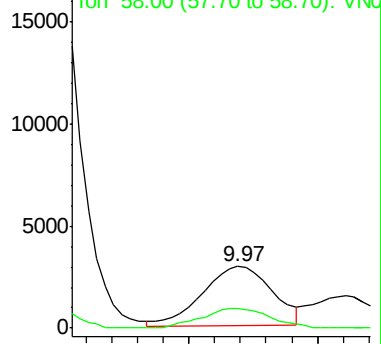
58 32.6 30.9 46.3

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Abundance Ion 43.00 (42.70 to 43.70): VN060508.D (-2456) (-)



#52

Toluene

Concen: 4.273 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060508.D

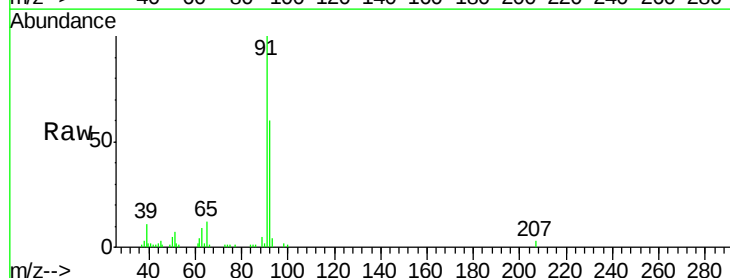
Acq: 13 Mar 2020 17:20

Tgt Ion: 92 Resp: 25478

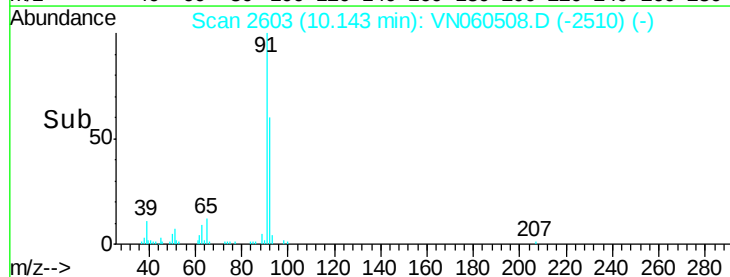
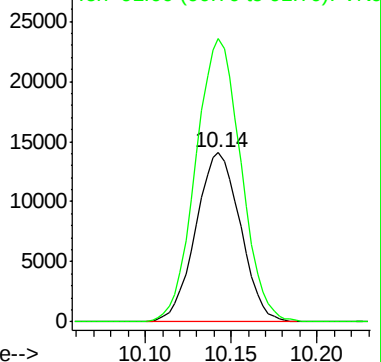
Ion Ratio Lower Upper

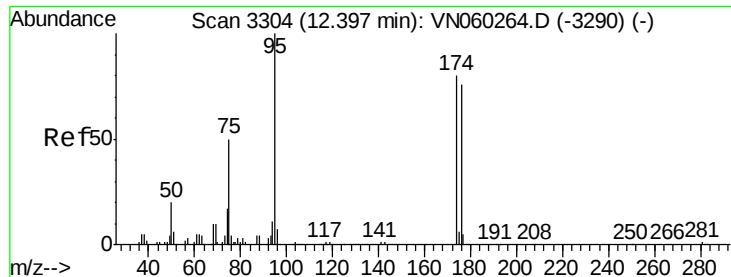
92 100

91 169.2 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060508.D (-2510) (-)





#62

4-Bromofluorobenzene

Concen: 52.378 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060508.D

Acq: 13 Mar 2020 17:20

Instrument :

MSVOA_N

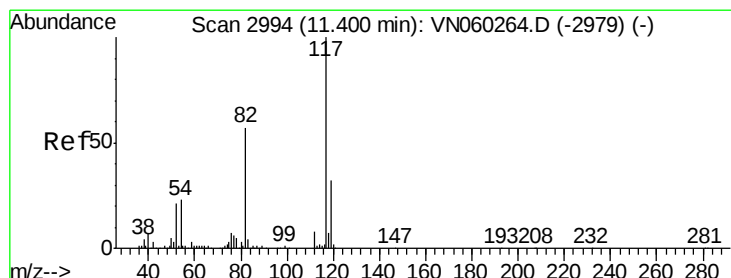
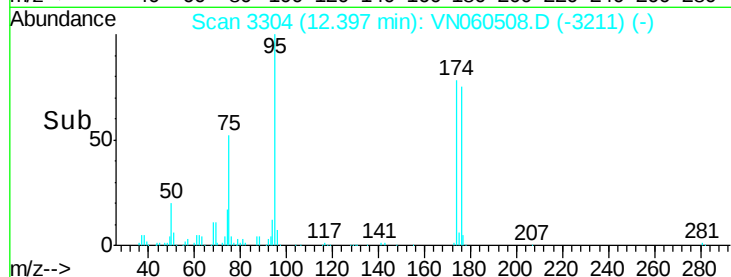
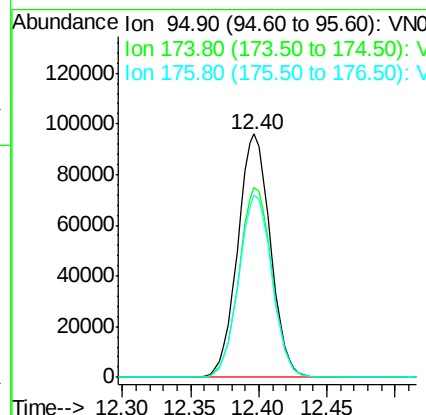
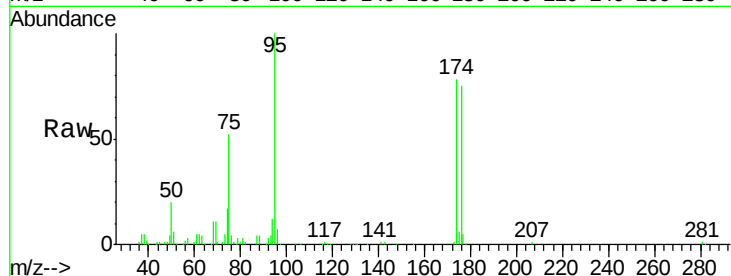
ClientSampleId :

TR-04-031220

Tot Ion:	95	Resp:	159612
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	159.2
176	76.0	0.0	153.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

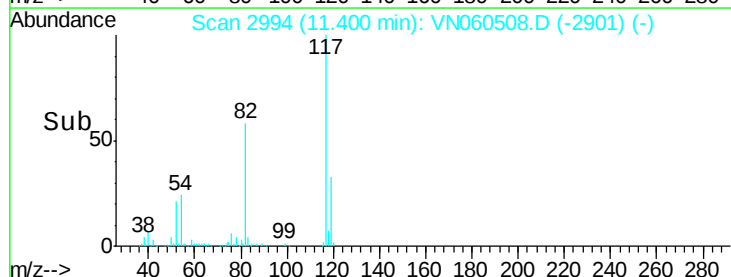
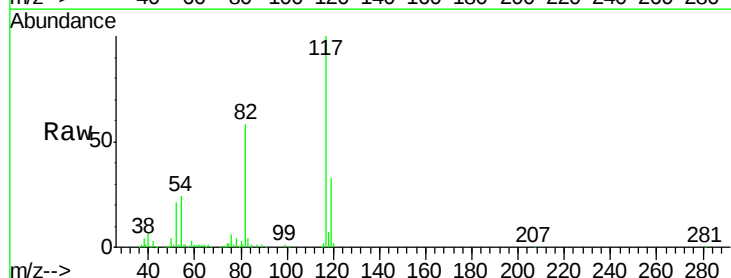
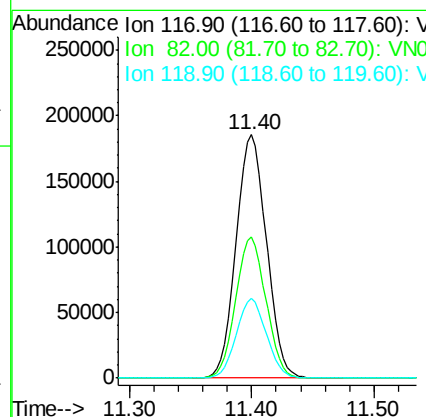
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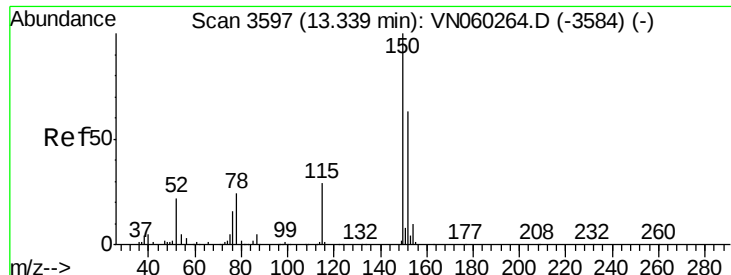
Delta R.T. -0.00 min

Lab File: VN060508.D

Acq: 13 Mar 2020 17:20

Tgt Ion:	117	Resp:	321626
Ion Ratio	Lower	Upper	
117	100		
82	57.9	45.8	68.6
119	32.6	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060508.D

Acq: 13 Mar 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

TR-04-031220

Tot Ion:152 Resp: 150673

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

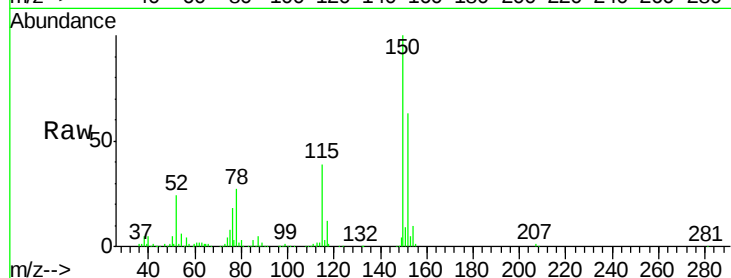
150 157.0 0.0 349.6

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

