

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061666.D
 Acq On : 5 Jun 2020 13:57
 Operator : JC/MD
 Sample : L2904-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-3-1

Manual Integrations
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 6/8/2020 11:49:07 AM

Quant Time: Jun 06 04:36:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	294753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	513107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	506530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	246808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171855	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
35) Dibromofluoromethane	7.55	113	146694	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
50) Toluene-d8	10.06	98	615733	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.38	95	227352	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	31511	27.027	ug/l	100
25) 2-Butanone	6.79	43	13169	7.912	ug/l	96
65) Chlorobenzene	11.41	112	24749	2.351	ug/l	96
67) Ethyl Benzene	11.48	91	5965	0.328	ug/l	98
69) o-Xylene	11.92	106	6213	0.907	ug/l	95
73) Isopropylbenzene	12.22	105	4975	0.276	ug/l	96
78) n-propylbenzene	12.57	91	9855	0.490	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	28450	1.890	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	54448	3.640	ug/l	99
85) sec-Butylbenzene	13.15	105	7930	0.463	ug/l	92
86) p-Isopropyltoluene	13.26	119	10491	0.665	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	4234	0.520	ug/l	91
88) 1,4-Dichlorobenzene	13.34	146	13861m	1.671	ug/l	
91) 1,2-Dichlorobenzene	13.63	146	17884	2.298	ug/l	89

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

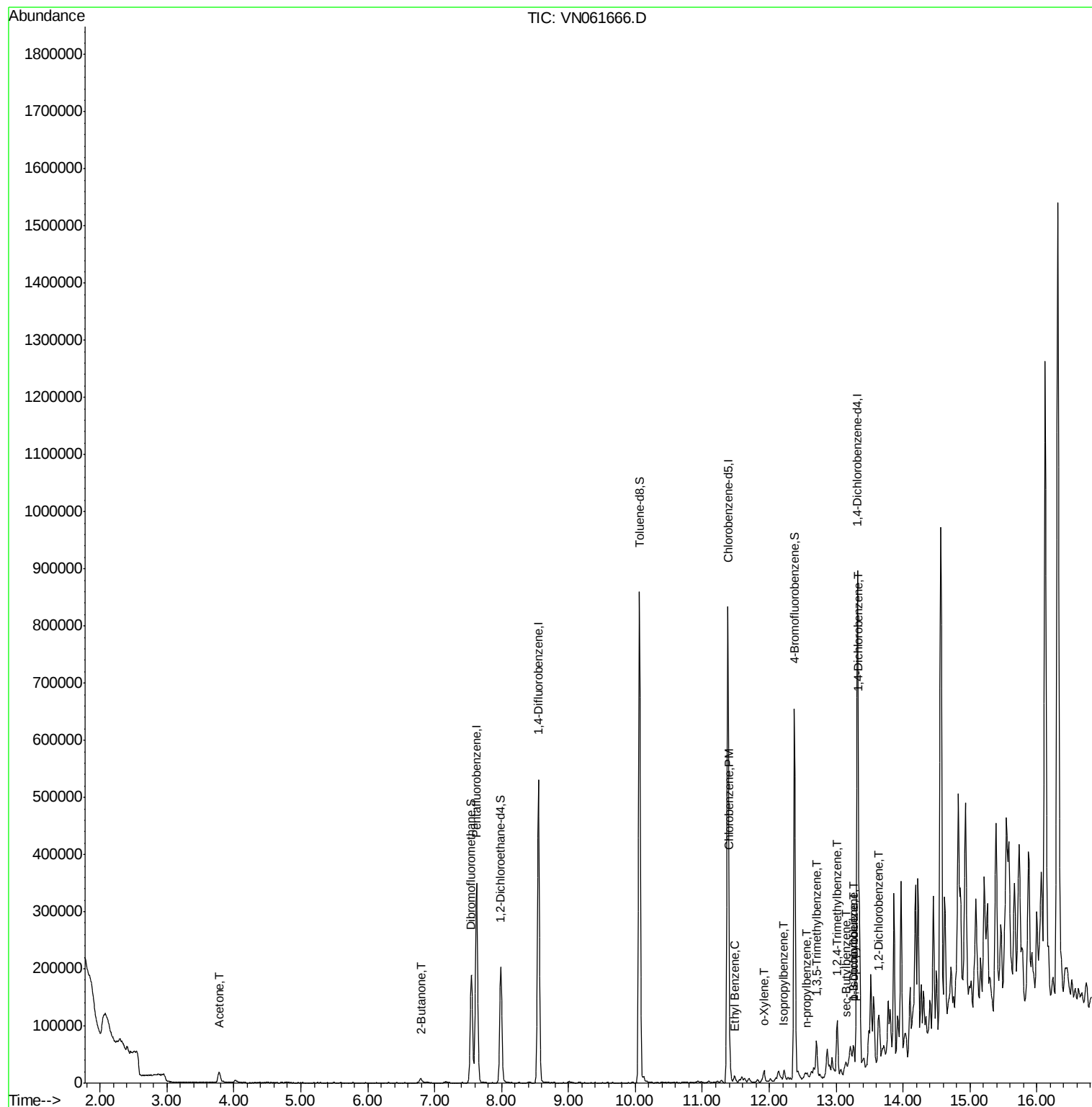
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

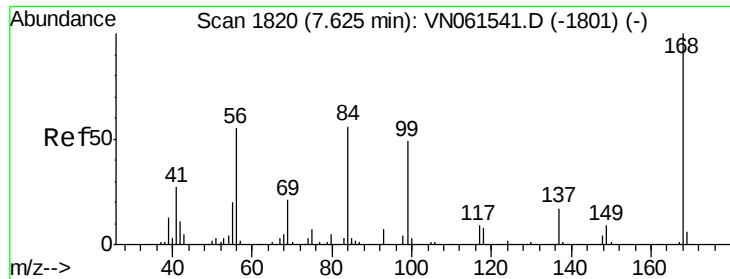
Instrument :
MSVOA_N
ClientSampleId :
VE-3-1

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6/8/2020 11:49:07 AM

Quant Time: Jun 06 04:36:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061666.D

Acq: 5 Jun 2020 13:57

Instrument :

MSVOA_N

ClientSampled :

VE-3-1

Tot Ion:168 Resp: 294753

Ion Ratio Lower Upper

168 100

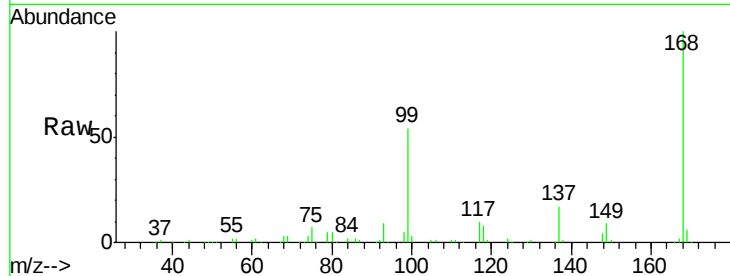
99 53.5 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

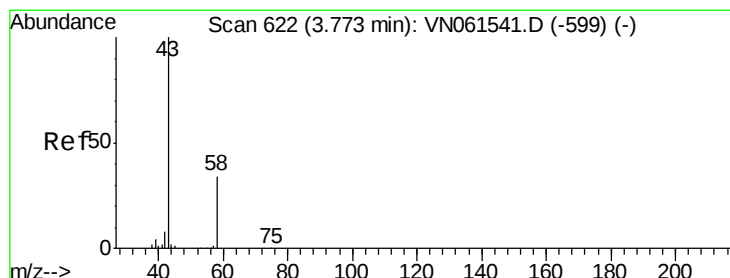
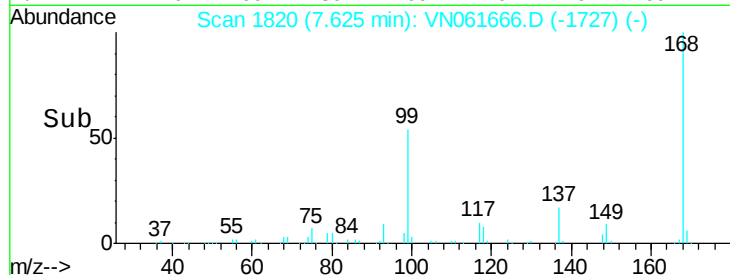
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 27.027 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061666.D

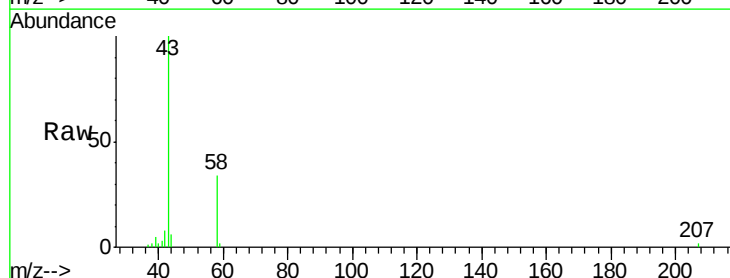
Acq: 5 Jun 2020 13:57

Tgt Ion: 43 Resp: 31511

Ion Ratio Lower Upper

43 100

58 33.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

12000

10000

8000

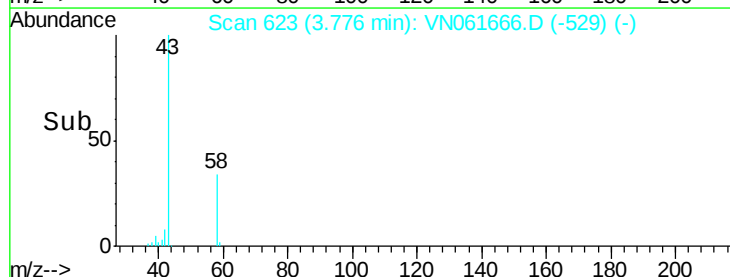
6000

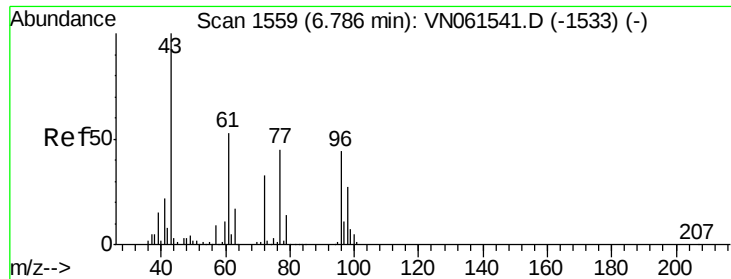
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#25

2-Butanone

Concen: 7.912 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN061666.D

Acq: 5 Jun 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VE-3-1

Tot Ion: 43 Resp: 13169

Ion Ratio Lower Upper

43 100

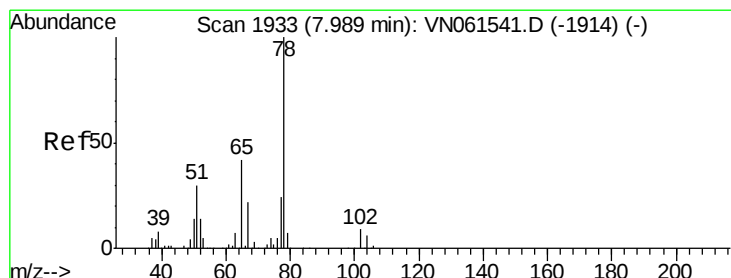
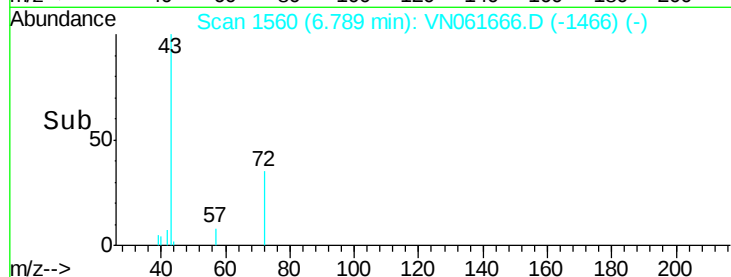
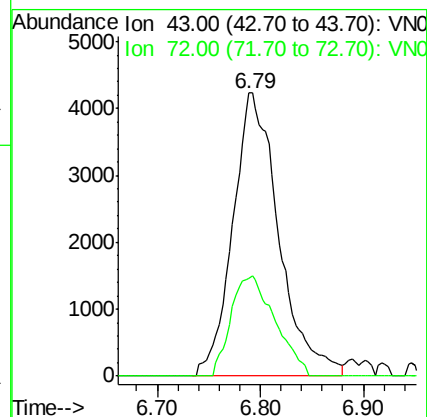
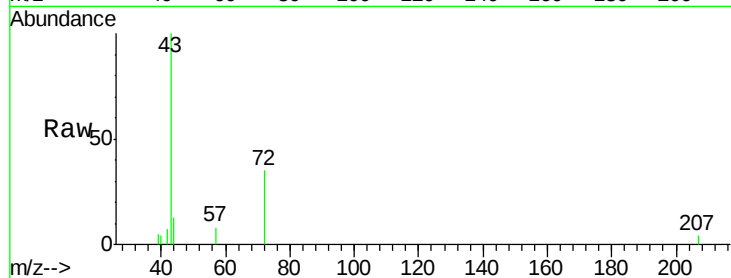
72 34.8 26.0 39.0

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#33

1,2-Dichloroethane-d4

Concen: 48.936 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061666.D

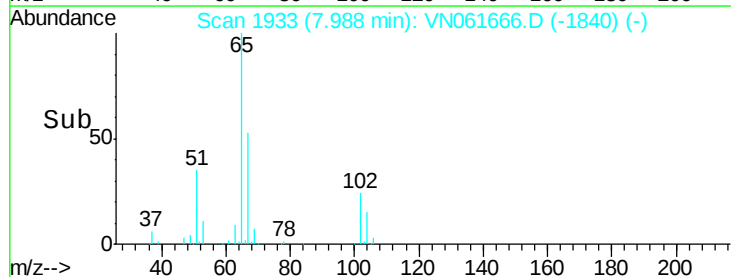
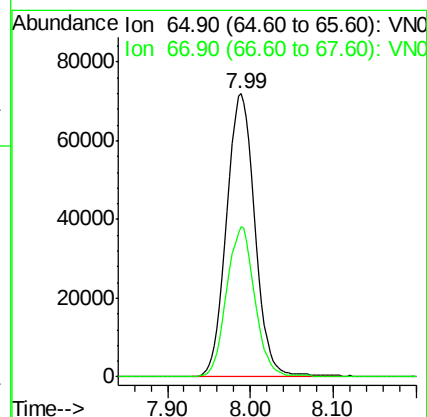
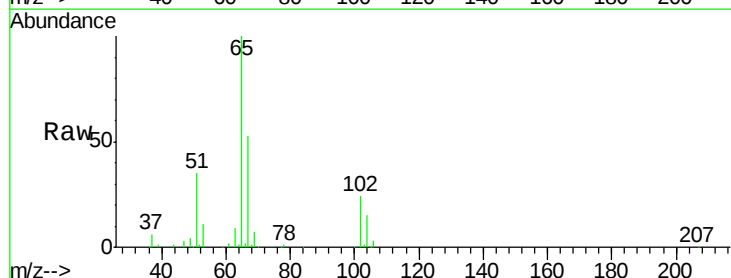
Acq: 5 Jun 2020 13:57

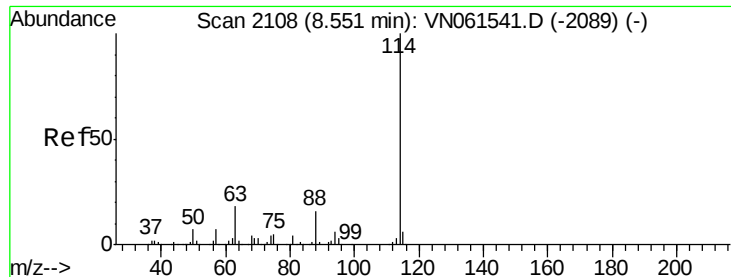
Tgt Ion: 65 Resp: 171855

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8





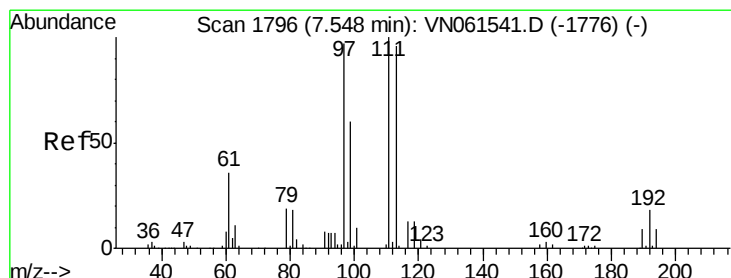
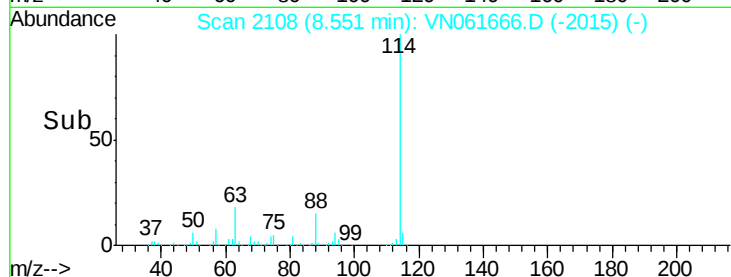
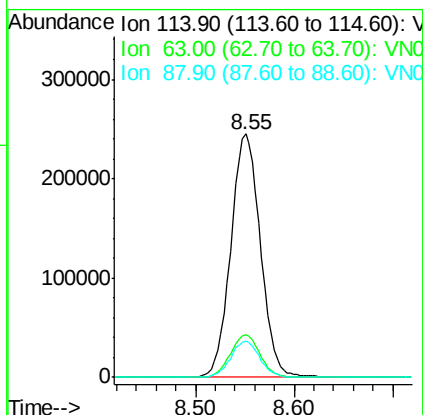
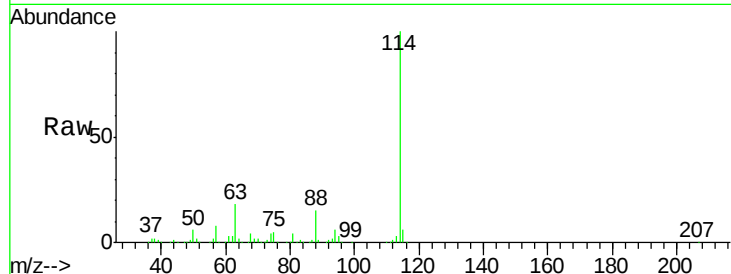
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061666.D
 Acq: 5 Jun 2020 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-3-1

Tot Ion	Ratio	Resp	Lower	Upper
114	100	513107		
63	17.5		0.0	35.8
88	14.7		0.0	31.0

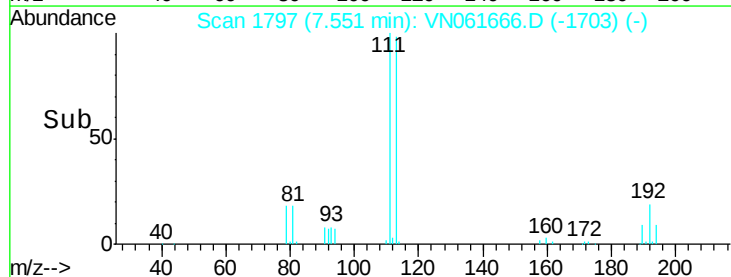
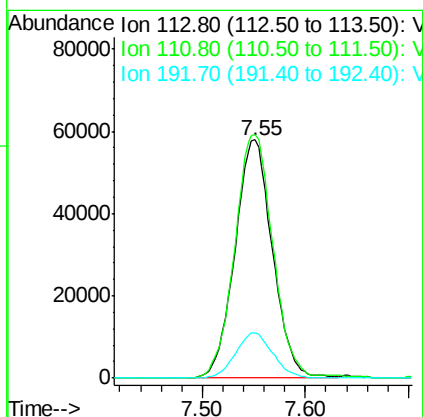
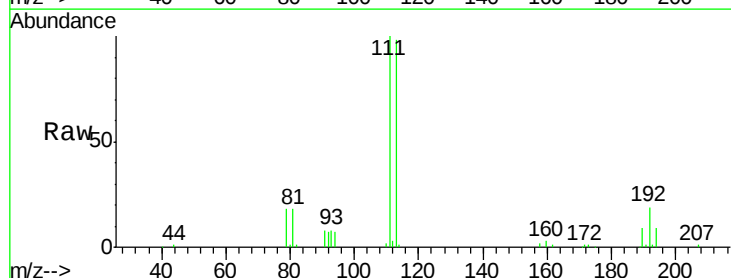
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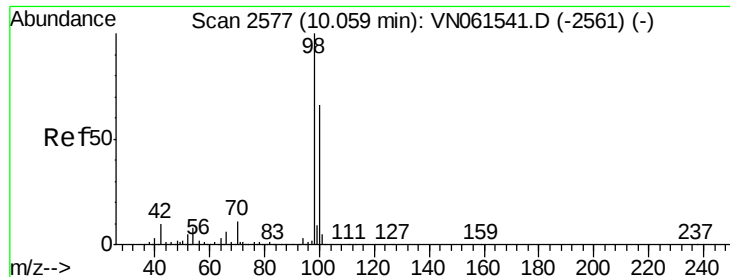
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#35
 Dibromofluoromethane
 Concen: 56.358 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061666.D
 Acq: 5 Jun 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	146694		
111	103.5		83.4	125.0
192	18.9		15.4	23.2





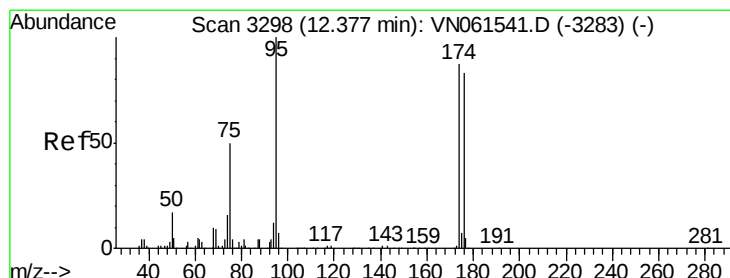
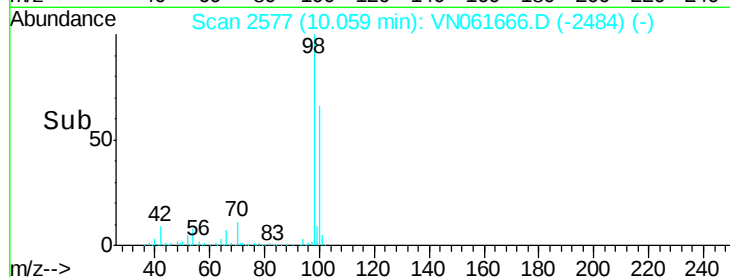
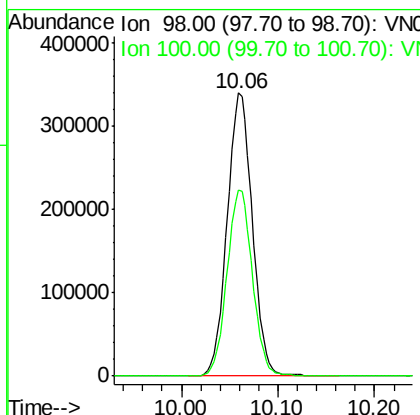
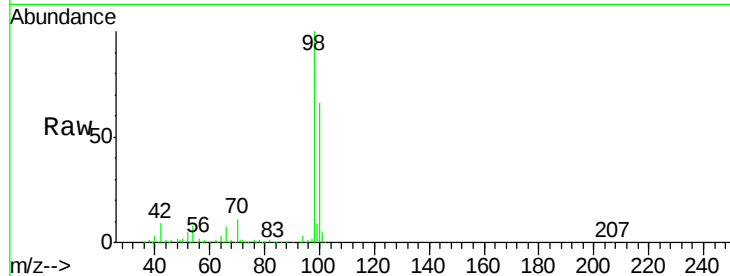
#50
Toluene-d8
Concen: 51.047 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Instrument :
MSVOA_N
ClientSampleId :
VE-3-1

Tot Ion: 98 Resp: 615733
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2

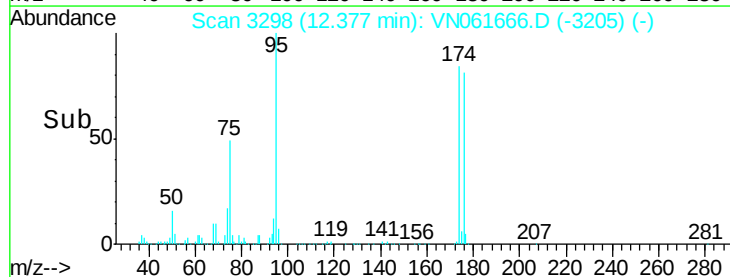
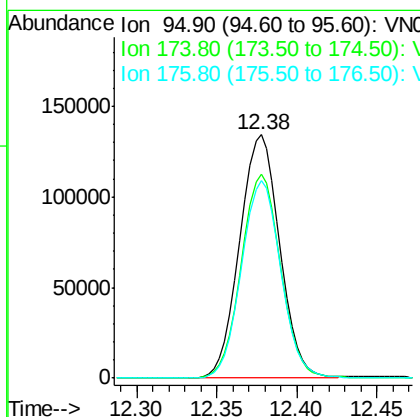
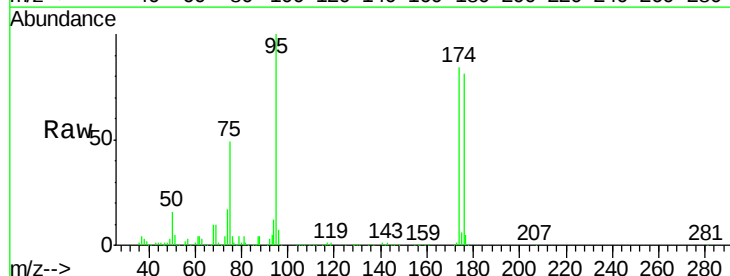
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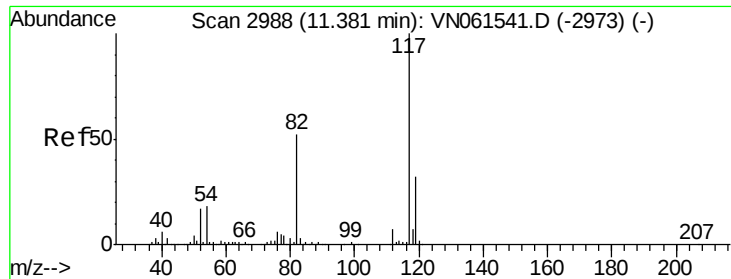
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#62
4-Bromofluorobenzene
Concen: 51.663 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Tgt Ion: 95 Resp: 227352
Ion Ratio Lower Upper
95 100
174 83.2 0.0 172.8
176 80.7 0.0 164.8





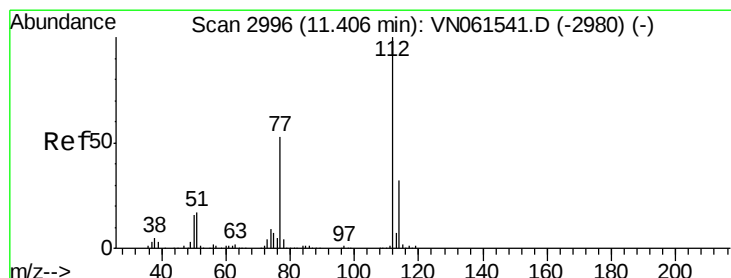
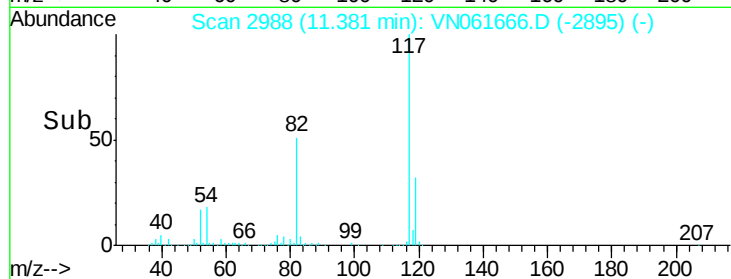
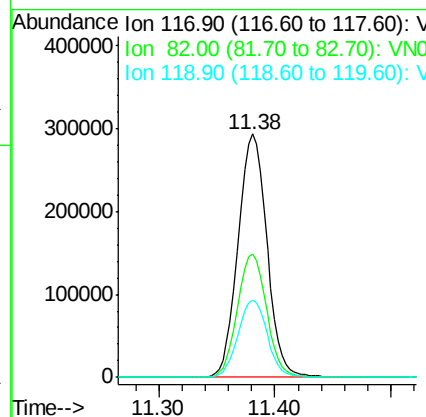
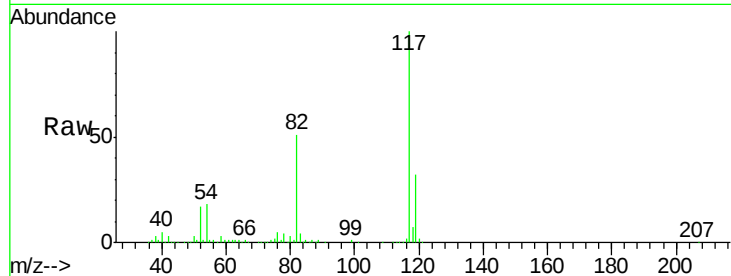
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Instrument :
MSVOA_N
ClientSampleId :
VE-3-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.5	62.3
119	31.7	25.6	38.4

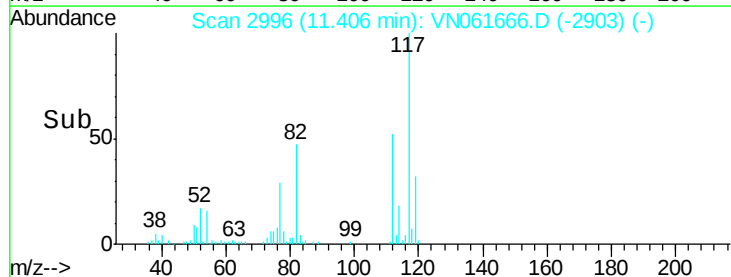
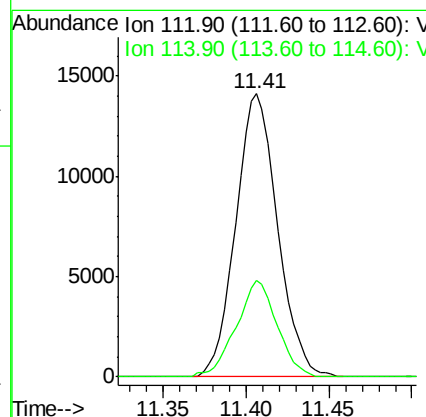
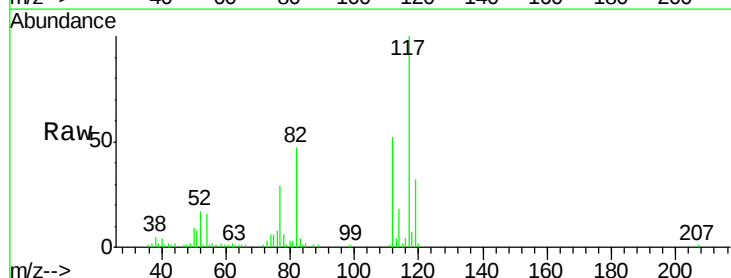
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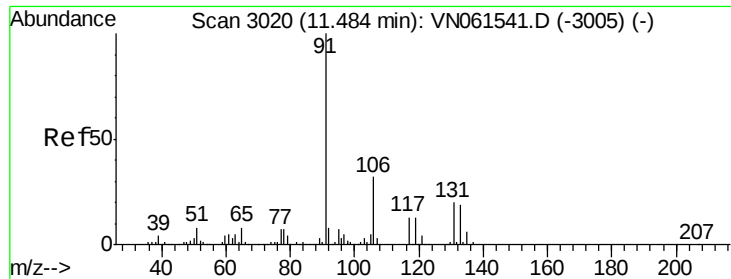
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#65
Chlorobenzene
Concen: 2.351 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.3	25.7	38.5





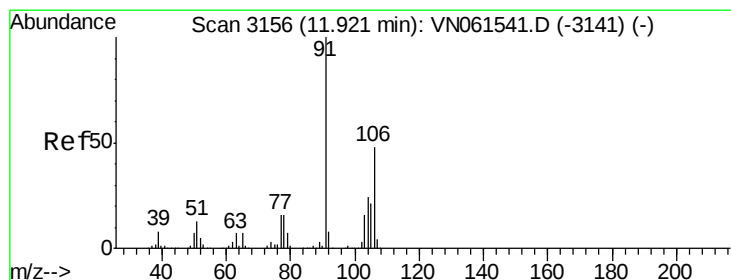
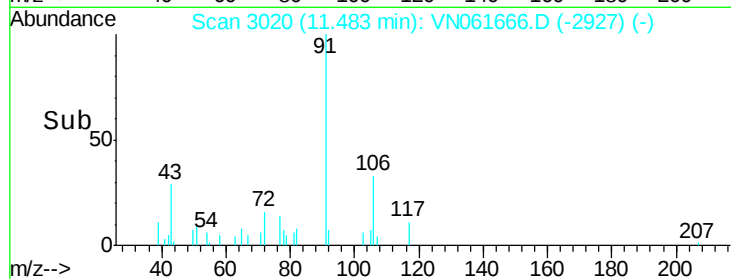
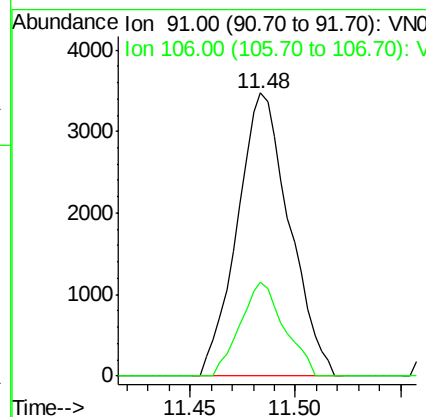
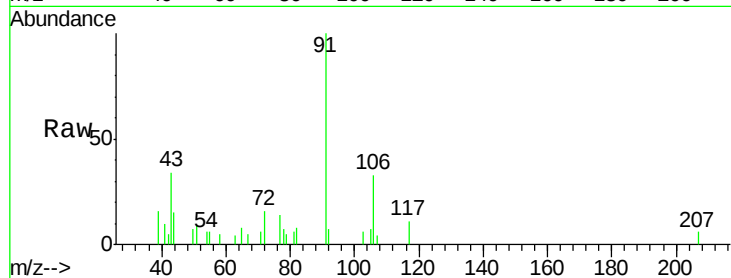
#67
Ethyl Benzene
Concen: 0.328 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Instrument :
MSVOA_N
ClientSampled :
VE-3-1

Tot Ion: 91 Resp: 5965
Ion Ratio Lower Upper
91 100
106 33.3 25.6 38.4

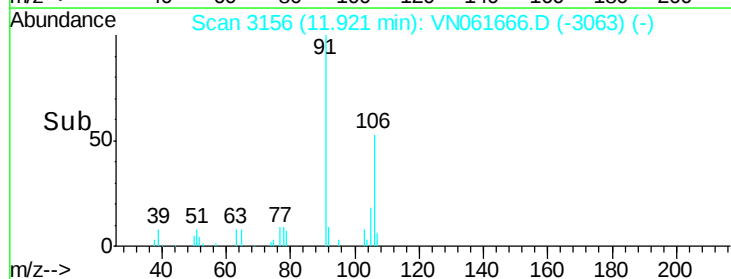
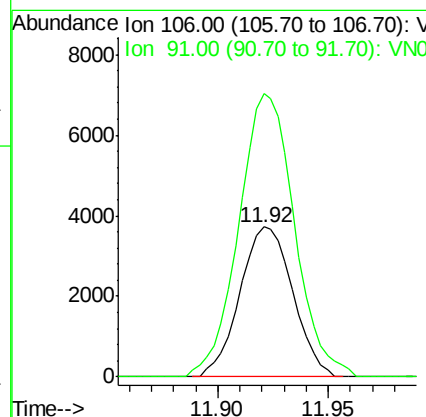
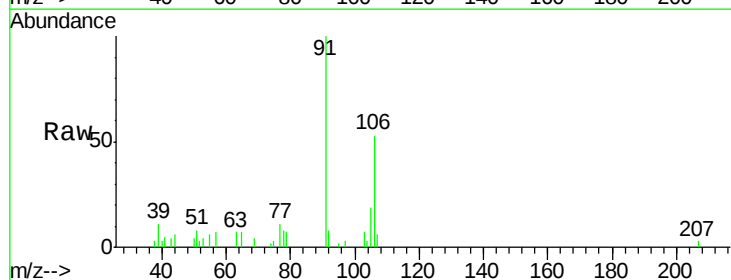
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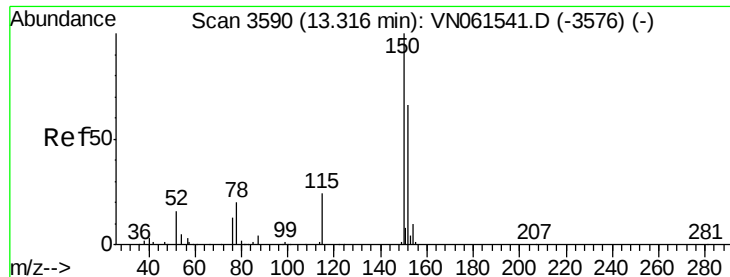
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#69
o-Xylene
Concen: 0.907 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Tgt Ion: 106 Resp: 6213
Ion Ratio Lower Upper
106 100
91 198.5 103.3 309.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061666.D

Acq: 5 Jun 2020 13:57

Instrument :

MSVOA_N

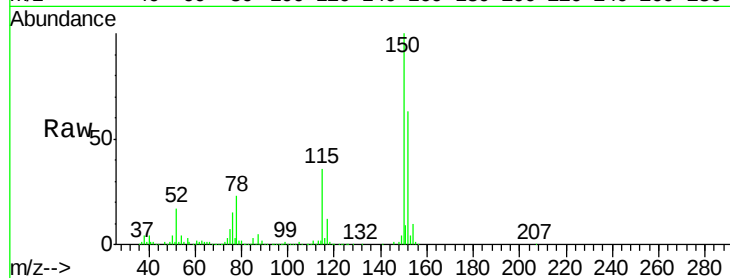
ClientSampled :

VE-3-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.0	84.0
150	155.9	0.0	344.0

Manual Integrations
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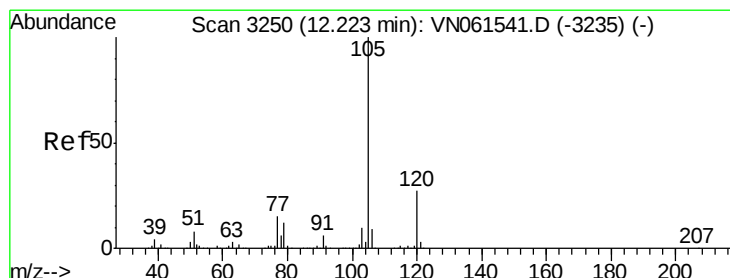
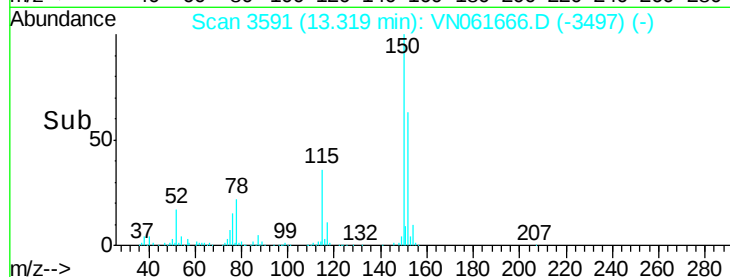
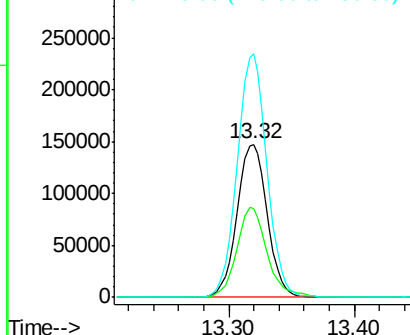


Abundance

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



#73

Isopropylbenzene

Concen: 0.276 ug/l

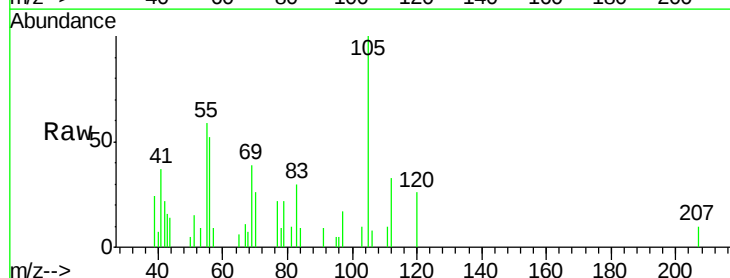
RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061666.D

Acq: 5 Jun 2020 13:57

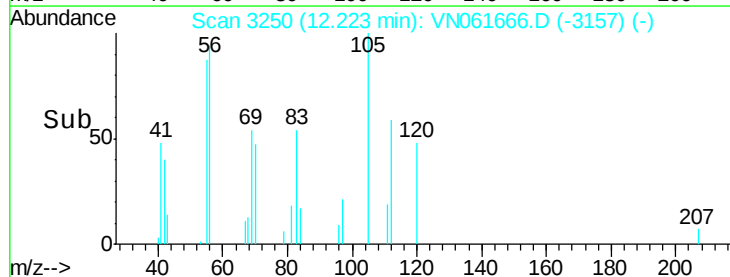
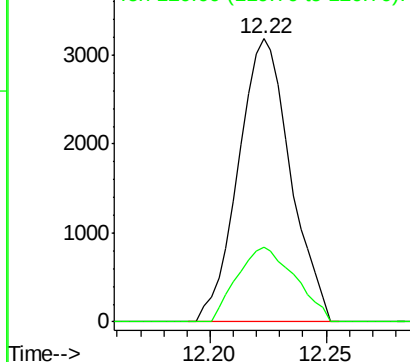
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.3	13.8	41.3

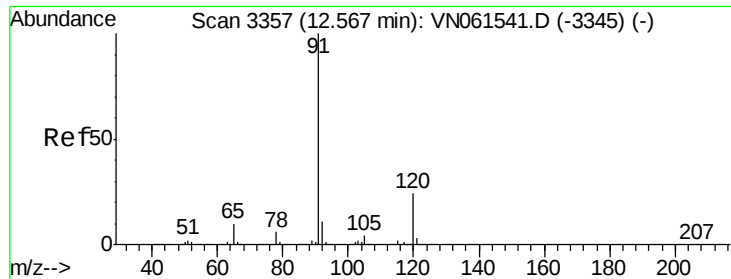


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.490 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN061666.D

Acq: 5 Jun 2020 13:57

Instrument :

MSVOA_N

ClientSampled :

VE-3-1

Tot Ion: 91 Resp: 9855

Ion Ratio Lower Upper

91 100

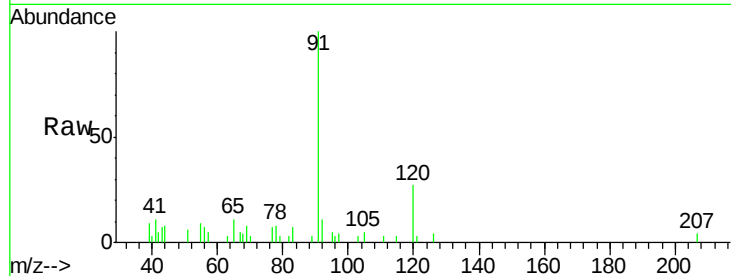
120 25.0 12.3 36.9

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Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3345) (-)

12.57

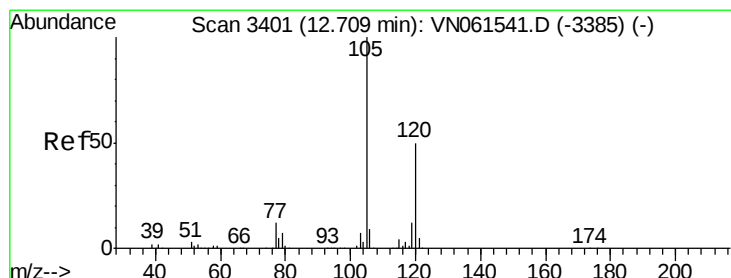
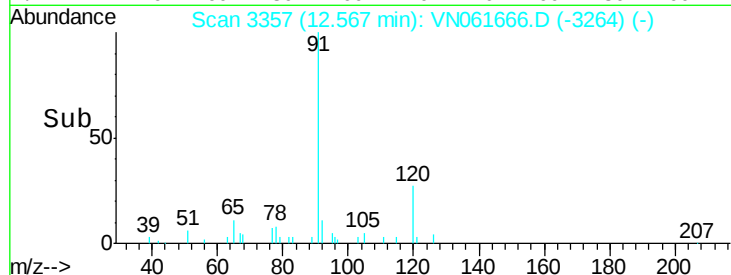
6000

4000

2000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.890 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061666.D

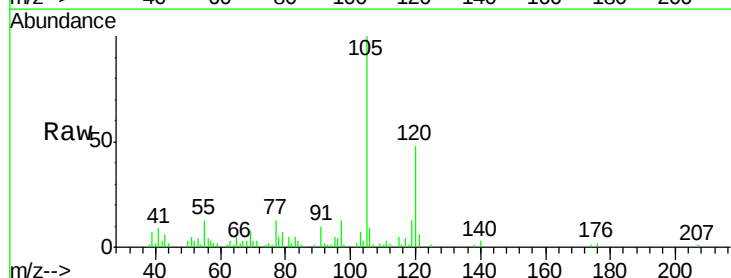
Acq: 5 Jun 2020 13:57

Tgt Ion: 105 Resp: 28450

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

12.71

20000

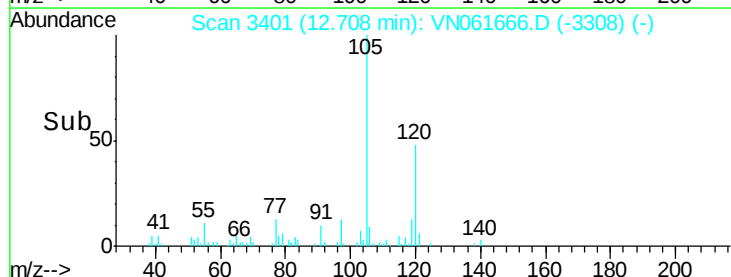
15000

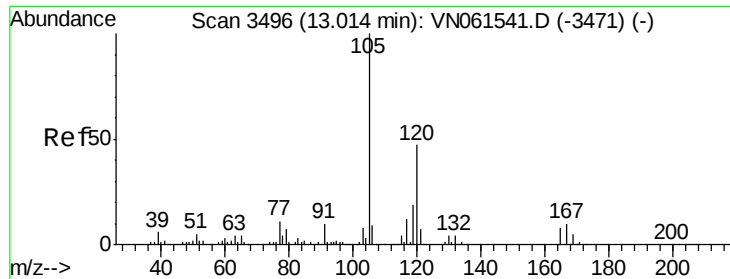
10000

5000

0

Time-->





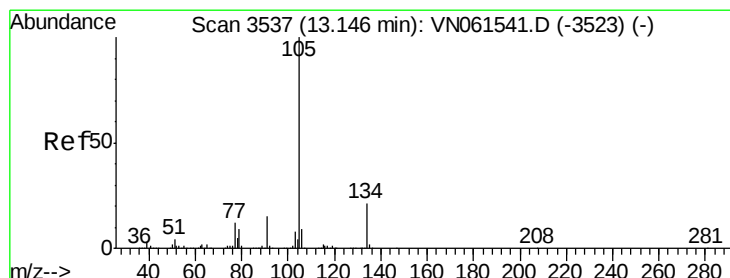
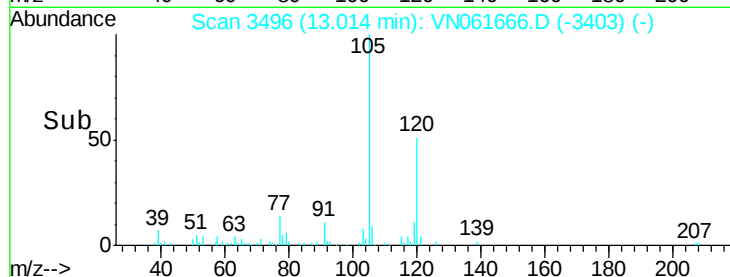
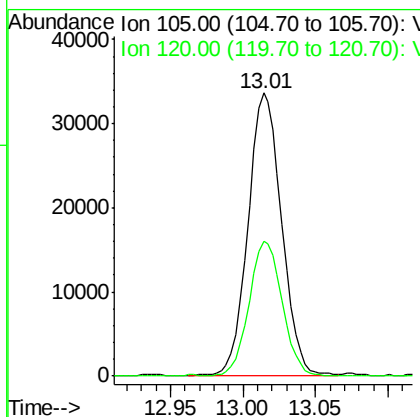
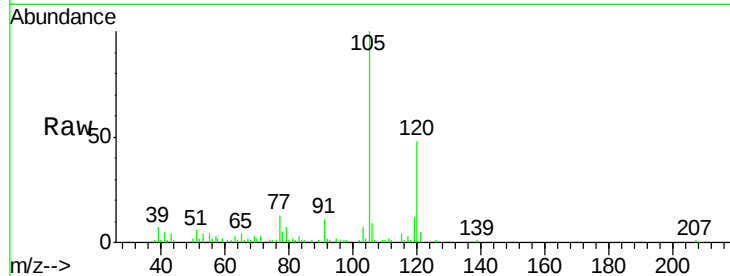
#84
1,2,4-Trimethylbenzene
Concen: 3.640 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Instrument :
MSVOA_N
ClientSampled :
VE-3-1

Tot Ion:105 Resp: 54448
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.5

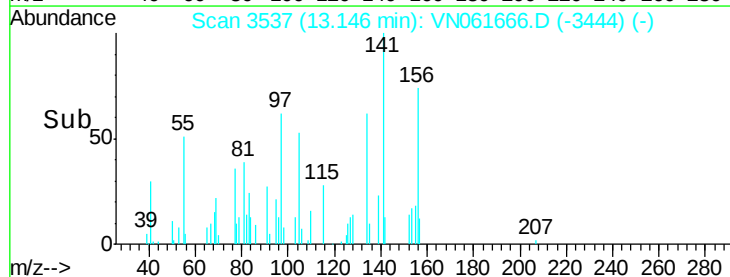
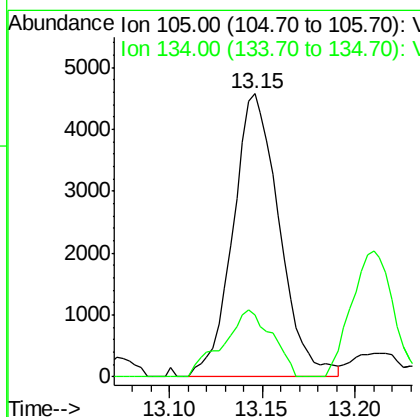
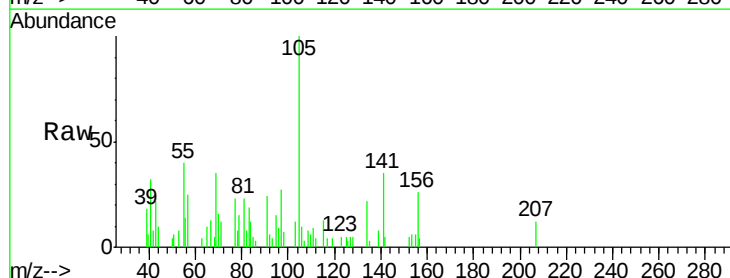
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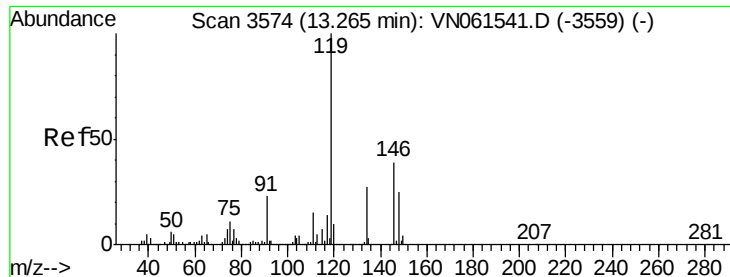
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#85
sec-Butylbenzene
Concen: 0.463 ug/l
RT: 13.15 min Scan# 3537
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Tgt Ion:105 Resp: 7930
Ion Ratio Lower Upper
105 100
134 25.0 10.7 31.9





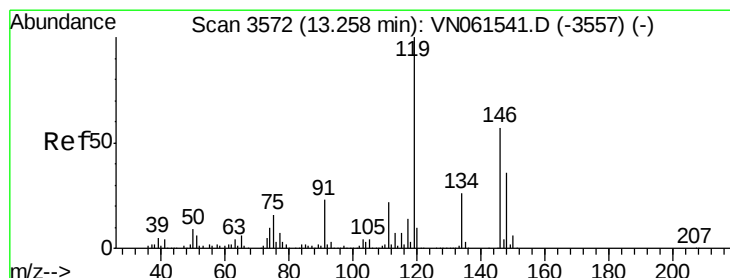
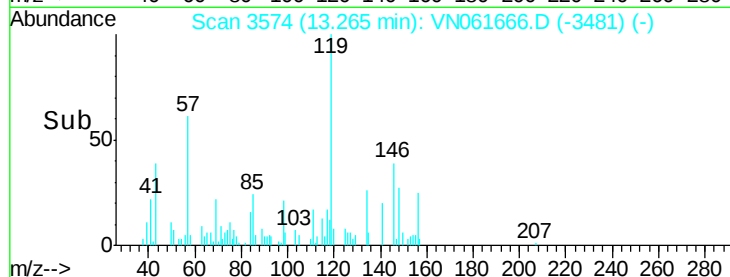
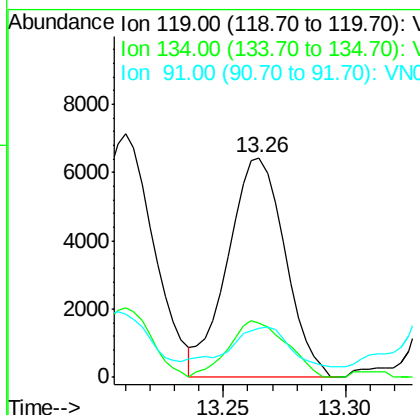
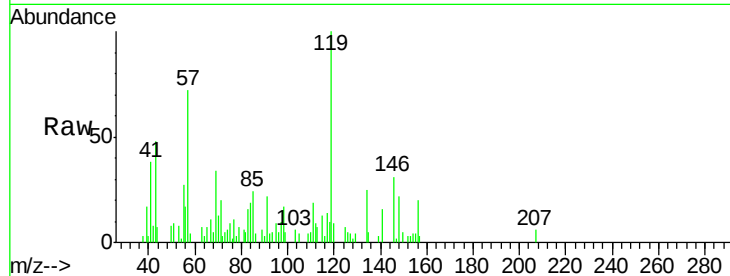
#86
 p-Isopropyltoluene
 Concen: 0.665 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061666.D
 Acq: 5 Jun 2020 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-3-1

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.5	40.5
91	18.4	11.4	34.1

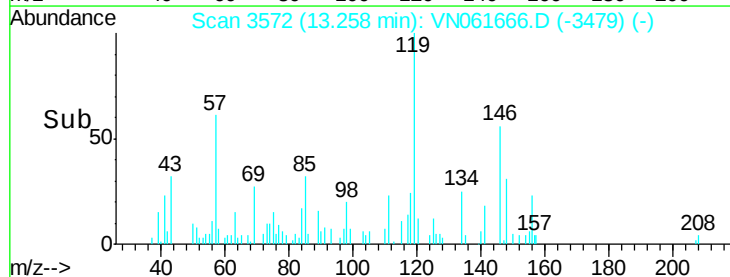
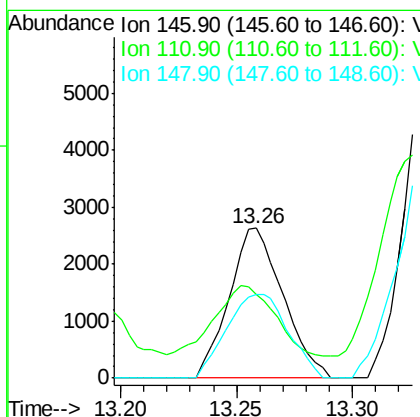
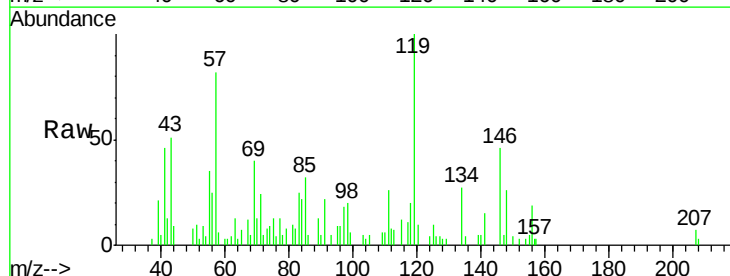
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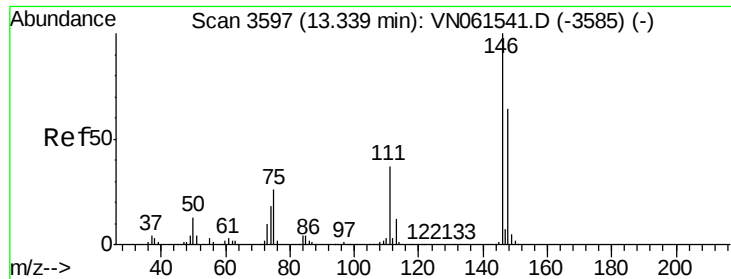
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#87
 1,3-Dichlorobenzene
 Concen: 0.520 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061666.D
 Acq: 5 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.8	19.2	57.6
148	63.7	31.7	95.1





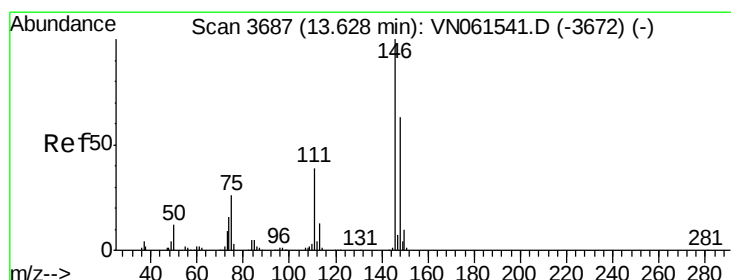
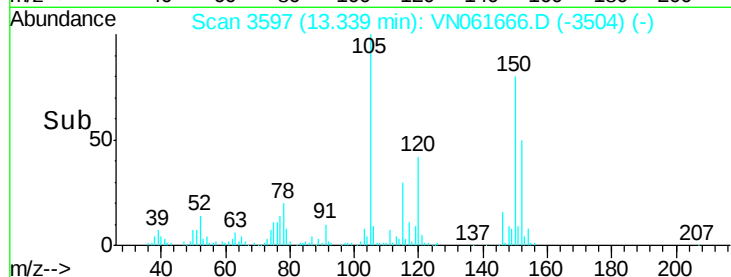
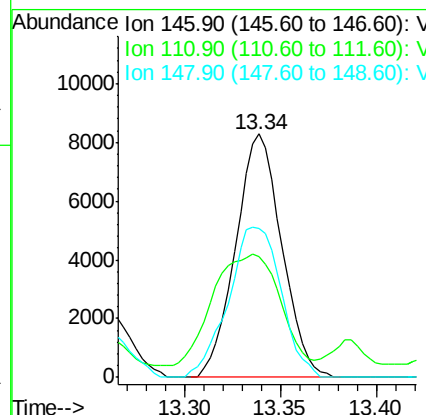
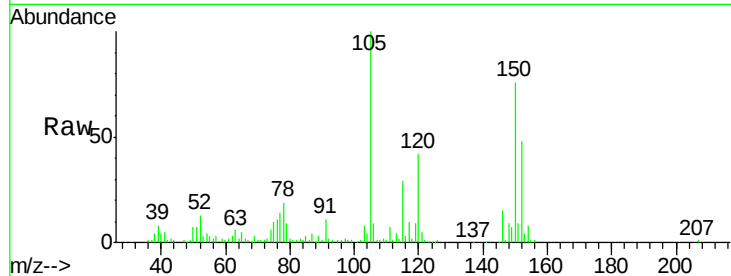
#88
1,4-Dichlorobenzene
Concen: 1.671 ug/l m
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Instrument :
MSVOA_N
ClientSampled :
VE-3-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	16.3	18.9	56.9#
148	19.5	31.8	95.3#

Manual Integrations
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#91
1,2-Dichlorobenzene
Concen: 2.298 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN061666.D
Acq: 5 Jun 2020 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.9	20.1	60.2
148	68.9	31.9	95.5

