

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049315.D
 Acq On : 16 Jun 2018 17:46
 Operator : MD\SY
 Sample : J3564-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:24 PM

Quant Time: Jun 18 10:02:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1355071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2170671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1789414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	617347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	920397	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	7.59	113	834150	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	3002007	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	804870	36.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.80%	
Target Compounds						
73) Isopropylbenzene	12.25	105	18185	0.34	ug/l	Qvalue 100
78) n-propylbenzene	12.59	91	19867	0.33	ug/l	95
83) tert-Butylbenzene	13.00	119	30101	0.80	ug/l	95
85) sec-Butylbenzene	13.17	105	70602m	1.41	ug/l	

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

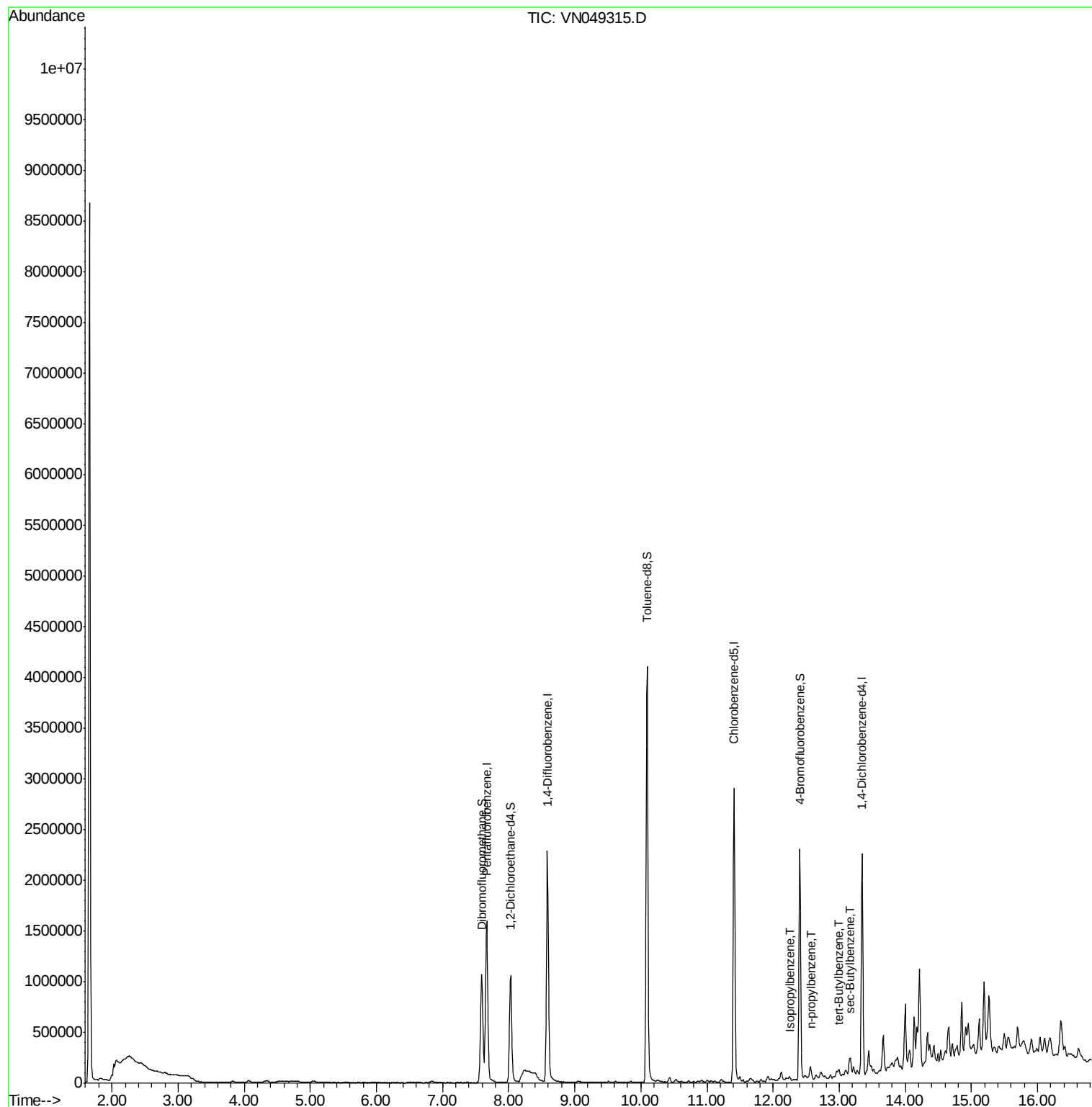
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049315.D
Acq On : 16 Jun 2018 17:46
Operator : MD\SY
Sample : J3564-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

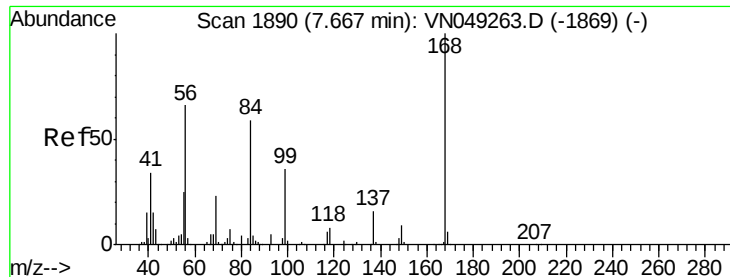
Instrument :
MSVOA_N
ClientSampleId :
MW-15

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Quant Time: Jun 18 10:02:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049315.D

Acq: 16 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampleId :

MW-15

Tot Ion:168 Resp: 1355071

Ion Ratio Lower Upper

168 100

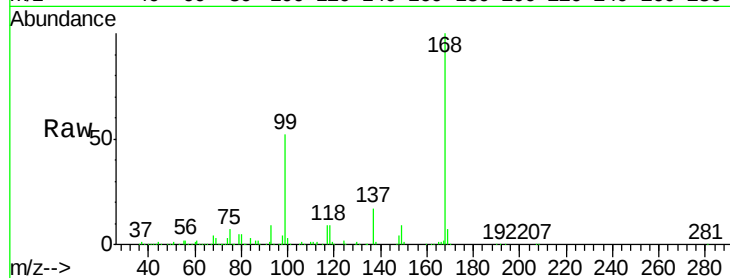
99 51.8 45.8 68.6

Manual Integrations

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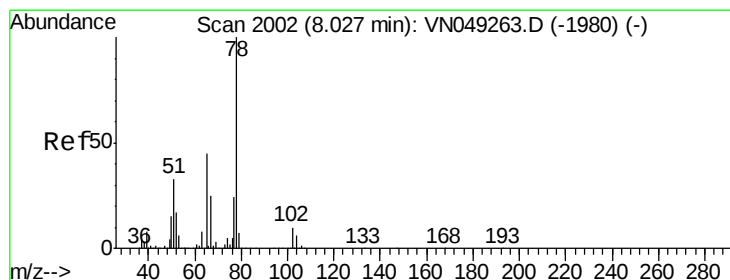
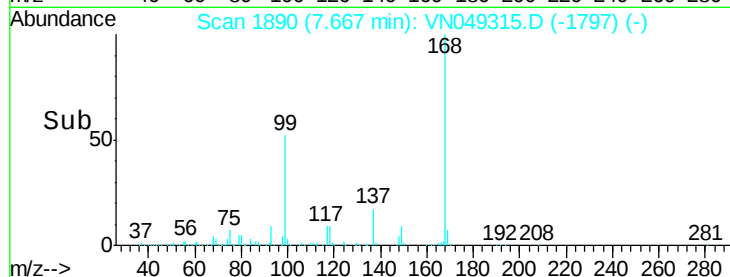
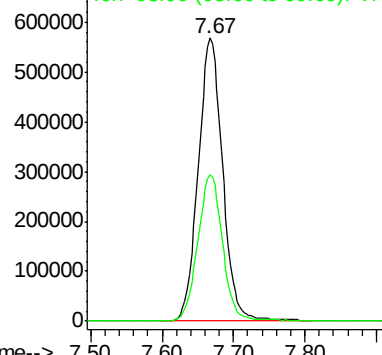
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.21 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049315.D

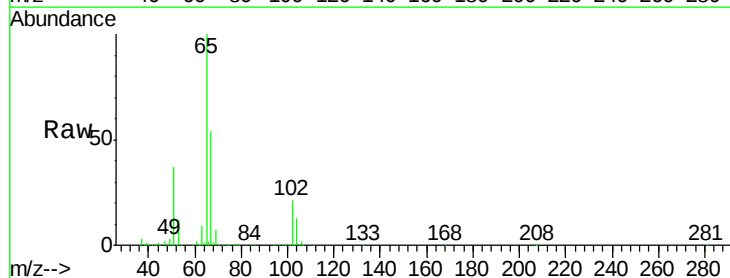
Acq: 16 Jun 2018 17:46

Tgt Ion: 65 Resp: 920397

Ion Ratio Lower Upper

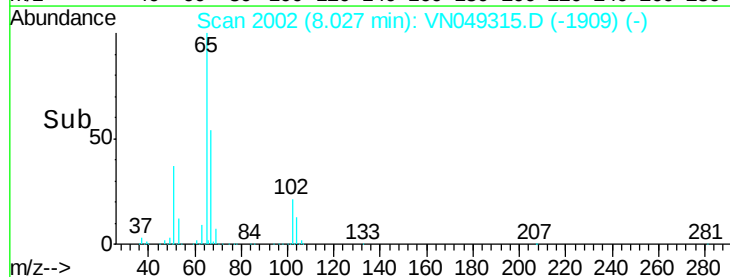
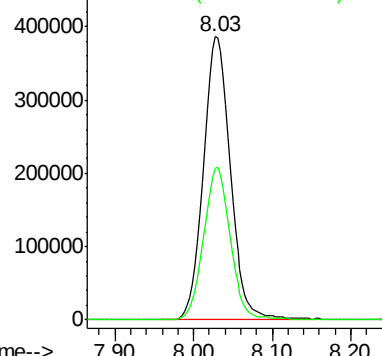
65 100

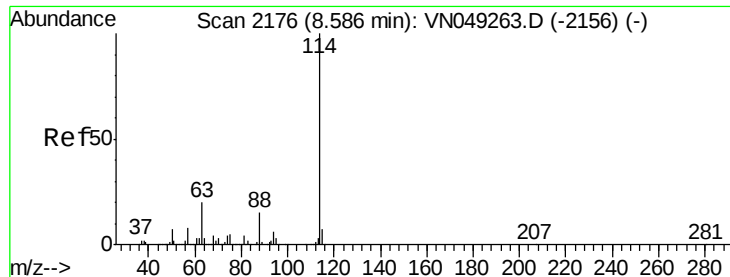
67 53.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





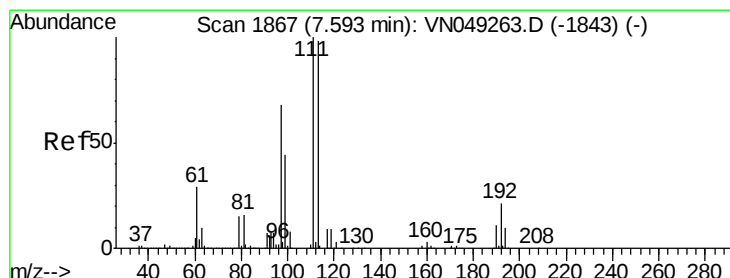
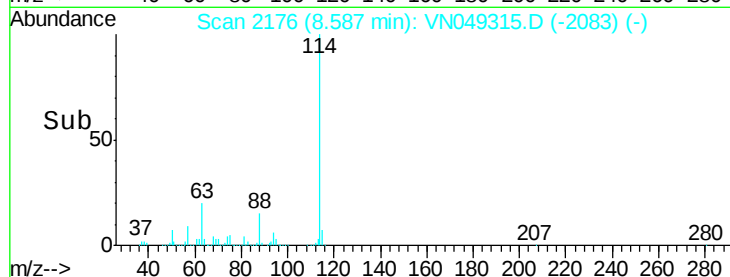
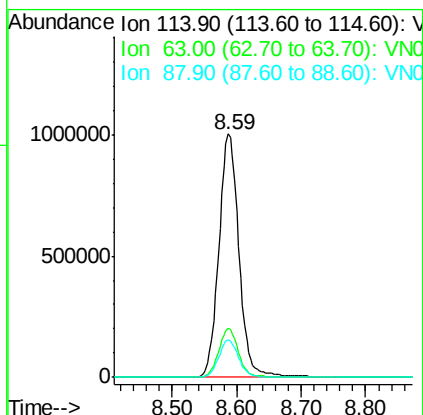
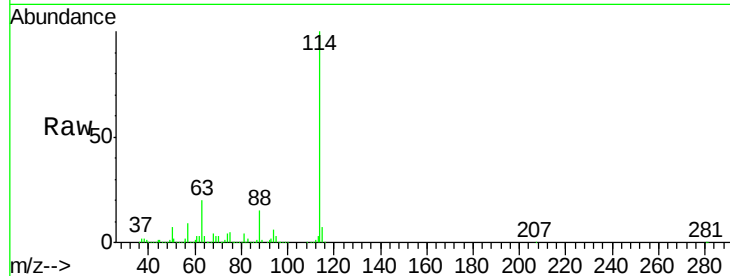
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049315.D
 Acq: 16 Jun 2018 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	44.4
88	15.4	0.0	31.4

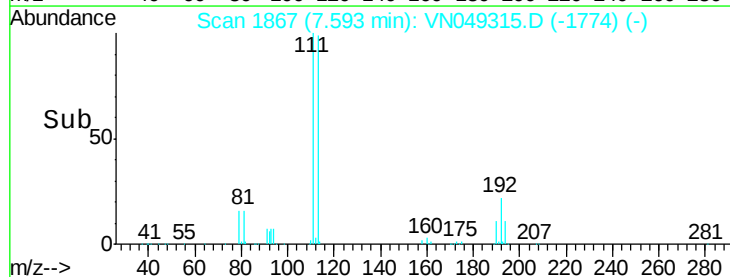
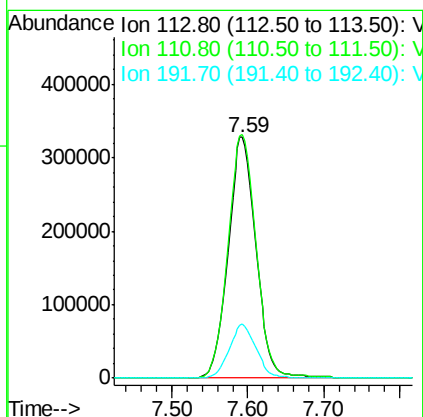
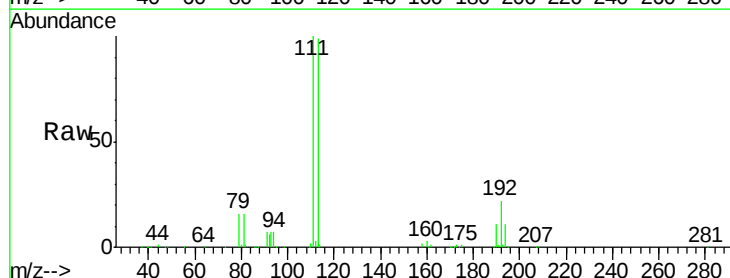
Manual Integrations
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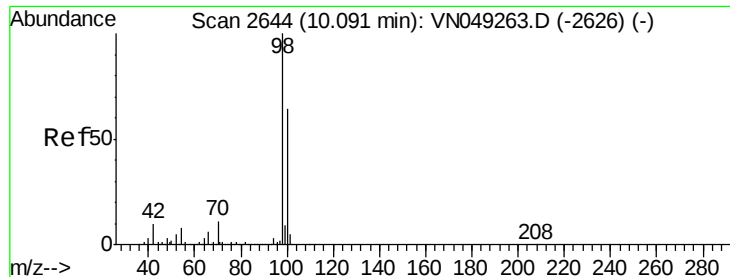
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#35
 Dibromofluoromethane
 Concen: 47.50 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049315.D
 Acq: 16 Jun 2018 17:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	21.7	15.0	22.6





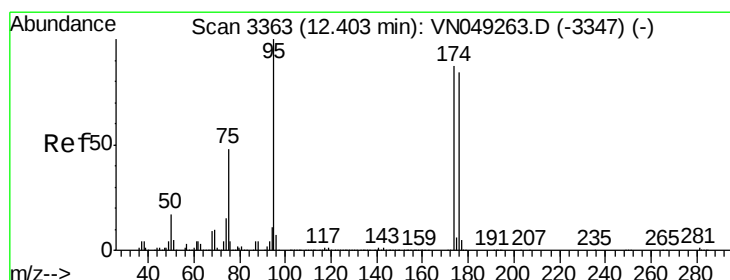
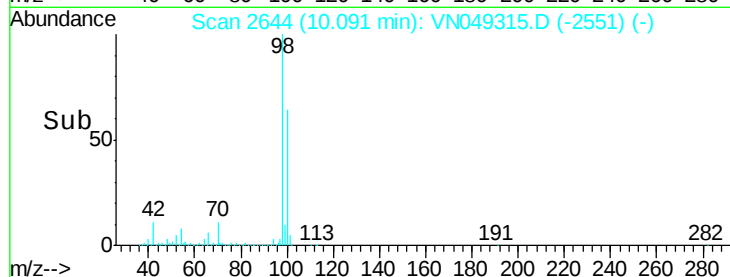
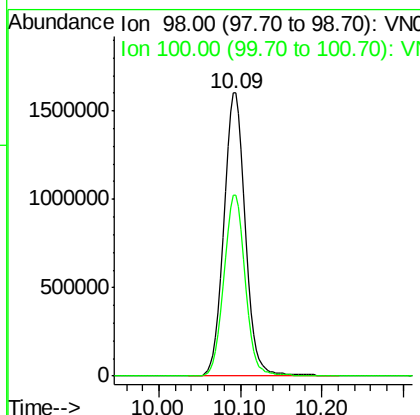
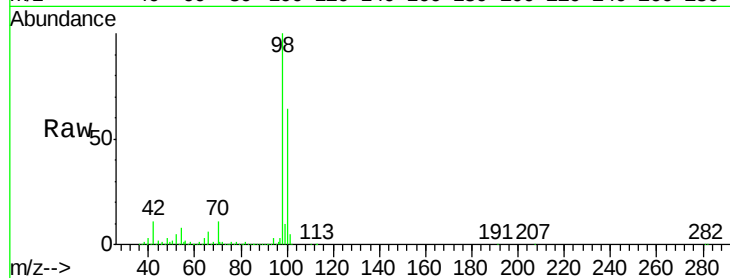
#50
Toluene-d8
Concen: 44.89 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049315.D
Acq: 16 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Tot Ion: 98 Resp: 3002007
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.8

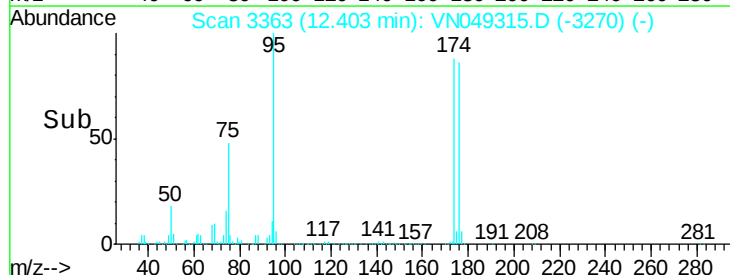
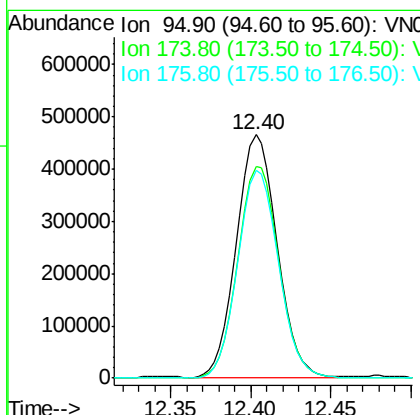
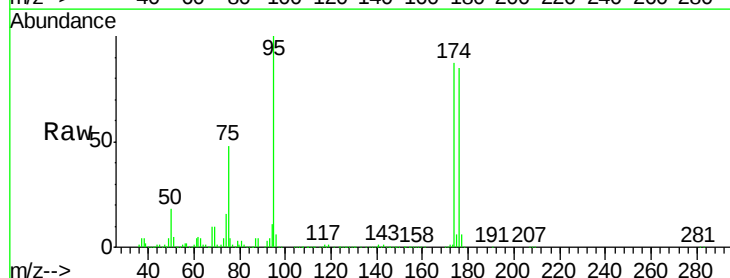
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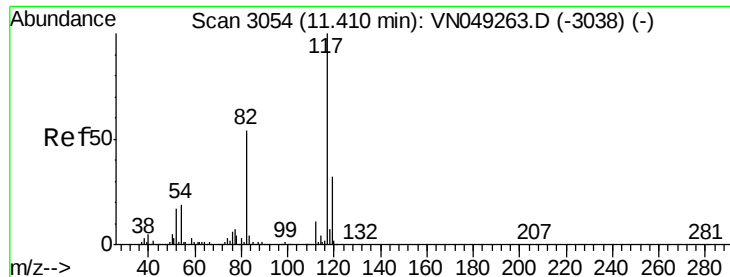
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#62
4-Bromofluorobenzene
Concen: 36.40 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049315.D
Acq: 16 Jun 2018 17:46

Tgt Ion: 95 Resp: 804870
Ion Ratio Lower Upper
95 100
174 88.6 0.0 165.6
176 86.1 0.0 157.4





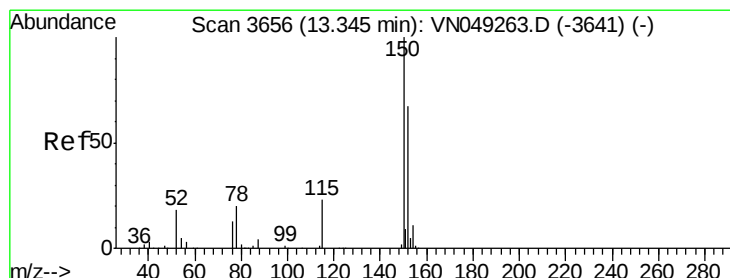
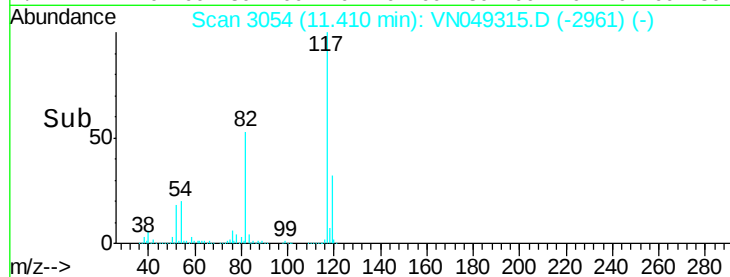
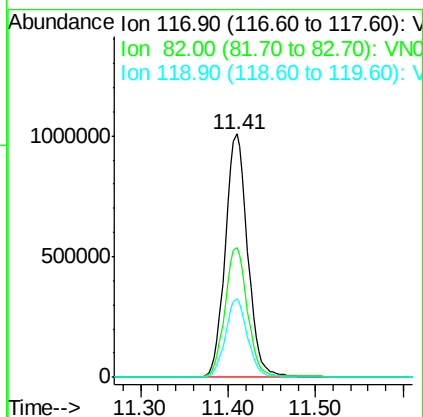
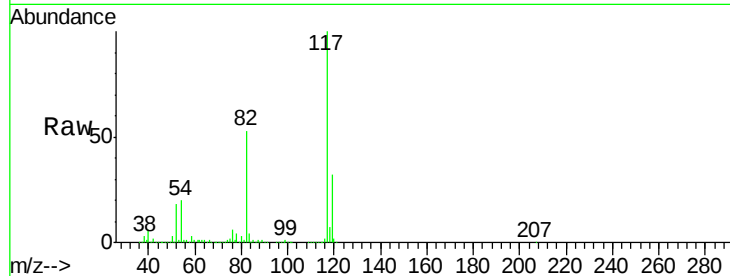
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049315.D
Acq: 16 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampled :
MW-15

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.9	68.9
119	32.0	25.5	38.3

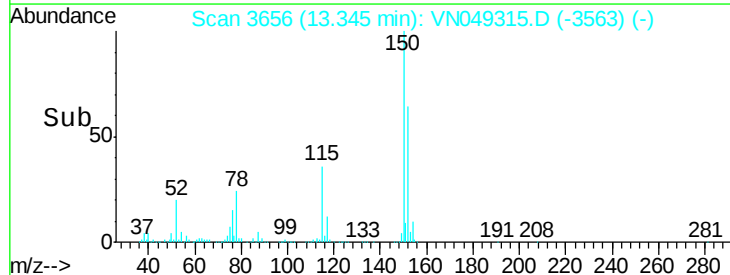
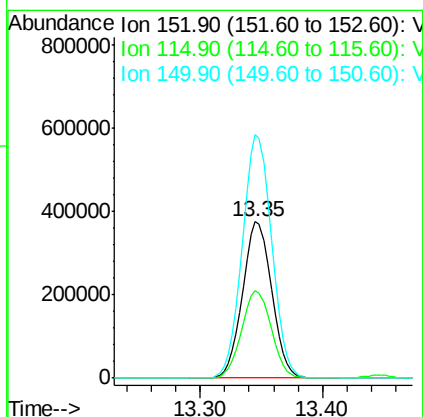
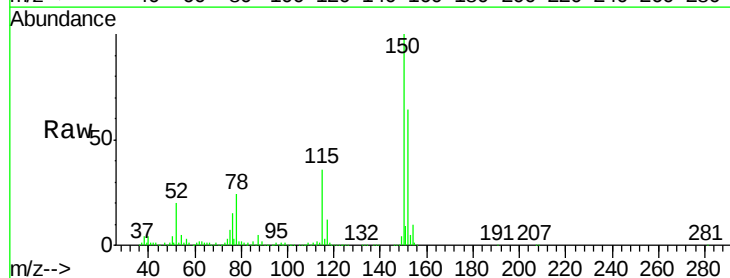
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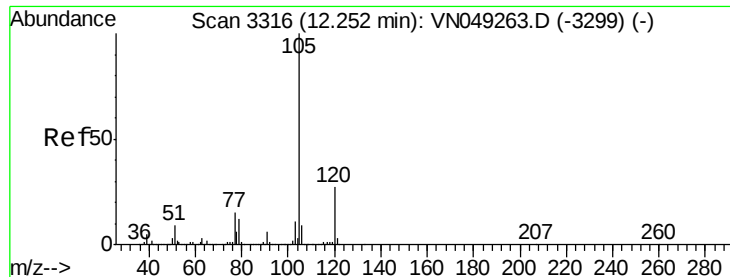
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049315.D
Acq: 16 Jun 2018 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.7	86.1
150	156.8	0.0	351.0





#73

Isopropylbenzene

Concen: 0.34 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049315.D

Acq: 16 Jun 2018 17:46

Instrument :

MSVOA_N

ClientSampled :

MW-15

Tot Ion: 105 Resp: 18185

Ion Ratio Lower Upper

105 100

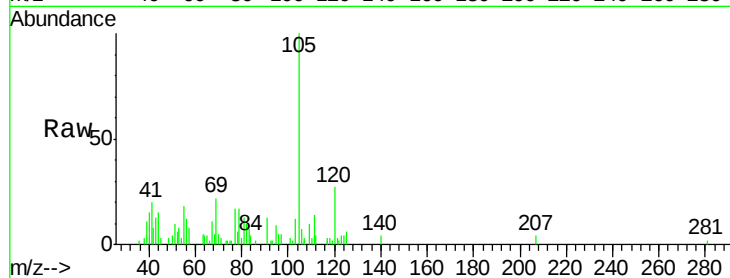
120 25.6 12.8 38.3

Manual Integrations

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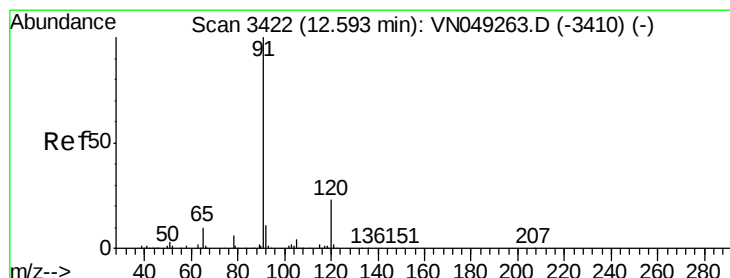
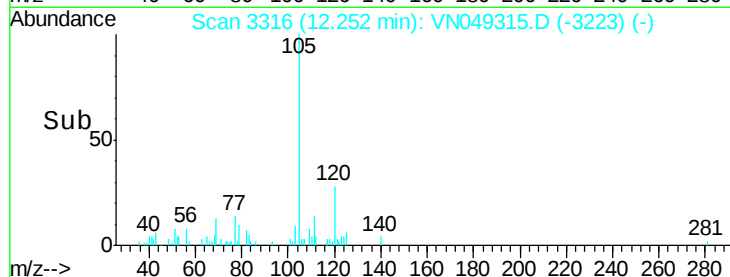
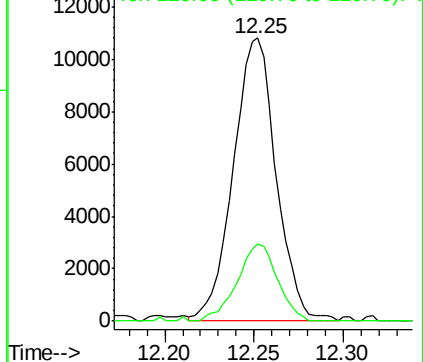
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.33 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN049315.D

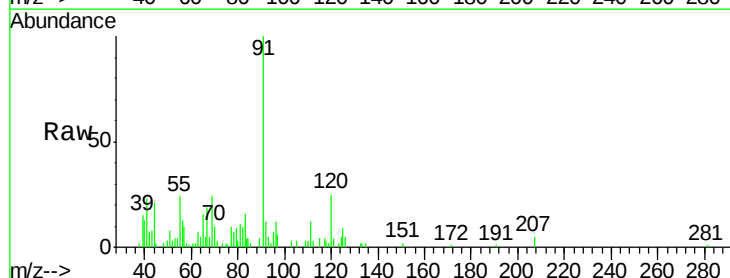
Acq: 16 Jun 2018 17:46

Tgt Ion: 91 Resp: 19867

Ion Ratio Lower Upper

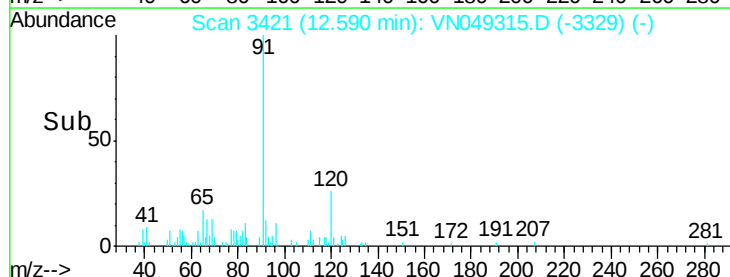
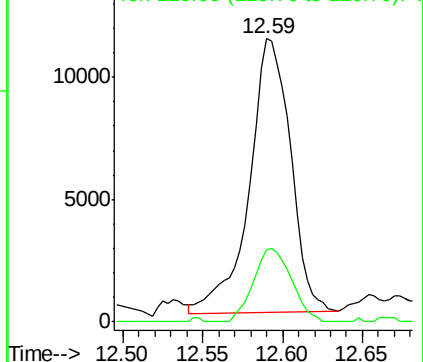
91 100

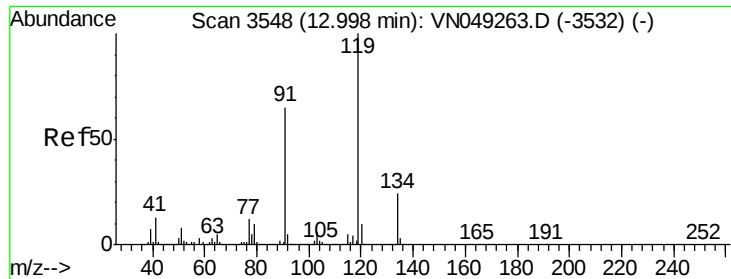
120 24.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





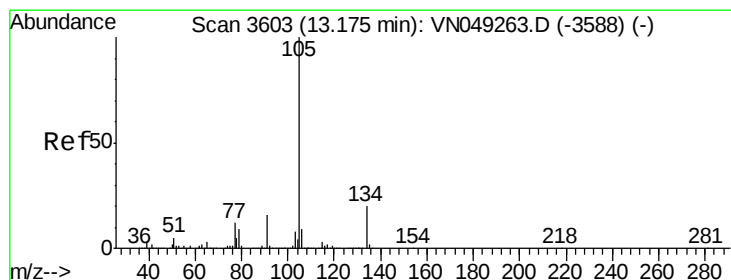
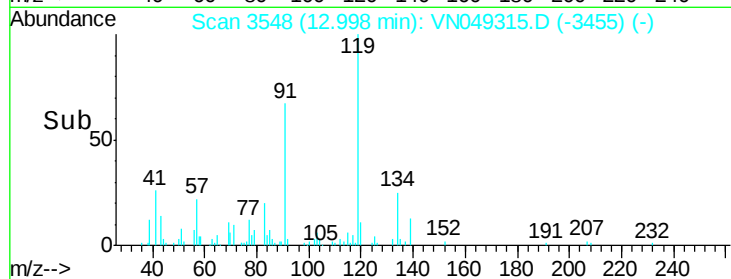
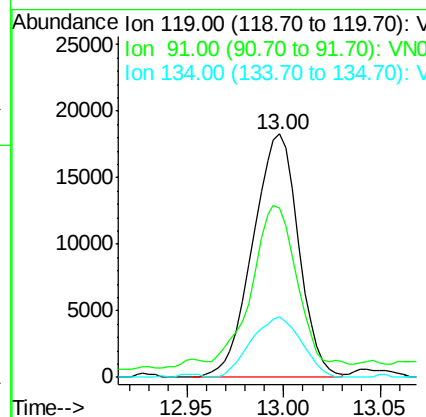
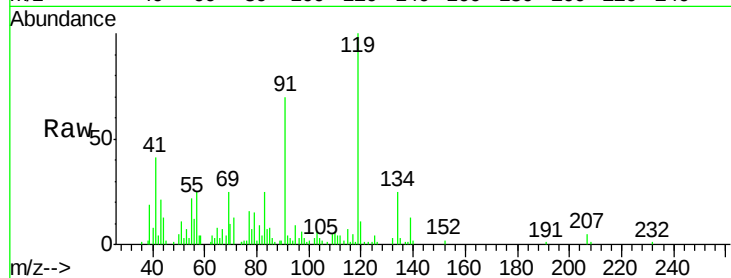
#83
tert-Butylbenzene
Concen: 0.80 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049315.D
Acq: 16 Jun 2018 17:46

Instrument :
MSVOA_N
ClientSampled :
MW-15

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	33.7	101.0
134	27.0	12.9	38.6

Manual Integrations
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#85
sec-Butylbenzene
Concen: 1.41 ug/l m
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN049315.D
Acq: 16 Jun 2018 17:46

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.3#

