

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002529.D
 Acq On : 14 Jun 2018 01:21
 Operator : JC/MD
 Sample : J3413-04
 Misc : 6.70g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-5ARR

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:29 AM

Quant Time: Jun 14 04:20:59 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	5.66	168	230160	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	335722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149425	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
35) Dibromofluoromethane	5.51	113	112036	42.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.88%	
50) Toluene-d8	8.72	98	482839	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.15	95	201136	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.56	56	307293	73.944	ug/l #	95
39) Methylcyclohexane	7.46	83	615610	140.704	ug/l	98
40) Benzene	6.14	78	167236	15.454	ug/l	99
52) Toluene	8.79	92	15479	2.249	ug/l	94
67) Ethyl Benzene	10.26	91	1671753	121.682	ug/l	99
68) m/p-Xylenes	10.37	106	2099538	393.128	ug/l	98
69) o-Xylene	10.70	106	50391	9.481	ug/l	98
73) Isopropylbenzene	11.02	105	172574	11.582	ug/l	100
78) n-propylbenzene	11.37	91	981986	59.294	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1438130	112.529	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	4933572	375.013	ug/l	96
85) sec-Butylbenzene	11.95	105	94478m	6.476	ug/l	
95) Naphthalene	13.84	128	1099509	70.524	ug/l	98

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

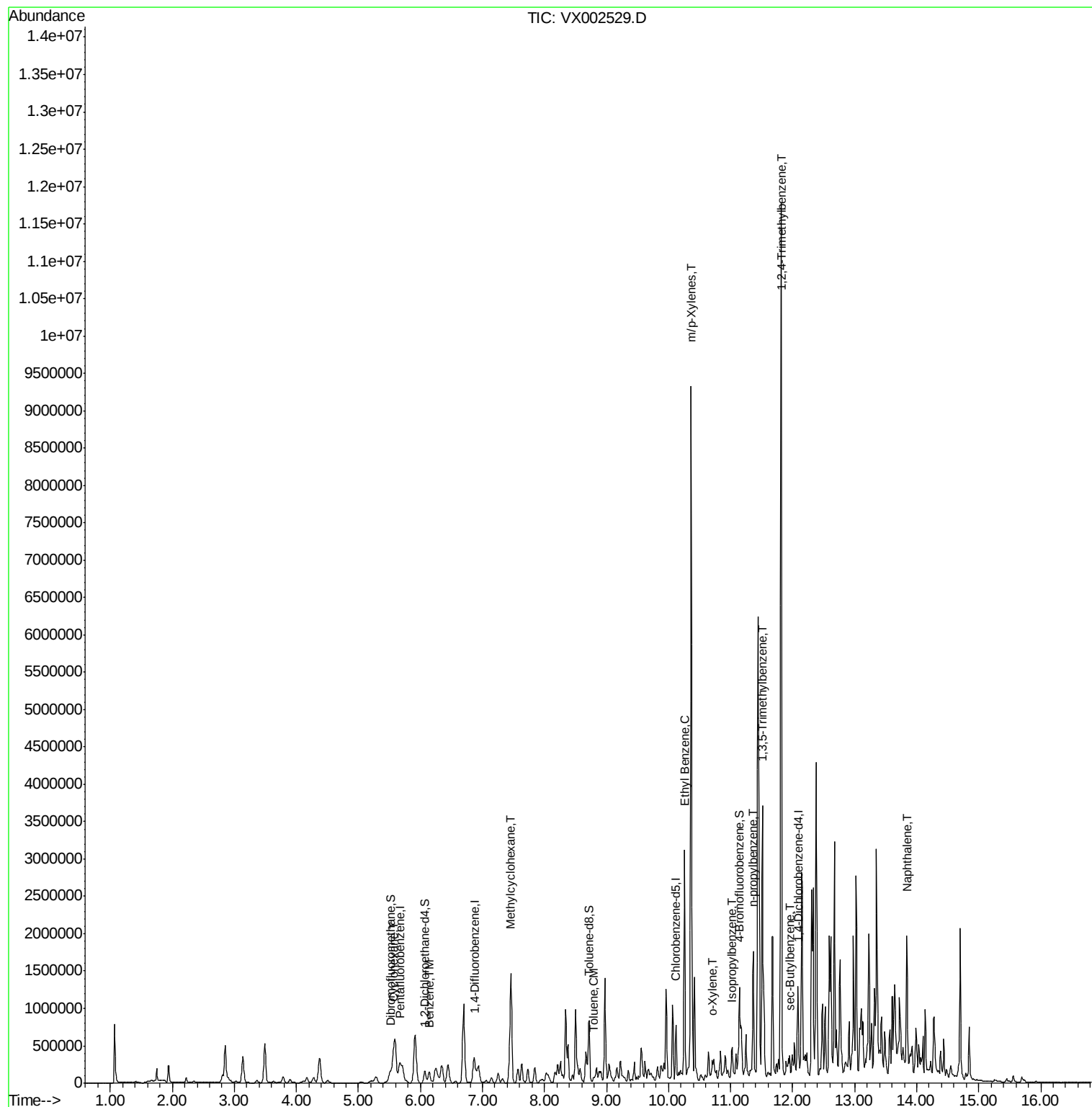
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002529.D
Acq On : 14 Jun 2018 01:21
Operator : JC/MD
Sample : J3413-04
Misc : 6.70g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

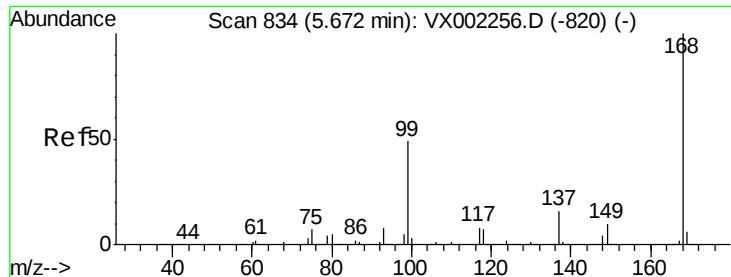
Instrument :
MSVOA_X
ClientSampleId :
B-5ARR

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6/14/2018 11:29:29 AM

Quant Time: Jun 14 04:20:59 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: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampled :

B-5ARR

Tot Ion:168 Resp: 230160

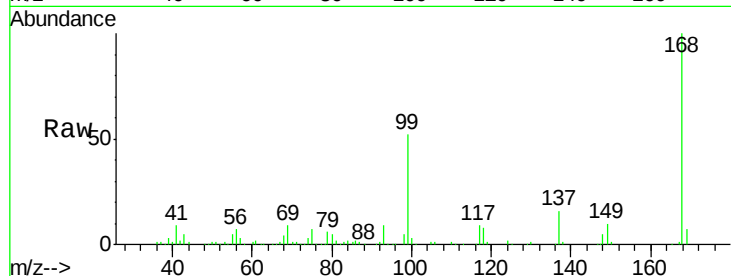
Ion Ratio Lower Upper

168 100

99 51.5 39.3 58.9

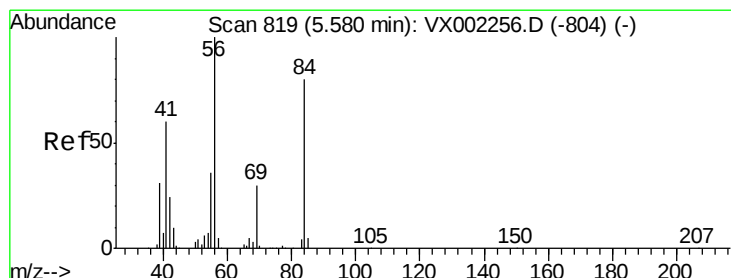
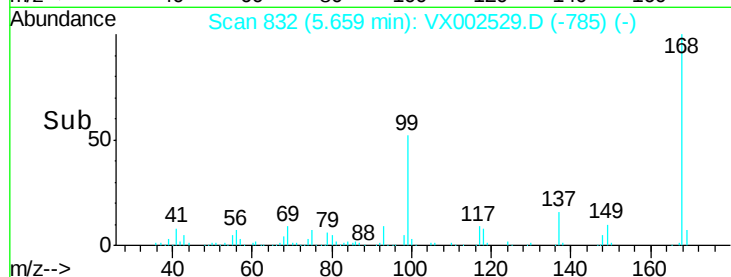
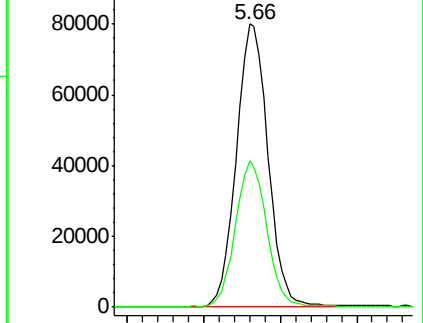
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 73.944 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.02 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

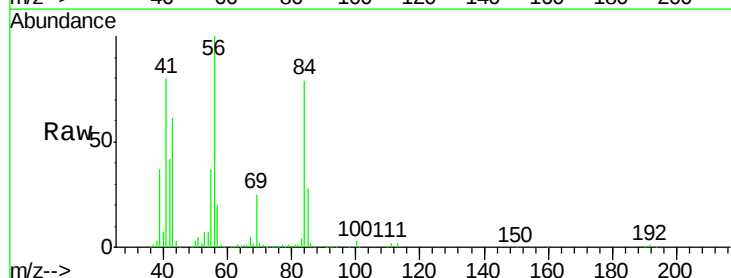
Tgt Ion: 56 Resp: 307293

Ion Ratio Lower Upper

56 100

69 21.5 23.7 35.5#

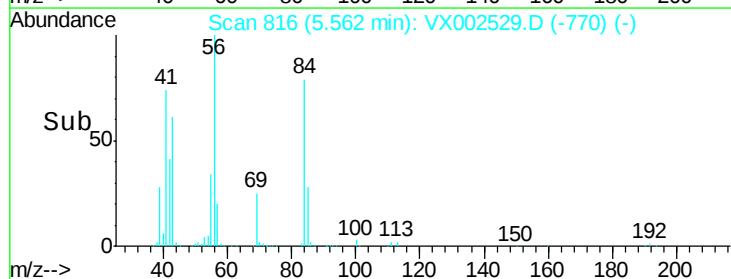
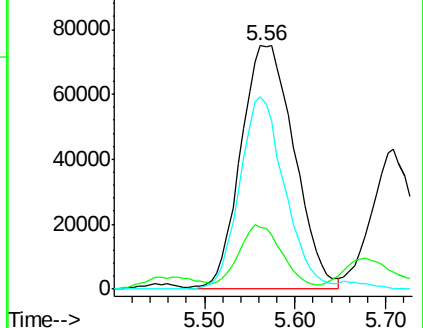
84 79.5 64.1 96.1

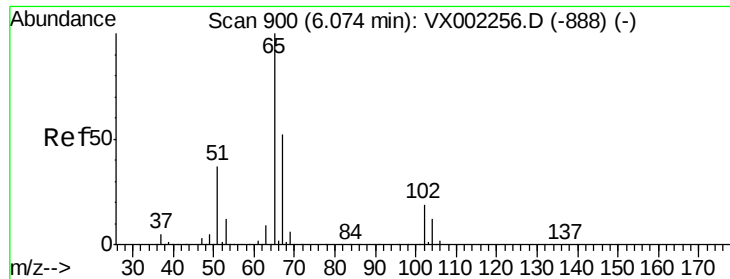


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.058 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampleId :

B-5ARR

Tot Ion: 65 Resp: 149425

Ion Ratio Lower Upper

65 100

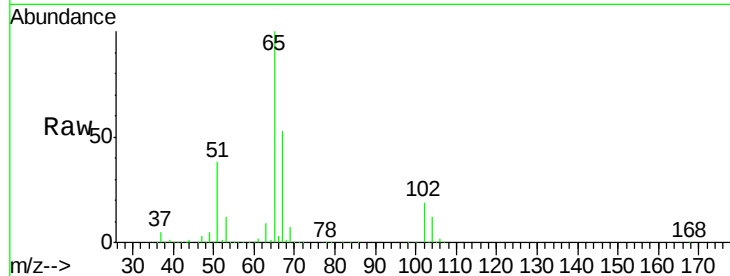
67 51.8 0.0 102.6

Manual Integrations

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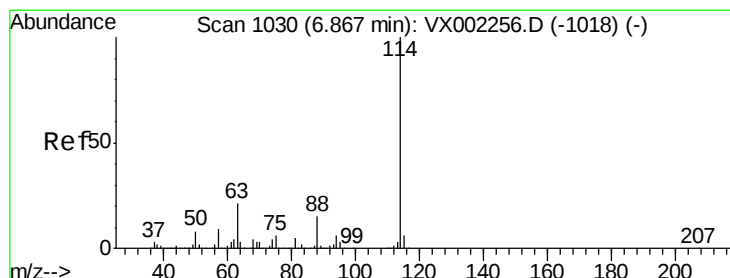
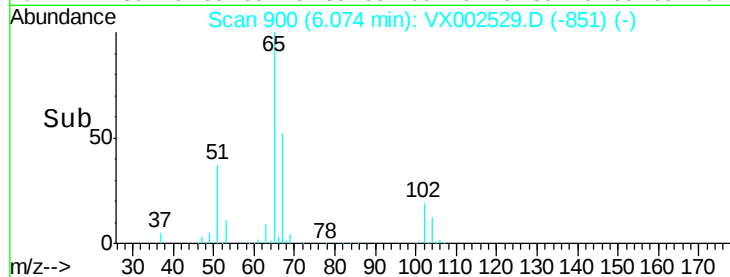
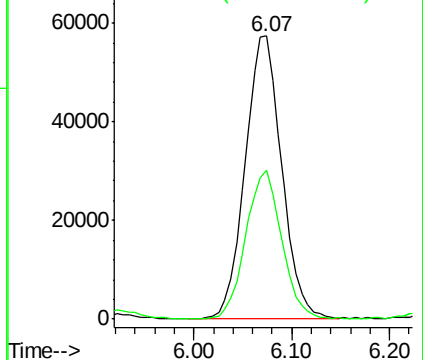
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

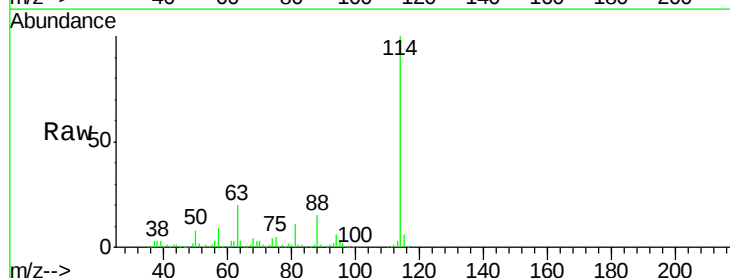
Tgt Ion: 114 Resp: 335722

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

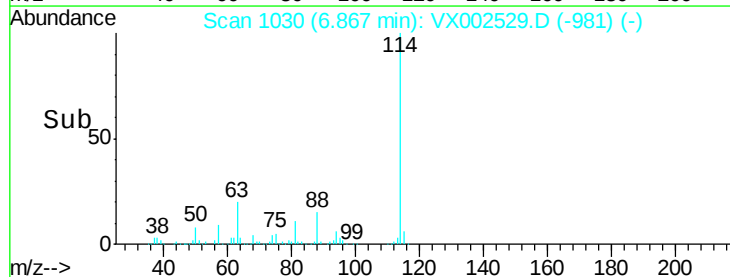
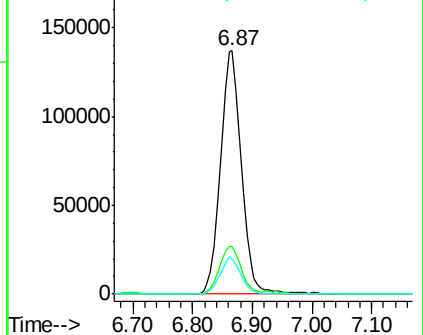
88 14.6 0.0 30.0

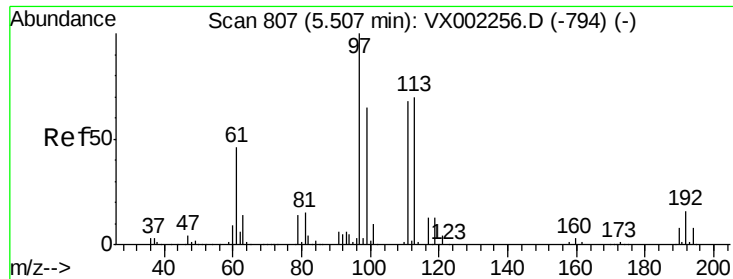


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





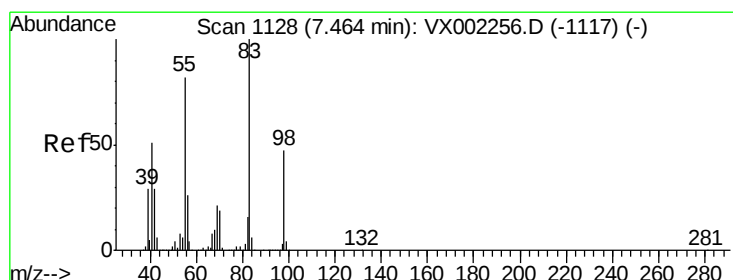
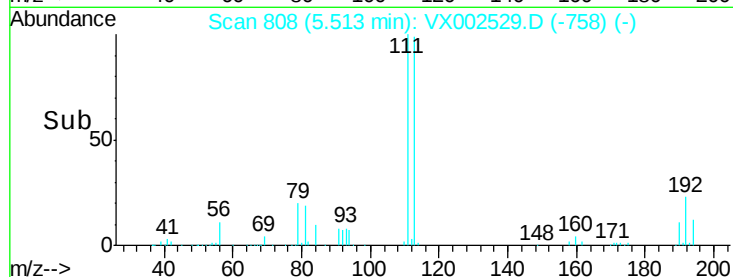
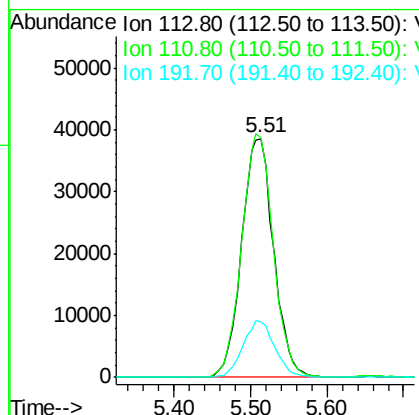
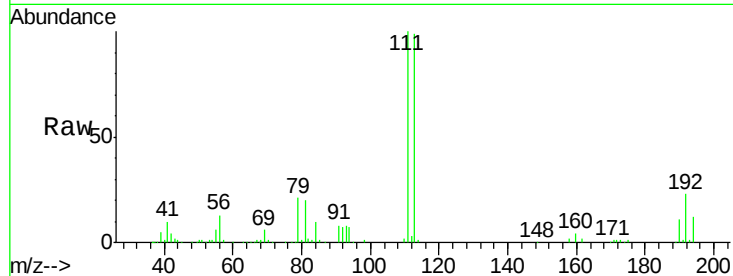
#35
 Dibromofluoromethane
 Concen: 42.436 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

Instrument :
 MSVOA_X
 ClientSampled :
 B-5ARR

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112036		
111	100.7	81.4	122.0	
192	23.6	19.1	28.7	

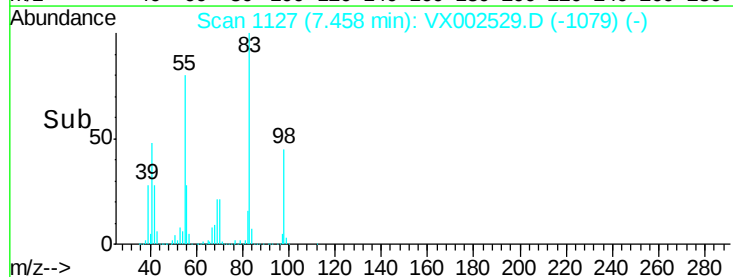
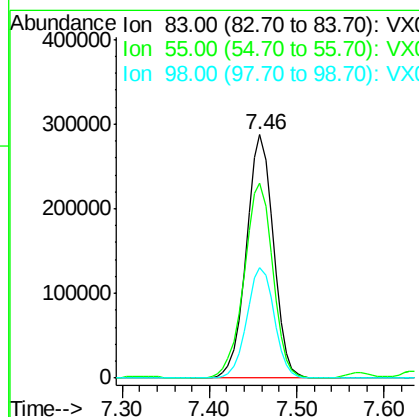
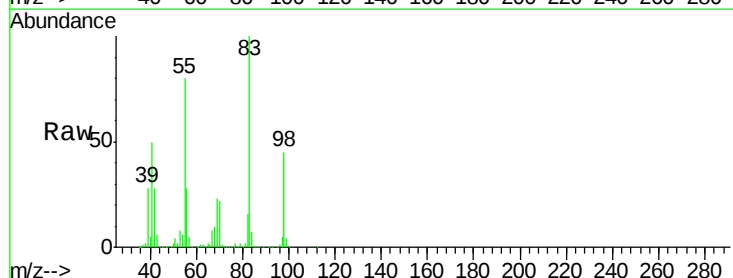
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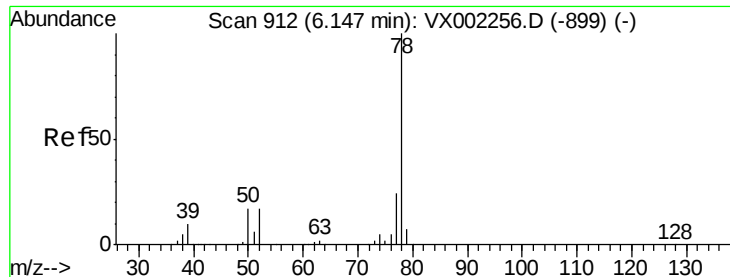
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#39
 Methylcyclohexane
 Concen: 140.704 ug/l
 RT: 7.46 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	615610		
55	80.2	65.4	98.0	
98	45.4	37.4	56.0	





#40

Benzene

Concen: 15.454 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampleId :

B-5ARR

Tot Ion: 78 Resp: 167236

Ion Ratio Lower Upper

78 100

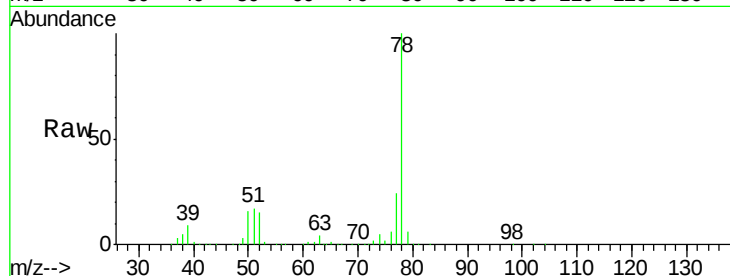
77 24.2 19.1 28.7

Manual Integrations

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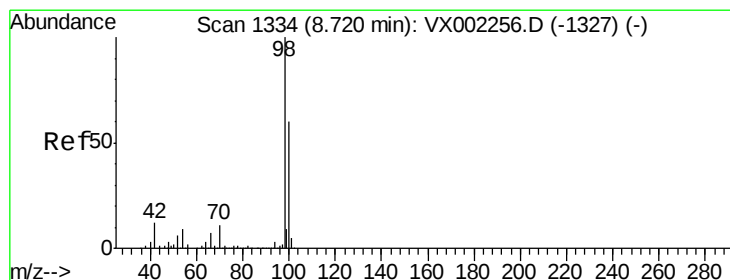
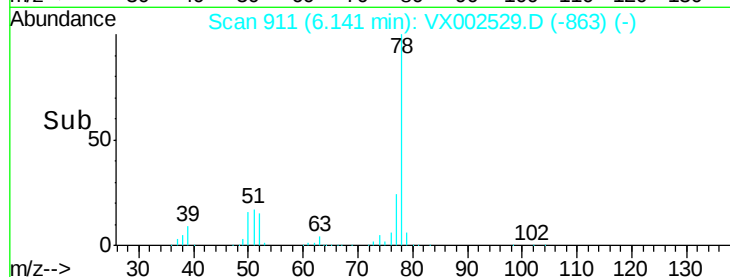
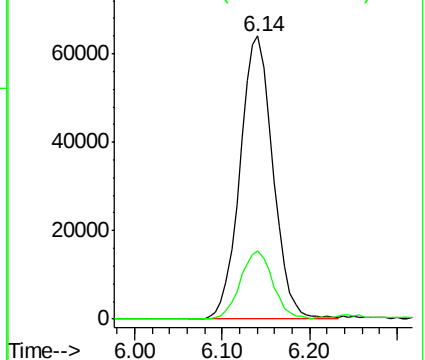
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 47.714 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002529.D

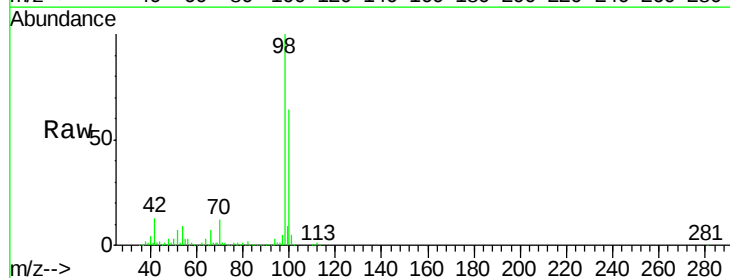
Acq: 14 Jun 2018 01:21

Tgt Ion: 98 Resp: 482839

Ion Ratio Lower Upper

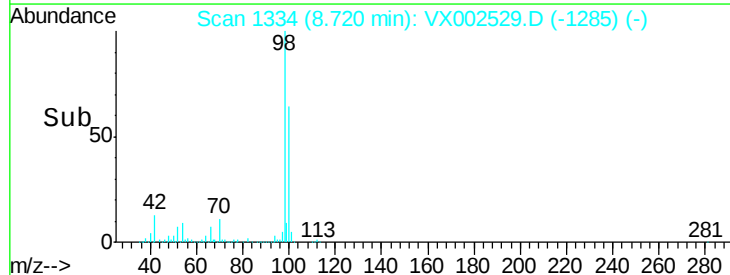
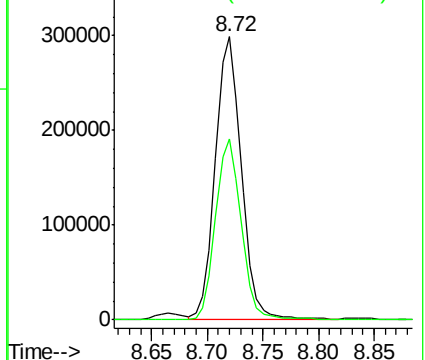
98 100

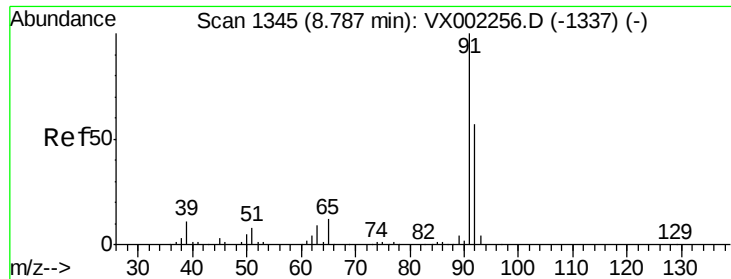
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 2.249 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampleId :

B-5ARR

Tot Ion: 92 Resp: 15479

Ion Ratio Lower Upper

92 100

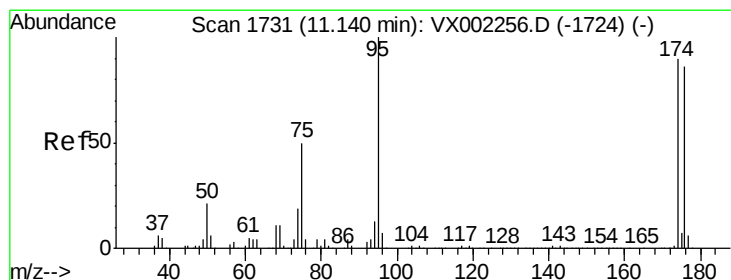
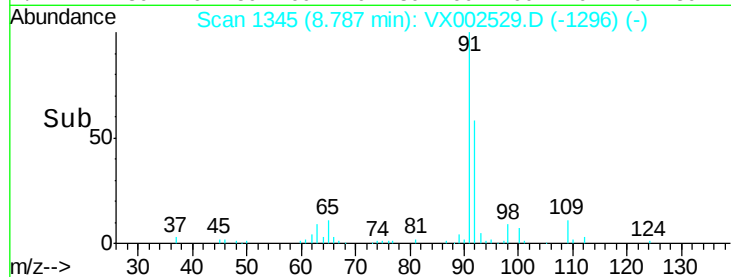
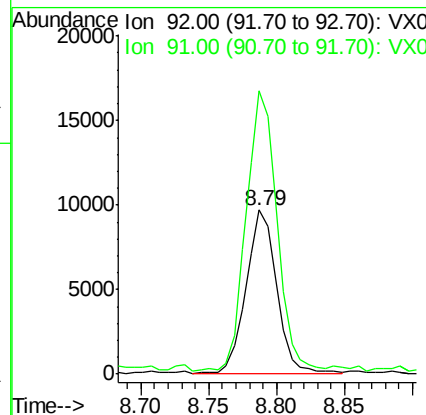
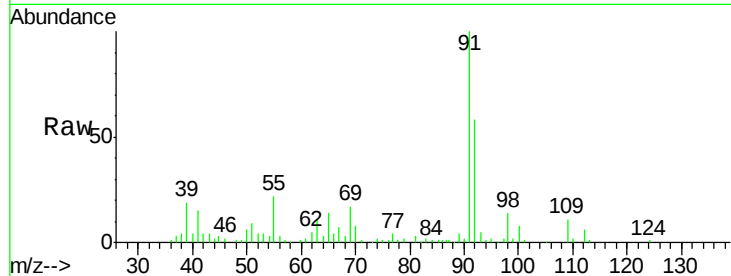
91 166.9 140.4 210.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.544 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

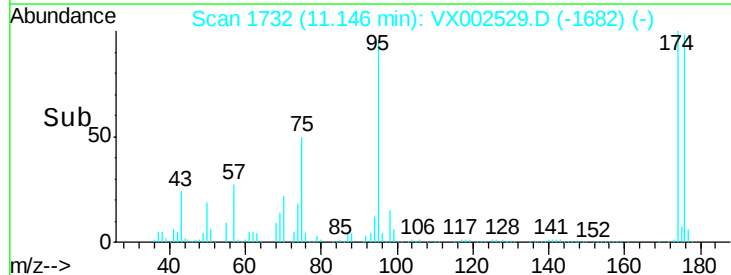
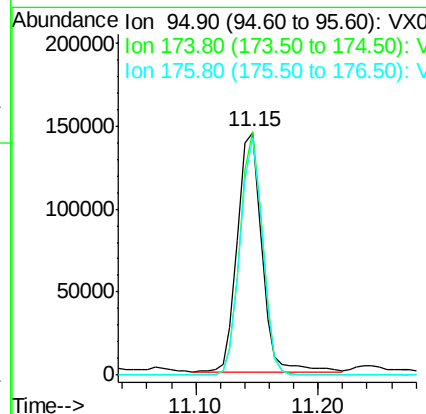
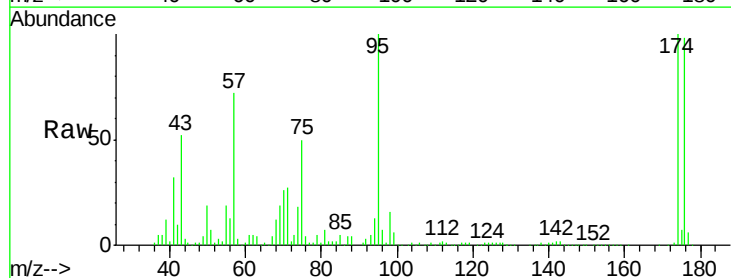
Tgt Ion: 95 Resp: 201136

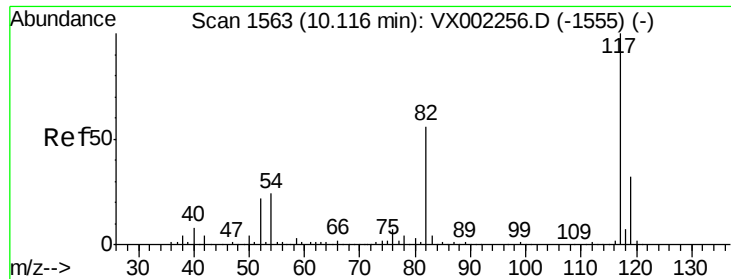
Ion Ratio Lower Upper

95 100

174 92.1 0.0 187.4

176 90.0 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

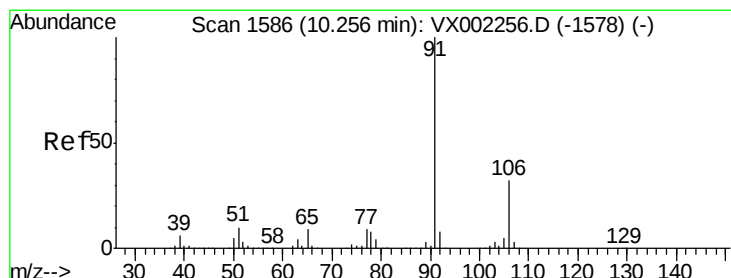
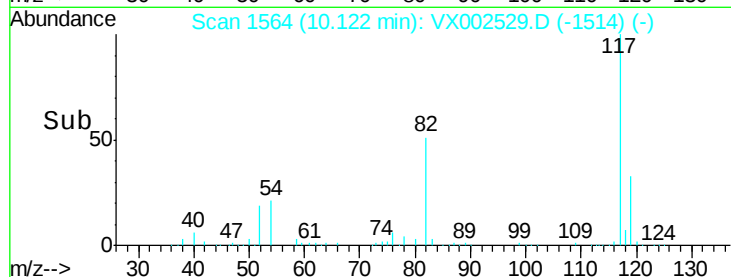
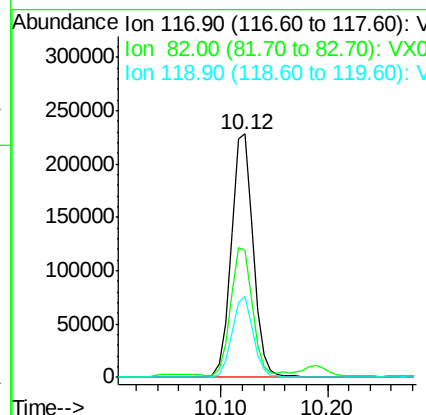
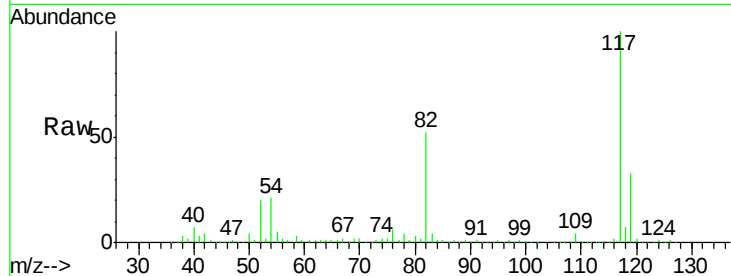
ClientSampled :

B-5ARR

Tot Ion:	117	Resp:	329926
Ion Ratio	Lower	Upper	
117	100		
82	51.6	45.0	67.4
119	33.3	25.8	38.6

Manual Integrations
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#67

Ethyl Benzene

Concen: 121.682 ug/l

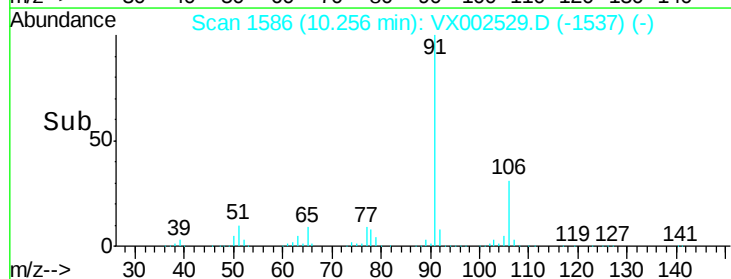
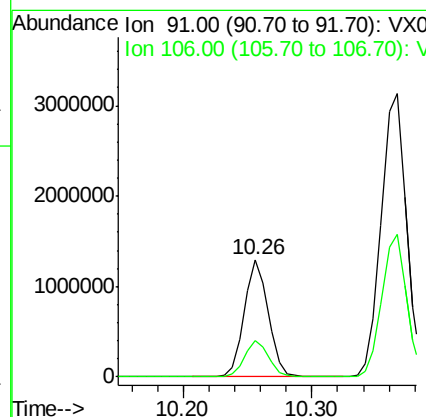
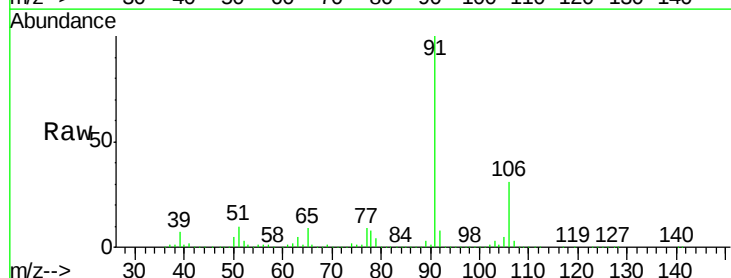
RT: 10.26 min Scan# 1586

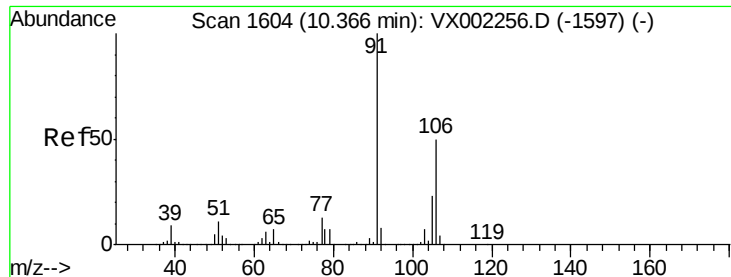
Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Tgt Ion:	91	Resp:	1671753
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.5	38.3





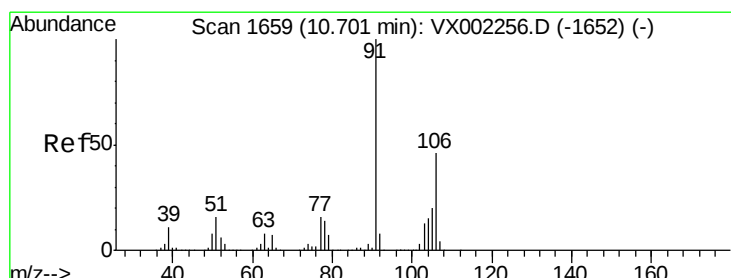
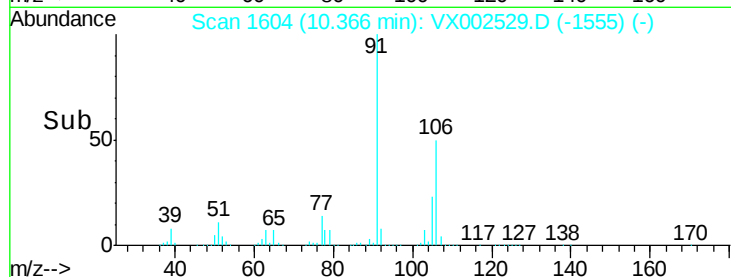
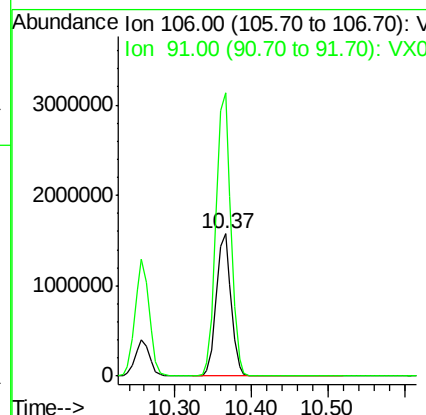
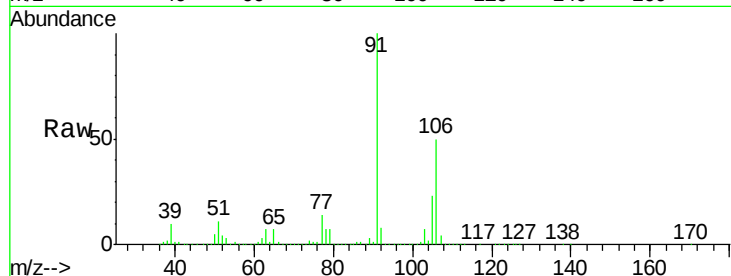
#68
m/p-Xylenes
Concen: 393.128 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Instrument :
MSVOA_X
ClientSampled :
B-5ARR

Tot Ion:106 Resp: 2099538
Ion Ratio Lower Upper
106 100
91 201.6 163.4 245.2

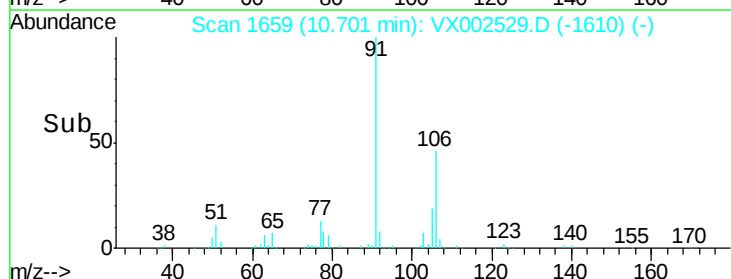
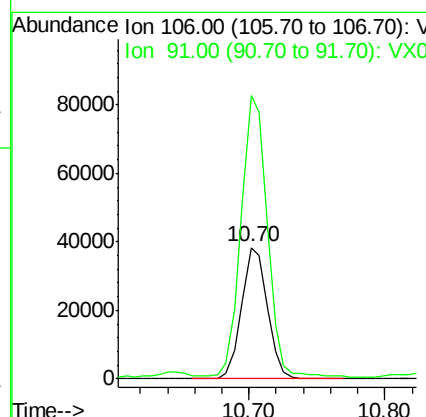
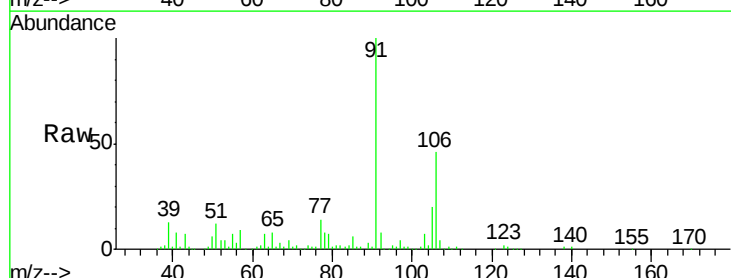
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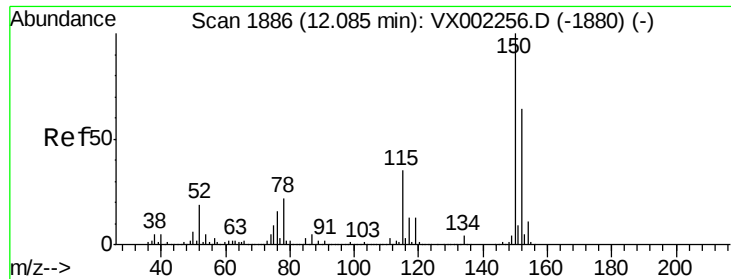
MMDadoda
6/14/2018 11:29:29 AM



#69
o-Xylene
Concen: 9.481 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion:106 Resp: 50391
Ion Ratio Lower Upper
106 100
91 220.4 108.2 324.6





#72

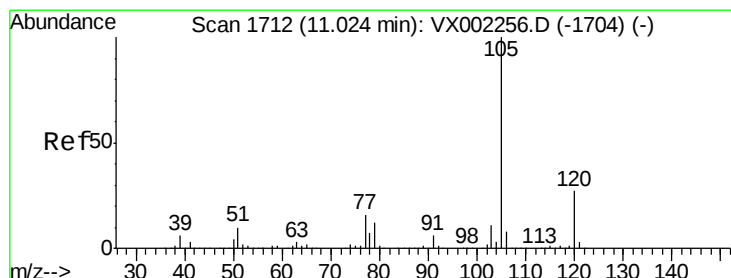
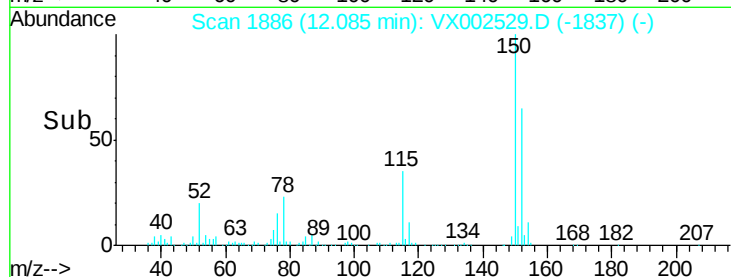
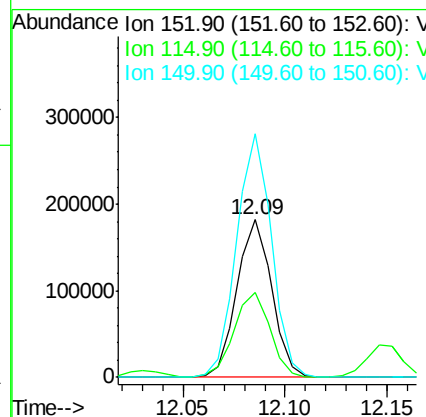
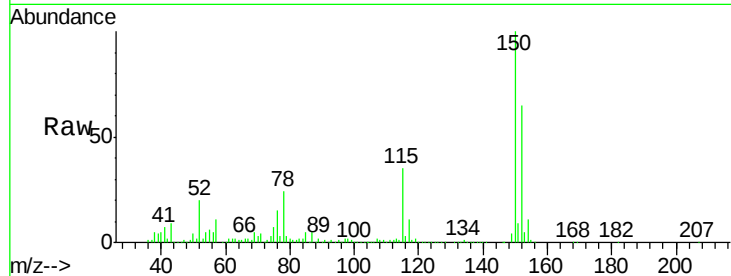
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :
B-5ARR

Tot Ion	Ratio	Resp	Lower	Upper
152	100	214191		
115	55.7	40.1	120.2	
150	155.1	0.0	347.2	

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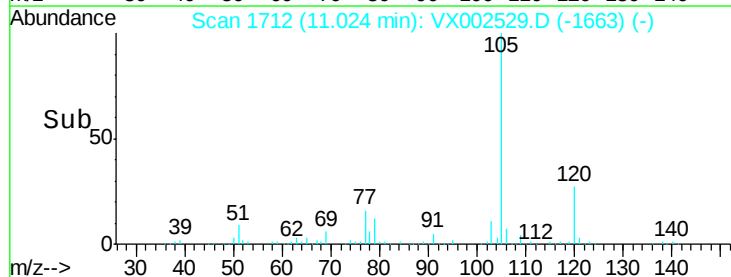
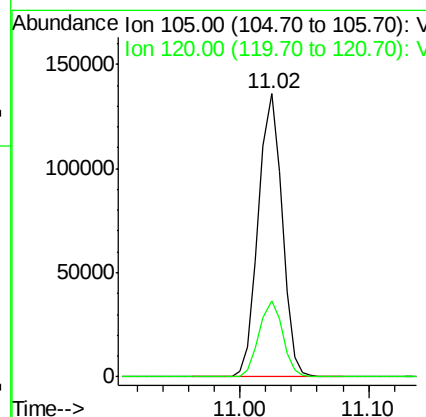
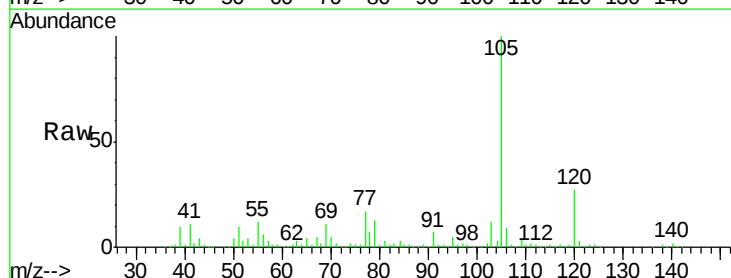
MMDadoda
6/14/2018 11:29:29 AM

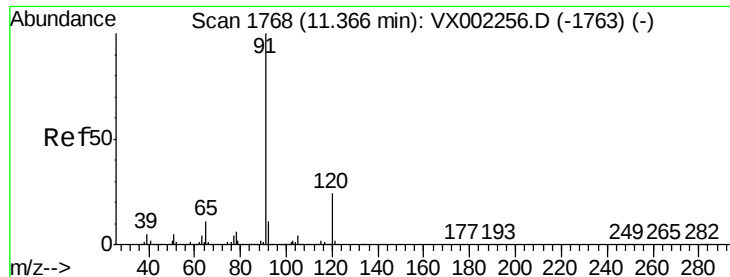


#73

Isopropylbenzene
Concen: 11.582 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	172574		
120	26.8	13.5	40.4	





#78

n-propylbenzene

Concen: 59.294 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampleId :

B-5ARR

Tot Ion: 91 Resp: 981986

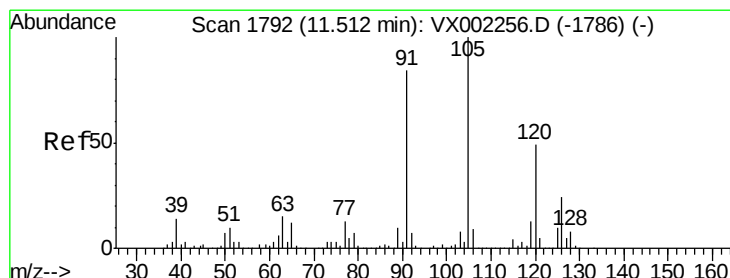
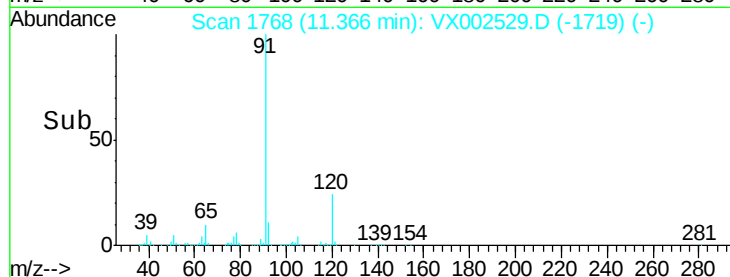
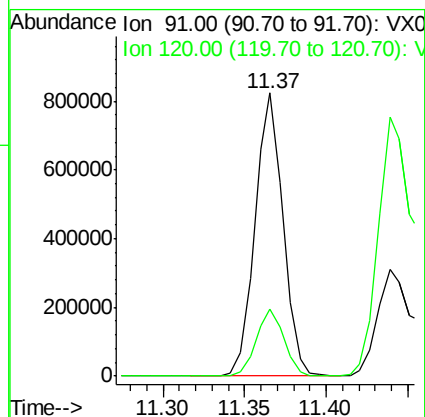
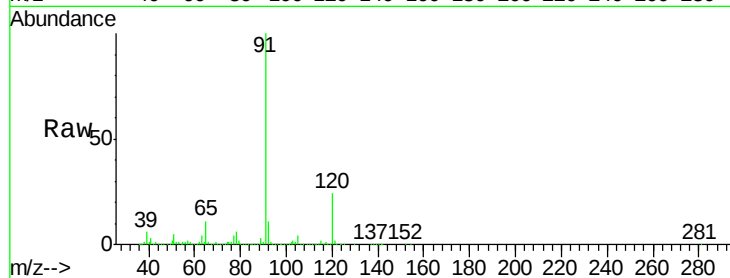
Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 112.529 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002529.D

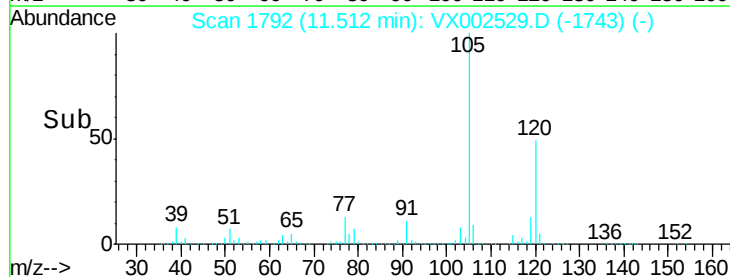
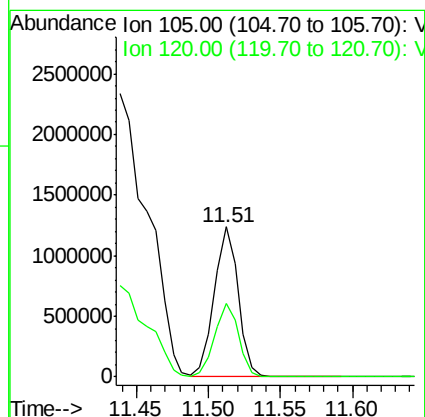
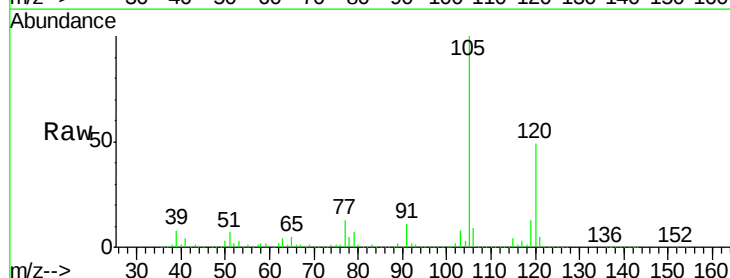
Acq: 14 Jun 2018 01:21

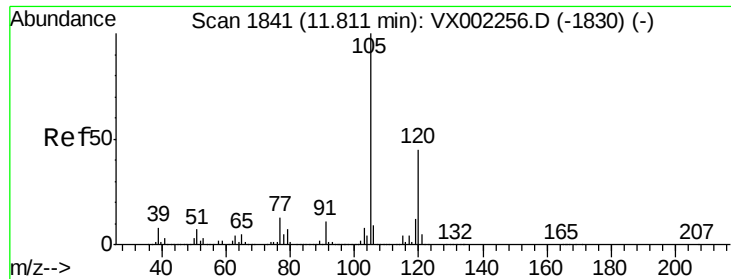
Tgt Ion: 105 Resp: 1438130

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 375.013 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampleId :

B-5ARR

Tot Ion:105 Resp: 4933572

Ion Ratio Lower Upper

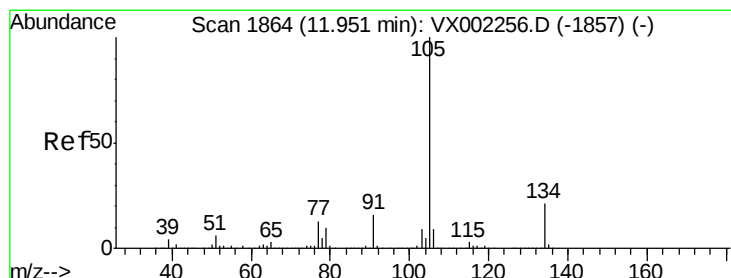
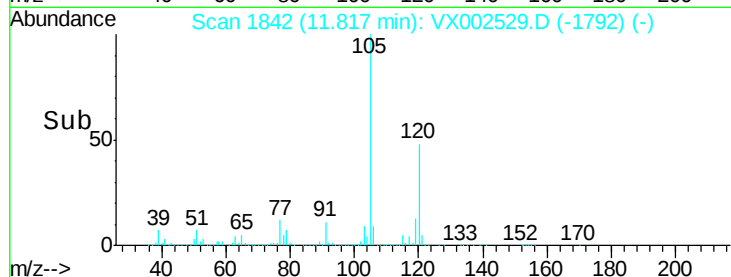
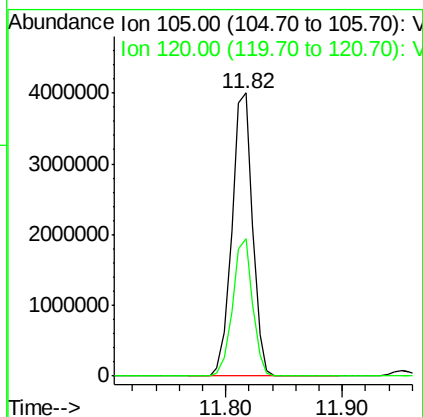
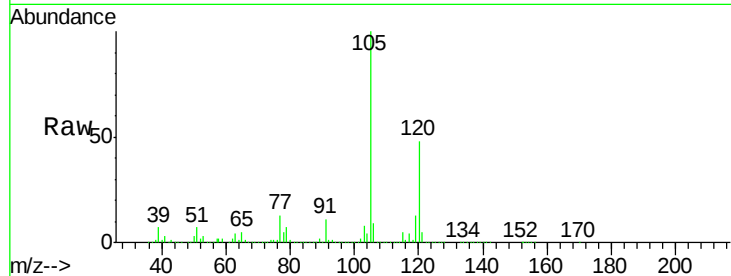
105 100

120 46.9 22.3 66.8

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#85

sec-Butylbenzene

Concen: 6.476 ug/l m

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002529.D

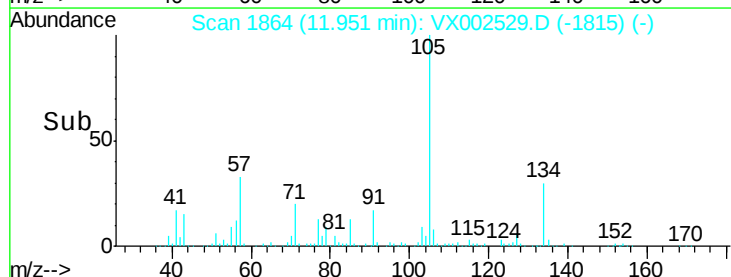
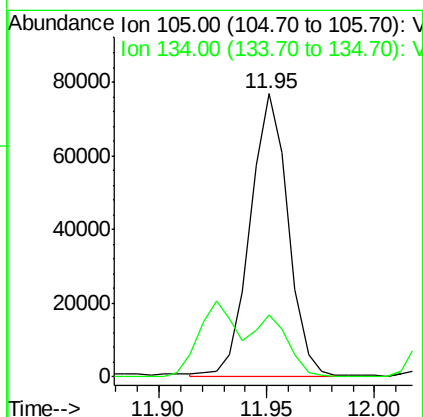
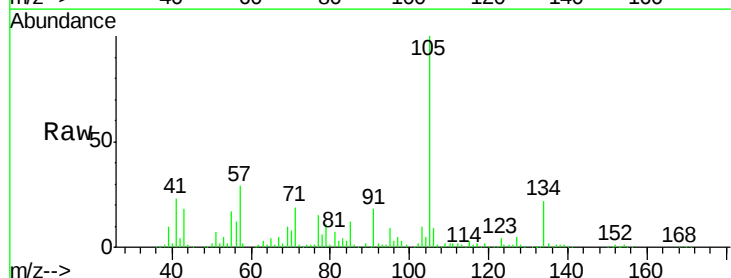
Acq: 14 Jun 2018 01:21

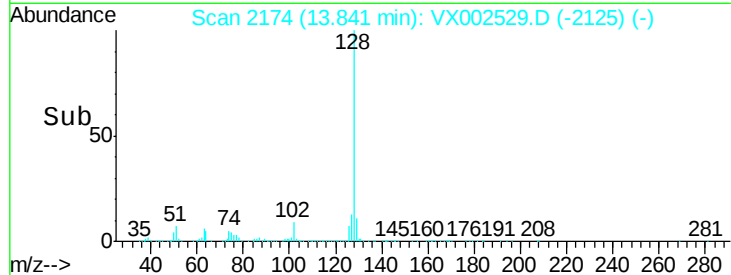
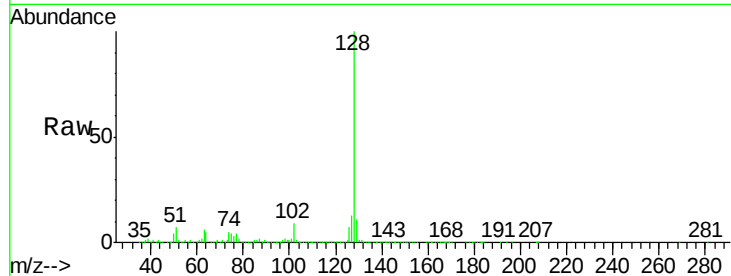
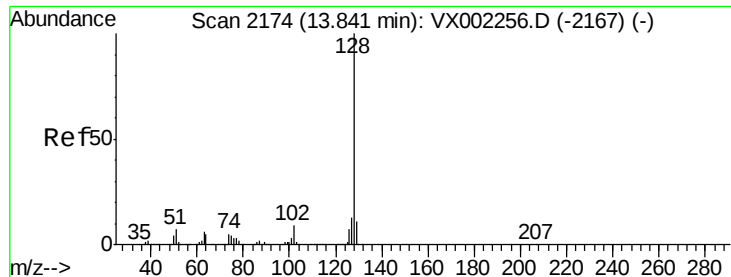
Tgt Ion:105 Resp: 94478

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





#95
Naphthalene
Concen: 70.524 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tot Ion:	128	Resp:	1099509
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.7	8.6	13.0

Instrument :
MSVOA_X
ClientSampleId :
B-5ARR

Manual Integrations
APPROVED

MMDadoda
6/14/2018 11:29:29 AM

