

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003798.D
 Acq On : 01 Aug 2018 17:08
 Operator : JC/SP
 Sample : J4143-05
 Misc : 11.19G/5.0mL/MSVOA X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-01(3-5)

Manual Integrations
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Quant Time: Aug 02 06:48:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	145904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	58306	39.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.02%	
35) Dibromofluoromethane	5.51	113	41938	32.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.96%	
50) Toluene-d8	8.72	98	197566	37.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.54%	
62) 4-Bromofluorobenzene	11.14	95	59320	30.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.70%	
Target Compounds						
16) Acetone	2.45	43	31800	56.418	ug/l	95
17) Carbon Disulfide	2.57	76	22267	5.248	ug/l	99
40) Benzene	6.15	78	6553	1.131	ug/l #	90
80) 1,3,5-Trimethylbenzene	11.51	105	6576m	1.761	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	5563	1.447	ug/l	98
95) Naphthalene	13.83	128	18772	5.152	ug/l #	94

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

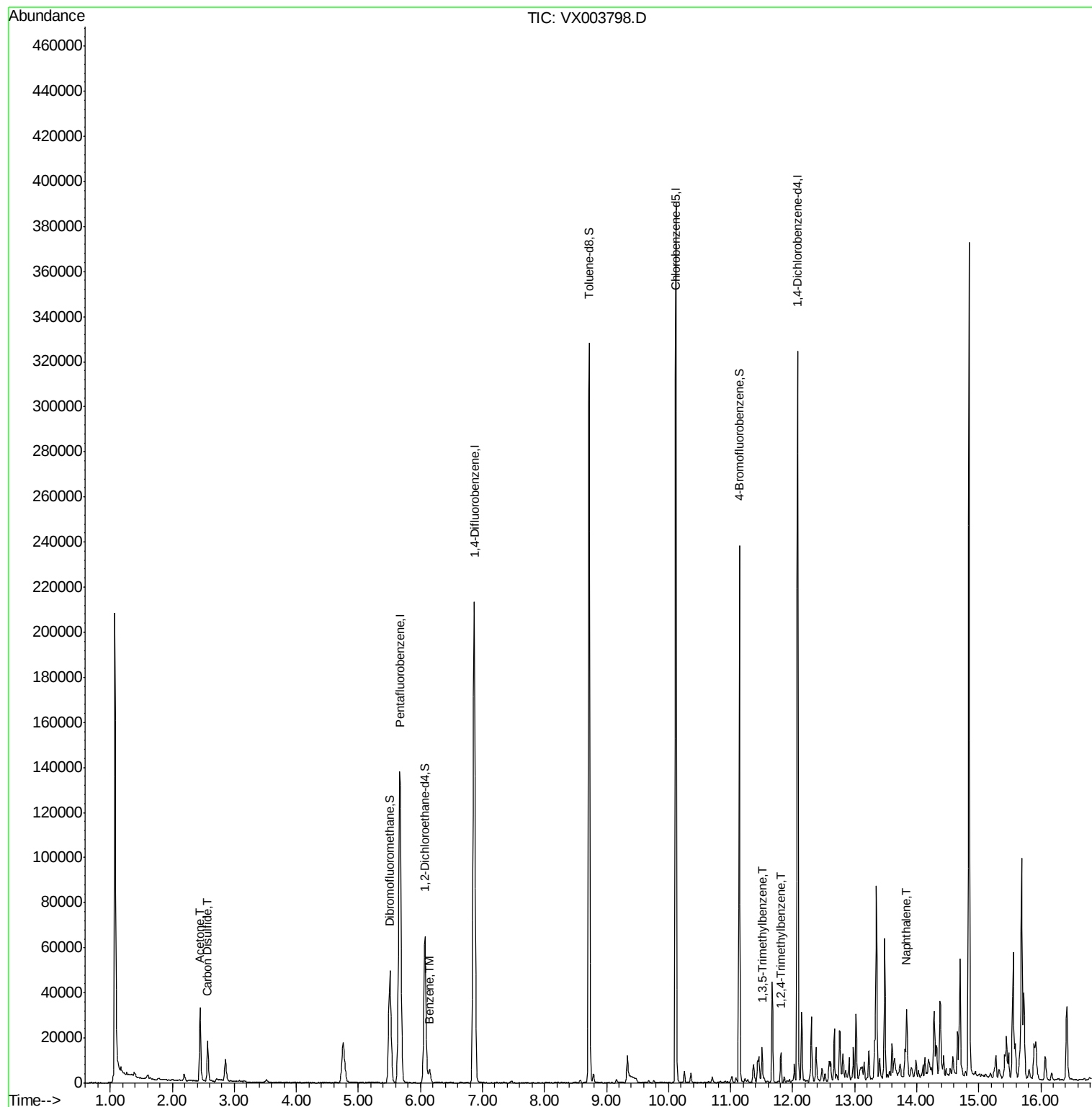
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

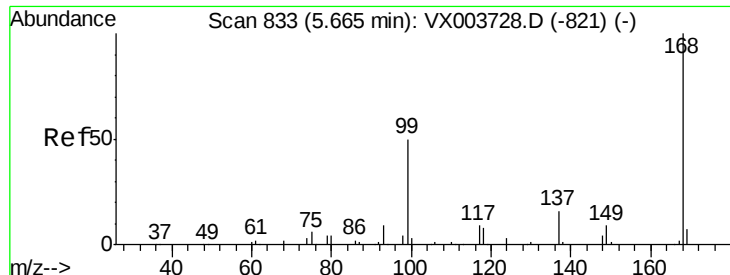
Instrument :
MSVOA_X
ClientSampleId :
GW-01(3-5)

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Quant Time: Aug 02 06:48:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampled :

GW-01(3-5)

Tot Ion:168 Resp: 145904

Ion Ratio Lower Upper

168 100

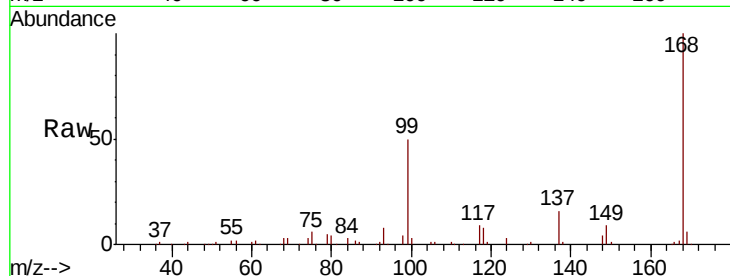
99 50.4 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

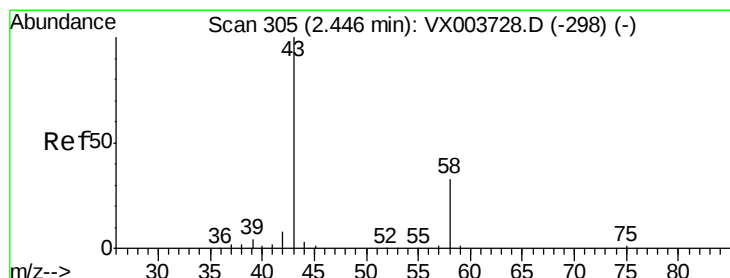
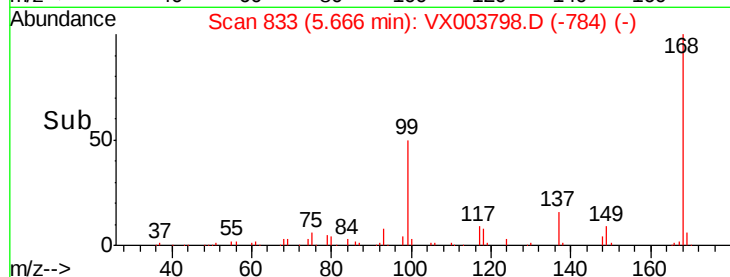
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 56.418 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003798.D

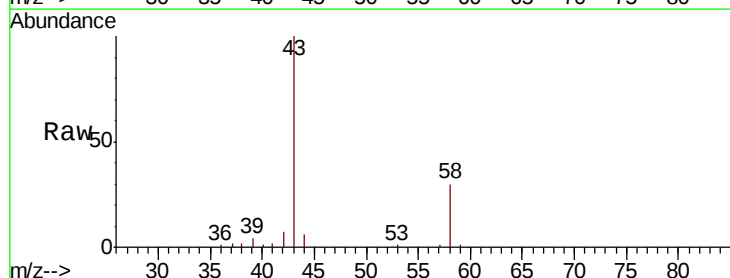
Acq: 01 Aug 2018 17:08

Tgt Ion: 43 Resp: 31800

Ion Ratio Lower Upper

43 100

58 30.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

15000

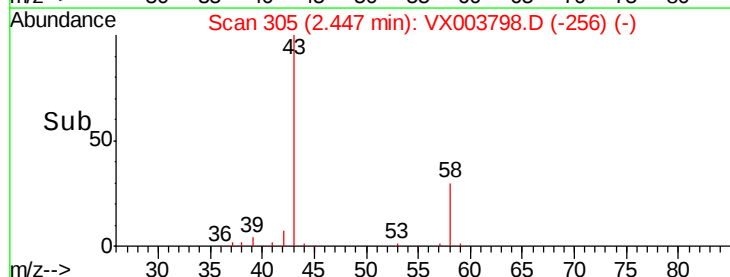
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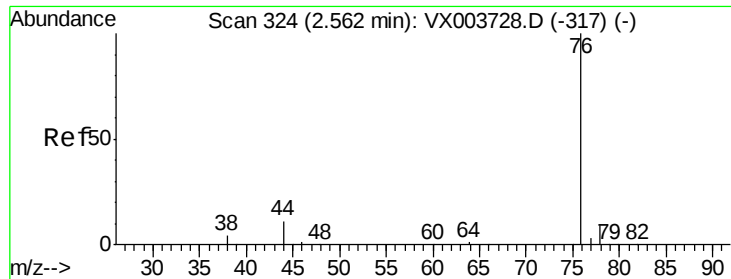
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Time-->

2.35 2.40 2.45 2.50 2.55





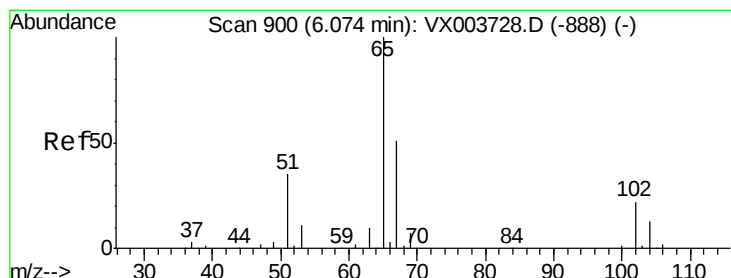
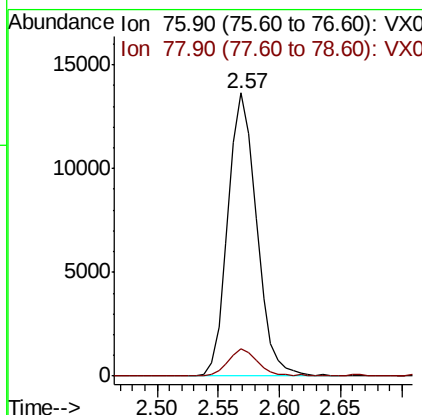
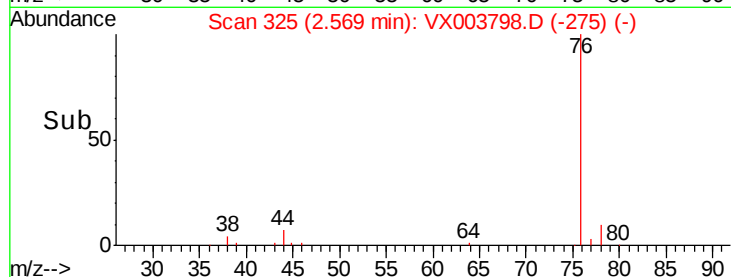
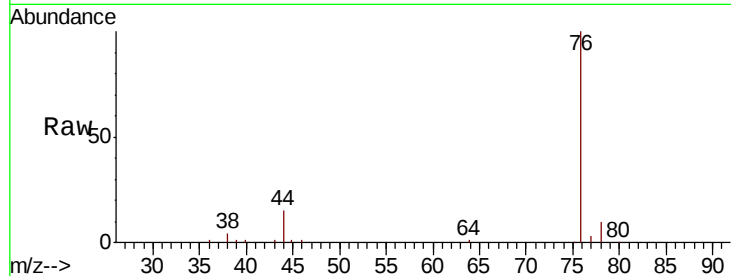
#17
Carbon Disulfide
Concen: 5.248 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Instrument :
MSVOA_X
ClientSampled :
GW-01(3-5)

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

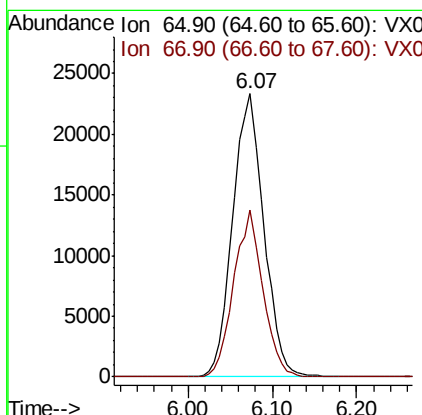
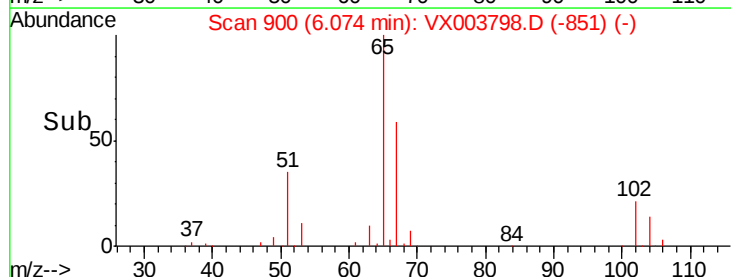
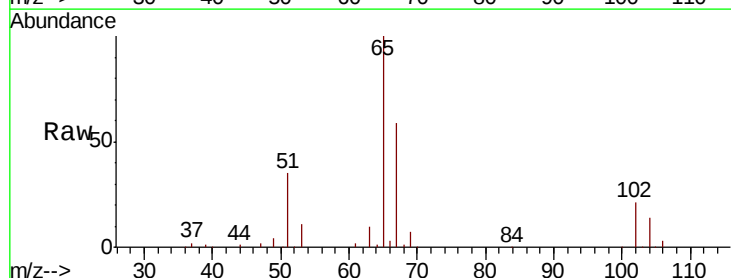
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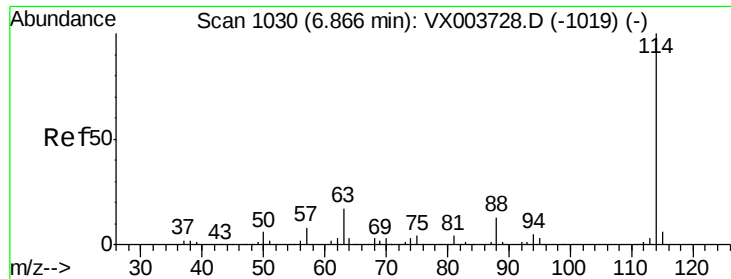
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#33
1,2-Dichloroethane-d4
Concen: 39.513 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

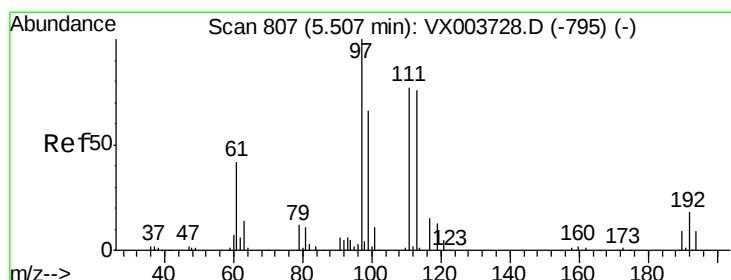
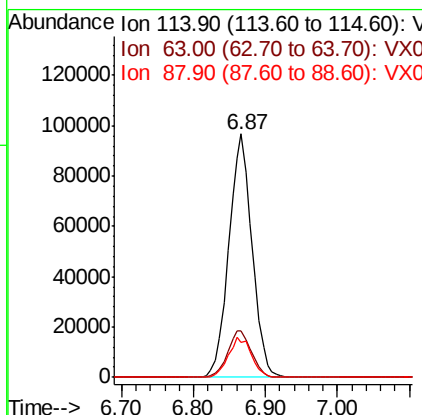
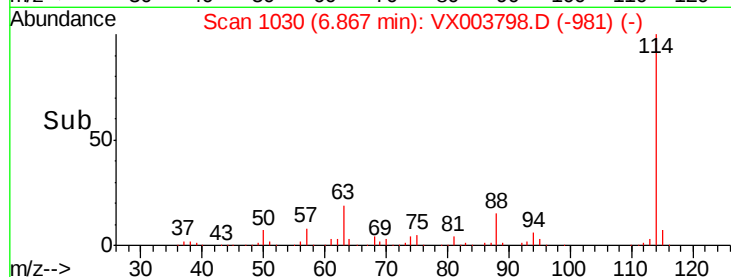
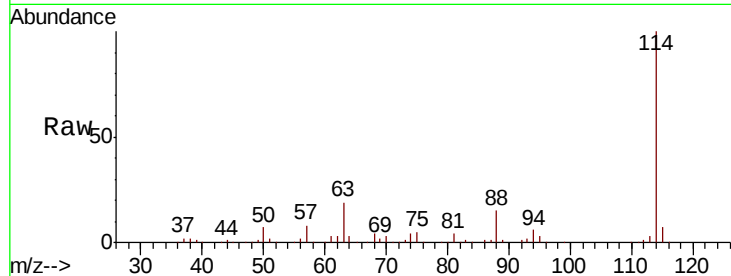
ClientSampleId :

GW-01(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	215935		
63	19.2	0.0	34.0	
88	14.6	0.0	26.4	

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#35

Dibromofluoromethane

Concen: 32.984 ug/l

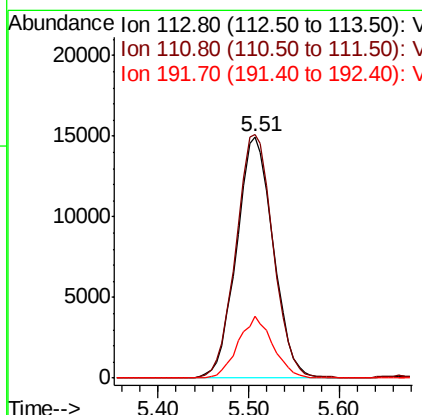
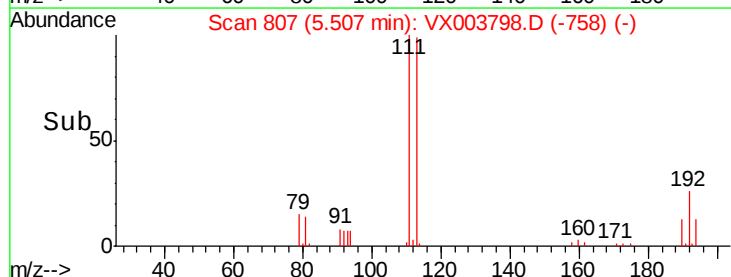
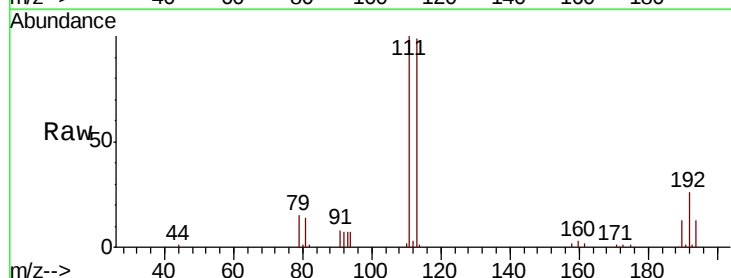
RT: 5.51 min Scan# 807

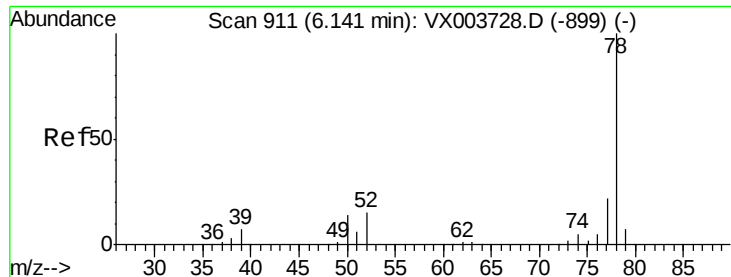
Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	41938		
111	102.2	81.8	122.6	
192	24.1	18.8	28.2	





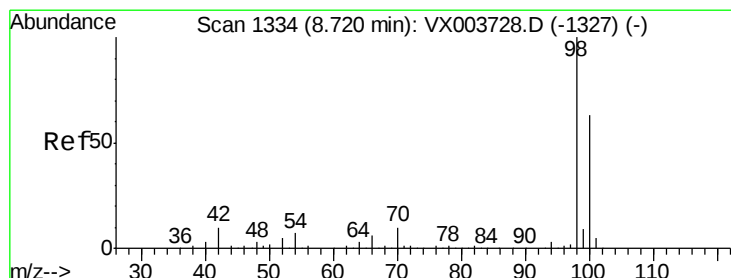
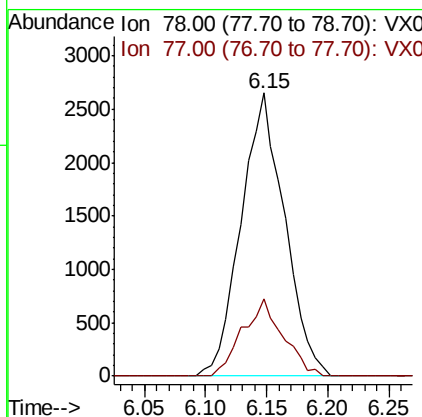
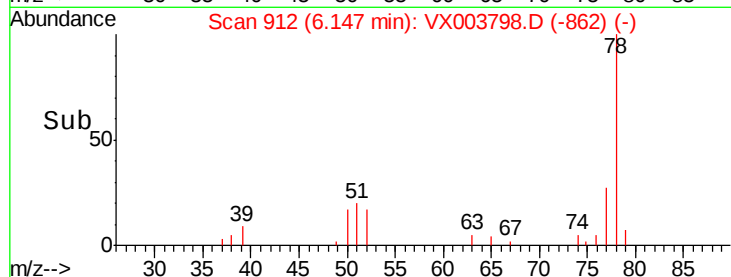
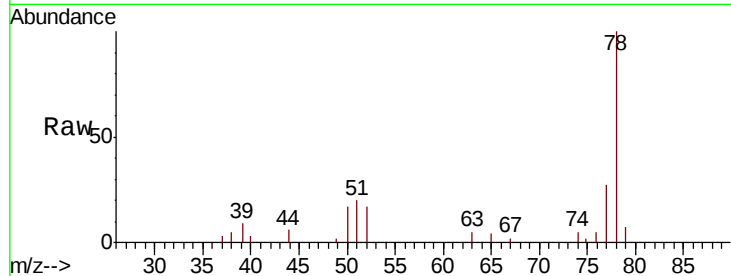
#40
Benzene
Concen: 1.131 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Instrument :
MSVOA_X
ClientSampleId :
GW-01(3-5)

Tot Ion: 78 Resp: 6553
Ion Ratio Lower Upper
78 100
77 27.1 17.9 26.9#

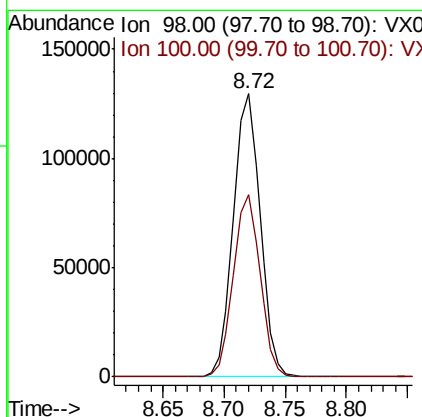
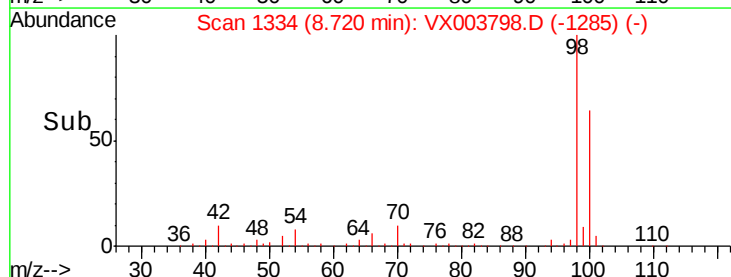
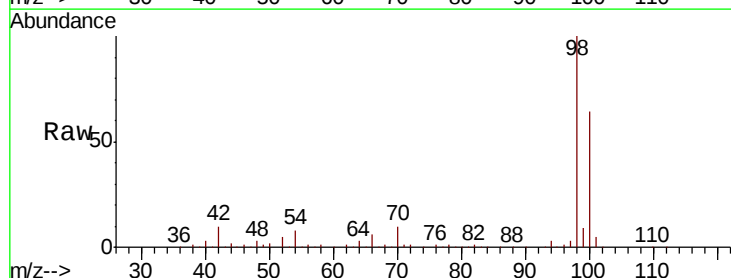
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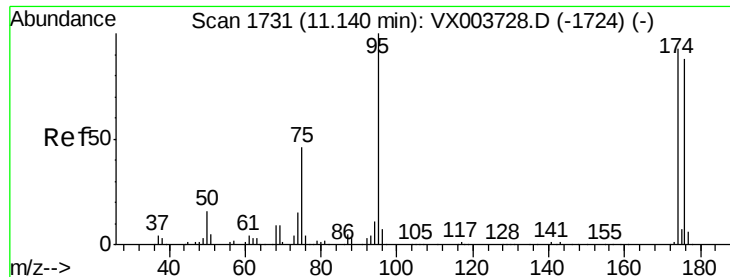
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#50
Toluene-d8
Concen: 37.268 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Tgt Ion: 98 Resp: 197566
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





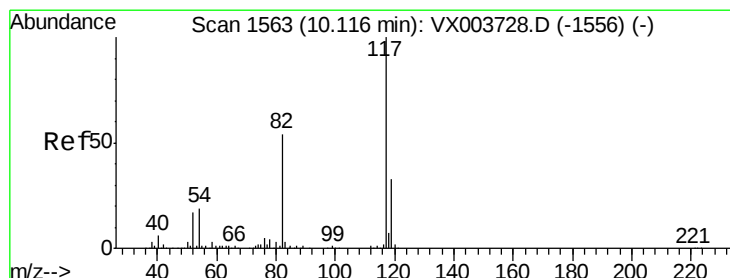
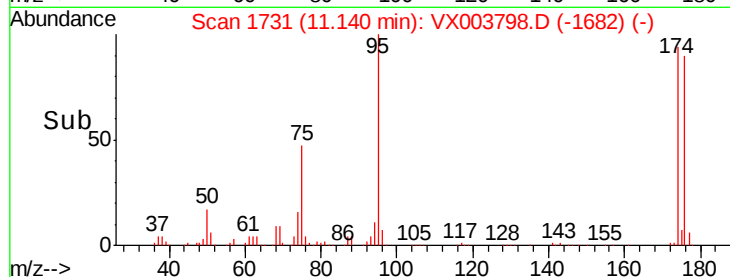
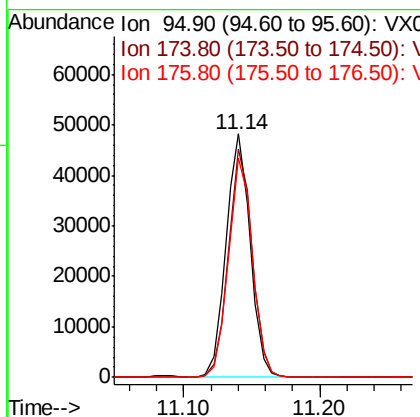
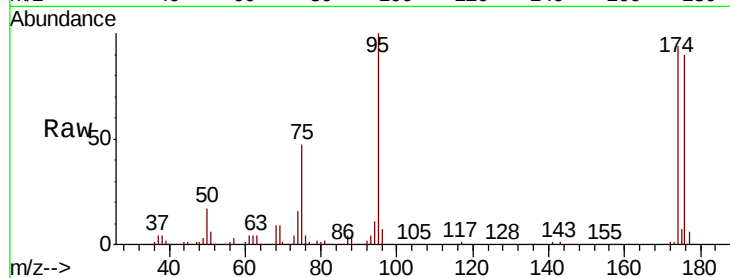
#62
4-Bromofluorobenzene
Concen: 30.349 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Instrument :
MSVOA_X
ClientSampleId :
GW-01(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	59320		
174	92.7	0.0	186.2	
176	89.4	0.0	179.2	

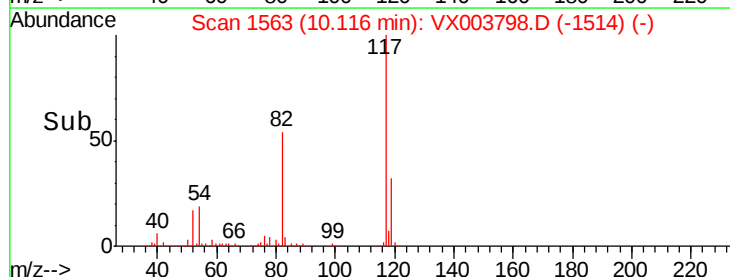
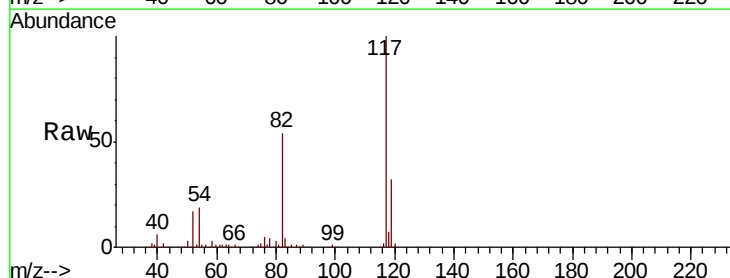
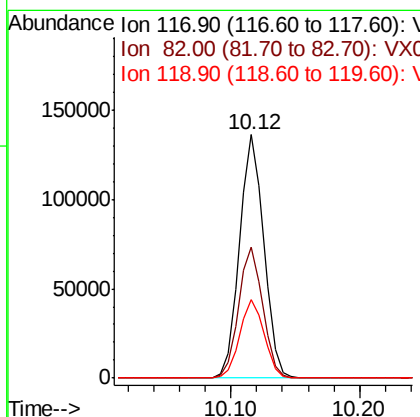
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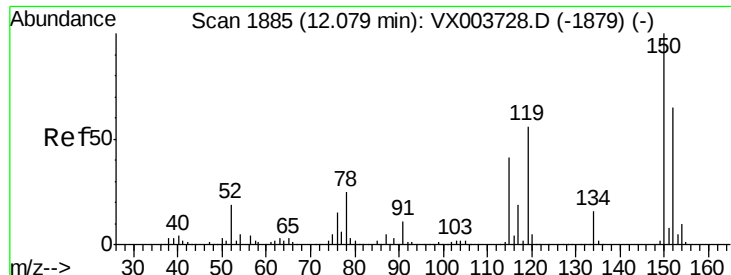
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177976		
82	53.7	43.2	64.8	
119	32.2	26.3	39.5	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

GW-01(3-5)

Tot Ion:152 Resp: 69902

Ion Ratio Lower Upper

152 100

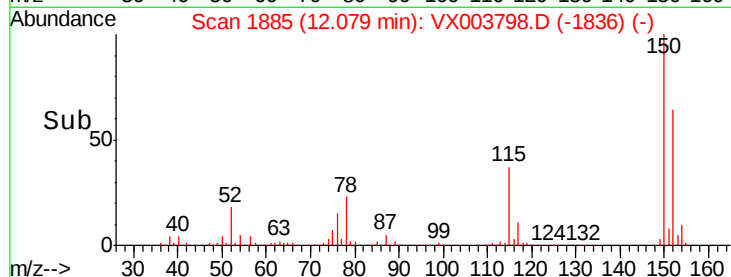
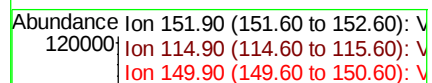
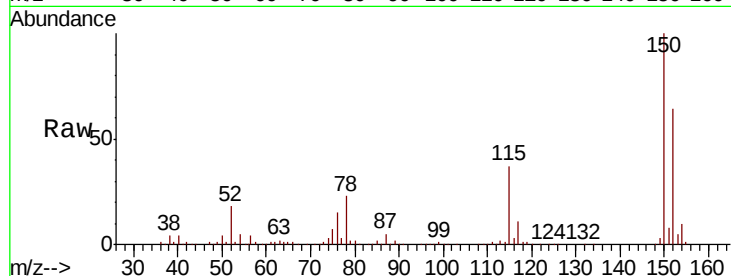
115 55.8 38.5 115.3

150 155.8 0.0 346.2

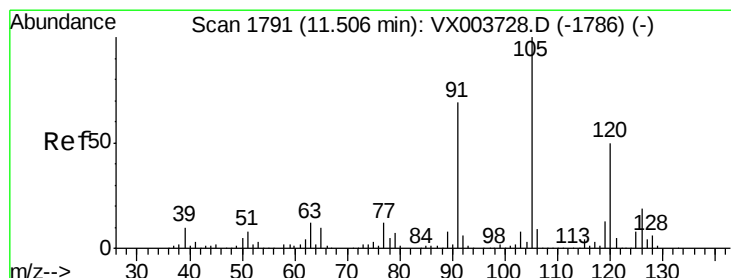
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#80

1,3,5-Trimethylbenzene

Concen: 1.761 ug/l m

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003798.D

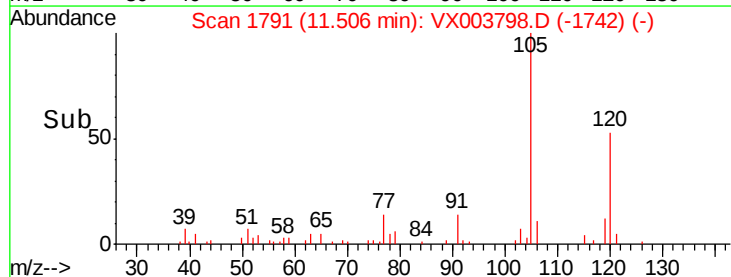
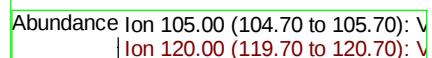
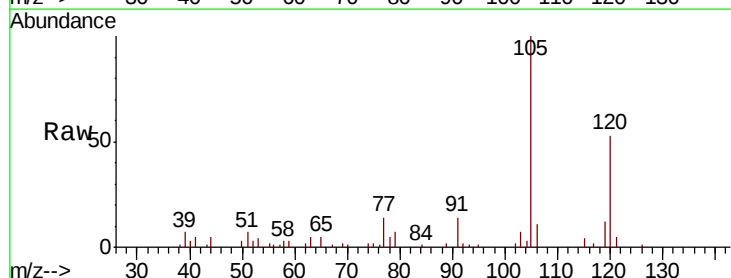
Acq: 01 Aug 2018 17:08

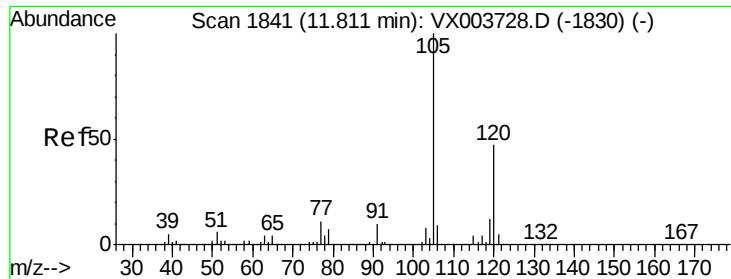
Tgt Ion:105 Resp: 6576

Ion Ratio Lower Upper

105 100

120 23.4 15.8 47.4





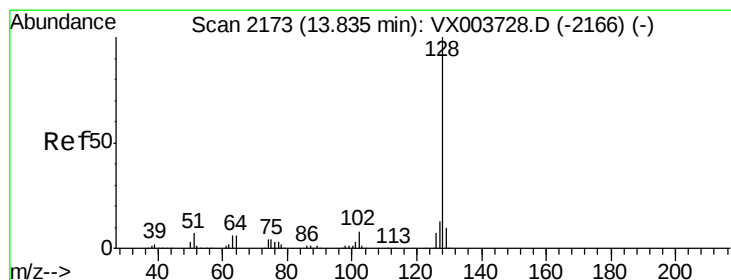
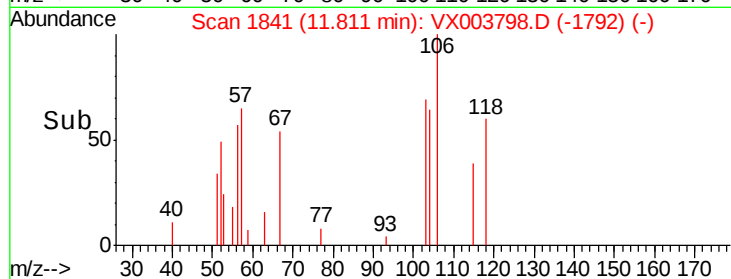
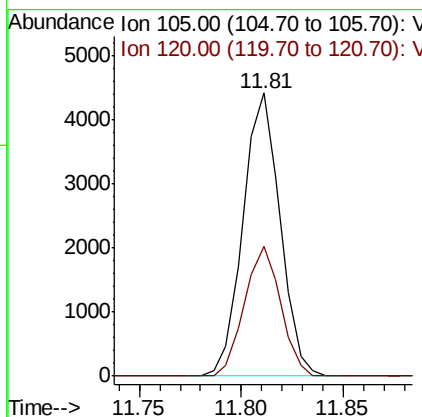
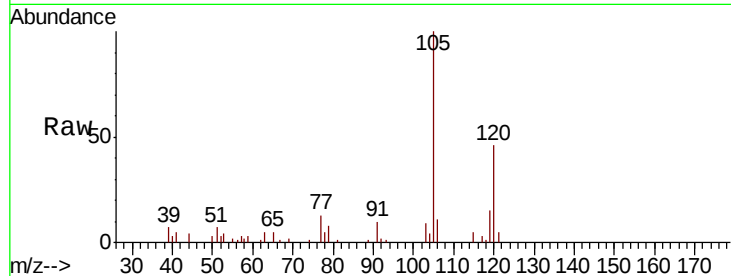
#84
 1,2,4-Trimethylbenzene
 Concen: 1.447 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

Instrument :
 MSVOA_X
 ClientSampled :
 GW-01(3-5)

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.1	69.2

Manual Integrations
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#95
 Naphthalene
 Concen: 5.152 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	14.9	8.7	13.1

