

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050856.D
 Acq On : 23 Aug 2018 16:36
 Operator : MD\SY
 Sample : J4617-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48969

Manual Integrations
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MMDadoda
 8/24/2018 10:40:58 AM

Quant Time: Aug 24 11:58:08 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	672973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	997715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405026	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	386628	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.09	98	1360577	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.40	95	376679	38.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.40%	
Target Compounds						
16) Acetone	3.82	43	385139	199.32	ug/l	98
29) Tetrahydrofuran	7.22	42	747303	399.22	ug/l	99
64) Tetrachloroethene	10.63	164	3092	0.38	ug/l	89
67) Ethyl Benzene	11.51	91	10388	0.29	ug/l	99
68) m/p-Xylenes	11.62	106	4349	0.32	ug/l	88
69) o-Xylene	11.95	106	8324	0.63	ug/l	98

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

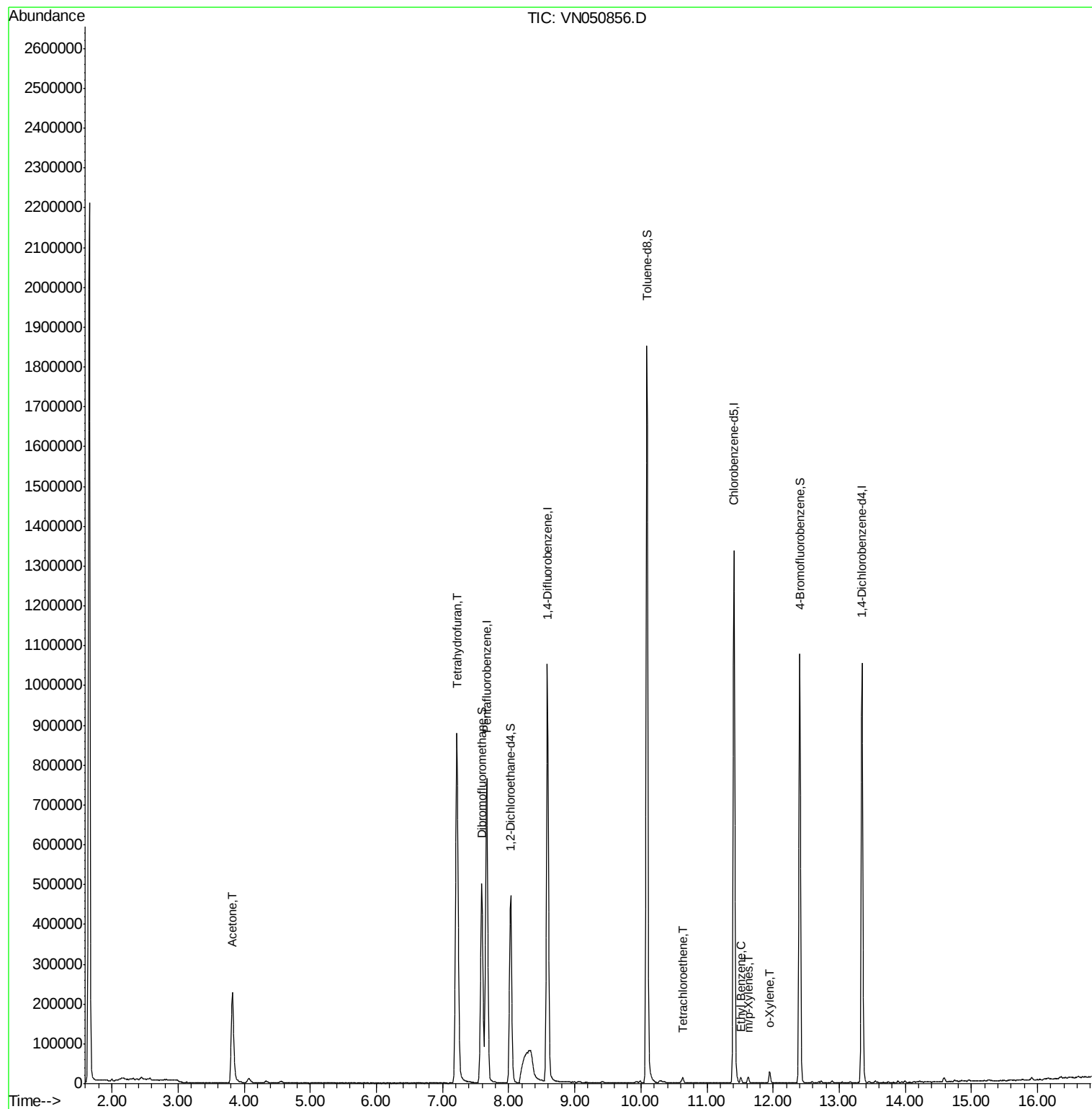
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
Data File : VN050856.D
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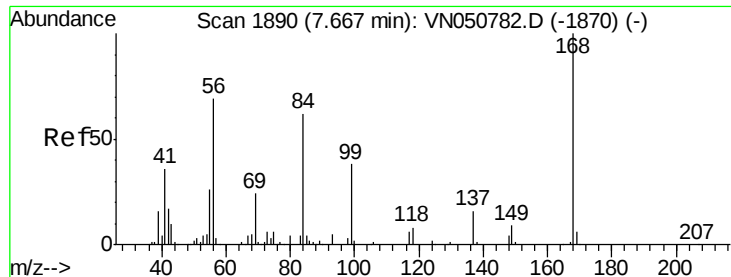
Instrument :
MSVOA_N
ClientSampleId :
N48969

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8/24/2018 10:40:58 AM

Quant Time: Aug 24 11:58:08 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050856.D

Acq: 23 Aug 2018 16:36

Instrument :

MSVOA_N

ClientSampled :

N48969

Tot Ion:168 Resp: 672973

Ion Ratio Lower Upper

168 100

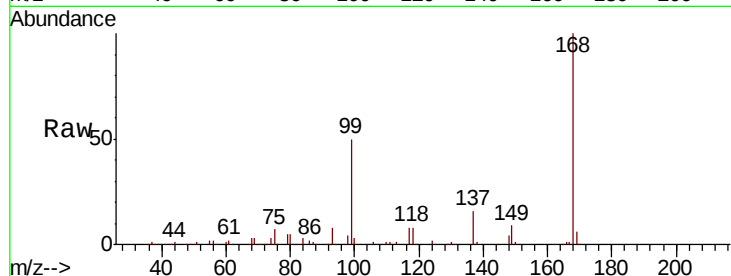
99 50.5 39.6 59.4

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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

300000

250000

200000

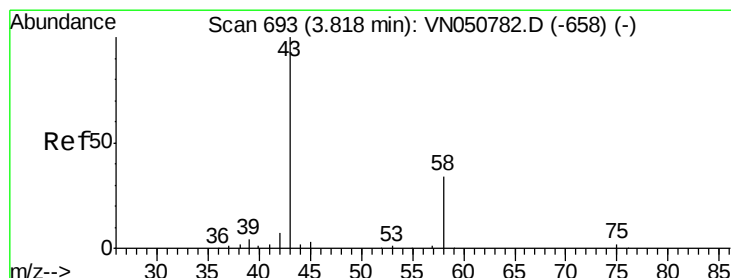
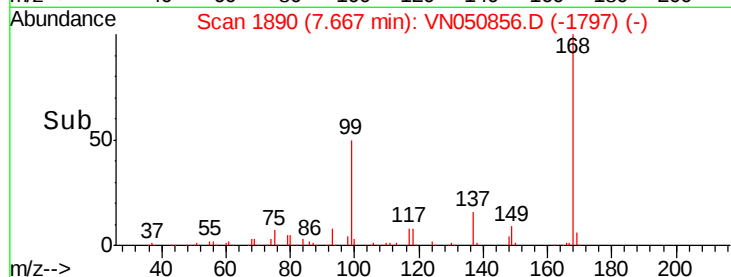
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 199.32 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050856.D

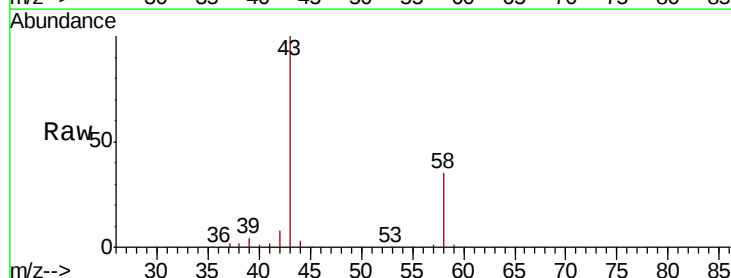
Acq: 23 Aug 2018 16:36

Tgt Ion: 43 Resp: 385139

Ion Ratio Lower Upper

43 100

58 35.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

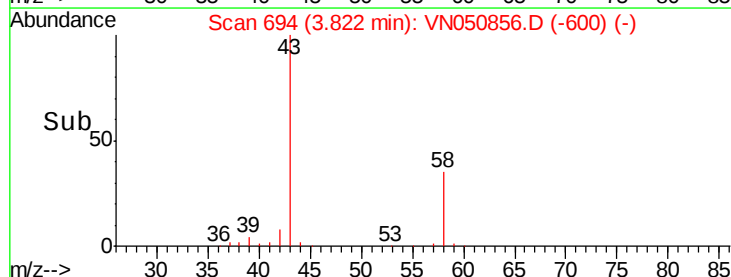
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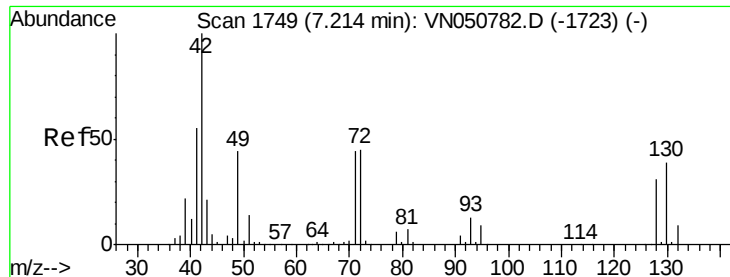
100000

50000

0

Time--> 3.70 3.80 3.90





#29

Tetrahydrofuran

Concen: 399.22 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050856.D

Acq: 23 Aug 2018 16:36

Instrument :

MSVOA_N

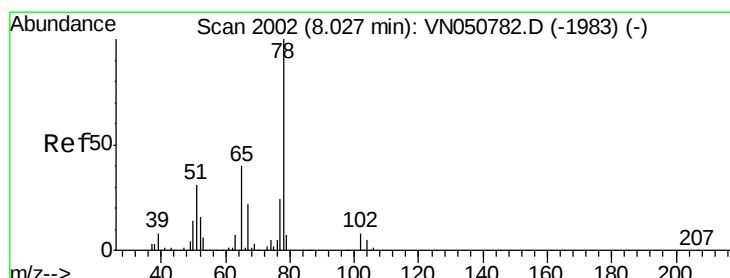
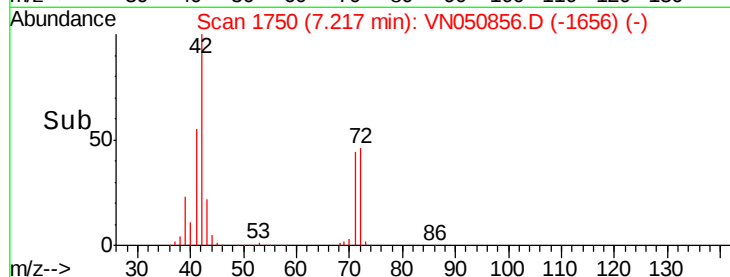
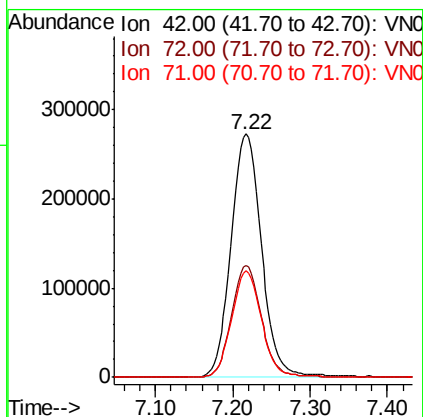
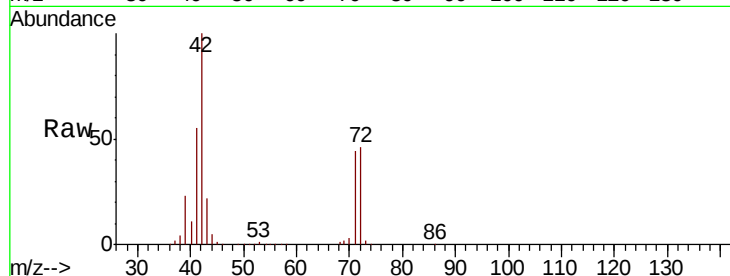
ClientSampled :

N48969

Tot Ion:	42	Resp:	747303
Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.5	53.3
71	42.7	33.7	50.5

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#33

1,2-Dichloroethane-d4

Concen: 49.99 ug/l

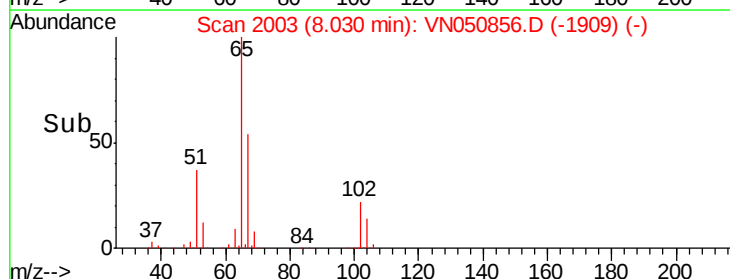
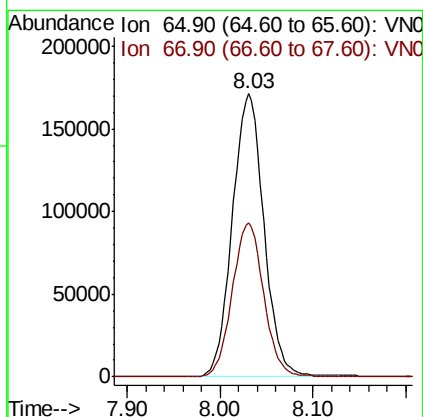
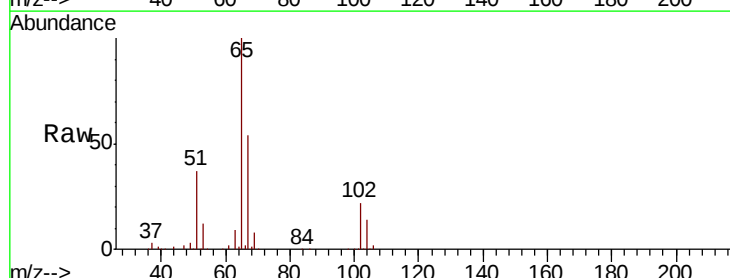
RT: 8.03 min Scan# 2003

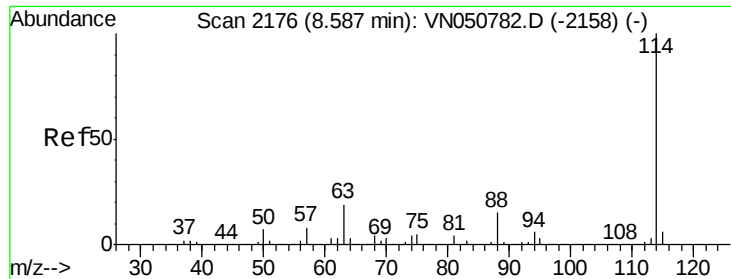
Delta R.T. 0.00 min

Lab File: VN050856.D

Acq: 23 Aug 2018 16:36

Tgt Ion:	65	Resp:	405026
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.4





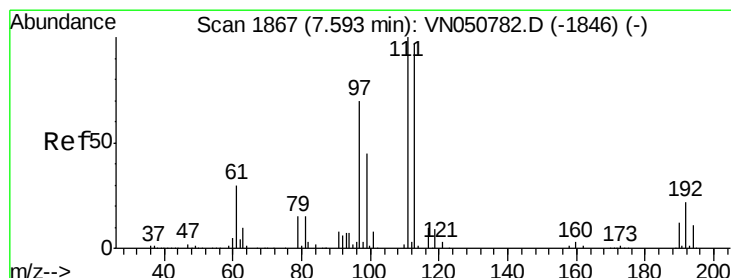
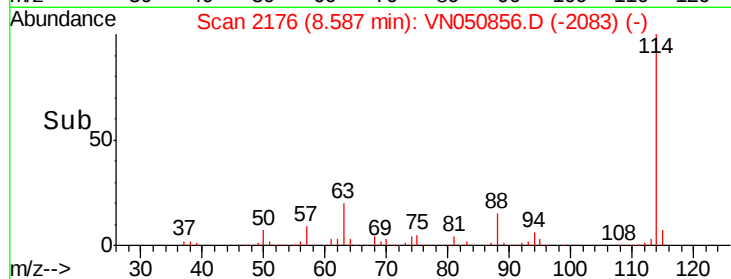
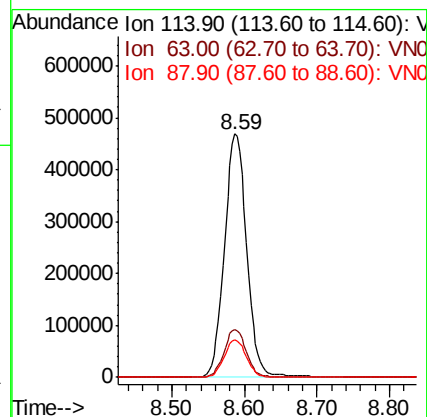
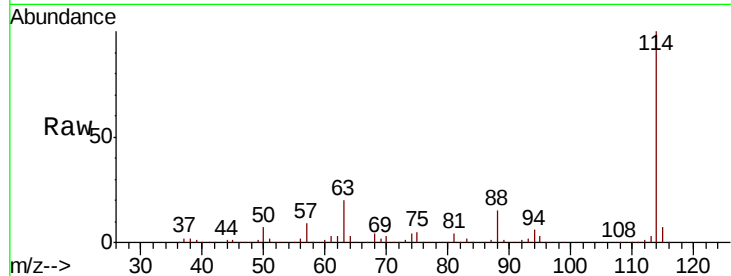
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050856.D
 Acq: 23 Aug 2018 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 N48969

Tot Ion	Ratio	Resp	Lower	Upper
114	100	997715		
63	19.8		0.0	38.6
88	15.3		0.0	30.6

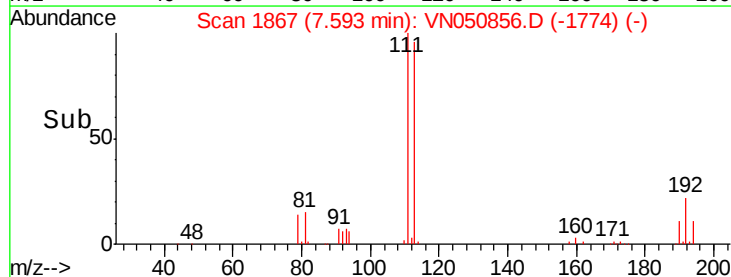
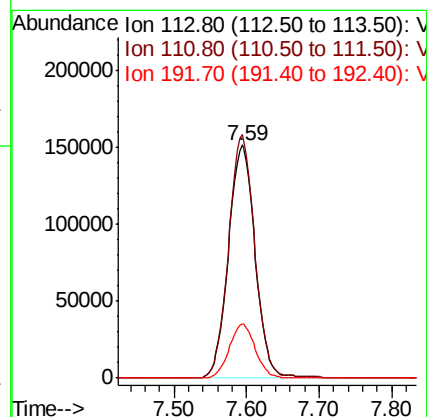
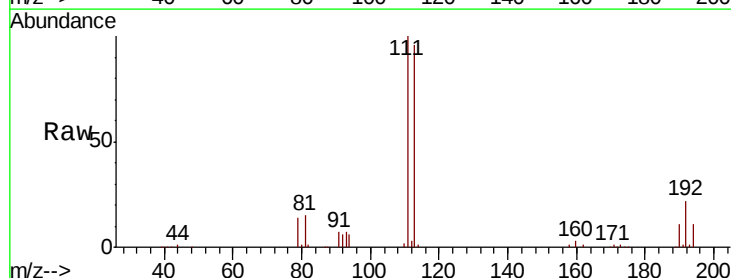
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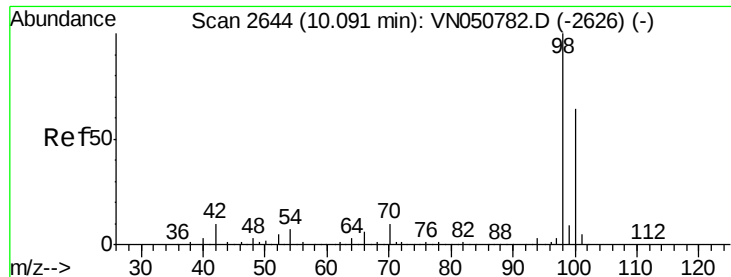
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#35
 Dibromofluoromethane
 Concen: 48.71 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050856.D
 Acq: 23 Aug 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	386628		
111	103.1		82.6	123.8
192	22.7		18.0	27.0





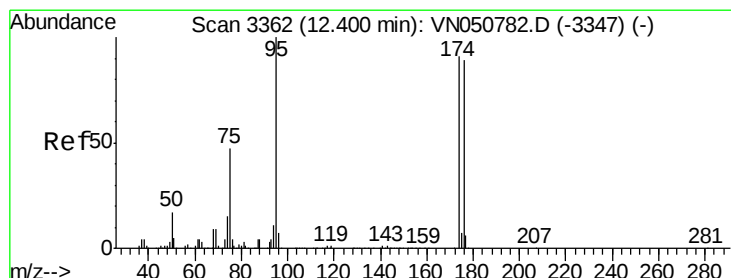
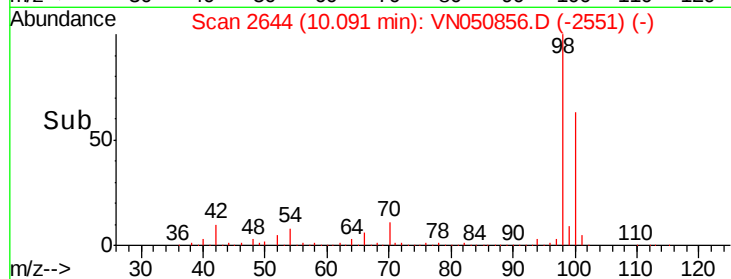
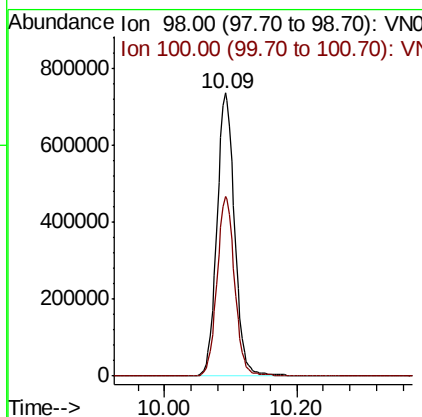
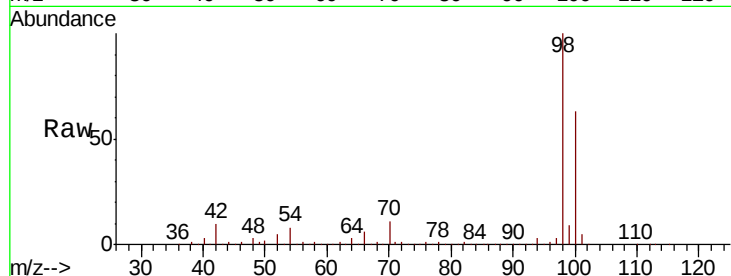
#50
Toluene-d8
Concen: 45.85 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050856.D
Acq: 23 Aug 2018 16:36

Instrument :
MSVOA_N
ClientSampled :
N48969

Tot Ion: 98 Resp: 1360577
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

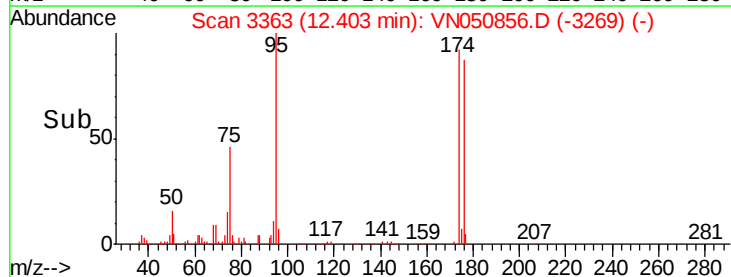
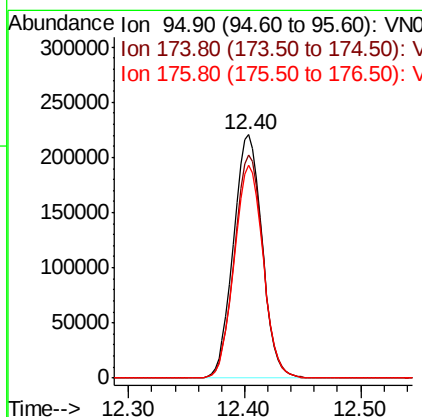
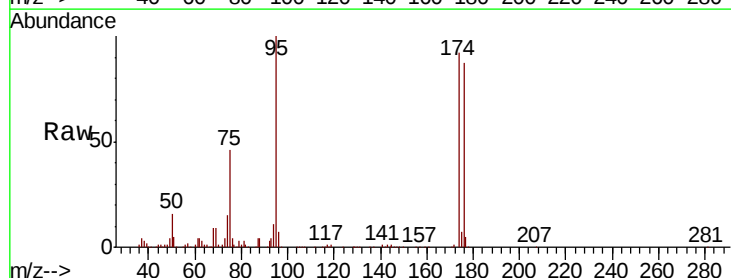
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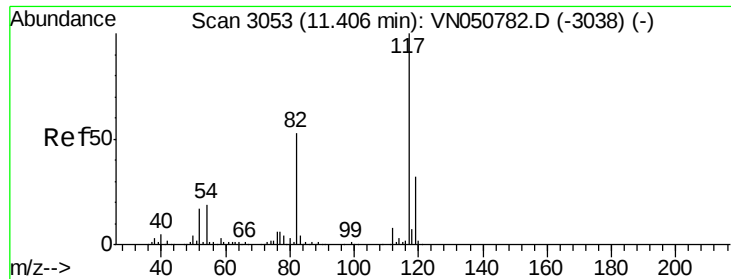
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#62
4-Bromofluorobenzene
Concen: 38.20 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050856.D
Acq: 23 Aug 2018 16:36

Tgt Ion: 95 Resp: 376679
Ion Ratio Lower Upper
95 100
174 91.8 0.0 183.0
176 87.8 0.0 178.8





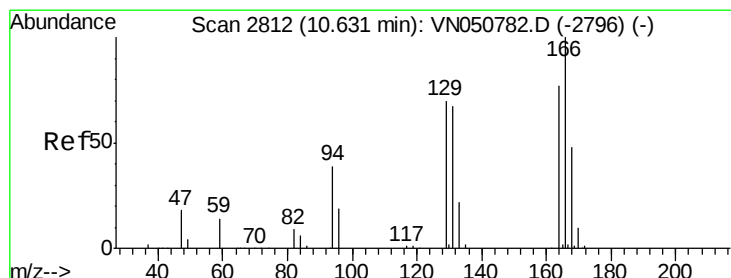
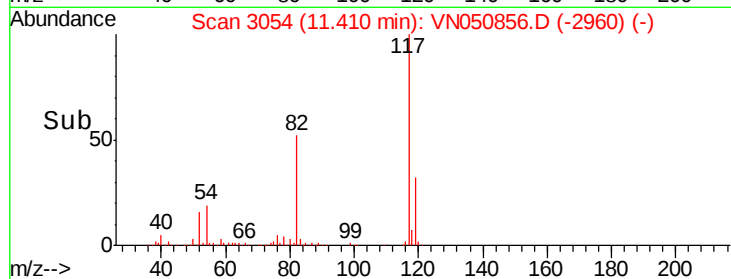
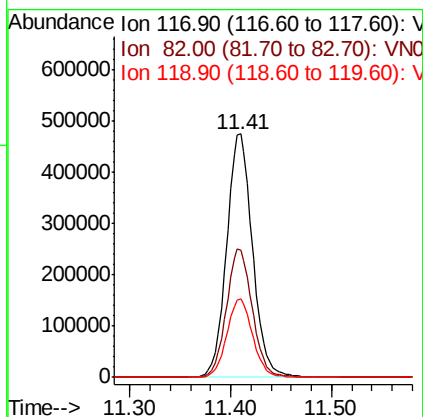
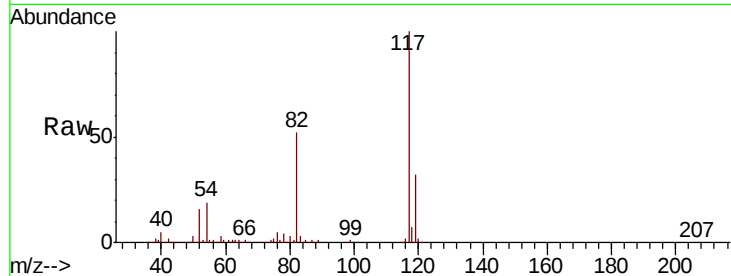
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050856.D
Acq: 23 Aug 2018 16:36

Instrument :
MSVOA_N
ClientSampled :
N48969

Tot Ion	Ratio	Resp	Lower	Upper
117	100	846817		
82	52.2		42.6	64.0
119	32.3		25.8	38.6

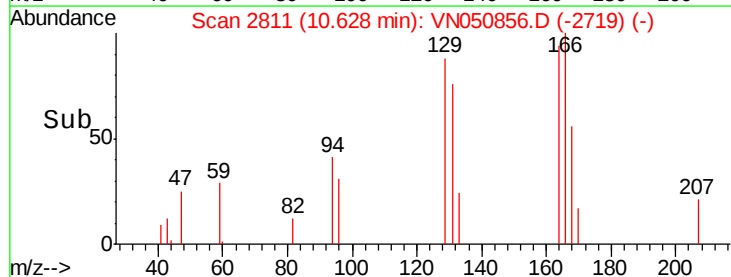
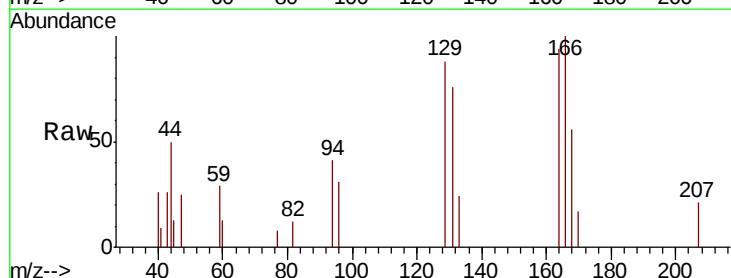
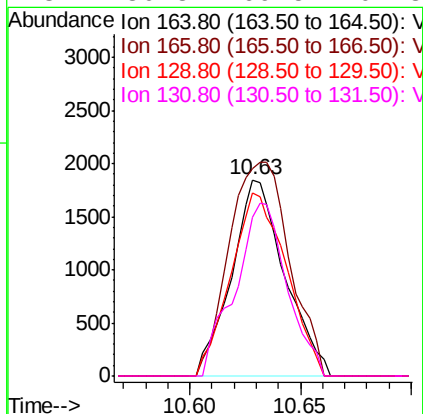
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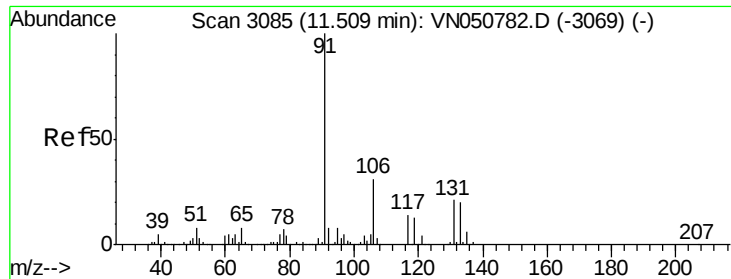
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#64
Tetrachloroethene
Concen: 0.38 ug/l
RT: 10.63 min Scan# 2811
Delta R.T. -0.00 min
Lab File: VN050856.D
Acq: 23 Aug 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	3092		
166	106.1		103.5	155.3
129	93.3		72.7	109.1
131	80.8		69.5	104.3





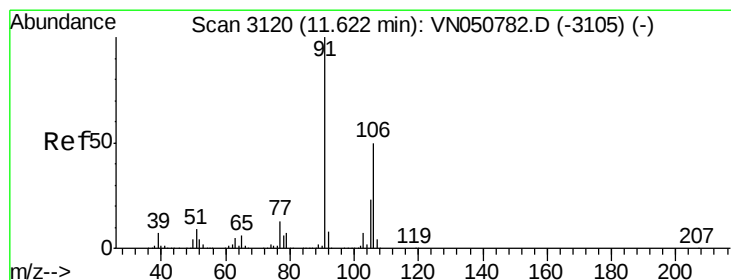
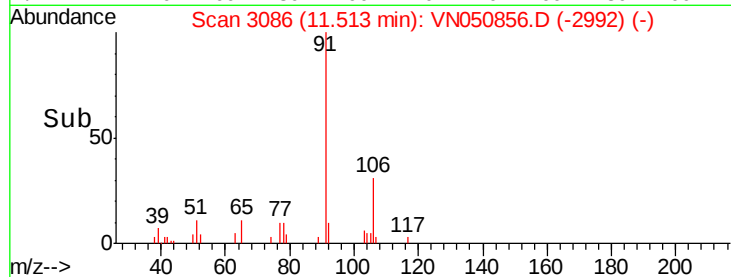
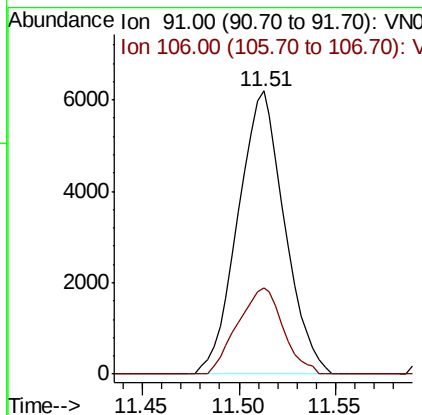
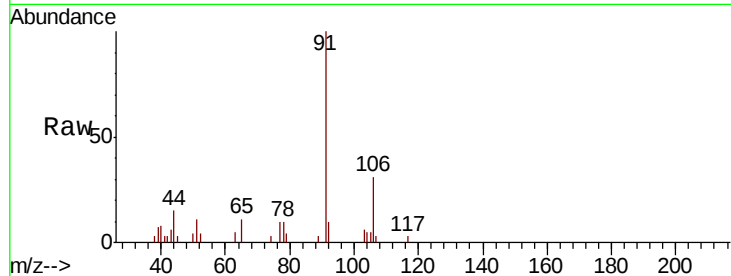
#67
Ethyl Benzene
Concen: 0.29 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050856.D
Acq: 23 Aug 2018 16:36

Instrument :
MSVOA_N
ClientSampled :
N48969

Tot Ion: 91 Resp: 10388
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

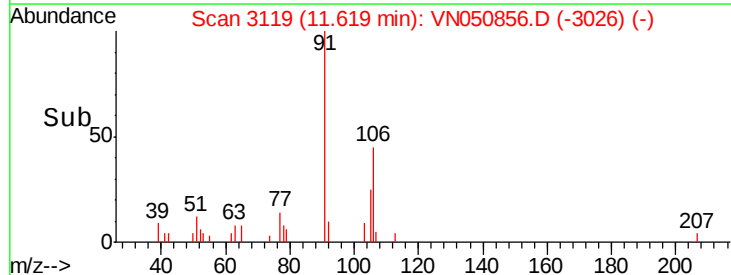
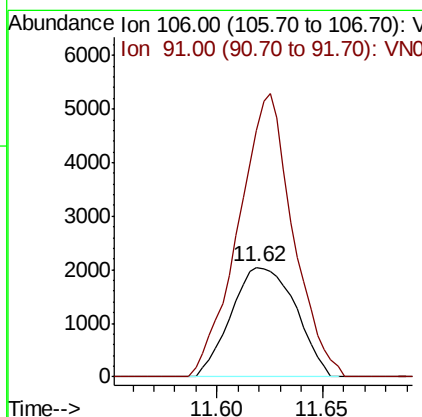
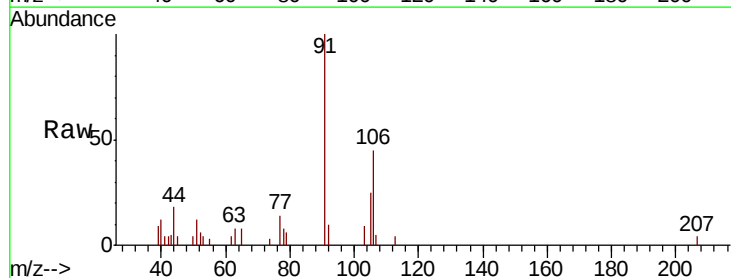
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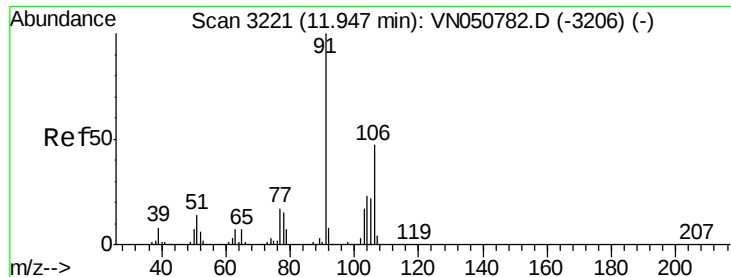
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#68
m/p-Xylenes
Concen: 0.32 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050856.D
Acq: 23 Aug 2018 16:36

Tgt Ion: 106 Resp: 4349
Ion Ratio Lower Upper
106 100
91 219.0 161.0 241.6





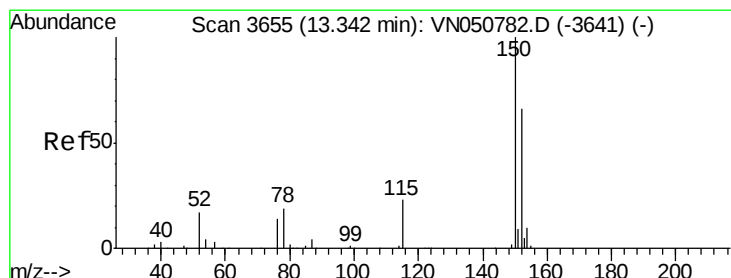
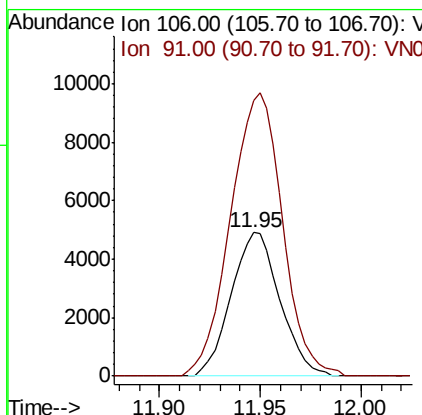
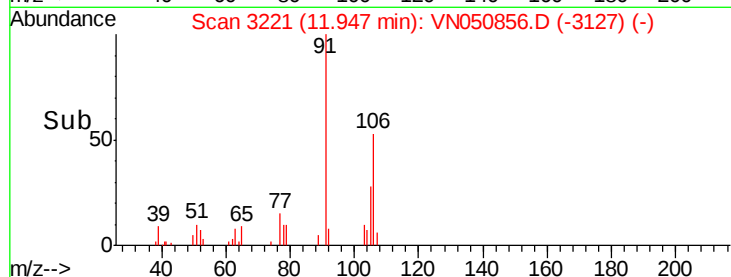
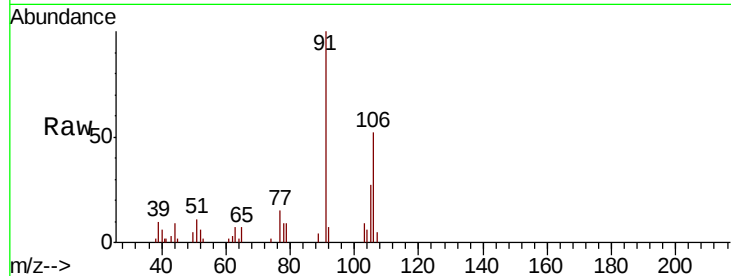
#69
o-Xylene
Concen: 0.63 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050856.D
Acq: 23 Aug 2018 16:36

Instrument :
MSVOA_N
ClientSampled :
N48969

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.7	106.5	8324	319.5	

Manual Integrations
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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: VN050856.D
Acq: 23 Aug 2018 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	56.3	27.8	300953	83.4	
150	158.2	0.0		351.4	

