

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049694.D
 Acq On : 3 Jul 2018 15:29
 Operator : MD\SY
 Sample : J3811-05DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL

Manual Integrations
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Quant Time: Jul 05 09:21:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1329447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2120488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1796011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	837277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	888259	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	7.59	113	771464	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	10.09	98	2852555	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	896855	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
Target Compounds						
73) Isopropylbenzene	12.25	105	71594	1.073	ug/l	99
78) n-propylbenzene	12.59	91	225801	2.954	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1021579	18.433	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3142241	55.178	ug/l	100
85) sec-Butylbenzene	13.17	105	92696m	1.470	ug/l	

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

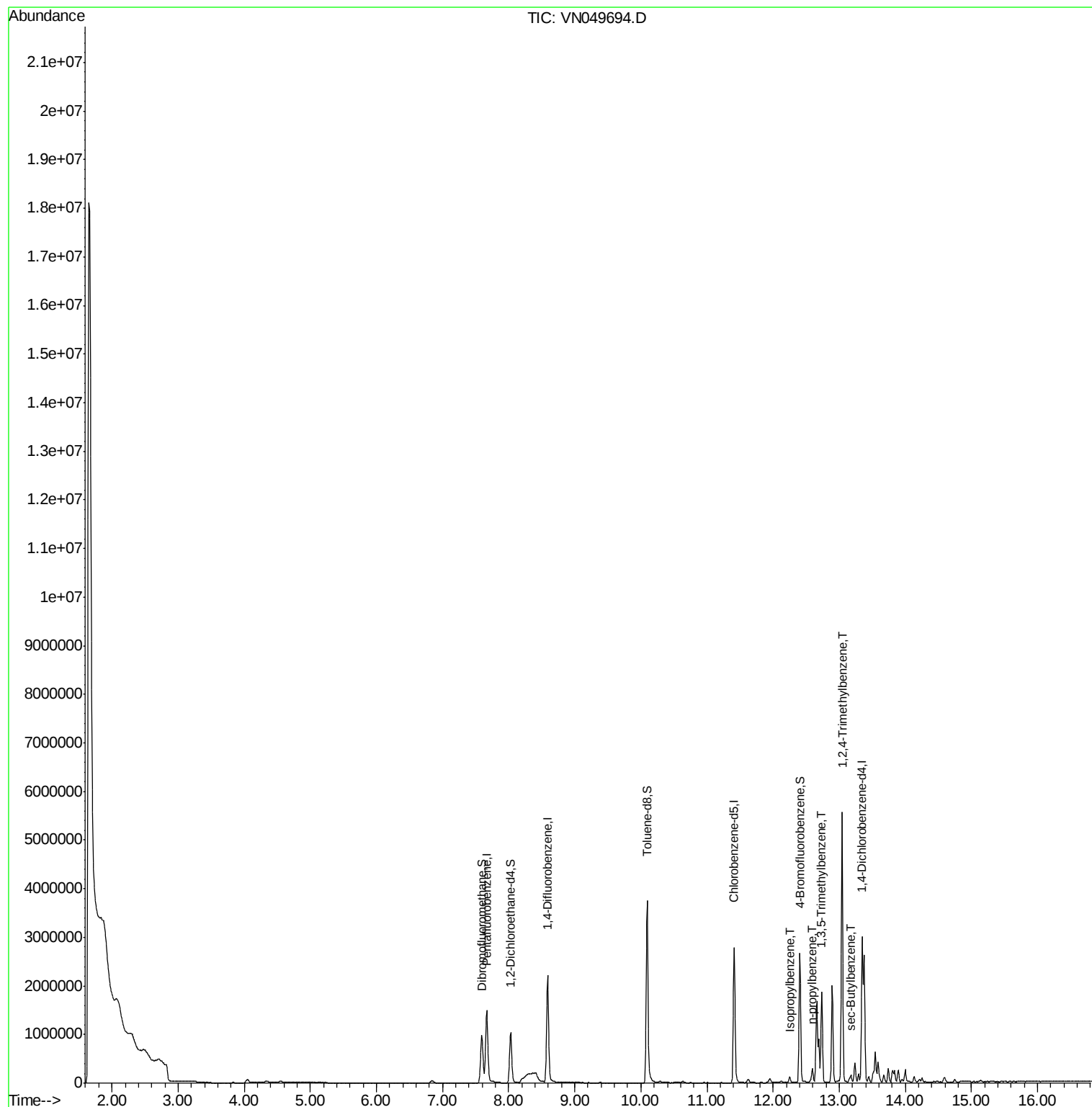
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049694.D
Acq On : 3 Jul 2018 15:29
Operator : MD\SY
Sample : J3811-05DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

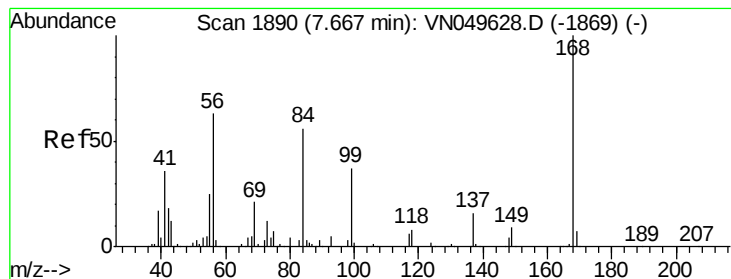
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

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Quant Time: Jul 05 09:21:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

MW-2DL

Tot Ion:168 Resp: 1329447

Ion Ratio Lower Upper

168 100

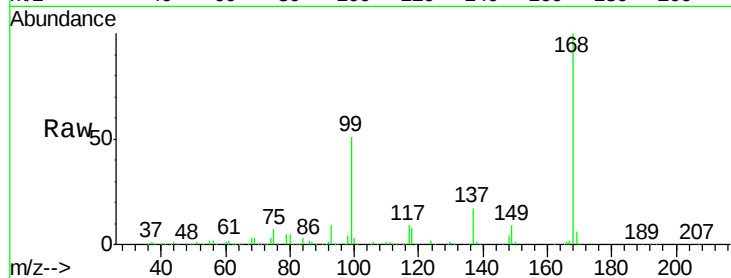
99 51.1 40.6 61.0

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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

600000

500000

400000

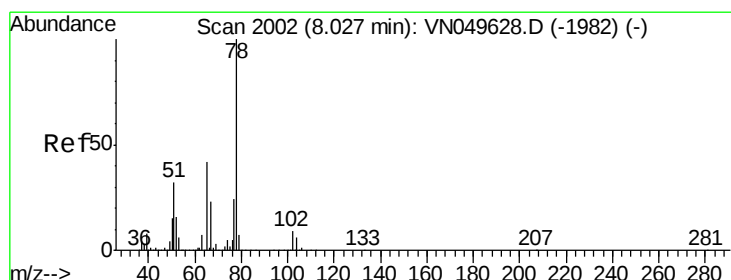
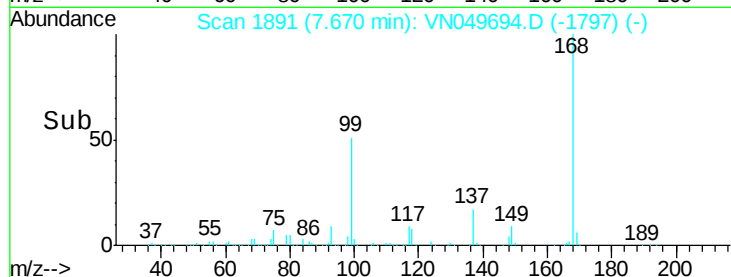
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.594 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049694.D

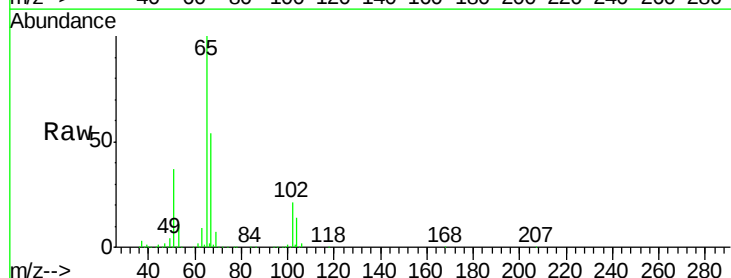
Acq: 3 Jul 2018 15:29

Tgt Ion: 65 Resp: 888259

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

400000

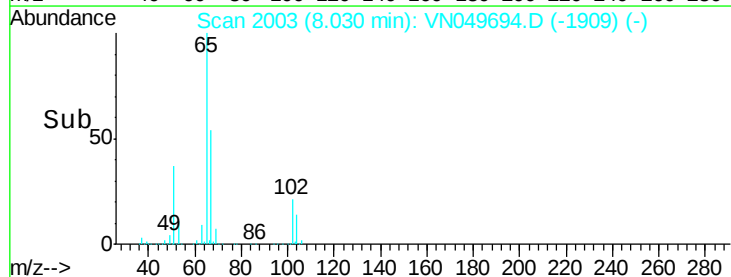
300000

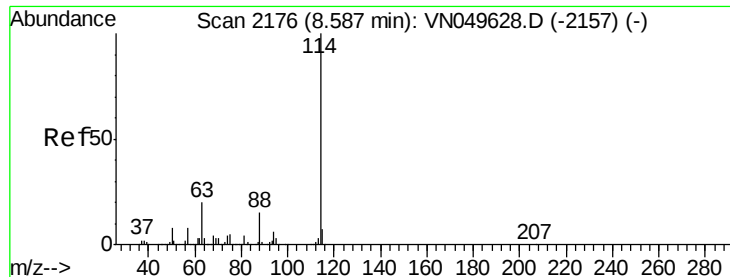
200000

100000

0

Time-->





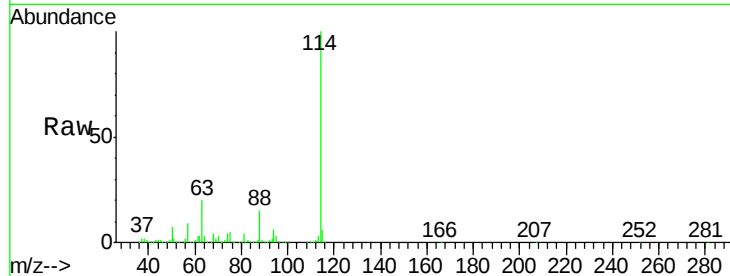
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.3	0.0	30.6

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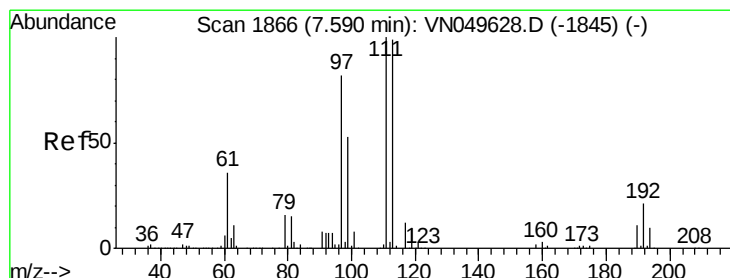
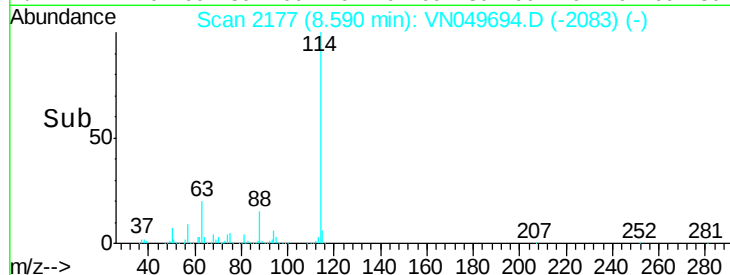
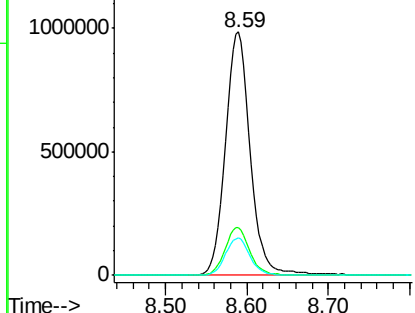
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Abundance Ion 113.90 (113.60 to 114.60): V

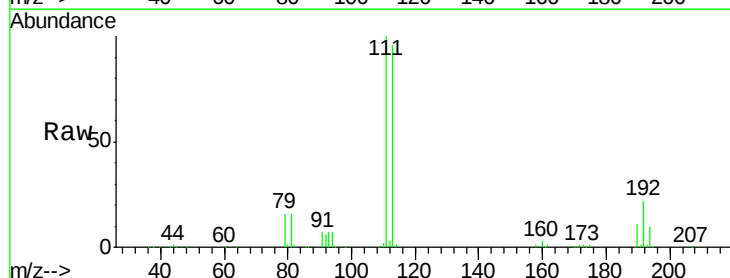
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 48.664 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

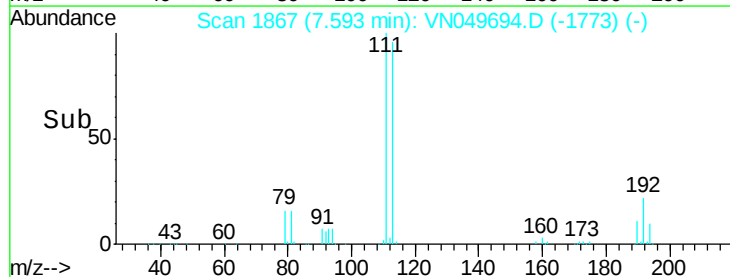
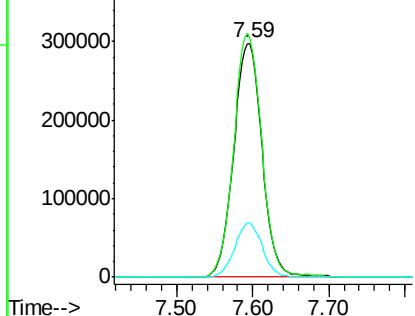
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	22.5	17.8	26.6

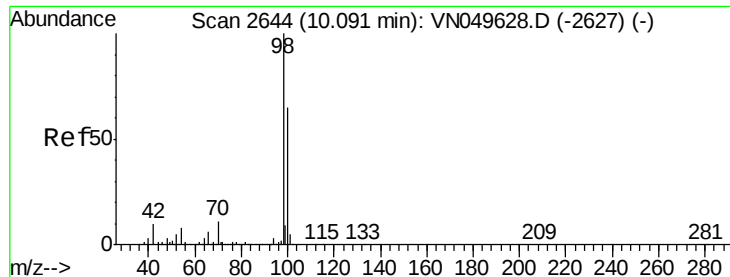


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





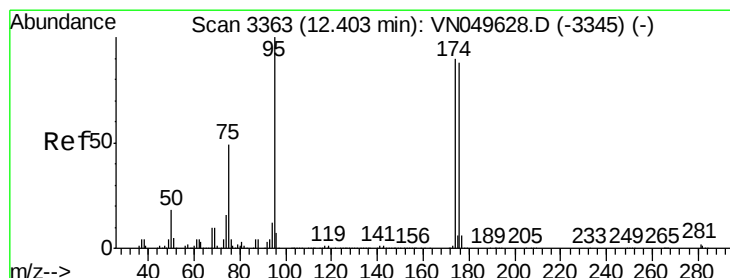
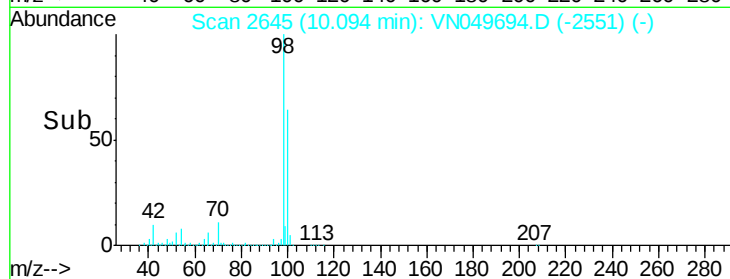
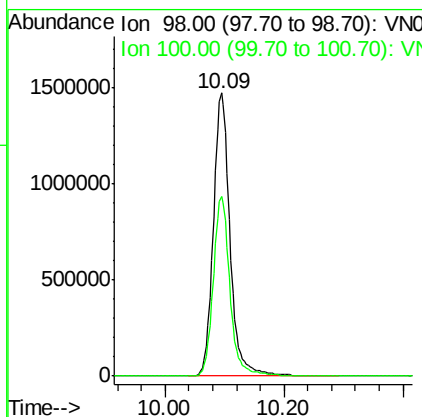
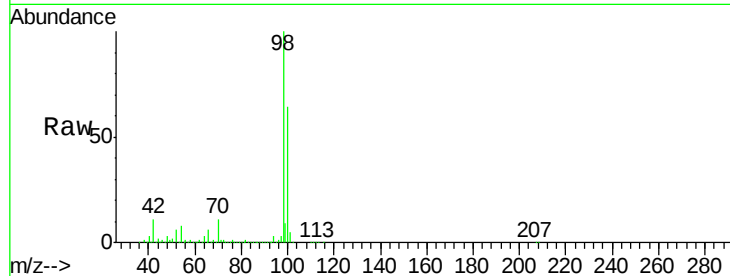
#50
Toluene-d8
Concen: 45.971 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

Tot Ion: 98 Resp: 2852555
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5

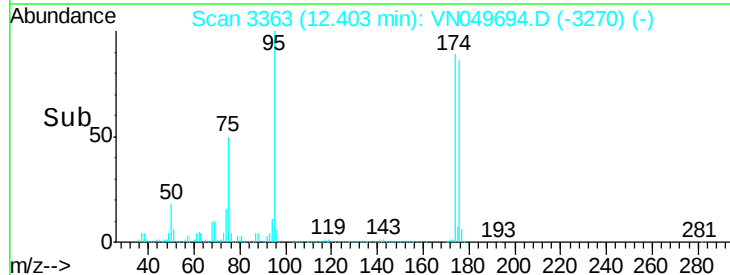
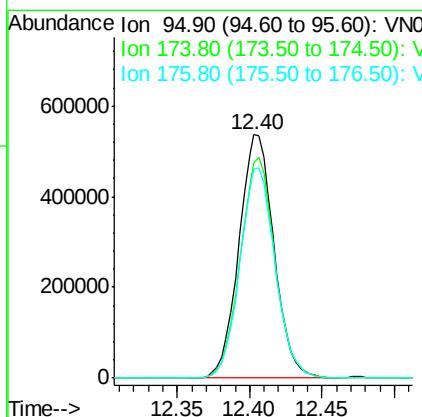
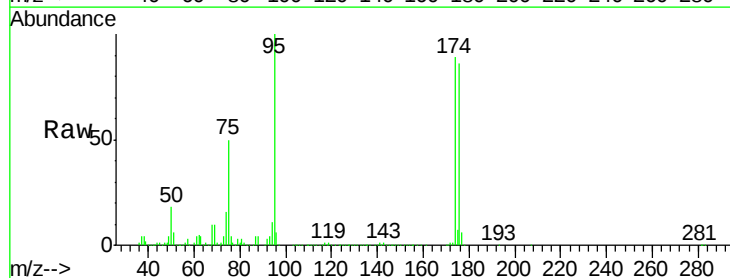
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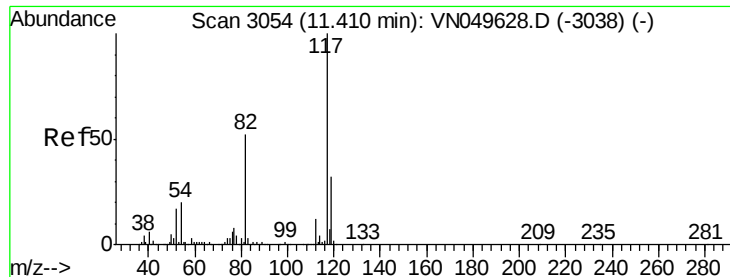
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#62
4-Bromofluorobenzene
Concen: 42.334 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion: 95 Resp: 896855
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.6
176 87.2 0.0 174.0





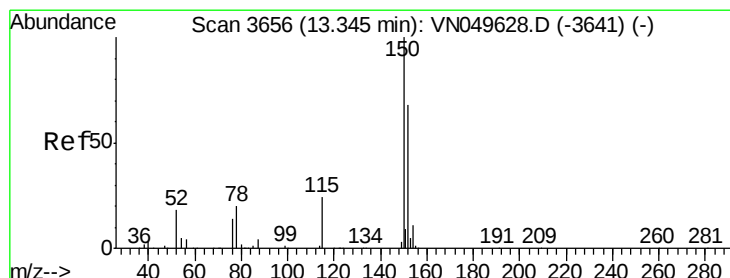
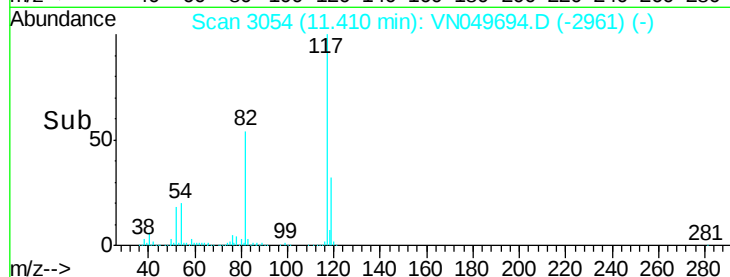
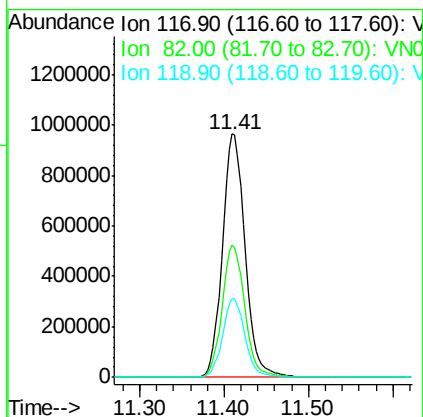
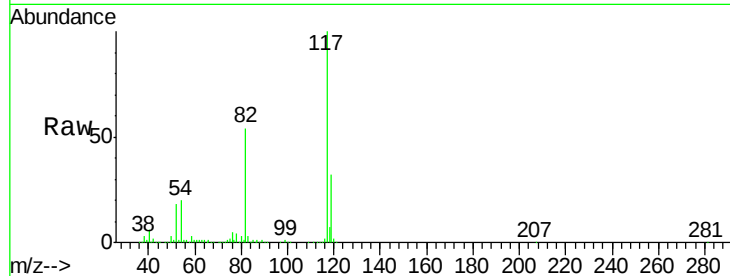
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.9	62.9
119	32.1	25.4	38.2

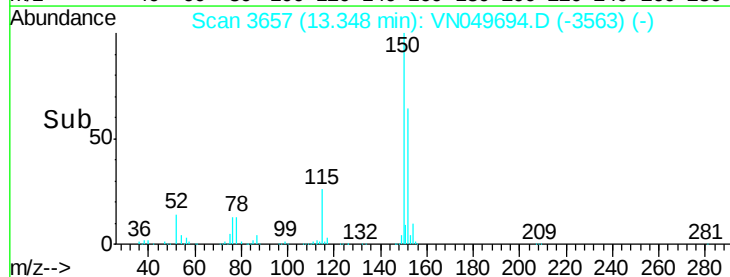
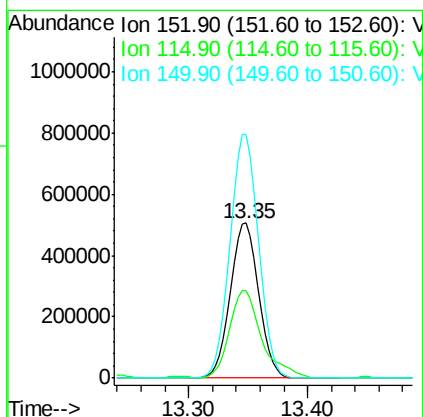
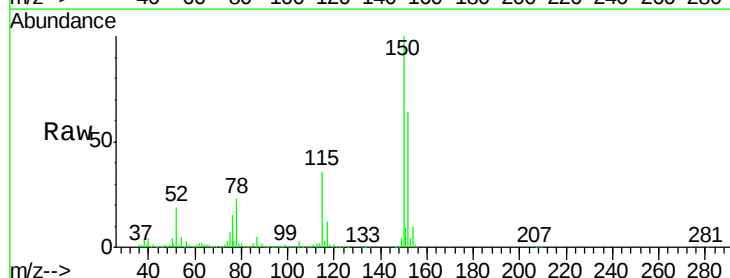
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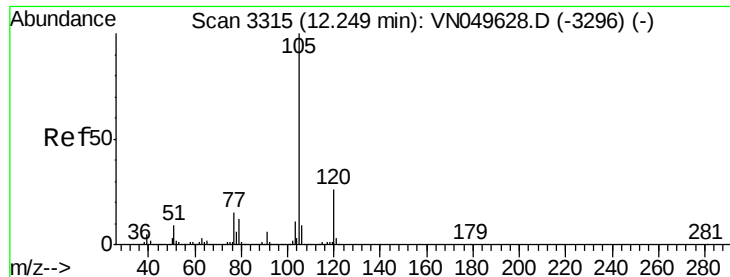
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049694.D
Acq: 3 Jul 2018 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	28.1	84.2
150	158.5	0.0	347.6





#73

Isopropylbenzene

Concen: 1.073 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampleId :

MW-2DL

Tot Ion: 105 Resp: 71594

Ion Ratio Lower Upper

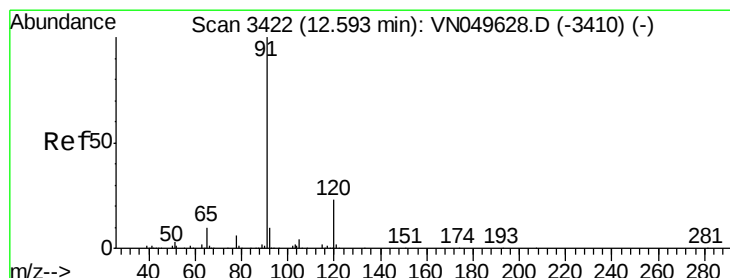
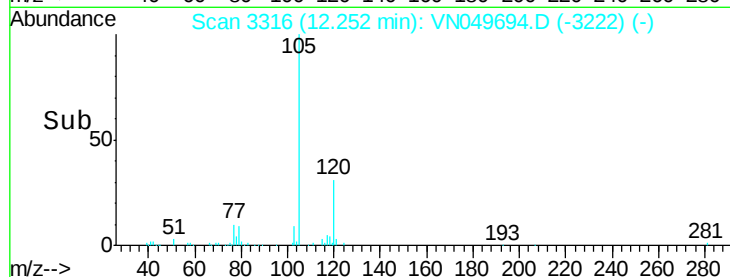
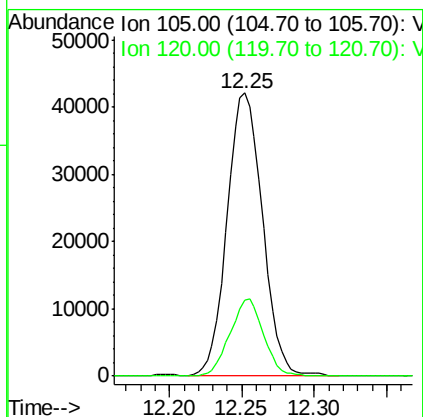
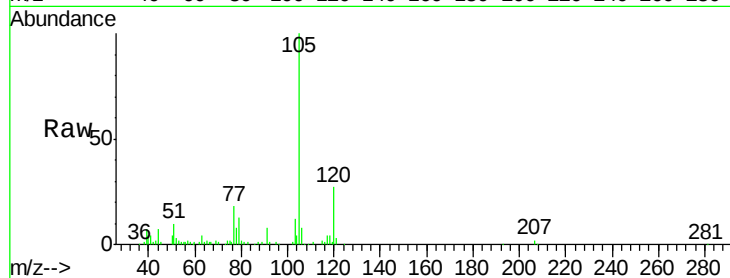
105 100

120 25.7 13.3 39.8

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#78

n-propylbenzene

Concen: 2.954 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049694.D

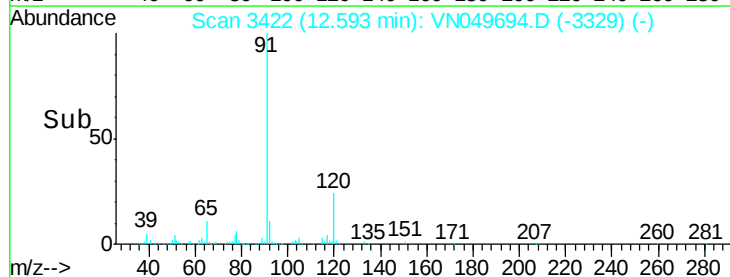
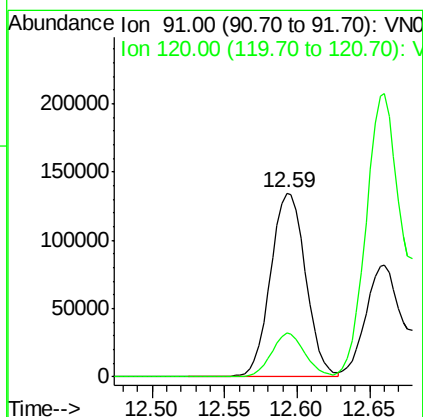
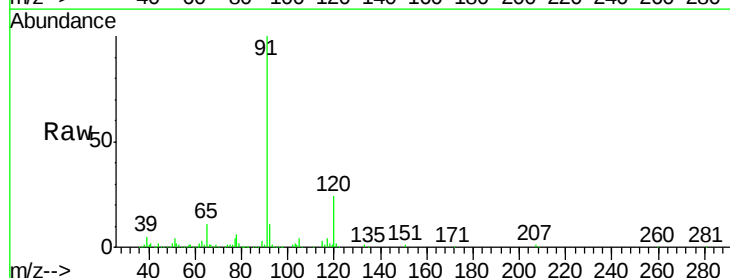
Acq: 3 Jul 2018 15:29

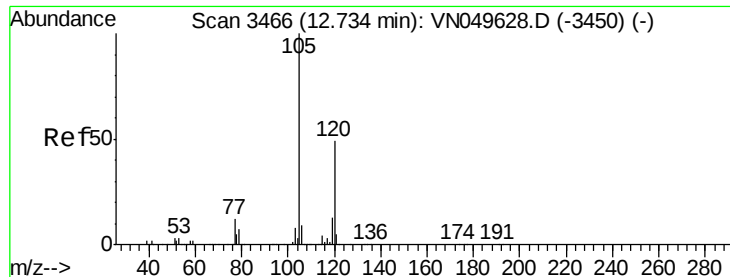
Tgt Ion: 91 Resp: 225801

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 18.433 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049694.D

Acq: 3 Jul 2018 15:29

Instrument :

MSVOA_N

ClientSampled :

MW-2DL

Tot Ion:105 Resp: 1021579

Ion Ratio Lower Upper

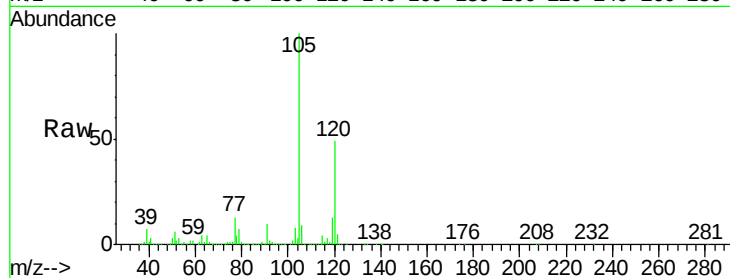
105 100

120 49.0 24.3 72.8

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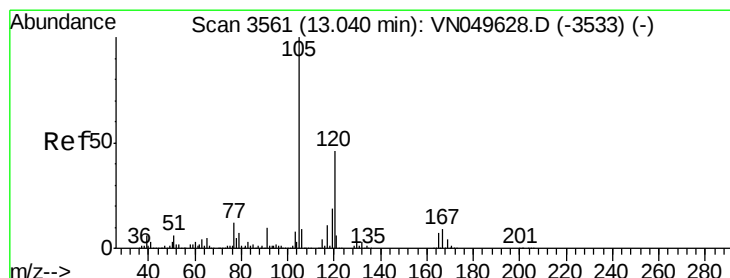
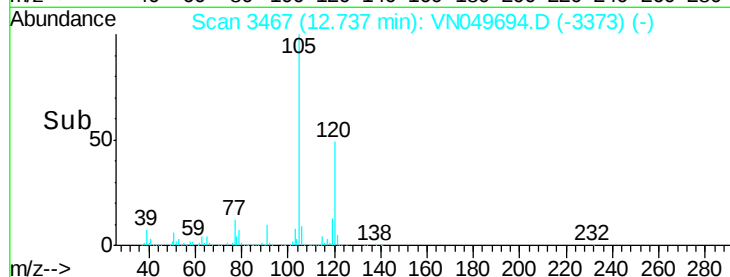
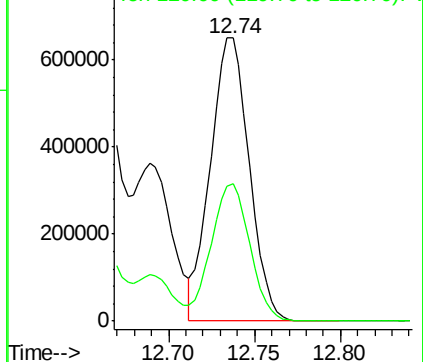
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.178 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049694.D

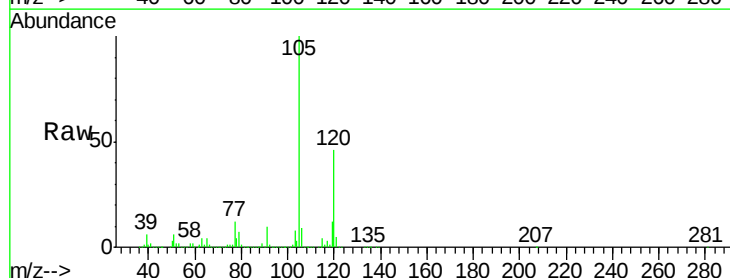
Acq: 3 Jul 2018 15:29

Tgt Ion:105 Resp: 3142241

Ion Ratio Lower Upper

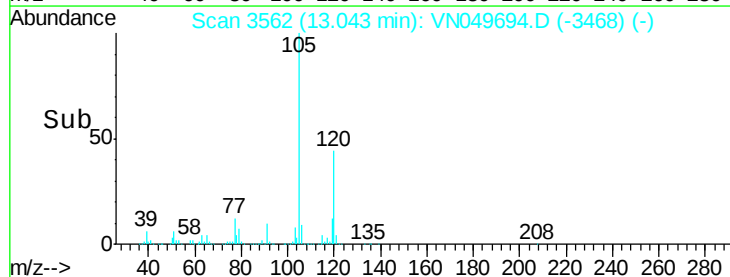
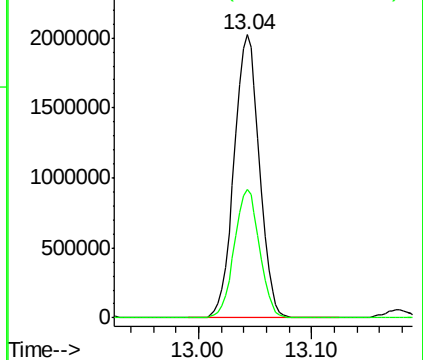
105 100

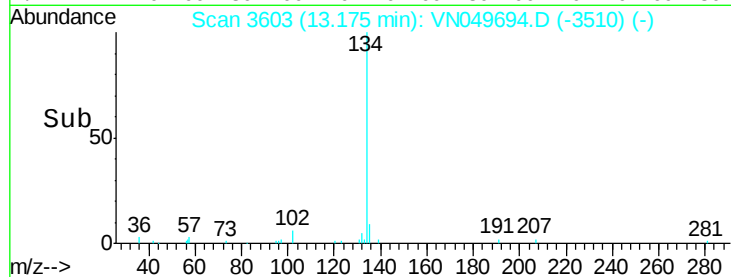
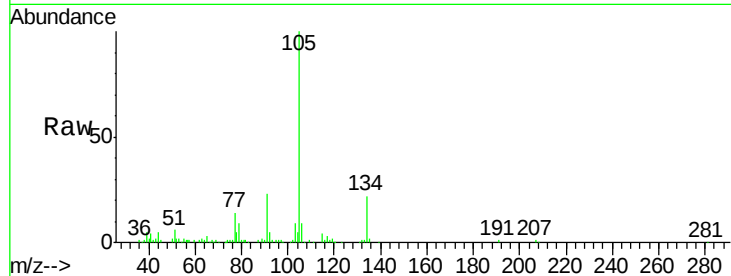
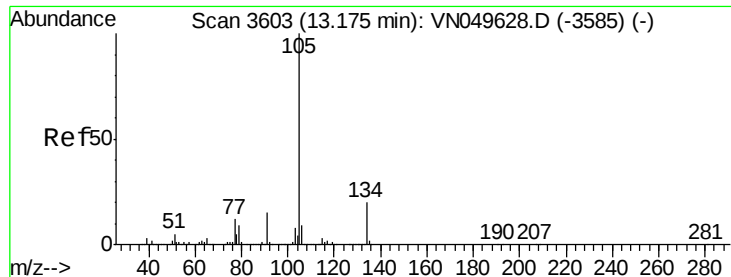
120 45.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85
 sec-Butylbenzene
 Concen: 1.470 ug/l m
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN049694.D
 Acq: 3 Jul 2018 15:29

Tot Ion	Ratio	Resp Lower	Upper
105	100		
134	0.0	10.1	30.1#

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL

Manual Integrations
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