

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049690.D
 Acq On : 3 Jul 2018 13:45
 Operator : MD\SY
 Sample : J3811-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Manual Integrations
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sam
 7/5/2018 2:27:59 PM

Quant Time: Jul 05 09:17:45 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	1321502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2082091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1746180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	819817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	883956	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.59	113	752194	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.09	98	2817344	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.41	95	890884	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	45347	2.541	ug/l	86
68) m/p-Xylenes	11.62	106	120308	4.169	ug/l	99
69) o-Xylene	11.95	106	176350	6.383	ug/l	99
73) Isopropylbenzene	12.25	105	184623	2.827	ug/l	100
78) n-propylbenzene	12.60	91	543885	7.267	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	2397667	44.184	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	8069722	144.723	ug/l	100

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

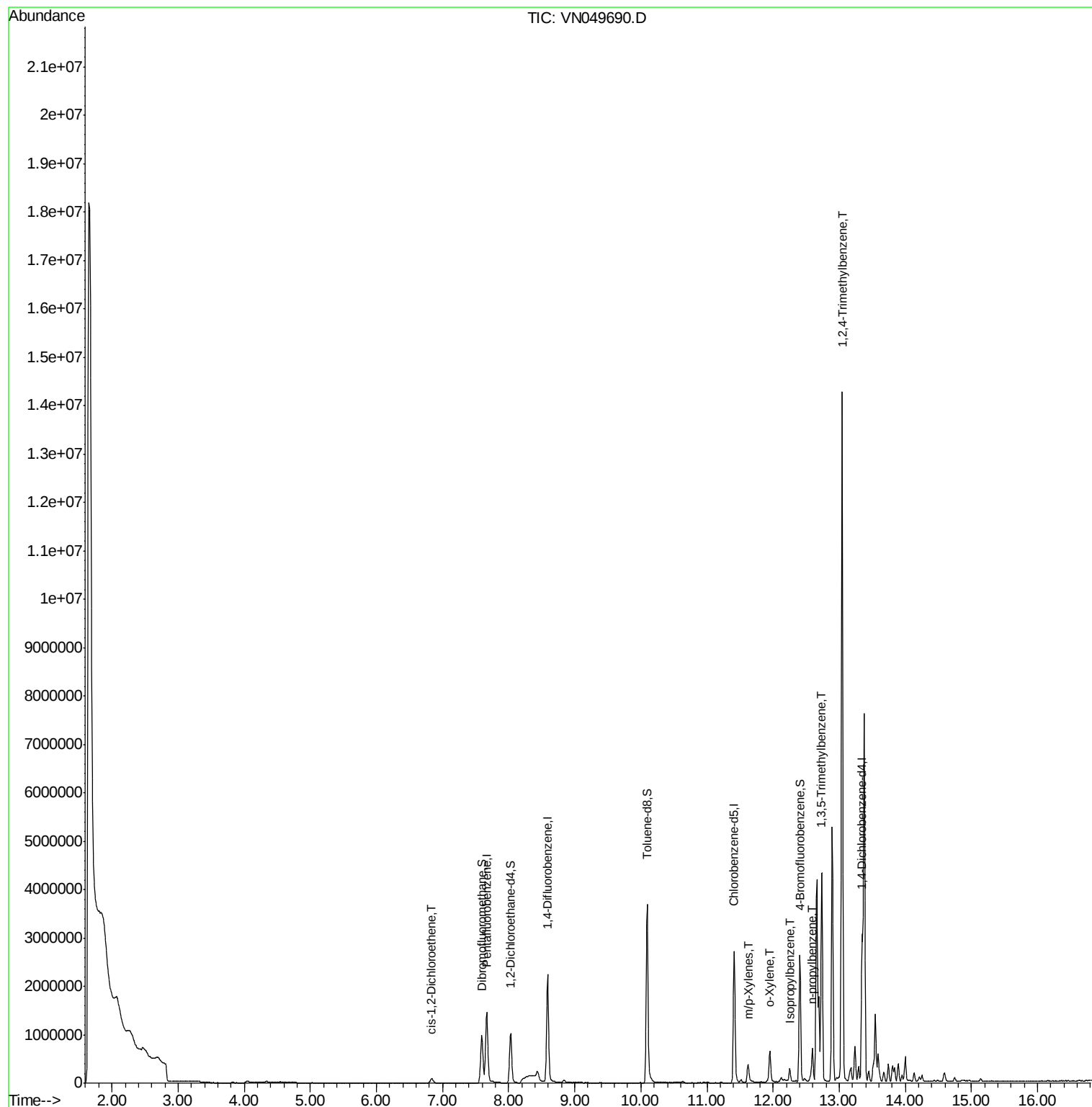
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049690.D
Acq On : 3 Jul 2018 13:45
Operator : MD\SY
Sample : J3811-01DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

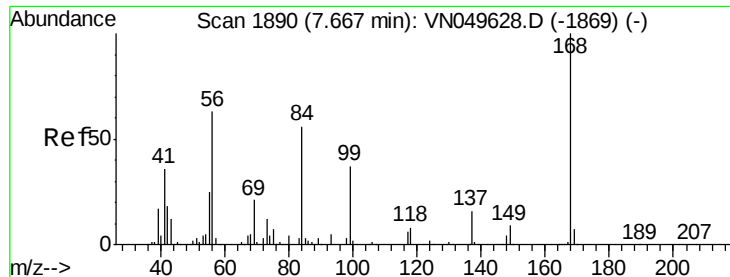
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

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Quant Time: Jul 05 09:17:45 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

Instrument :

MSVOA_N

ClientSampled :

MW-4DL

Tot Ion:168 Resp: 1321502

Ion Ratio Lower Upper

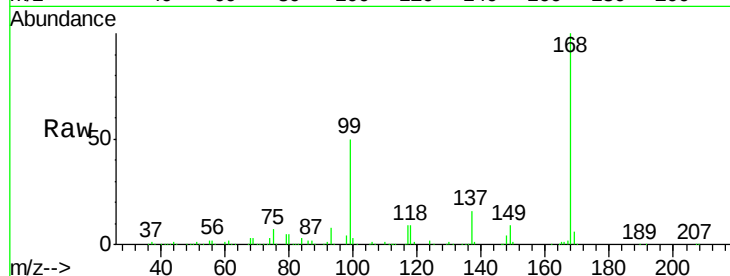
168 100

99 50.1 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): VN

7.67

600000

500000

400000

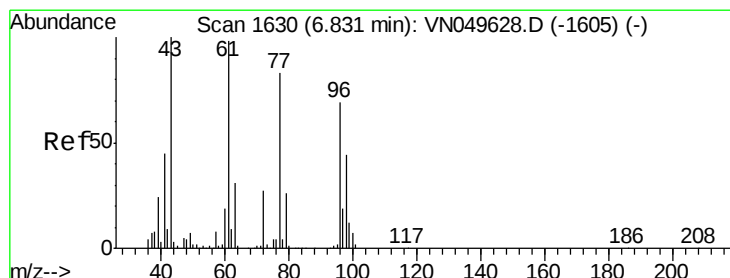
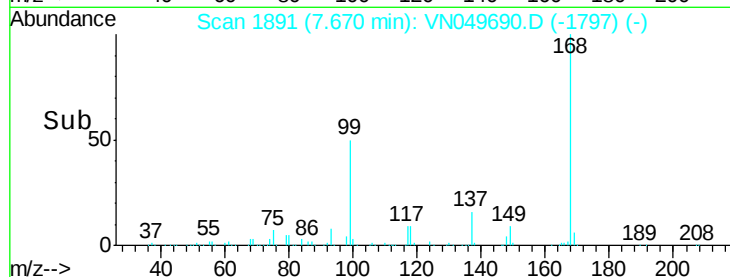
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#27

cis-1,2-Dichloroethene

Concen: 2.541 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

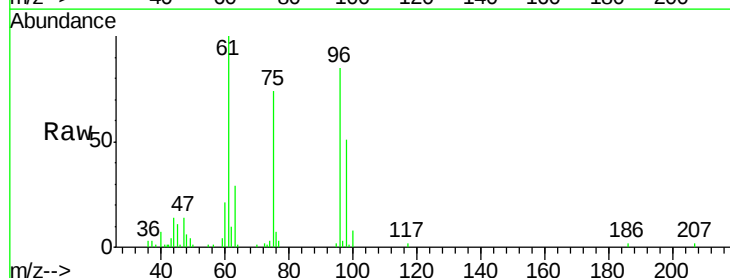
Tgt Ion: 96 Resp: 45347

Ion Ratio Lower Upper

96 100

61 121.3 0.0 289.0

98 63.5 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

25000

20000

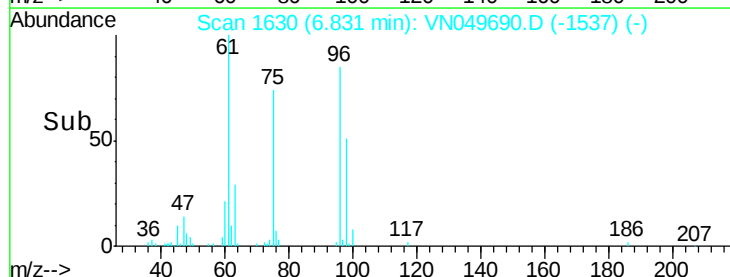
15000

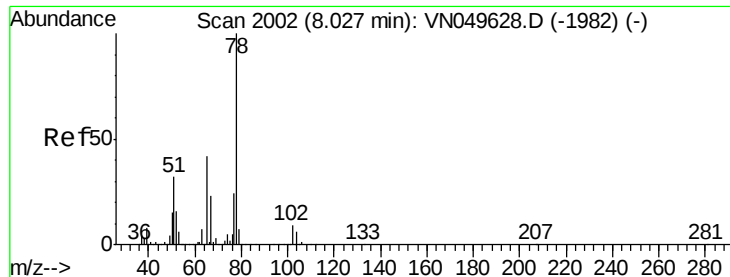
10000

5000

0

Time--> 6.75 6.80 6.85 6.90





#33

1,2-Dichloroethane-d4

Concen: 50.652 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

Tot Ion: 65 Resp: 883956

Ion Ratio Lower Upper

65 100

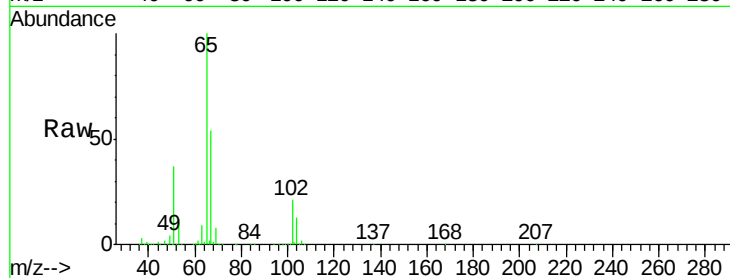
67 54.5 0.0 107.2

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Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)

8.03

400000

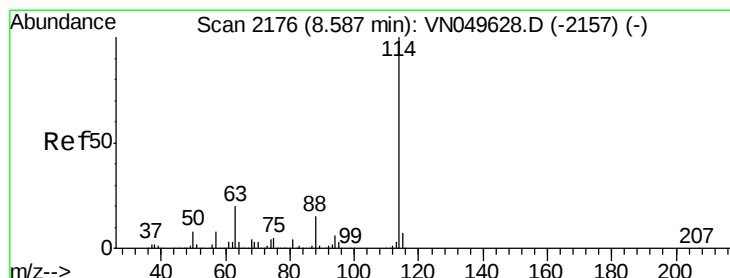
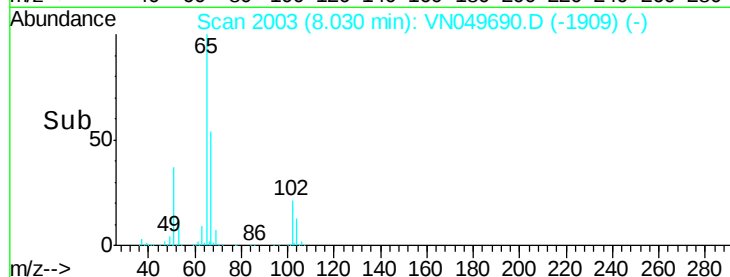
300000

200000

100000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

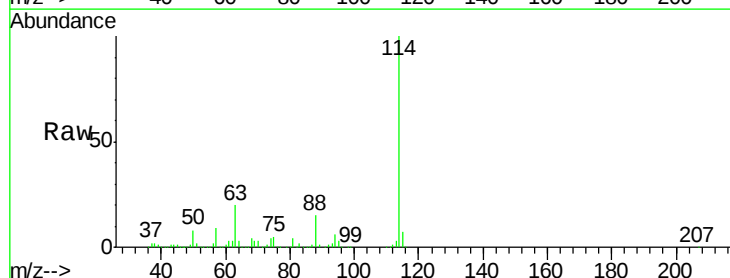
Tgt Ion: 114 Resp: 2082091

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049628.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN049628.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN049628.D (-2157) (-)

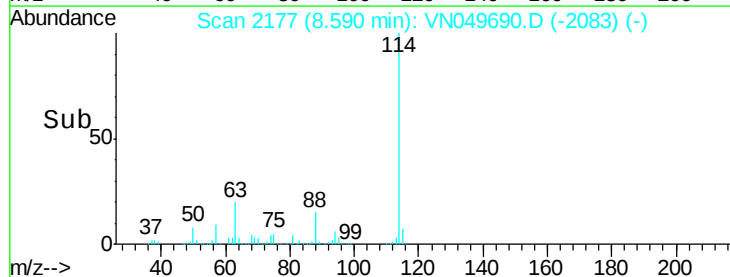
8.59

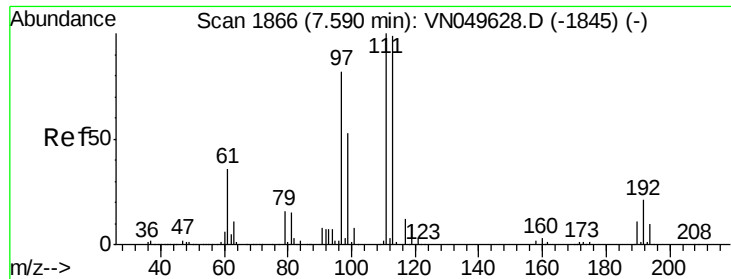
1000000

500000

0

Time--> 8.50 8.60 8.70 8.80





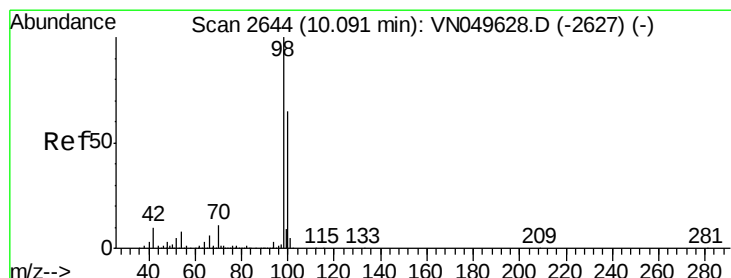
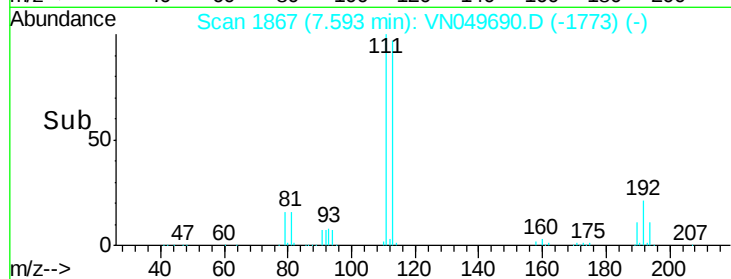
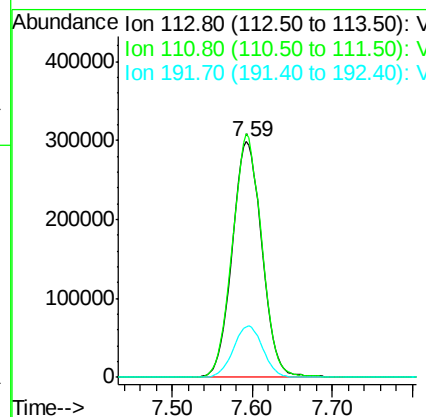
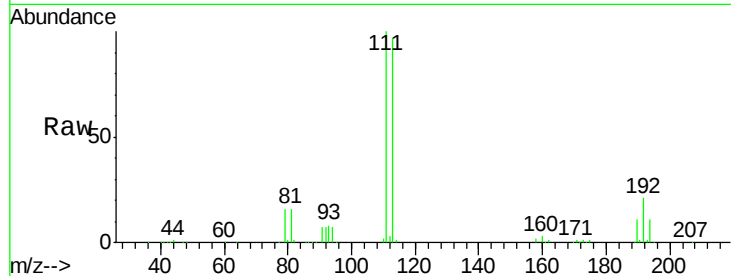
#35
 Dibromofluoromethane
 Concen: 48.323 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049690.D
 Acq: 3 Jul 2018 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	21.6	17.8	26.6

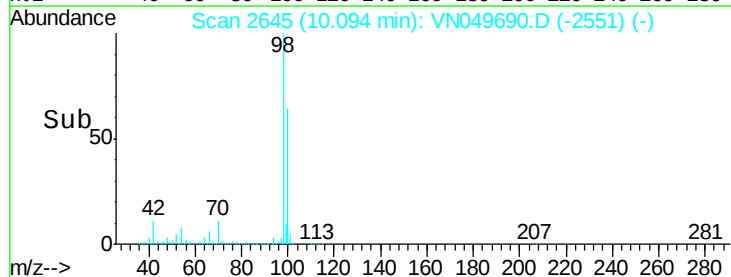
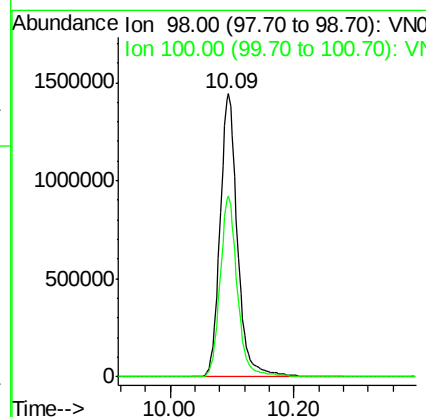
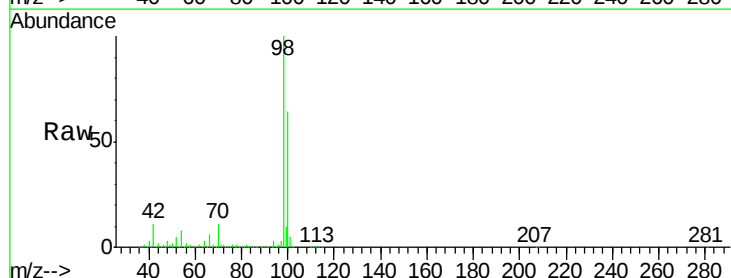
Manual Integrations
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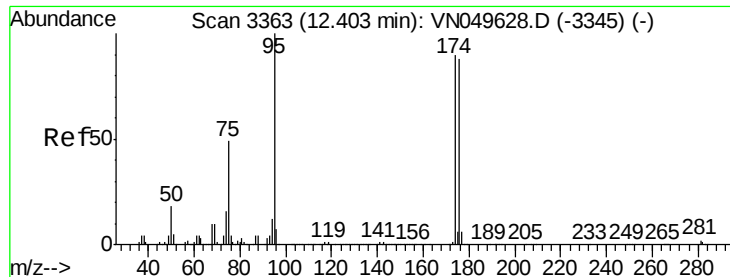
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#50
 Toluene-d8
 Concen: 46.241 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049690.D
 Acq: 3 Jul 2018 13:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 42.828 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

Instrument :

MSVOA_N

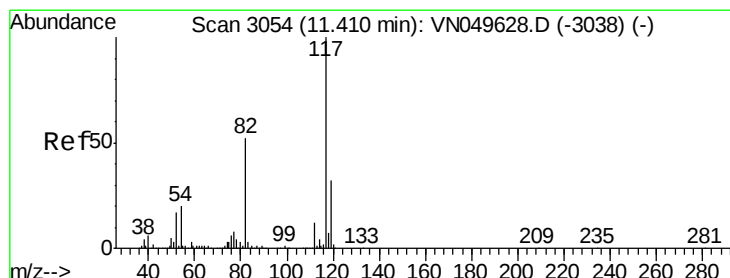
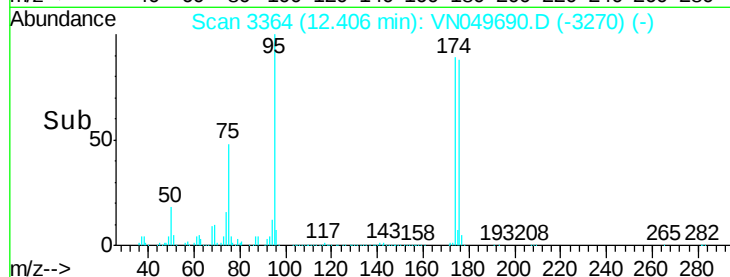
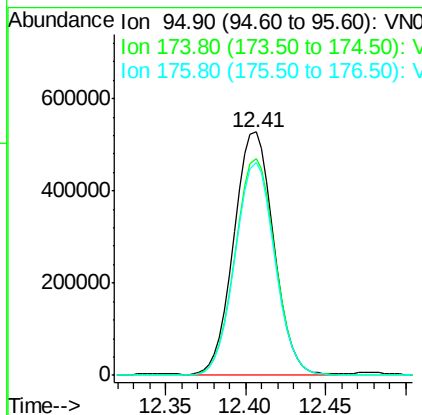
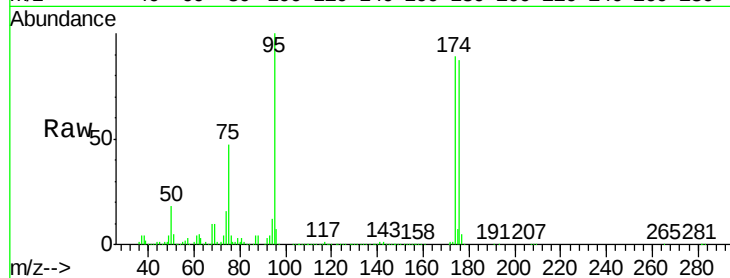
ClientSampleId :

MW-4DL

Tot Ion:	95	Resp:	890884
Ion Ratio	Lower	Upper	
95	100		
174	90.3	0.0	179.6
176	87.6	0.0	174.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

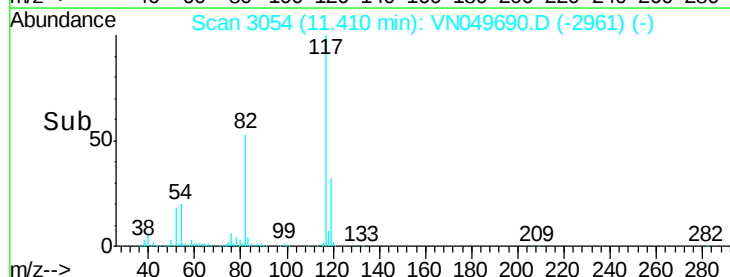
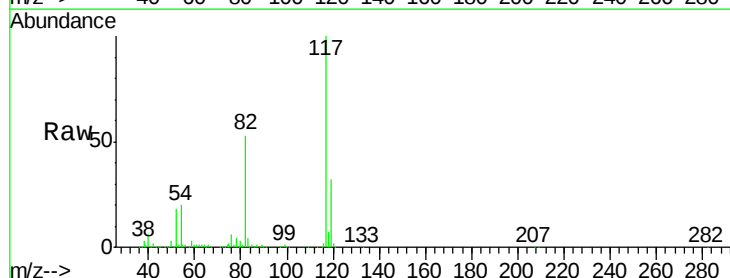
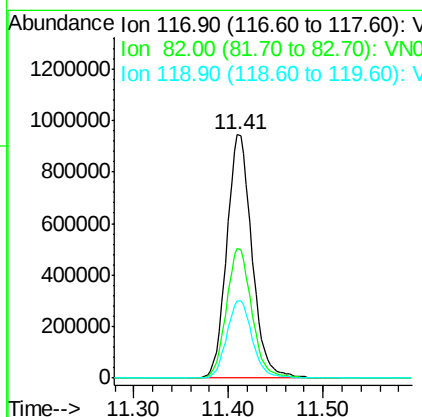
RT: 11.41 min Scan# 3054

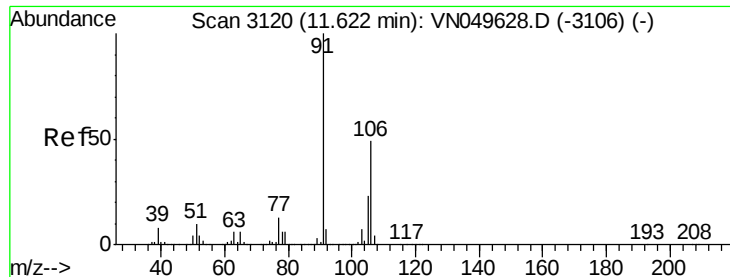
Delta R.T. -0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

Tgt Ion:	117	Resp:	1746180
Ion Ratio	Lower	Upper	
117	100		
82	53.4	41.9	62.9
119	31.7	25.4	38.2





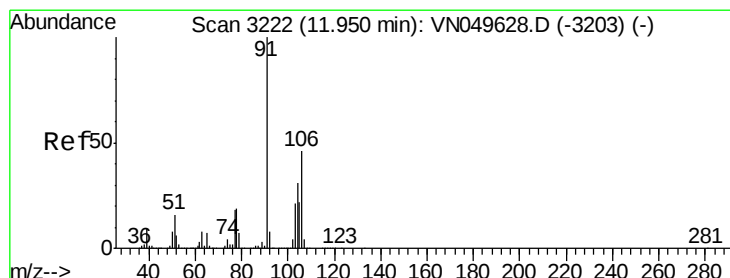
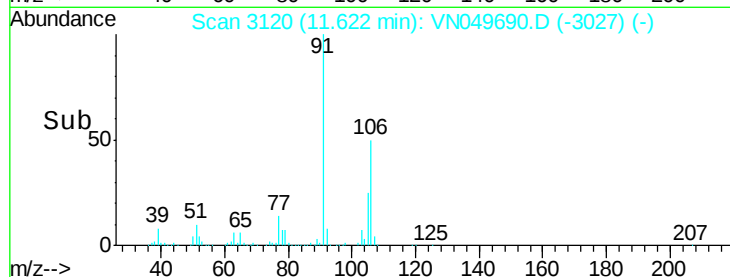
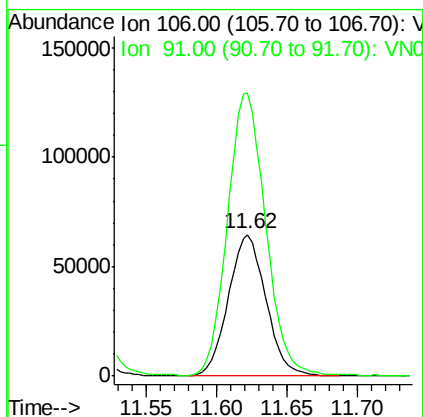
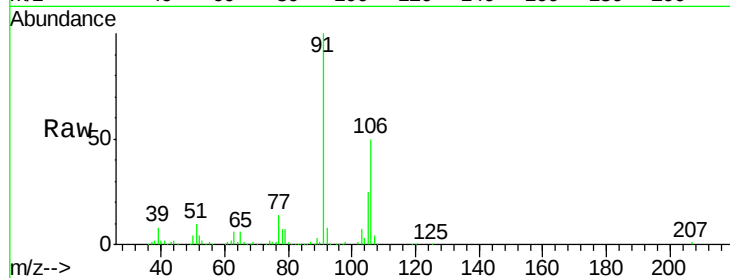
#68
m/p-Xylenes
Concen: 4.169 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049690.D
Acq: 3 Jul 2018 13:45

Instrument :
MSVOA_N
ClientSampled :
MW-4DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	203.2	163.4	245.2		

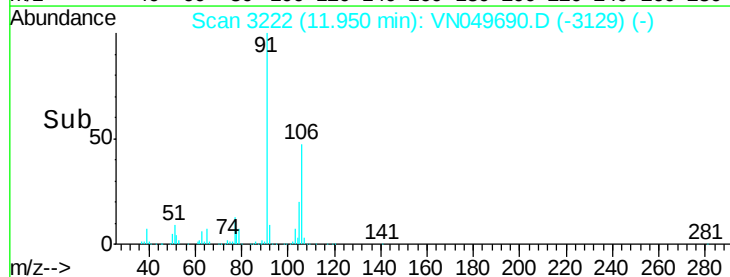
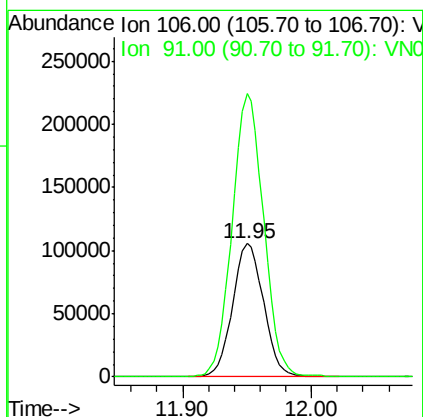
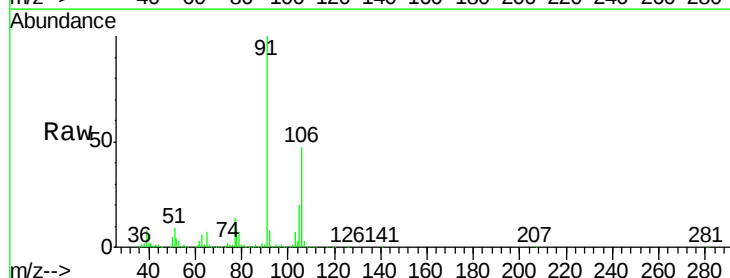
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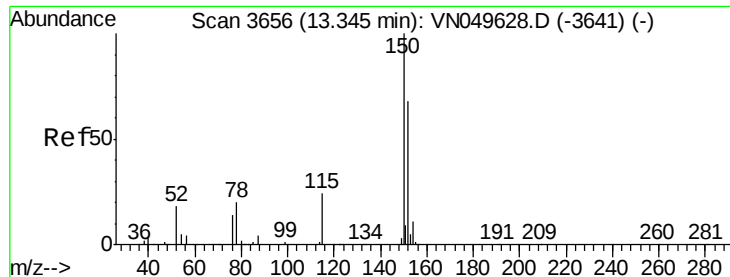
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#69
o-Xylene
Concen: 6.383 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049690.D
Acq: 3 Jul 2018 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.8	108.7	326.1		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

Instrument :

MSVOA_N

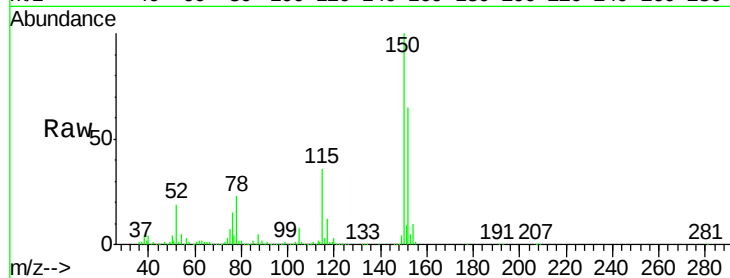
ClientSampled :

MW-4DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.1	84.2
150	155.8	0.0	347.6

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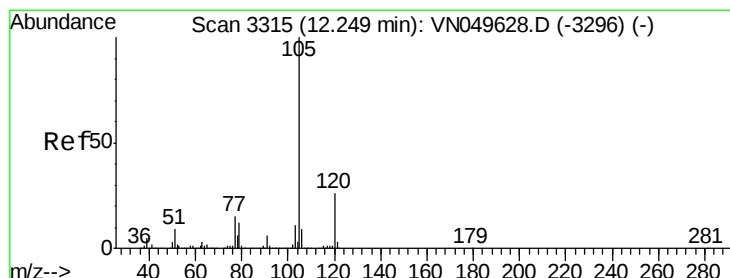
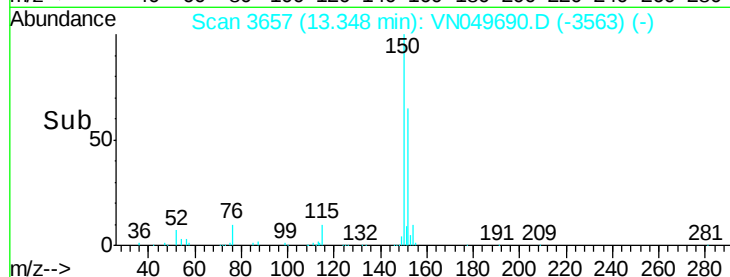
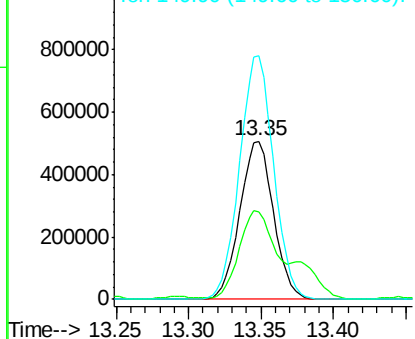


Abundance

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: 2.827 ug/l

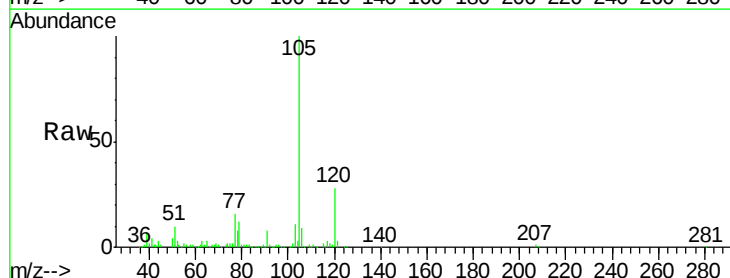
RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

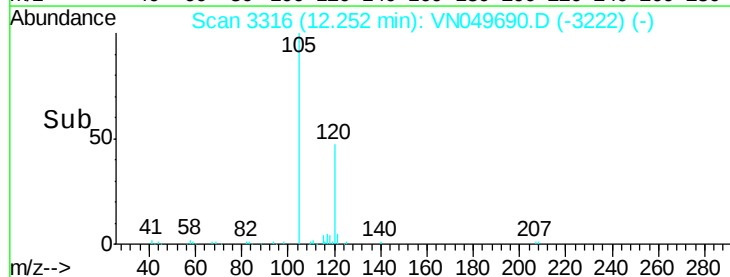
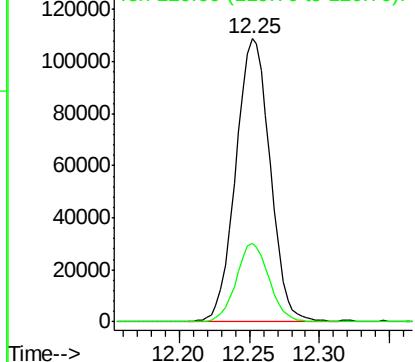
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.8

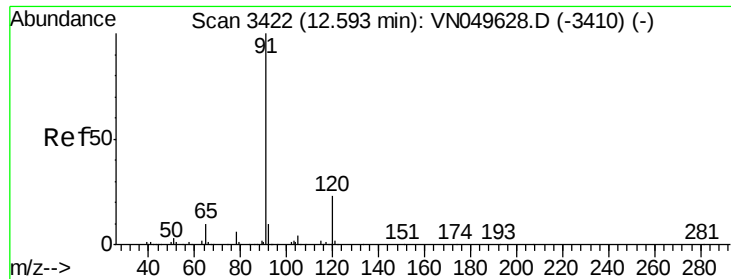


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7.267 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049690.D

Acq: 3 Jul 2018 13:45

Instrument :

MSVOA_N

ClientSampled :

MW-4DL

Tot Ion: 91 Resp: 543885

Ion Ratio Lower Upper

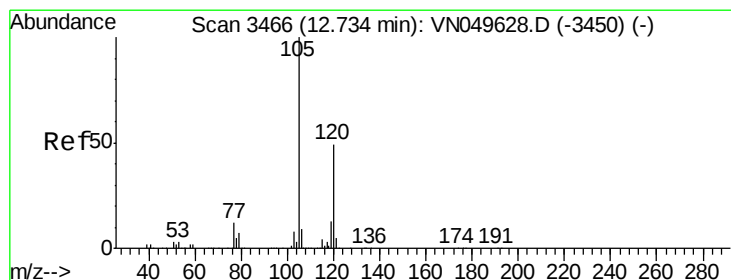
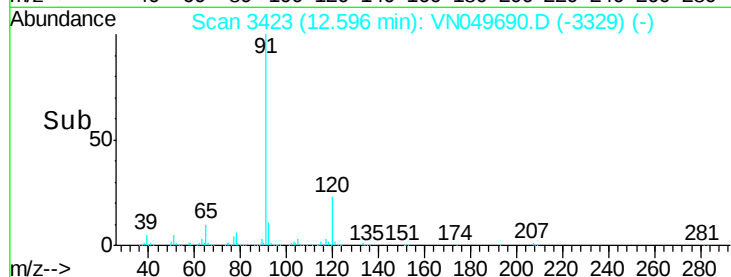
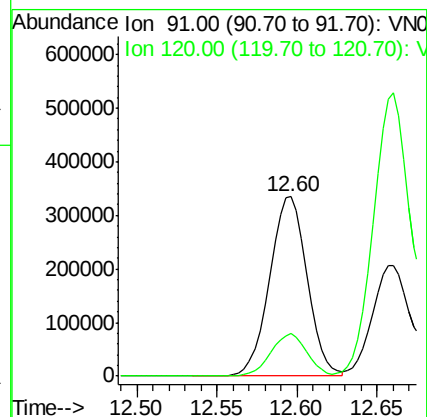
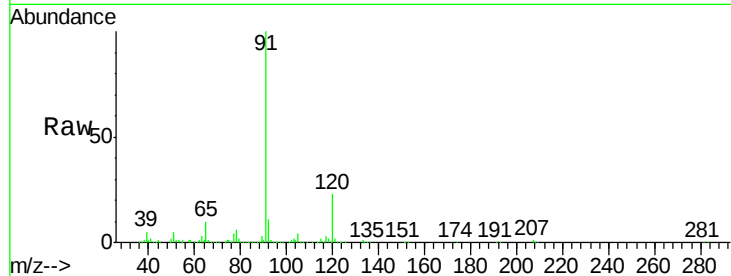
91 100

120 23.1 11.5 34.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 44.184 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049690.D

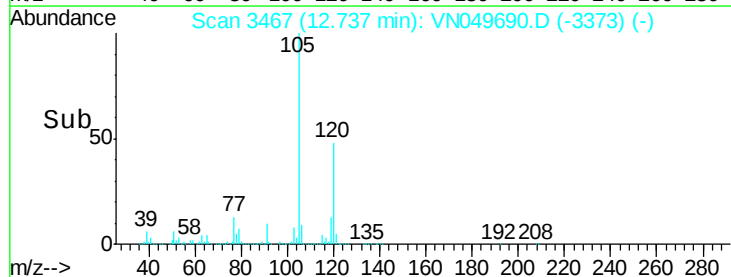
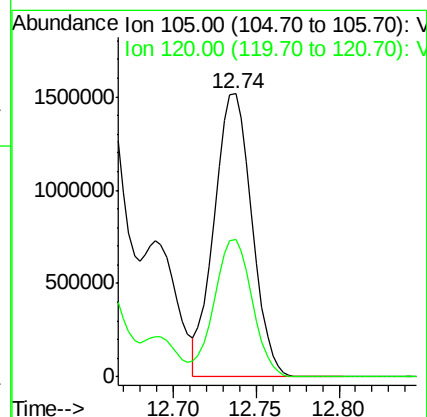
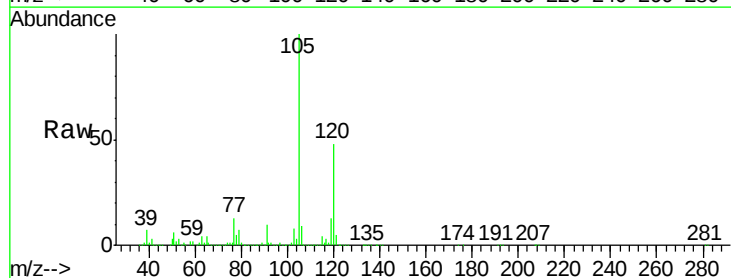
Acq: 3 Jul 2018 13:45

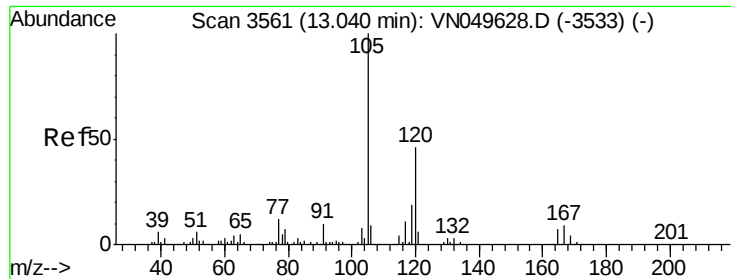
Tgt Ion: 105 Resp: 2397667

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8





#84
 1,2,4-Trimethylbenzene
 Concen: 144.723 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049690.D
 Acq: 3 Jul 2018 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Tot Ion:105 Resp: 8069722
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

Manual Integrations
 APPROVED

sam
 7/5/2018 2:27:59 PM

