

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002528.D
 Acq On : 14 Jun 2018 00:55
 Operator : JC/MD
 Sample : J3413-06
 Misc : 5.81g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1RR

Manual Integrations
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MMDadoda
 6/14/2018 11:29:30 AM

Quant Time: Jun 14 04:05:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	213130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141991	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
35) Dibromofluoromethane	5.51	113	103726	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.18%	
50) Toluene-d8	8.72	98	502502	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	11.15	95	220401	59.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.16%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	1891469	482.388	ug/l #	93
39) Methylcyclohexane	7.46	83	2988615	713.424	ug/l	98
40) Benzene	6.13	78	150880	14.584	ug/l	97
52) Toluene	8.79	92	70610	10.731	ug/l	99
67) Ethyl Benzene	10.26	91	5321784	391.024	ug/l	100
68) m/p-Xylenes	10.37	106	2768177	523.234	ug/l	97
69) o-Xylene	10.71	106	53107	10.087	ug/l	98
73) Isopropylbenzene	11.02	105	513316	34.622	ug/l	100
78) n-propylbenzene	11.37	91	2789538	169.277	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3334871	262.241	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	10043660	767.244	ug/l	90
85) sec-Butylbenzene	11.95	105	217460m	14.979	ug/l	
95) Naphthalene	13.84	128	2227870	143.610	ug/l	98

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

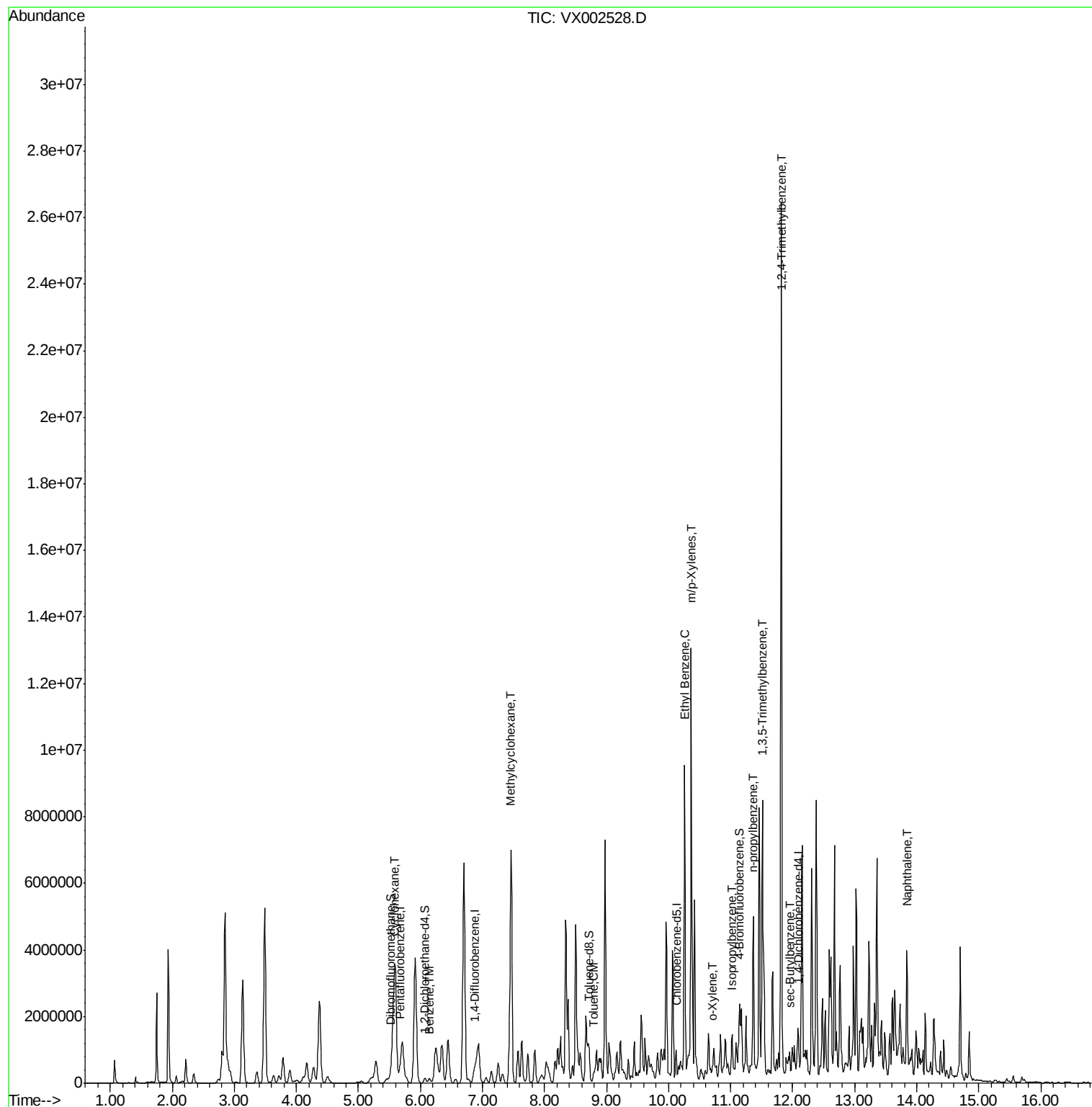
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002528.D
Acq On : 14 Jun 2018 00:55
Operator : JC/MD
Sample : J3413-06
Misc : 5.81q/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 31 Sample Multiplier: 1

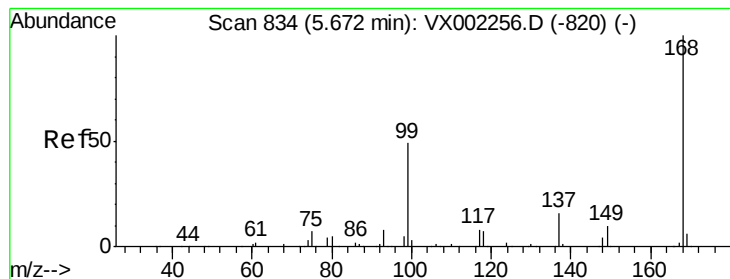
Instrument :
MSVOA_X
ClientSampleId :
SW-1RR

Manual Integrations
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Quant Time: Jun 14 04:05:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Instrument :

MSVOA_X

ClientSampled :

SW-1RR

Tot Ion:168 Resp: 217162

Ion Ratio Lower Upper

168 100

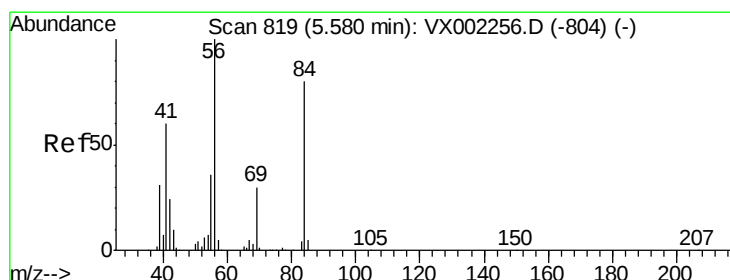
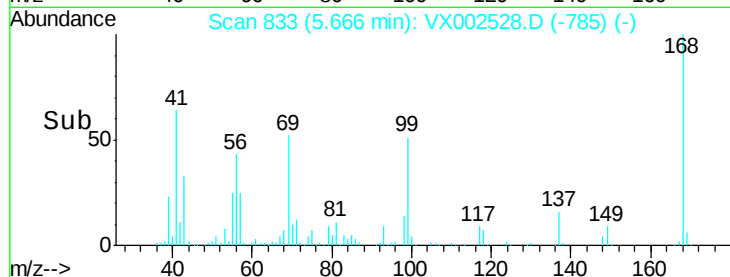
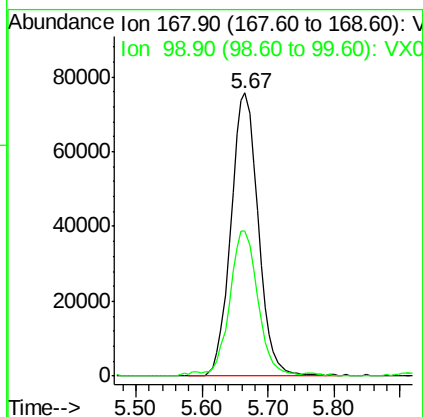
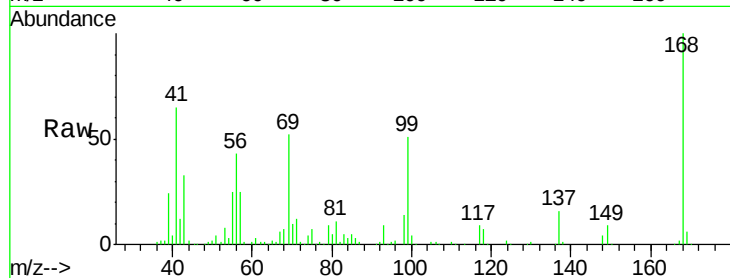
99 50.9 39.3 58.9

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#31

Cyclohexane

Concen: 482.388 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

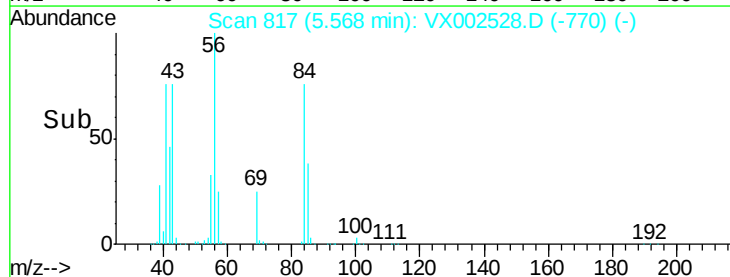
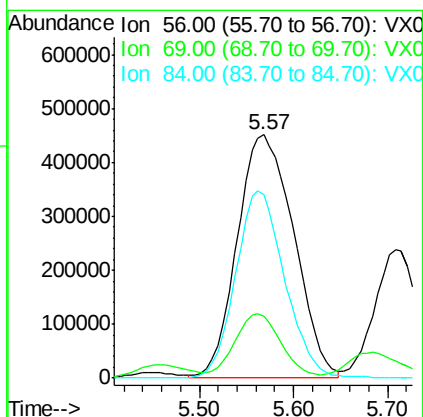
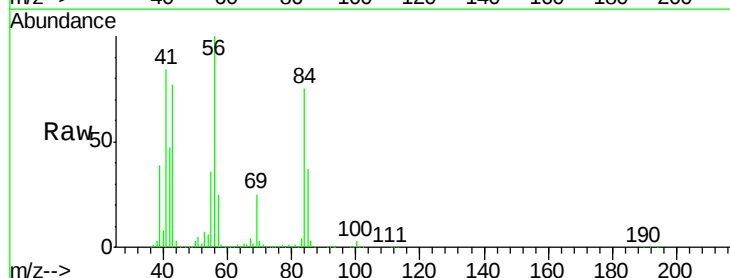
Tgt Ion: 56 Resp: 1891469

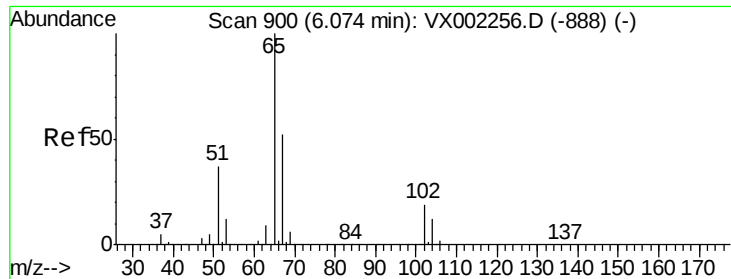
Ion Ratio Lower Upper

56 100

69 22.4 23.7 35.5#

84 76.0 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 45.406 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

SW-1RR

Tot Ion: 65 Resp: 141991

Ion Ratio Lower Upper

65 100

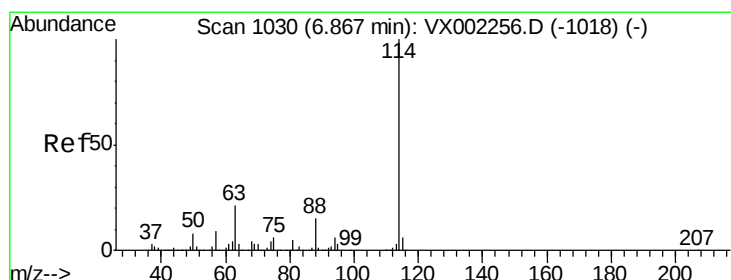
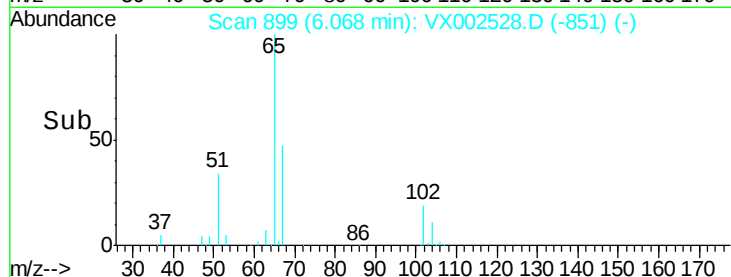
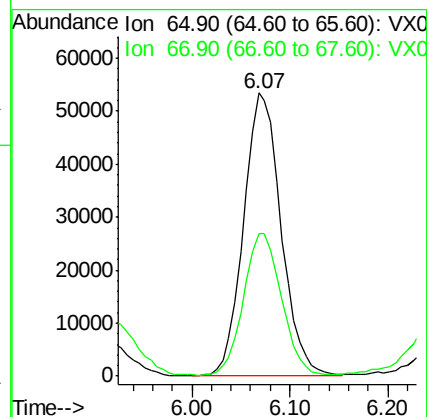
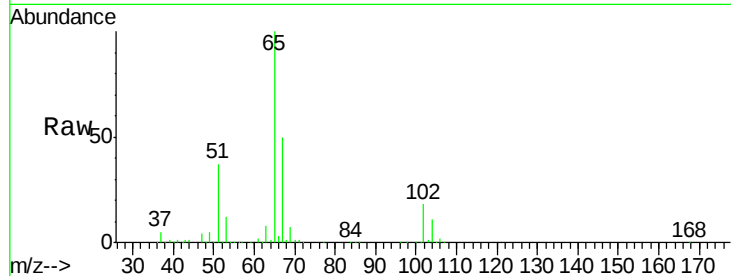
67 50.9 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

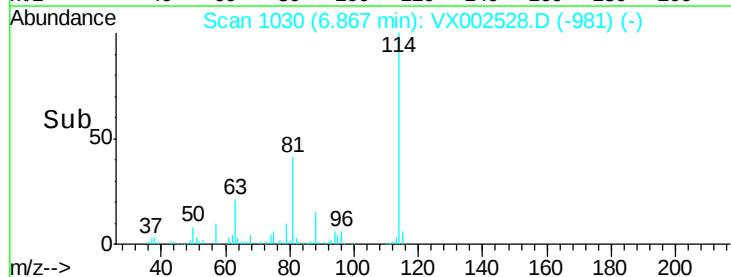
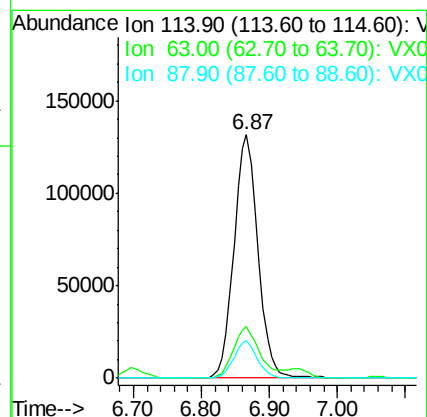
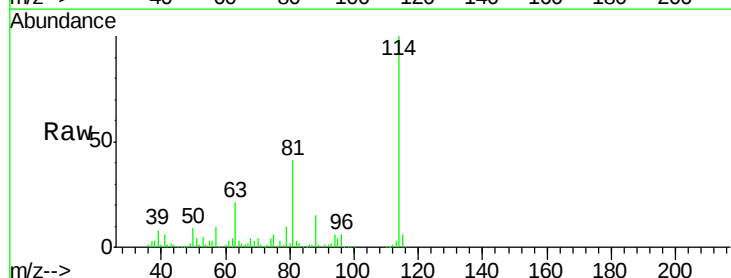
Tgt Ion: 114 Resp: 320960

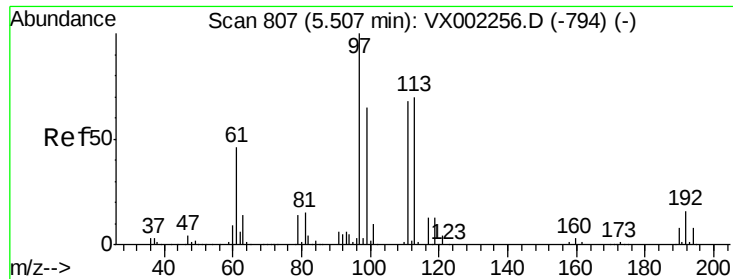
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 41.095 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Instrument :

MSVOA_X

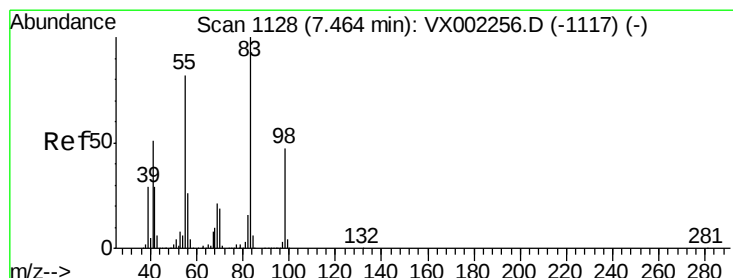
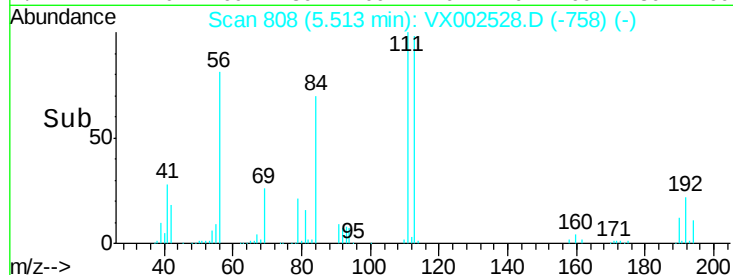
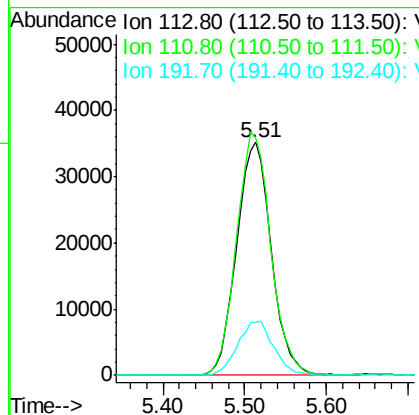
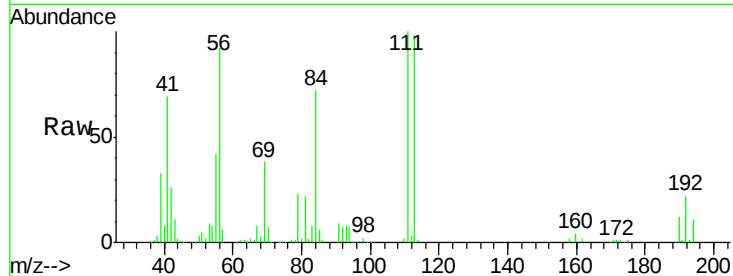
ClientSampleId :

SW-1RR

Tot Ion:	113	Resp:	103726
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.0
192	23.8	19.1	28.7

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#39

Methylcyclohexane

Concen: 713.424 ug/l

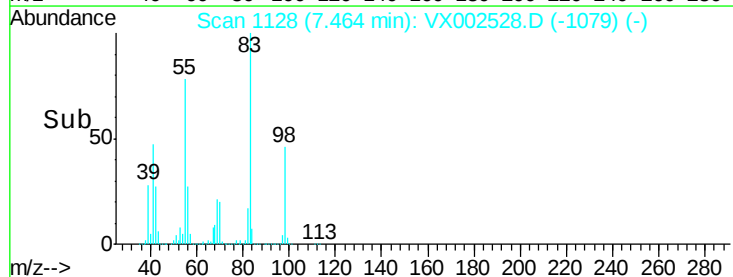
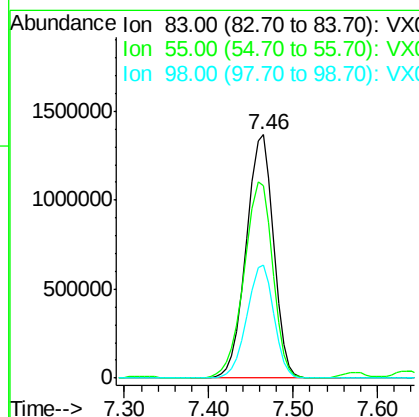
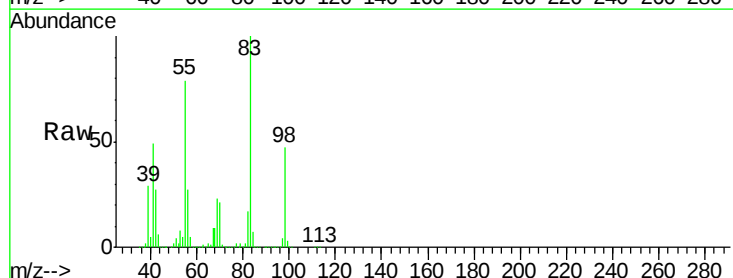
RT: 7.46 min Scan# 1128

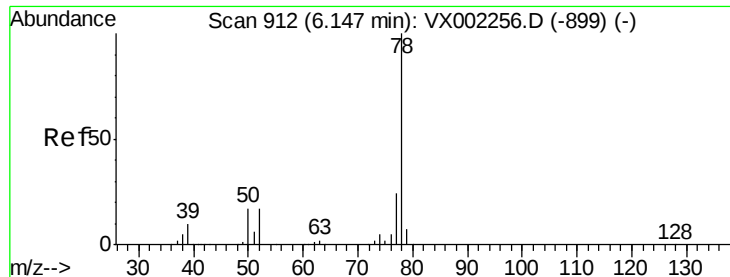
Delta R.T. 0.00 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Tgt Ion:	83	Resp:	2988615
Ion Ratio	Lower	Upper	
83	100		
55	79.2	65.4	98.0
98	46.5	37.4	56.0





#40

Benzene

Concen: 14.584 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

SW-1RR

Tot Ion: 78 Resp: 150880

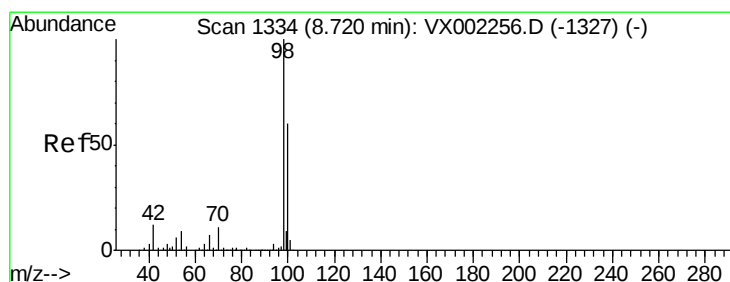
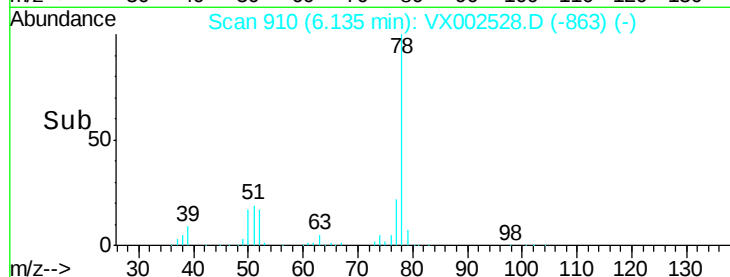
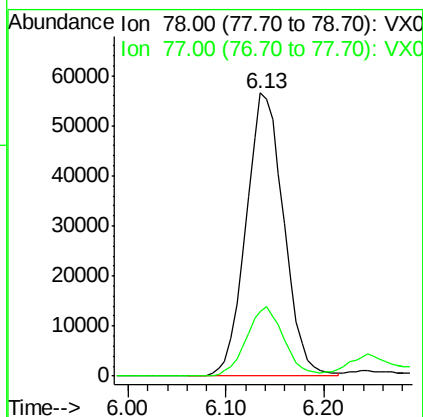
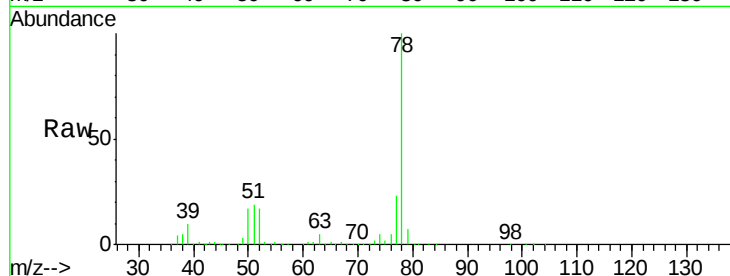
Ion Ratio Lower Upper

78 100

77 22.5 19.1 28.7

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#50

Toluene-d8

Concen: 51.941 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002528.D

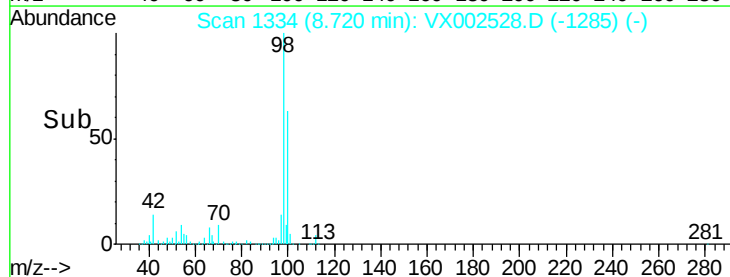
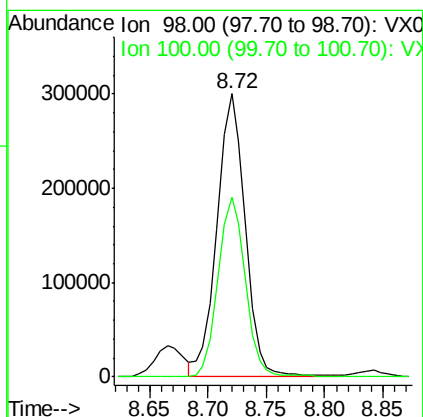
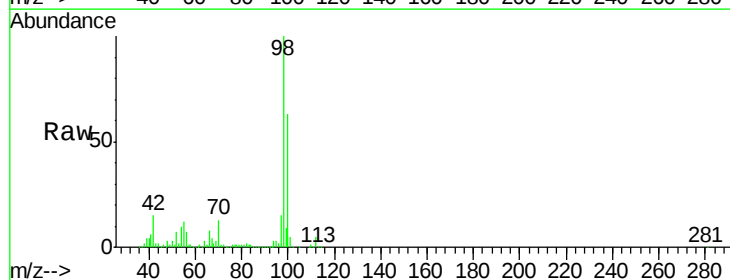
Acq: 14 Jun 2018 00:55

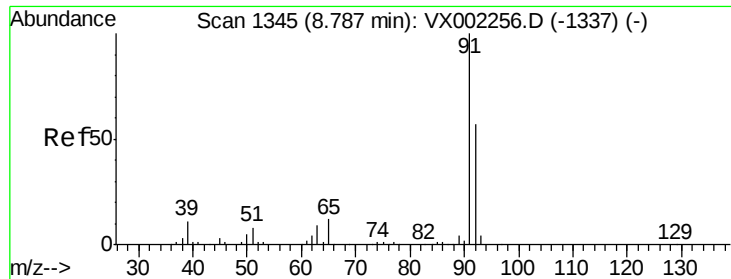
Tgt Ion: 98 Resp: 502502

Ion Ratio Lower Upper

98 100

100 61.8 50.9 76.3





#52

Toluene

Concen: 10.731 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

SW-1RR

Tot Ion: 92 Resp: 70610

Ion Ratio Lower Upper

92 100

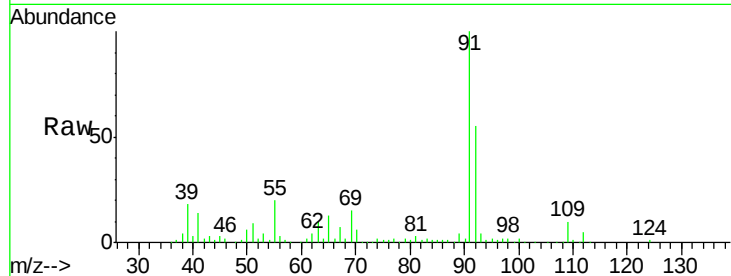
91 177.6 140.4 210.6

Manual Integrations

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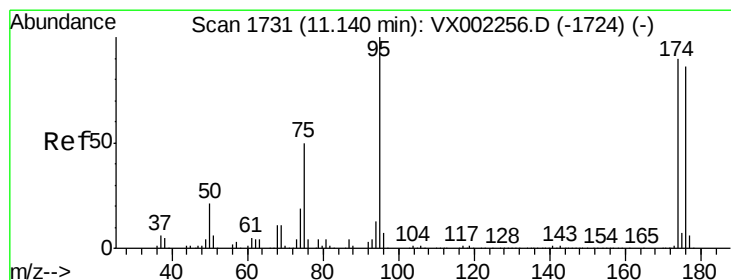
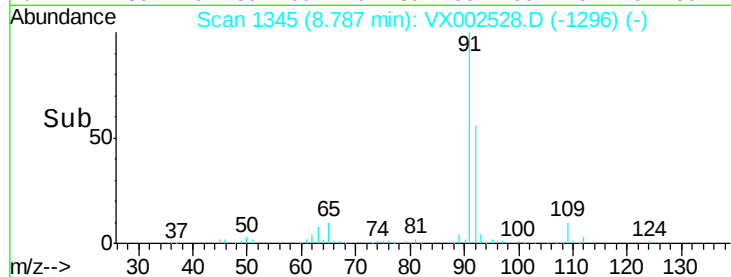
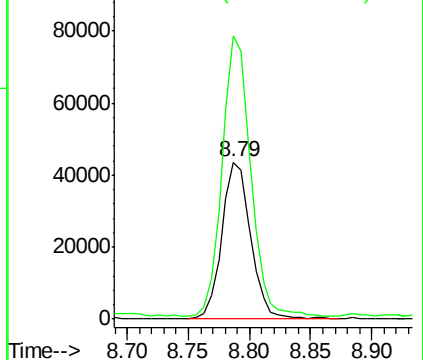
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 59.079 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

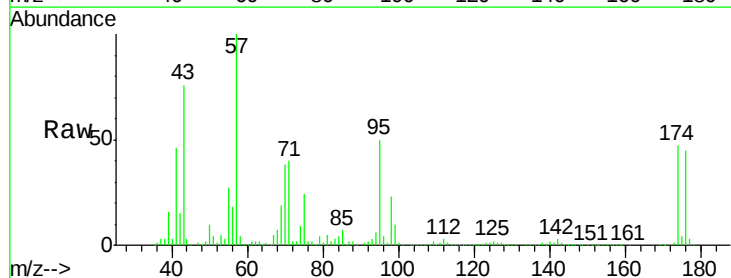
Tgt Ion: 95 Resp: 220401

Ion Ratio Lower Upper

95 100

174 83.9 0.0 187.4

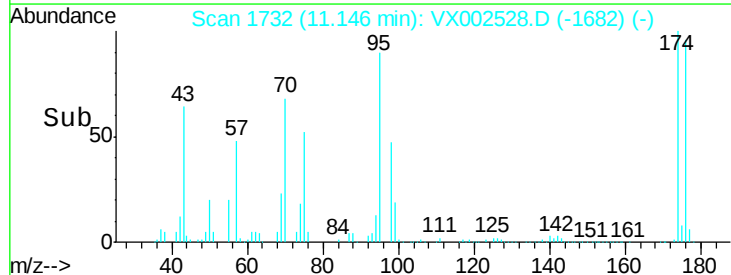
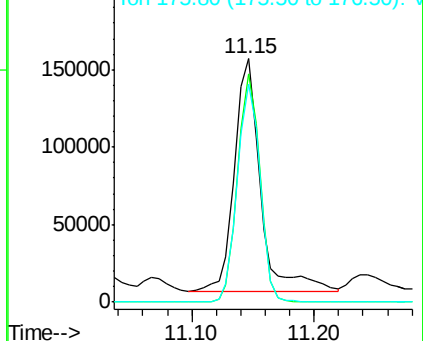
176 81.6 0.0 181.0

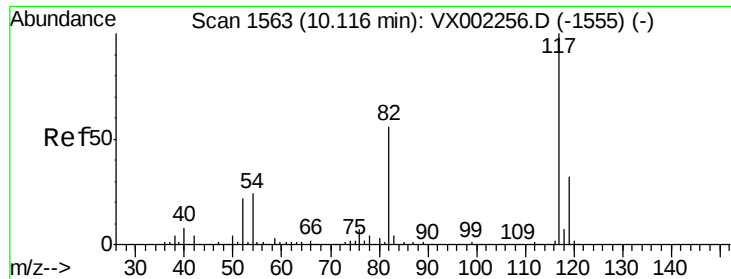


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





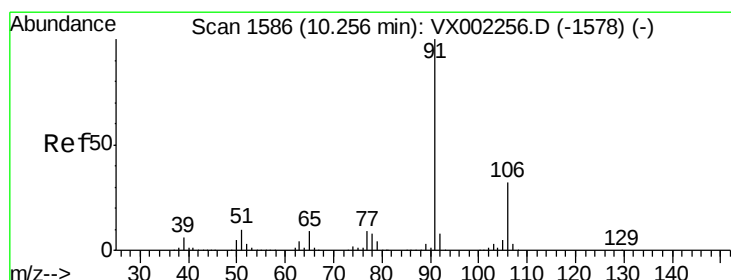
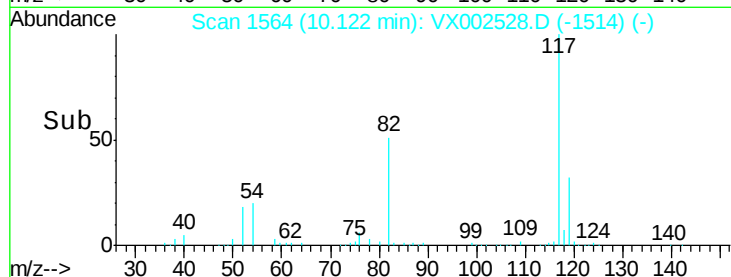
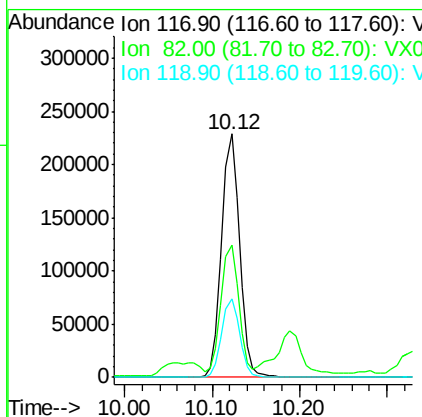
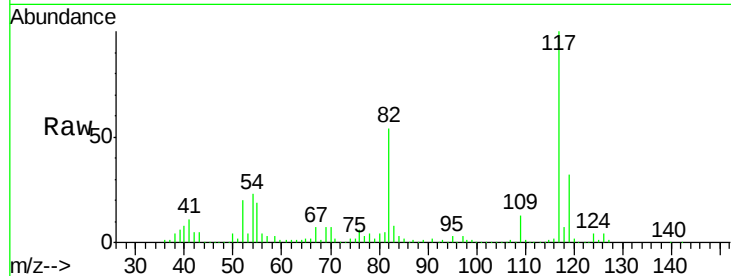
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002528.D
Acq: 14 Jun 2018 00:55

Instrument :
MSVOA_X
ClientSampleId :
SW-1RR

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	45.0	67.4
119	32.2	25.8	38.6

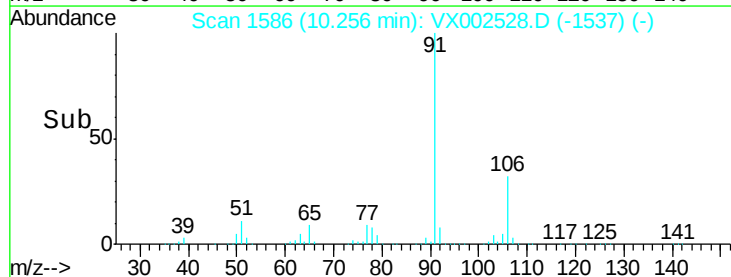
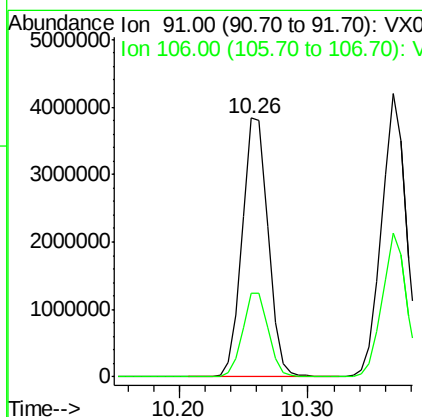
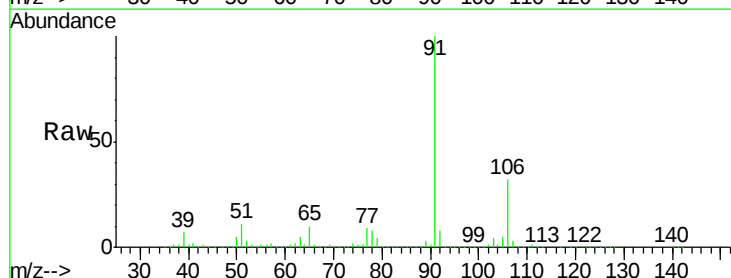
Manual Integrations
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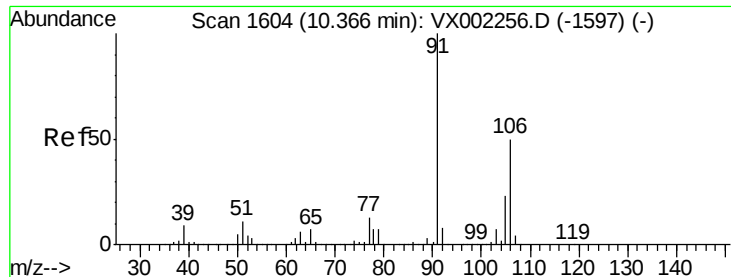
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#67
Ethyl Benzene
Concen: 391.024 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002528.D
Acq: 14 Jun 2018 00:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.5	38.3





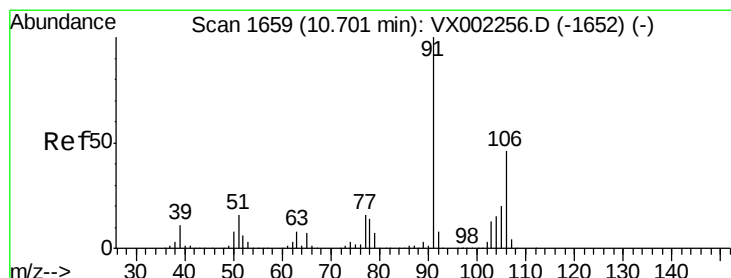
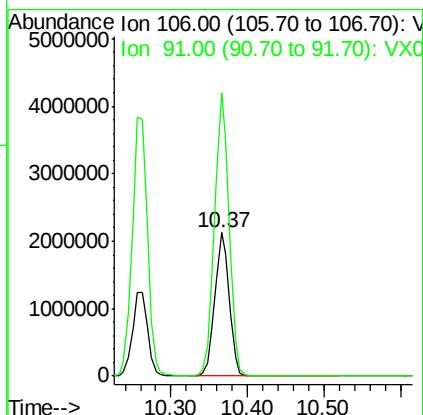
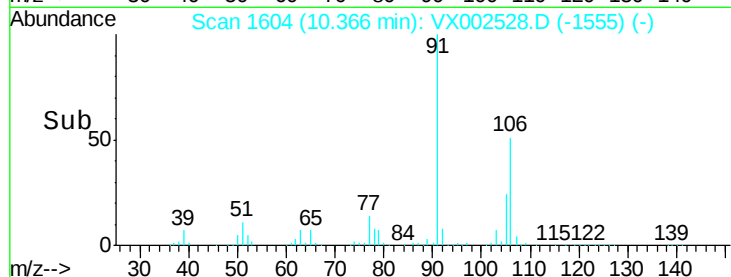
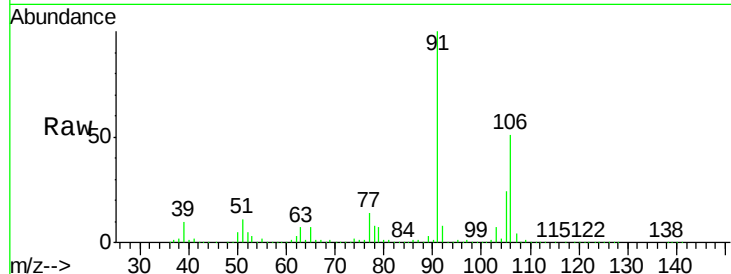
#68
m/p-Xylenes
Concen: 523.234 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002528.D
Acq: 14 Jun 2018 00:55

Instrument :
MSVOA_X
ClientSampleId :
SW-1RR

Tot Ion:106 Resp: 2768177
Ion Ratio Lower Upper
106 100
91 199.4 163.4 245.2

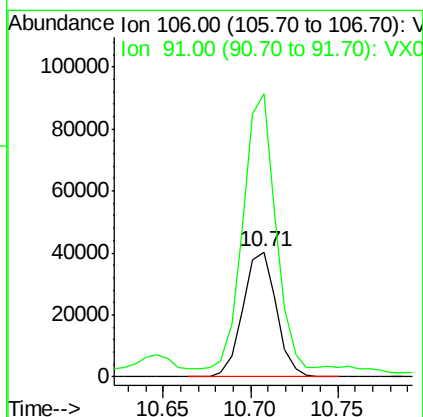
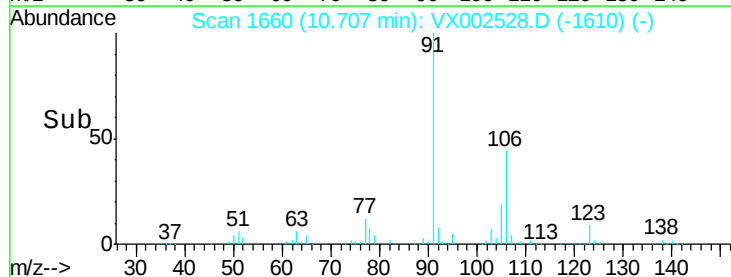
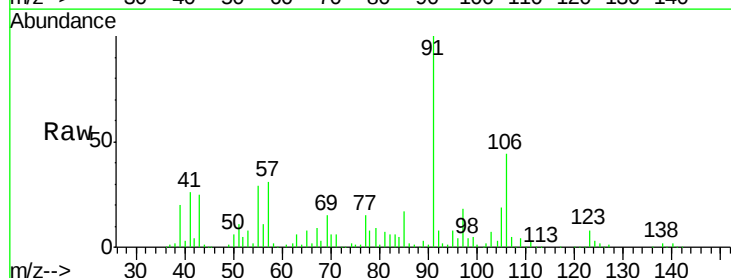
Manual Integrations
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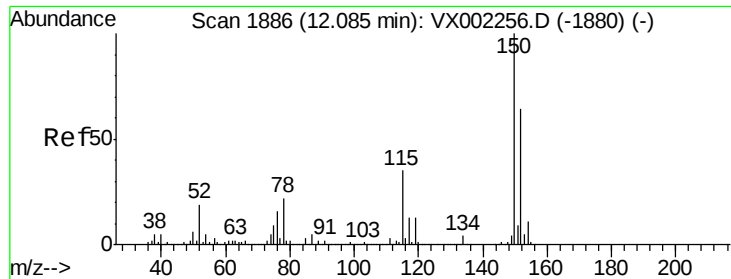
MMDadoda
6/14/2018 11:29:30 AM



#69
o-Xylene
Concen: 10.087 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002528.D
Acq: 14 Jun 2018 00:55

Tgt Ion:106 Resp: 53107
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Instrument :

MSVOA_X

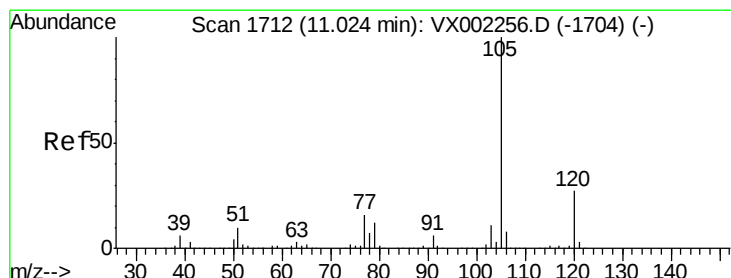
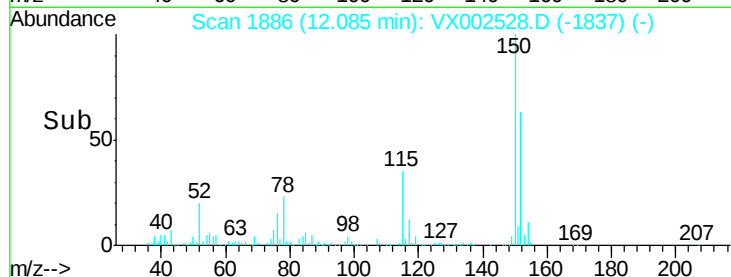
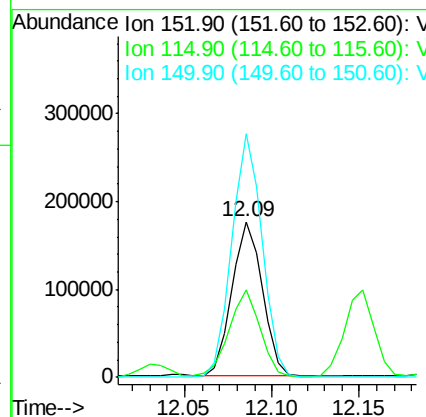
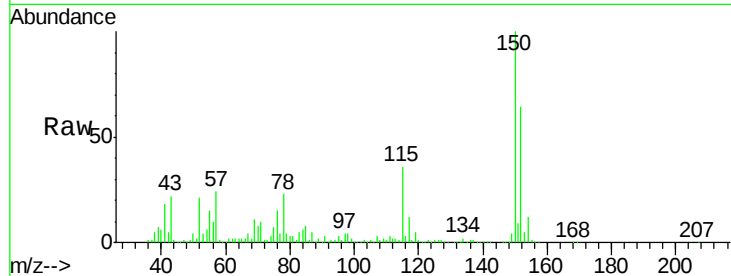
ClientSampled :

SW-1RR

Tot Ion:	152	Resp:	213130
Ion Ratio	Lower	Upper	
152	100		
115	57.6	40.1	120.2
150	156.7	0.0	347.2

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#73

Isopropylbenzene

Concen: 34.622 ug/l

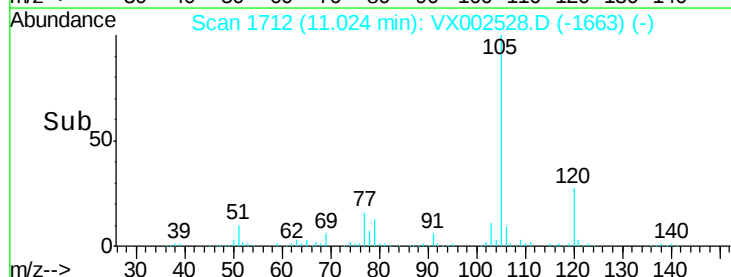
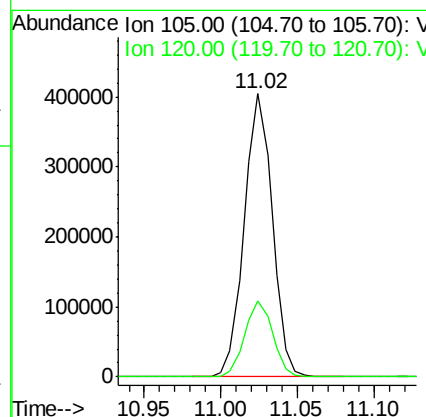
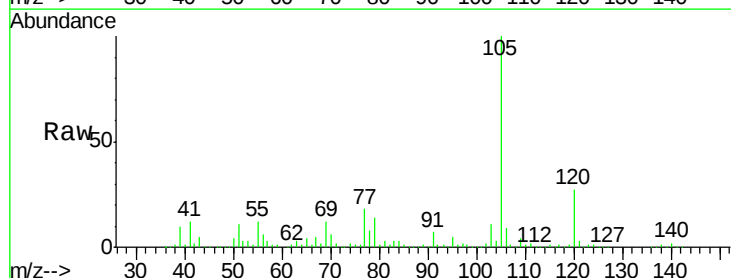
RT: 11.02 min Scan# 1712

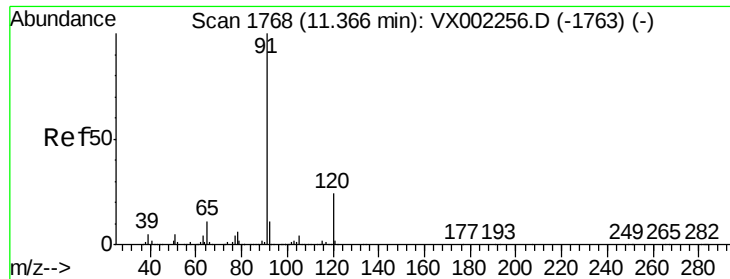
Delta R.T. -0.00 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Tgt Ion:	105	Resp:	513316
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.5	40.4





#78

n-propylbenzene

Concen: 169.277 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002528.D

Acq: 14 Jun 2018 00:55

Instrument :

MSVOA_X

ClientSampled :

SW-1RR

Tot Ion: 91 Resp: 2789538

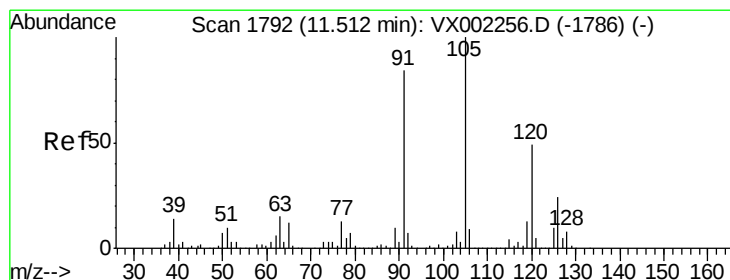
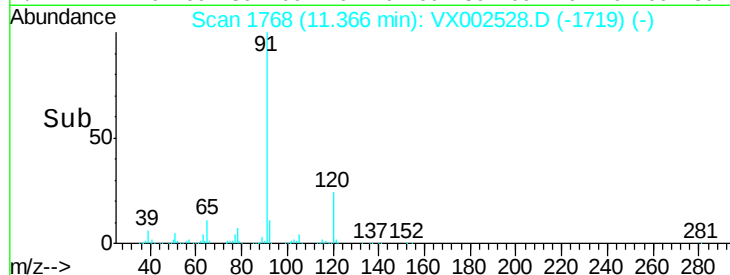
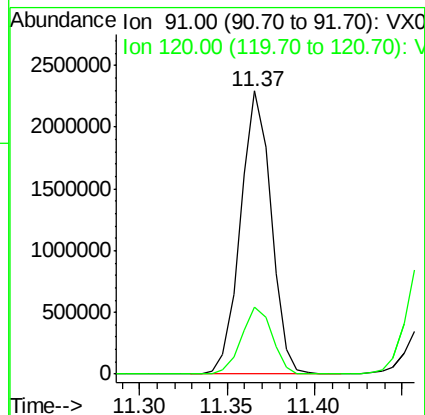
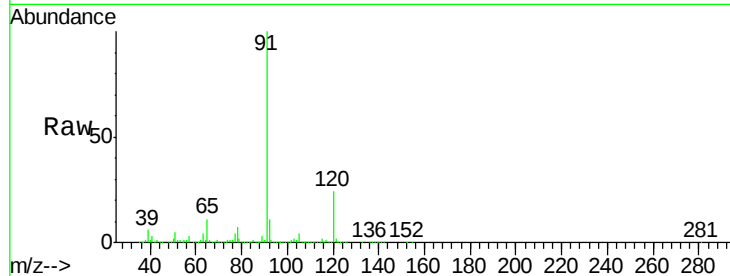
Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 262.241 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002528.D

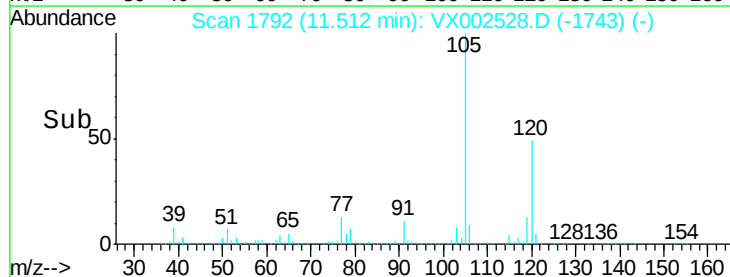
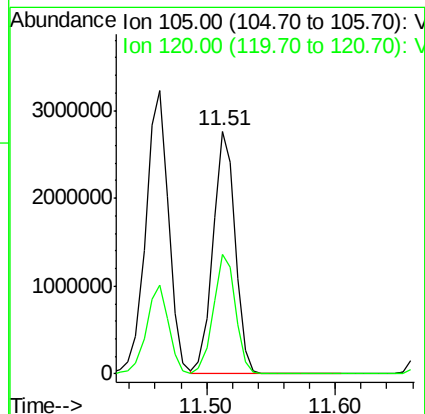
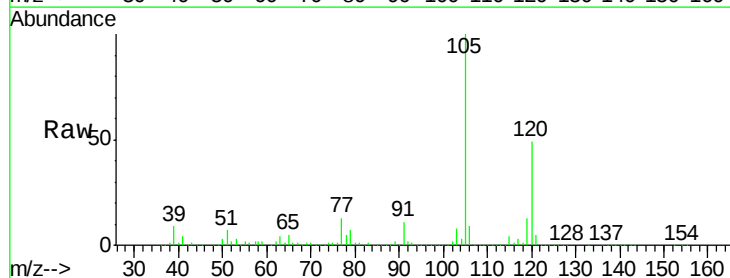
Acq: 14 Jun 2018 00:55

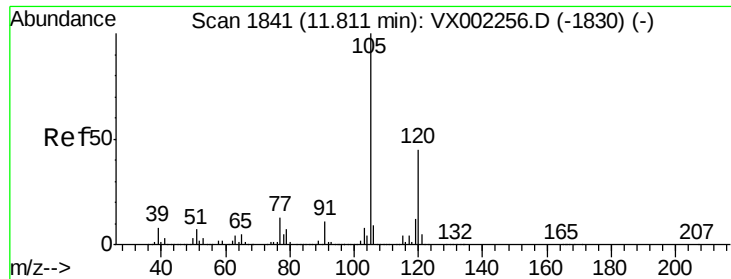
Tgt Ion: 105 Resp: 3334871

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4





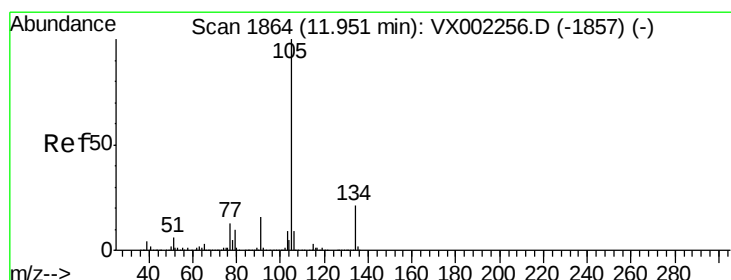
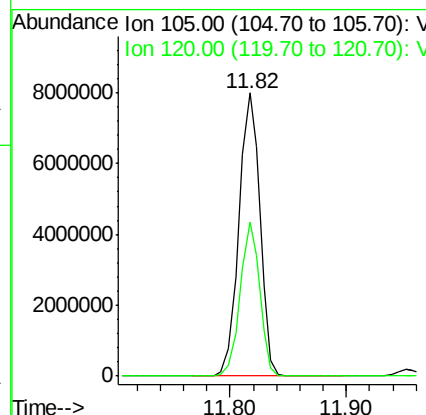
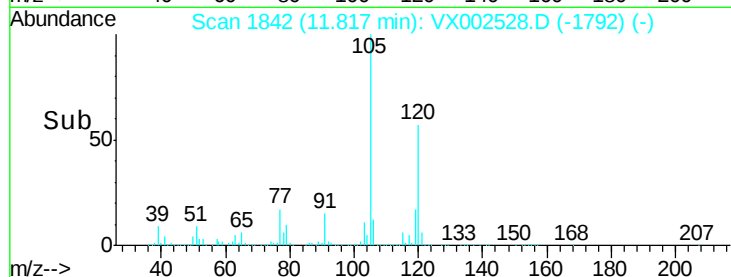
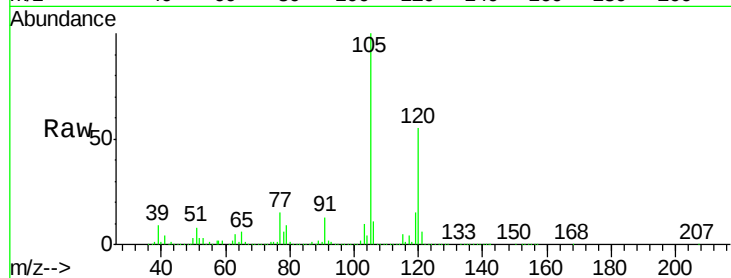
#84
 1,2,4-Trimethylbenzene
 Concen: 767.244 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX002528.D
 Acq: 14 Jun 2018 00:55

Instrument :
 MSVOA_X
 ClientSampled :
 SW-1RR

Tot Ion:105 Resp:10043660
 Ion Ratio Lower Upper
 105 100
 120 50.8 22.3 66.8

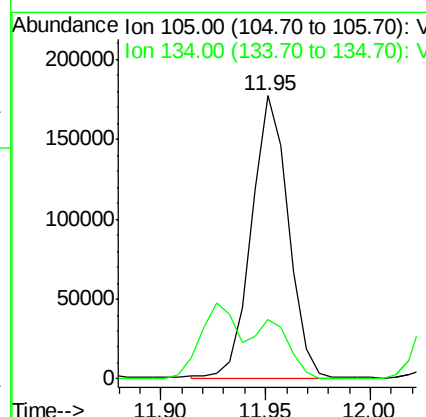
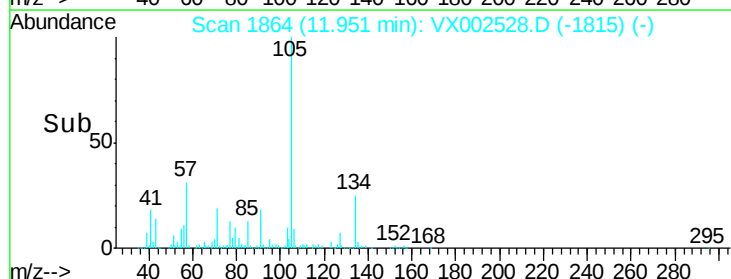
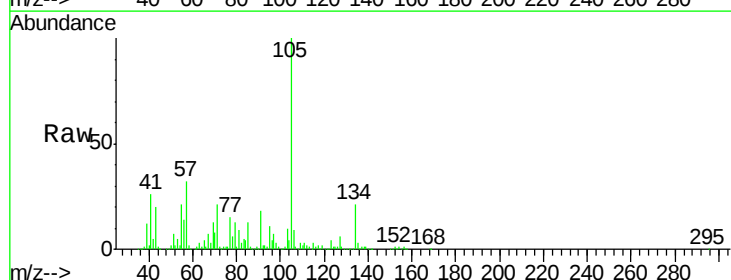
Manual Integrations
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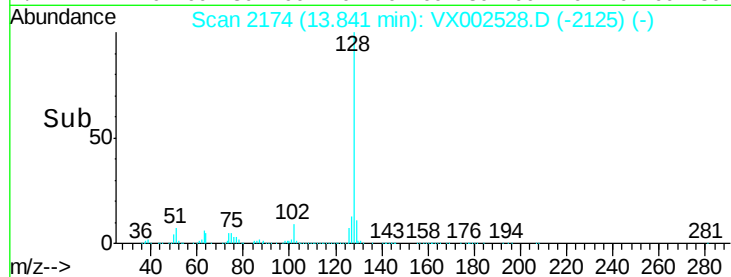
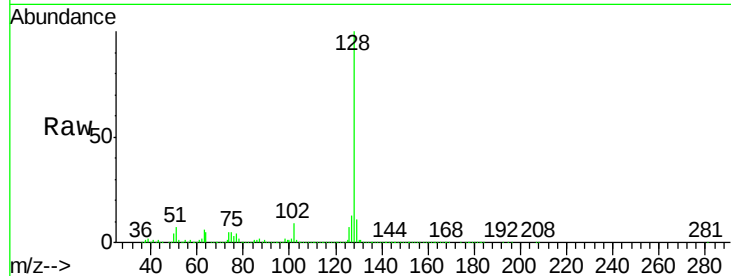
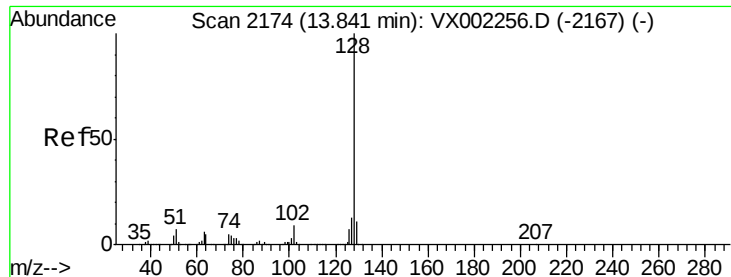
MMDadoda
 6/14/2018 11:29:30 AM



#85
 sec-Butylbenzene
 Concen: 14.979 ug/l m
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002528.D
 Acq: 14 Jun 2018 00:55

Tgt Ion:105 Resp: 217460
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





#95
Naphthalene
Concen: 143.610 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002528.D
Acq: 14 Jun 2018 00:55

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.0	8.6	13.0

Instrument :
MSVOA_X
ClientSampleId :
SW-1RR

Manual Integrations
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MMDadoda
6/14/2018 11:29:30 AM

