

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002531.D
 Acq On : 14 Jun 2018 02:15
 Operator : JC/MD
 Sample : J3383-15
 Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-42R(I-2DR)R

Manual Integrations
 APPROVED

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 6/14/2018 11:29:30 AM

Quant Time: Jun 14 04:34:35 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	266442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168332	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
35) Dibromofluoromethane	5.51	113	125304	41.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.20%	
50) Toluene-d8	8.72	98	595838	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.15	95	268889	60.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.80%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	1696103	352.558	ug/l #	91
39) Methylcyclohexane	7.46	83	3245034	649.197	ug/l	98
40) Benzene	6.14	78	67581	5.474	ug/l	98
52) Toluene	8.79	92	23473	2.989	ug/l	99
67) Ethyl Benzene	10.26	91	6639441	409.892	ug/l	99
68) m/p-Xylenes	10.37	106	888217	141.063	ug/l	99
69) o-Xylene	10.71	106	16445	2.624	ug/l	85
73) Isopropylbenzene	11.02	105	751028	44.596	ug/l	100
78) n-propylbenzene	11.37	91	4125054	220.378	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	987584	68.370	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	3831661	257.692	ug/l	97
85) sec-Butylbenzene	11.95	105	330667	20.053	ug/l #	56
86) p-Isopropyltoluene	12.07	119	140000	9.321	ug/l	95
89) n-Butylbenzene	12.40	91	998037m	79.227	ug/l	
95) Naphthalene	13.84	128	3269344	185.537	ug/l	98

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

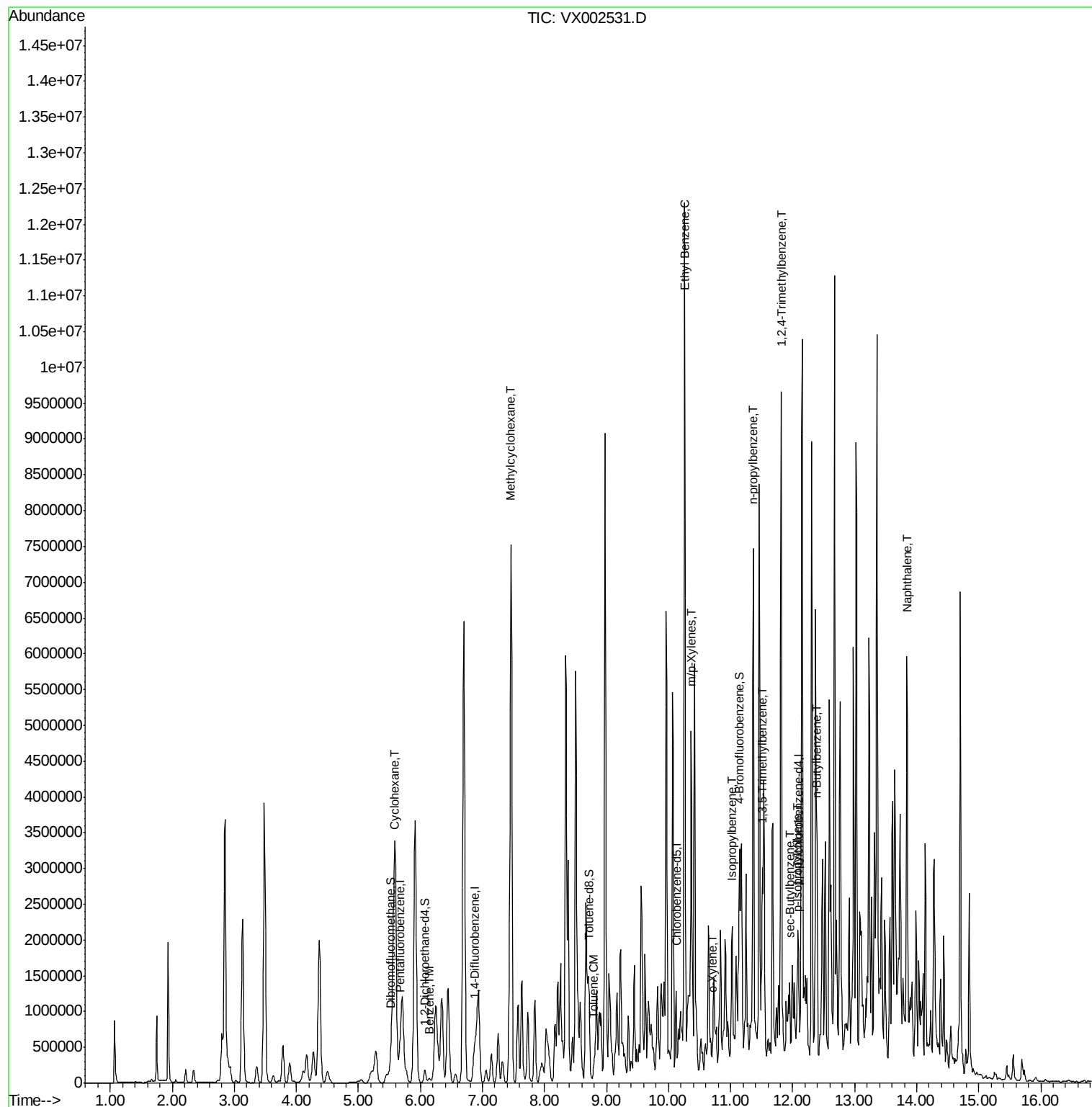
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002531.D
Acq On : 14 Jun 2018 02:15
Operator : JC/MD
Sample : J3383-15
Misc : 5.71q/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 34 Sample Multiplier: 1

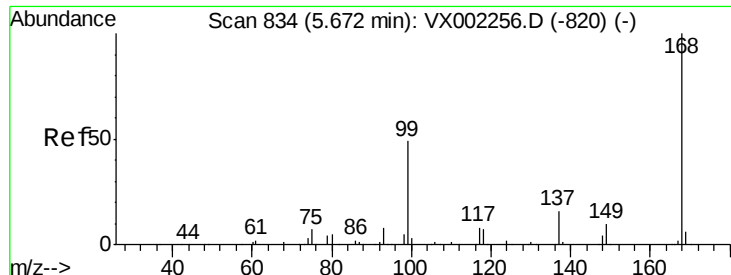
Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2DR)R

Manual Integrations
APPROVED

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6/14/2018 11:29:30 AM

Quant Time: Jun 14 04:34:35 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

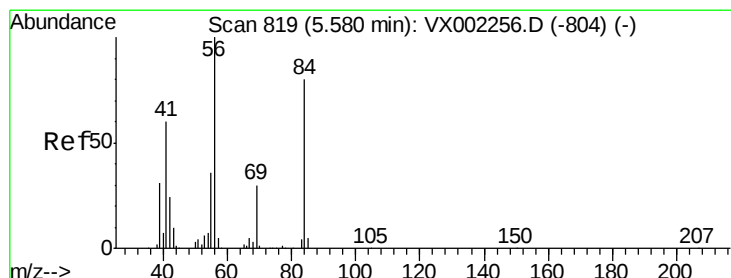
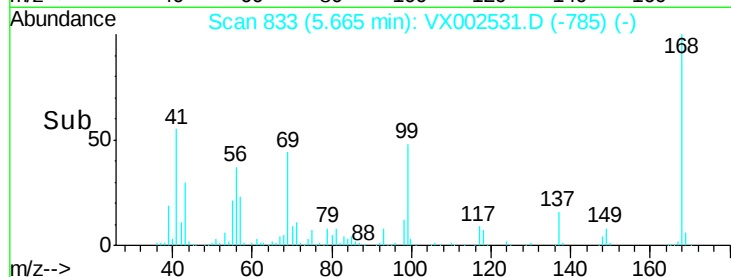
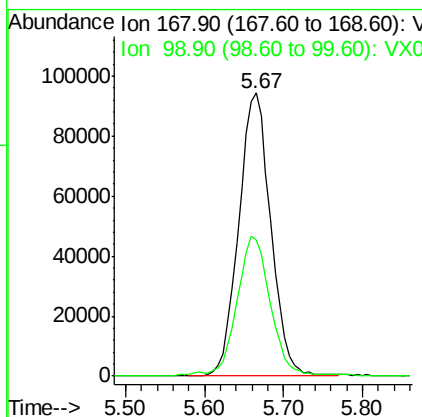
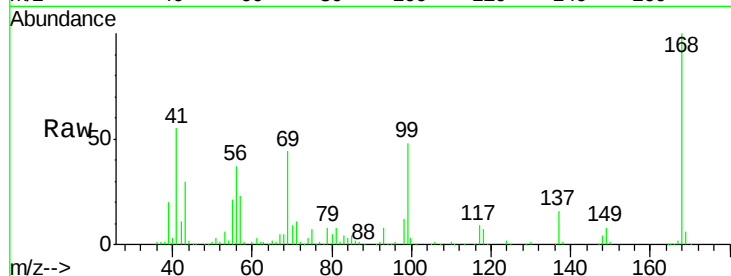
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: VX002531.D
 Acq: 14 Jun 2018 02:15

Instrument :
 MSVOA_X
 ClientSampleId :
 B-42R(I-2DR)R

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.2	39.3	58.9

Manual Integrations
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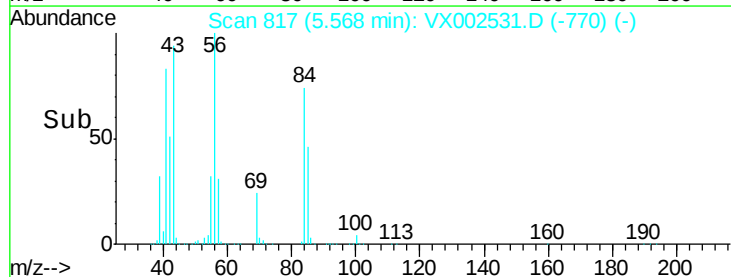
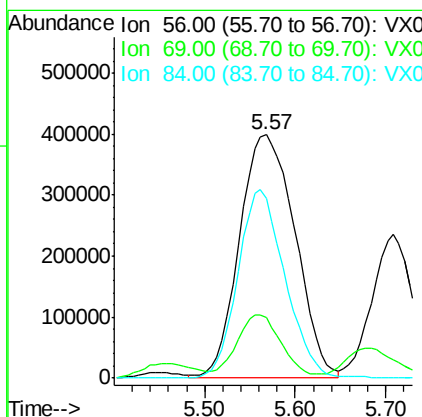
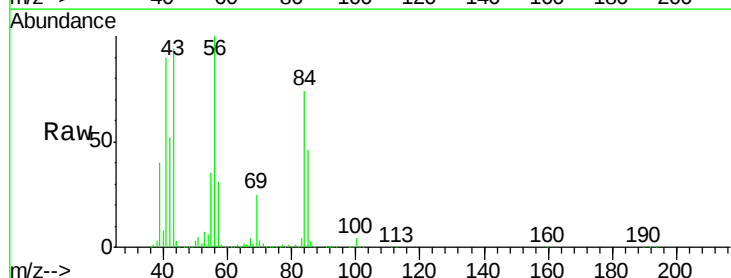
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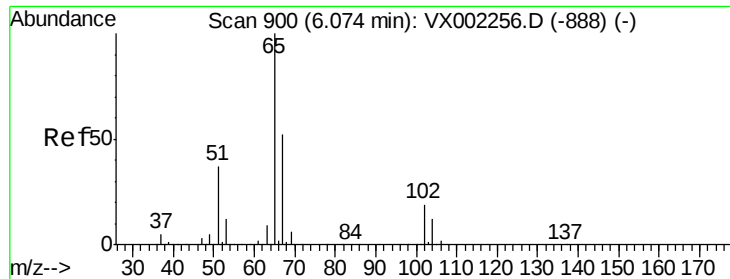


#31

Cyclohexane
 Concen: 352.558 ug/l
 RT: 5.57 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: VX002531.D
 Acq: 14 Jun 2018 02:15

Tgt Ion	Ratio	Lower	Upper
56	100		
69	20.7	23.7	35.5#
84	74.1	64.1	96.1





#33

1,2-Dichloroethane-d4

Concen: 43.748 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002531.D

Acq: 14 Jun 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

B-42R(I-2DR)R

Tot Ion: 65 Resp: 168332

Ion Ratio Lower Upper

65 100

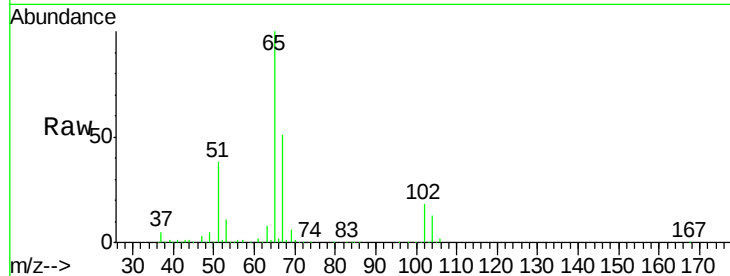
67 52.0 0.0 102.6

Manual Integrations

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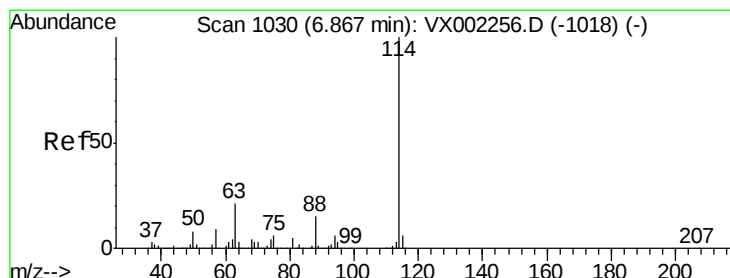
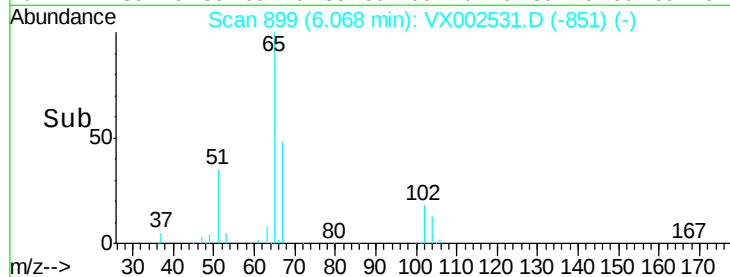
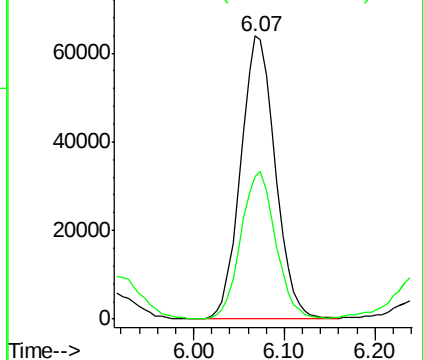
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX002531.D

Acq: 14 Jun 2018 02:15

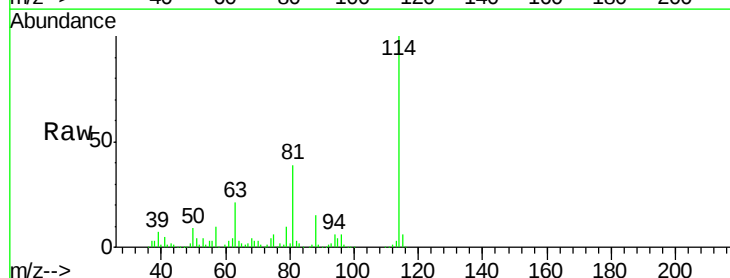
Tgt Ion: 114 Resp: 382990

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

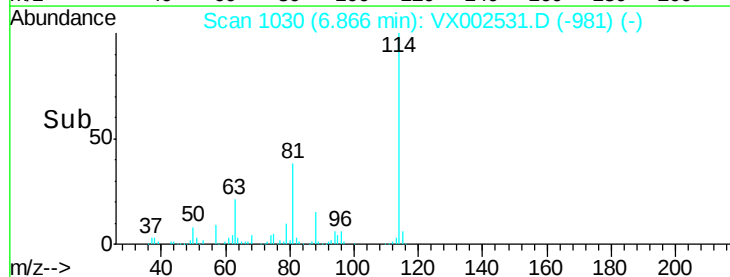
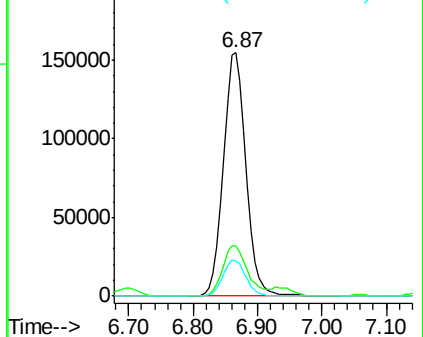
88 14.5 0.0 30.0

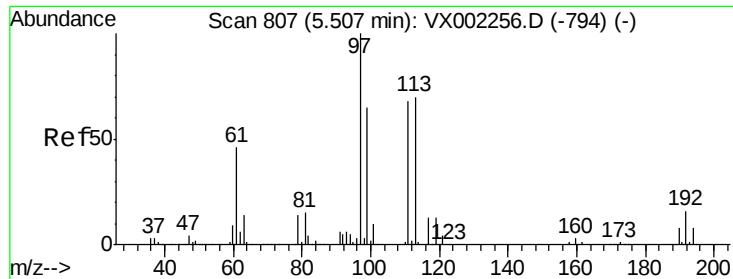


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





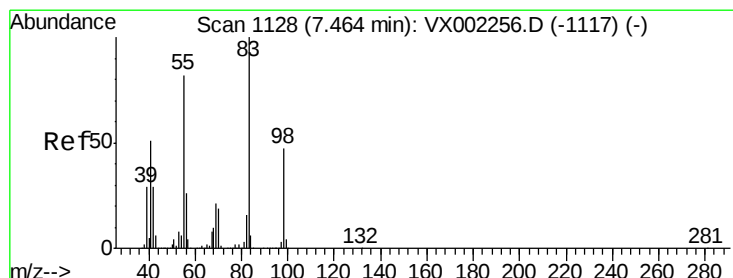
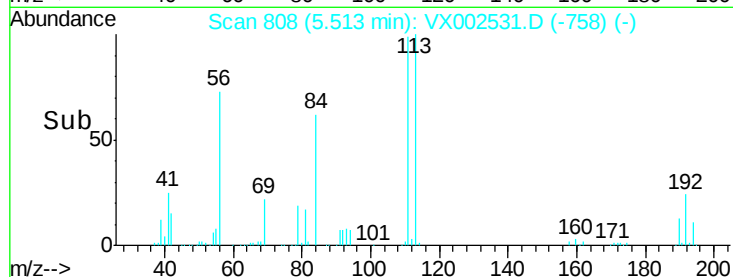
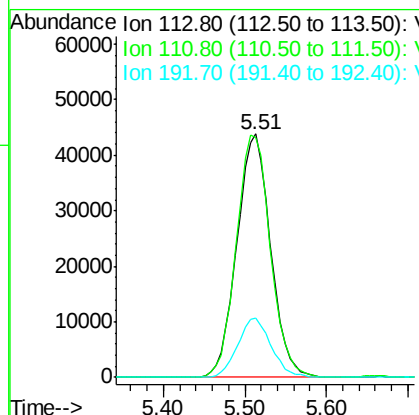
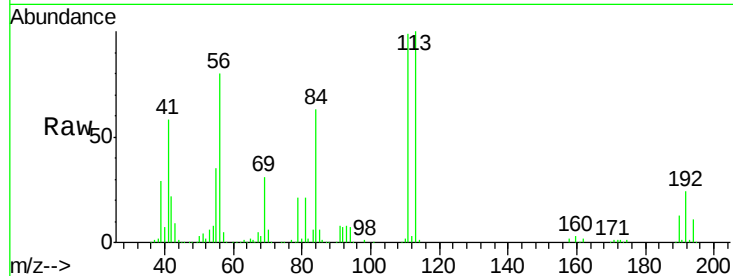
#35
Dibromofluoromethane
Concen: 41.603 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2DR)R

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125304		
111	100.8	81.4	122.0	
192	24.2	19.1	28.7	

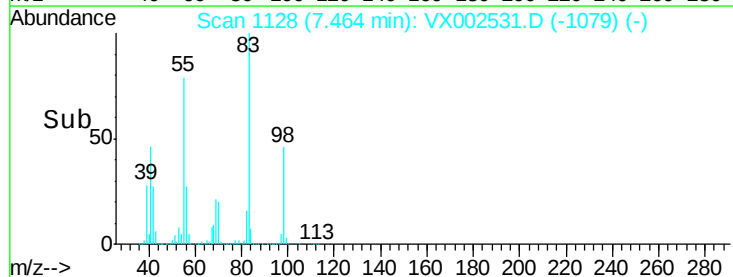
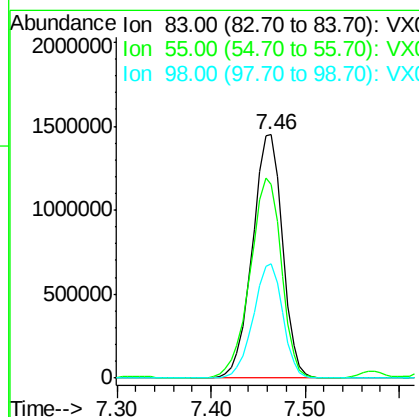
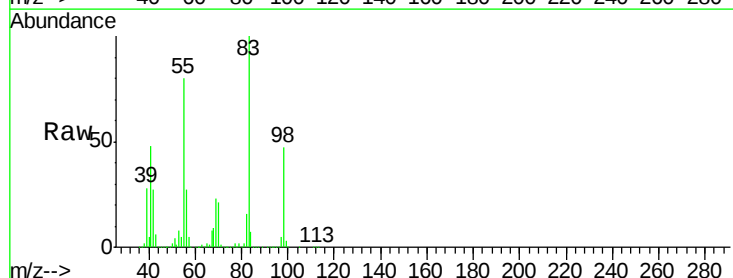
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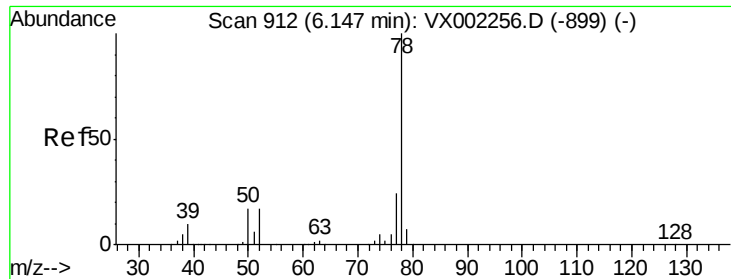
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#39
Methylcyclohexane
Concen: 649.197 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	3245034		
55	79.5	65.4	98.0	
98	46.8	37.4	56.0	





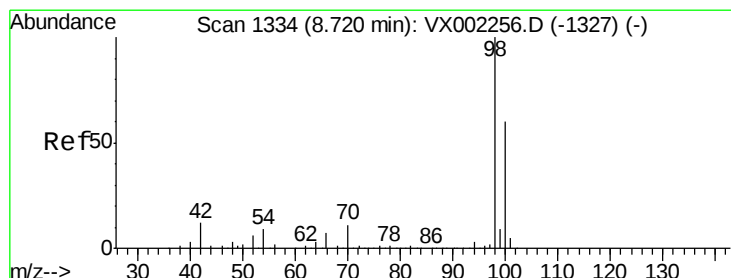
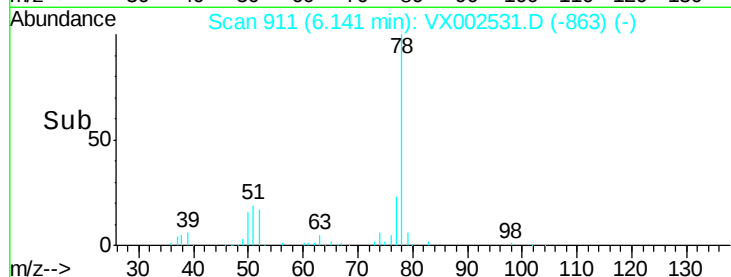
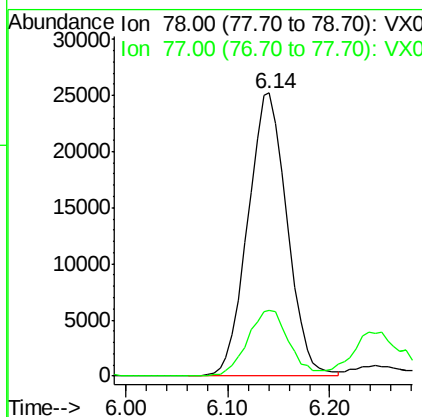
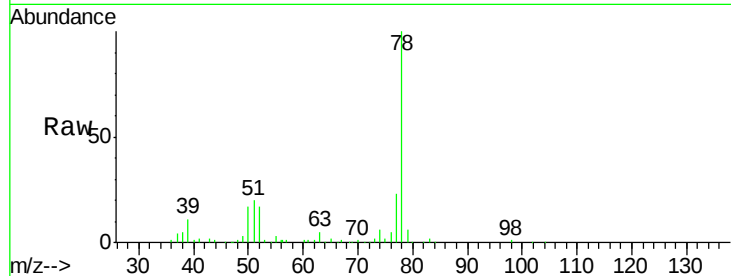
#40
Benzene
Concen: 5.474 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2DR)R

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7

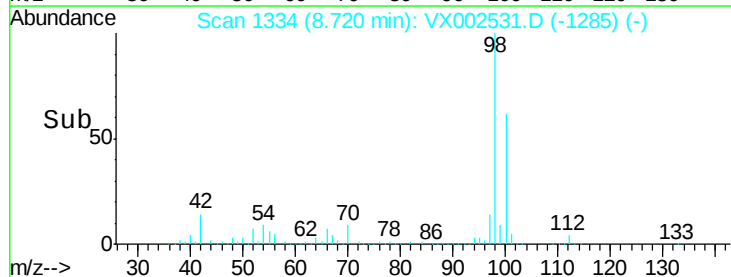
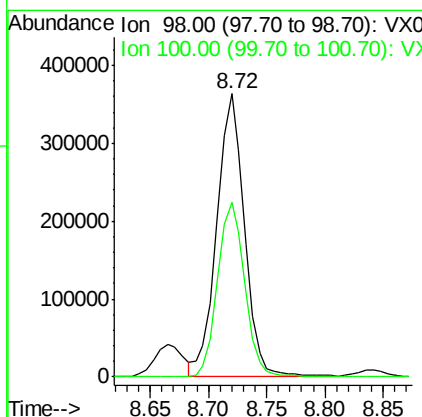
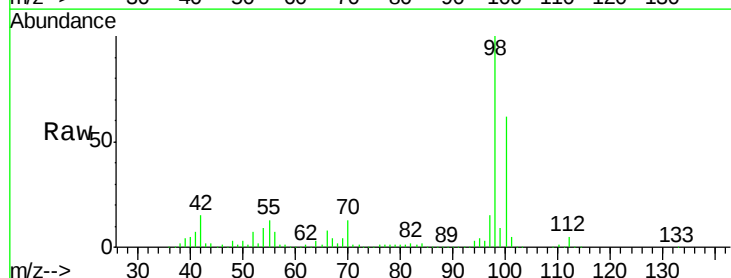
Manual Integrations
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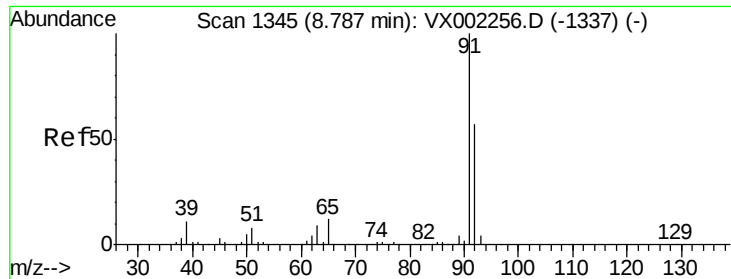
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#50
Toluene-d8
Concen: 51.613 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	60.9	50.9	76.3





#52

Toluene

Concen: 2.989 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002531.D

Acq: 14 Jun 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

B-42R(I-2DR)R

Tot Ion: 92 Resp: 23473

Ion Ratio Lower Upper

92 100

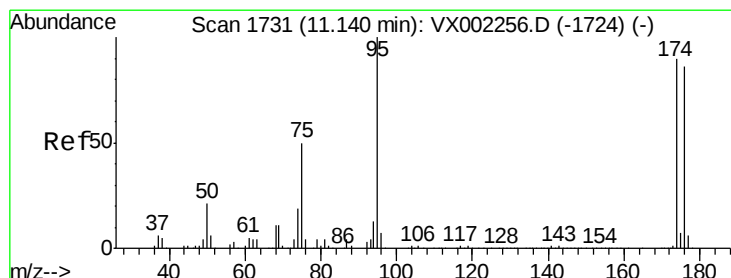
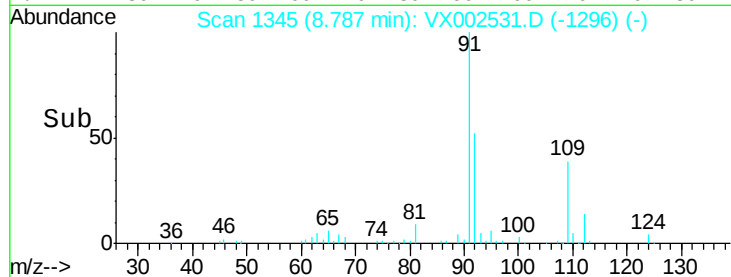
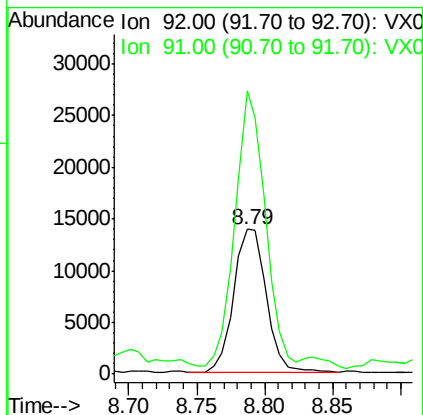
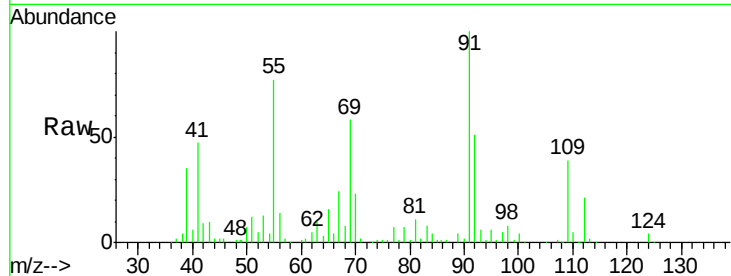
91 173.9 140.4 210.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 60.402 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002531.D

Acq: 14 Jun 2018 02:15

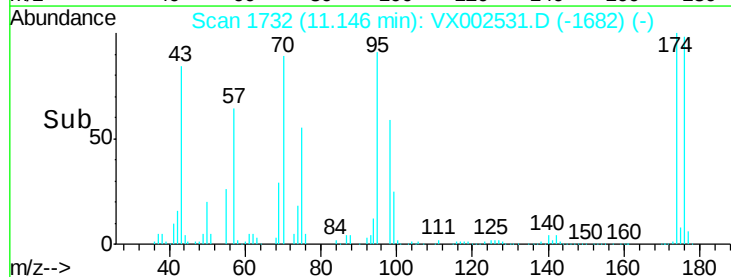
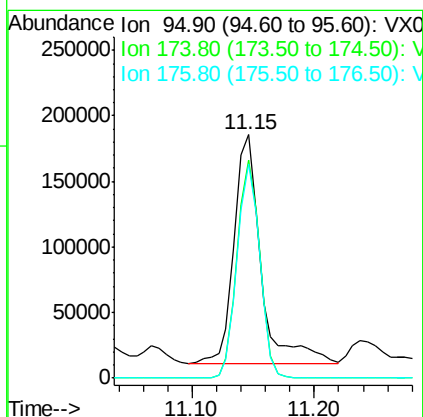
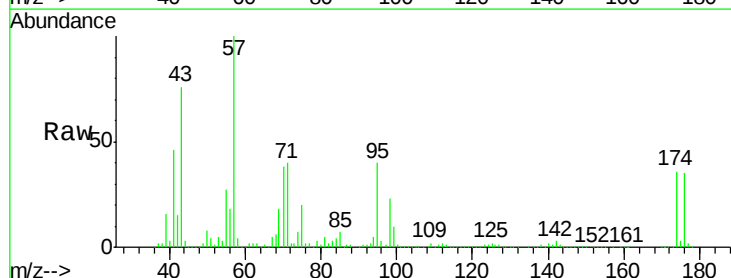
Tgt Ion: 95 Resp: 268889

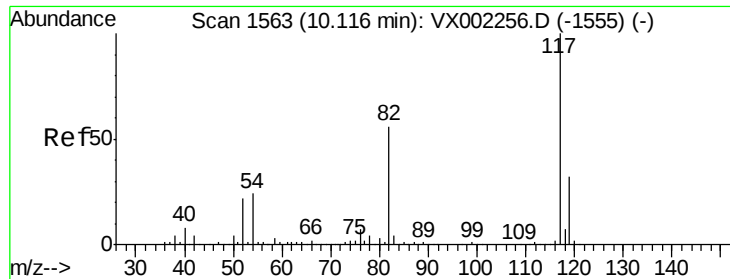
Ion Ratio Lower Upper

95 100

174 79.4 0.0 187.4

176 77.6 0.0 181.0





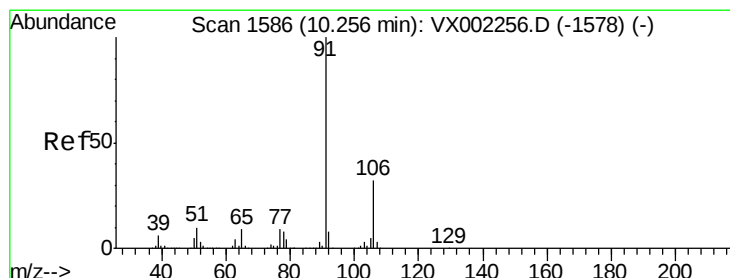
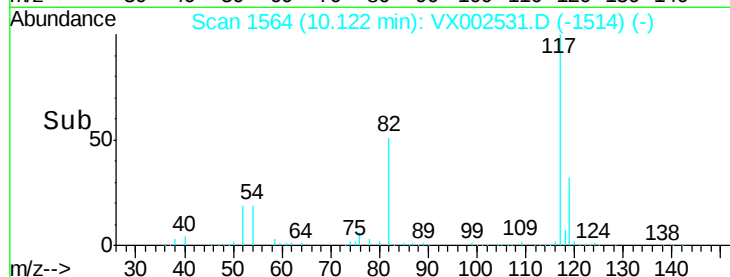
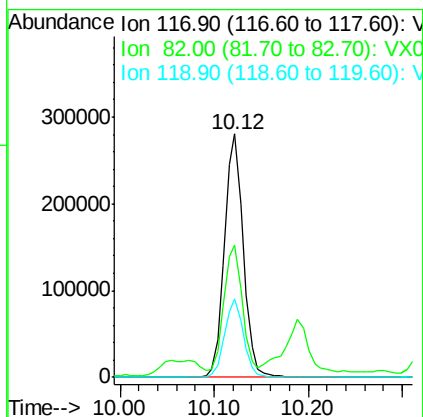
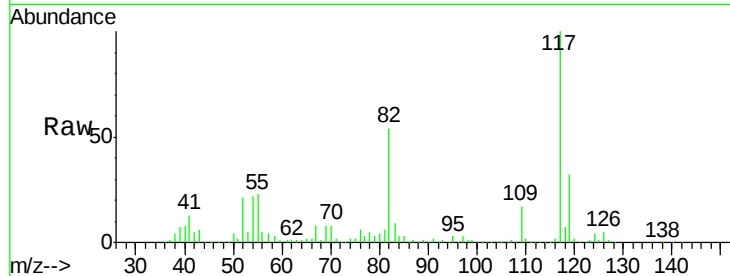
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2DR)R

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	45.0	67.4
119	32.0	25.8	38.6

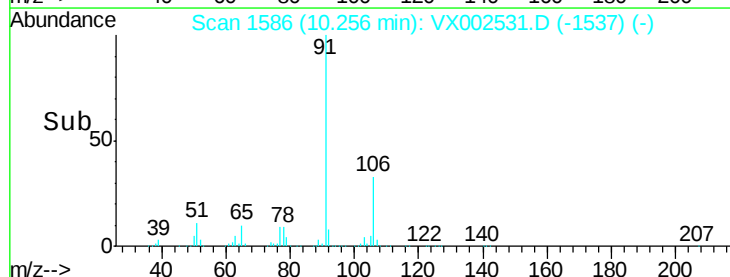
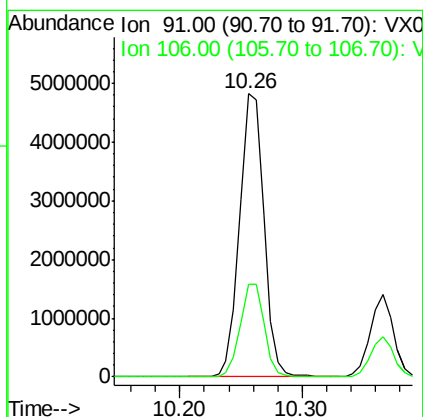
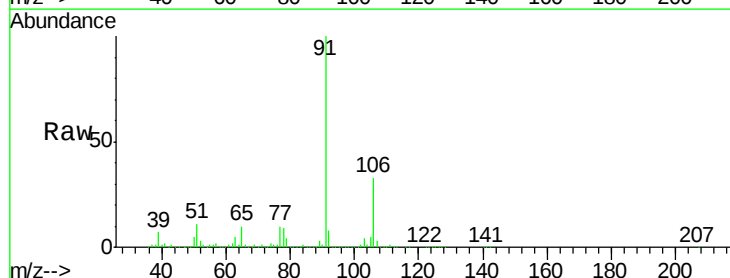
Manual Integrations
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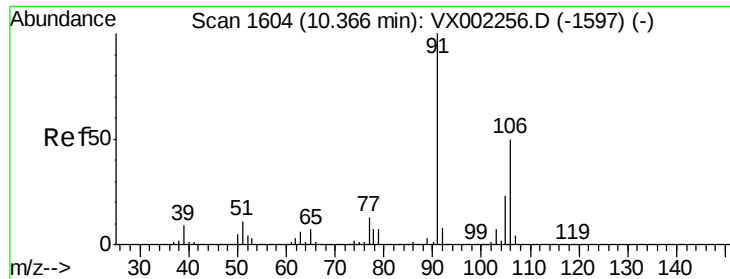
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#67
Ethyl Benzene
Concen: 409.892 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.5	38.3





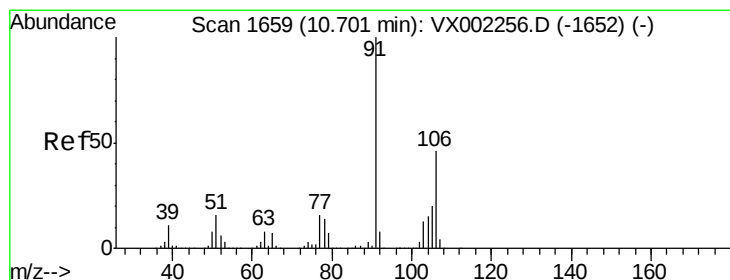
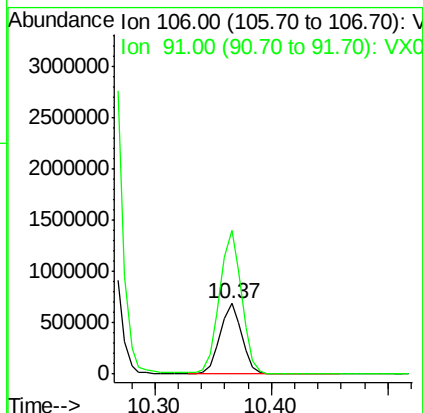
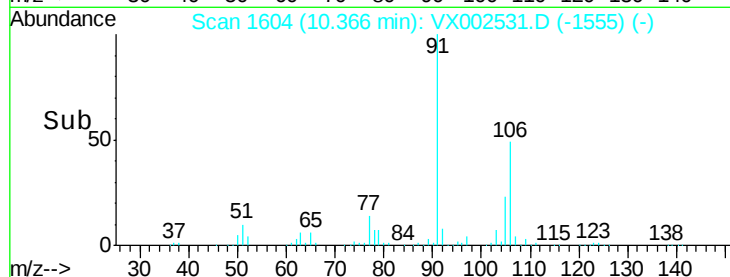
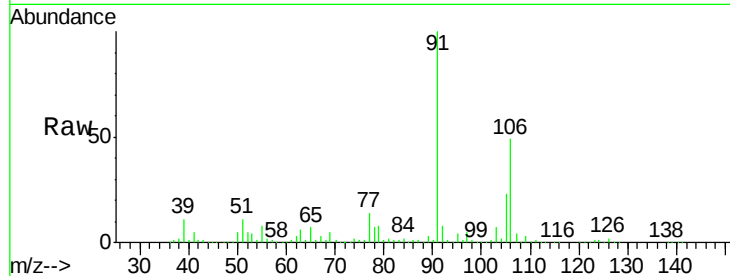
#68
m/p-Xvlenes
Concen: 141.063 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2DR)R

Tot Ion:106 Resp: 888217
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2

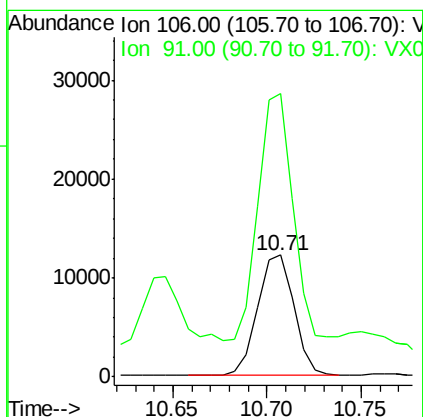
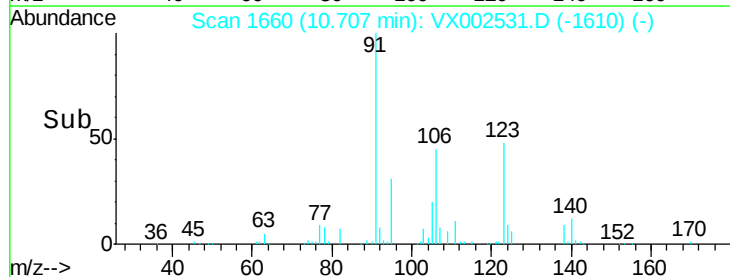
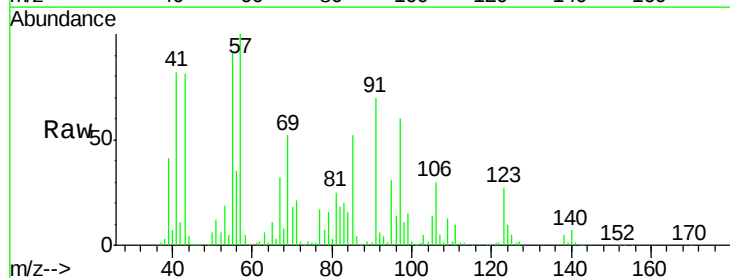
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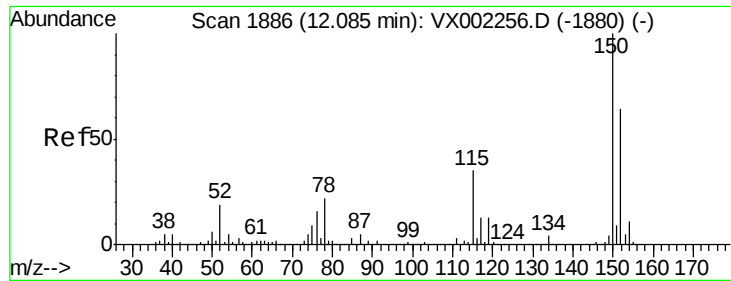
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#69
o-Xylene
Concen: 2.624 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Tgt Ion:106 Resp: 16445
Ion Ratio Lower Upper
106 100
91 191.8 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002531.D

Acq: 14 Jun 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

B-42R(I-2DR)R

Tot Ion:152 Resp: 242087

Ion Ratio Lower Upper

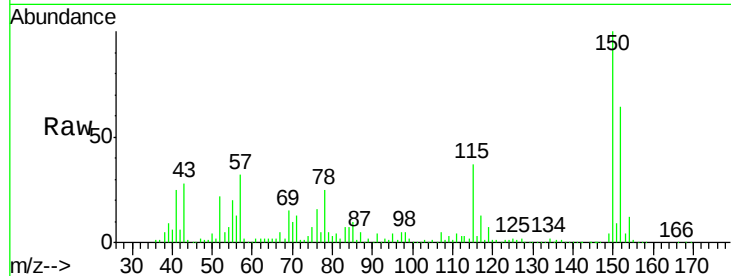
152 100

115 60.2 40.1 120.2

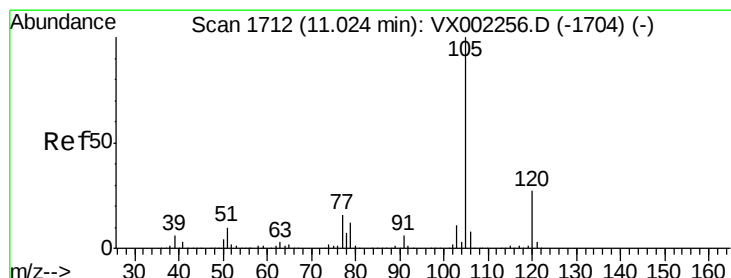
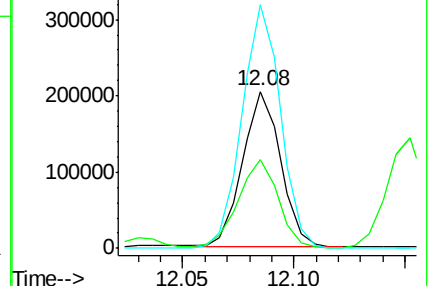
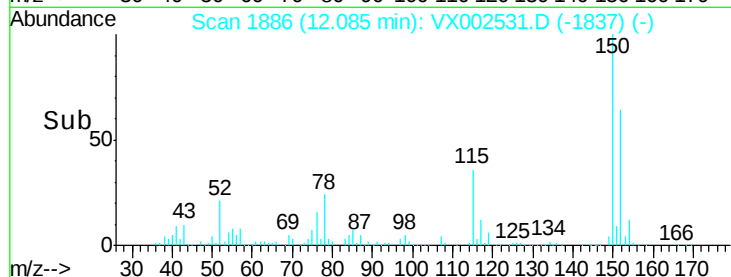
150 159.6 0.0 347.2

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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: 44.596 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002531.D

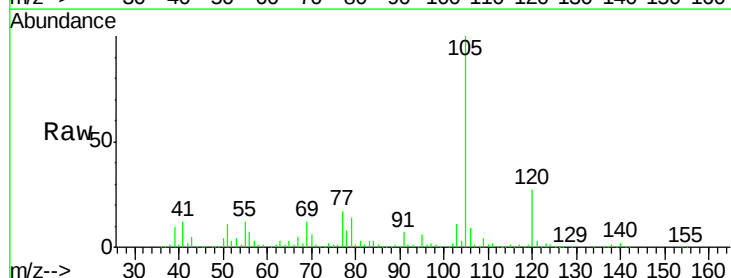
Acq: 14 Jun 2018 02:15

Tgt Ion:105 Resp: 751028

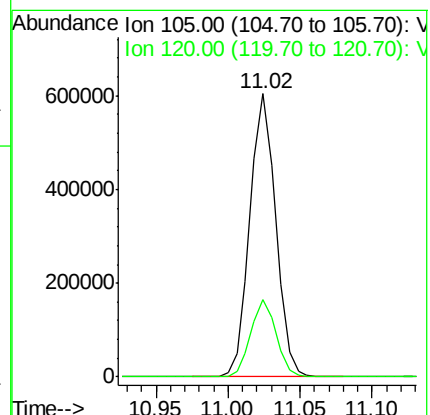
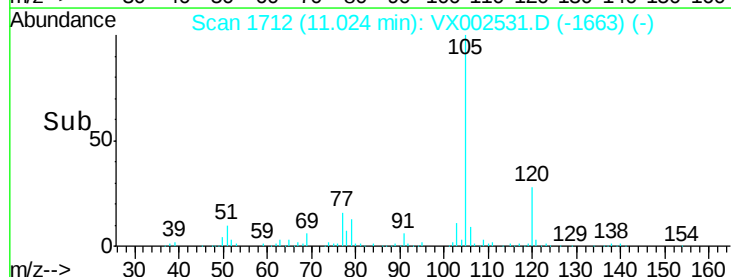
Ion Ratio Lower Upper

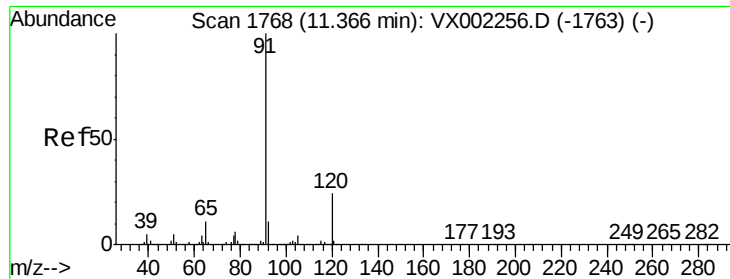
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 220.378 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002531.D

Acq: 14 Jun 2018 02:15

Instrument :

MSVOA_X

ClientSampleId :

B-42R(I-2DR)R

Tot Ion: 91 Resp: 4125054

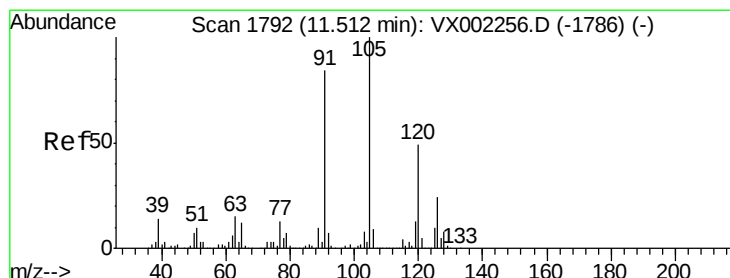
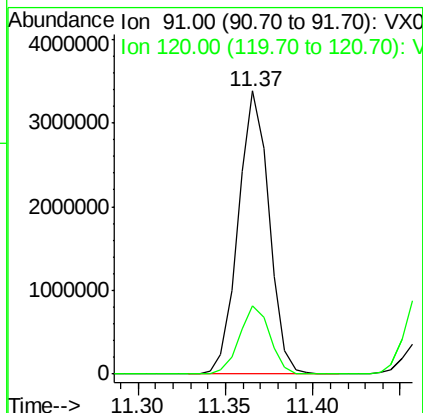
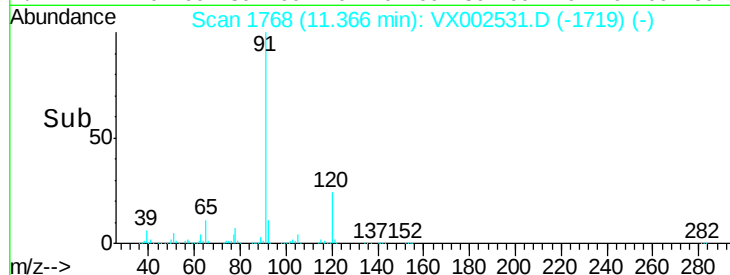
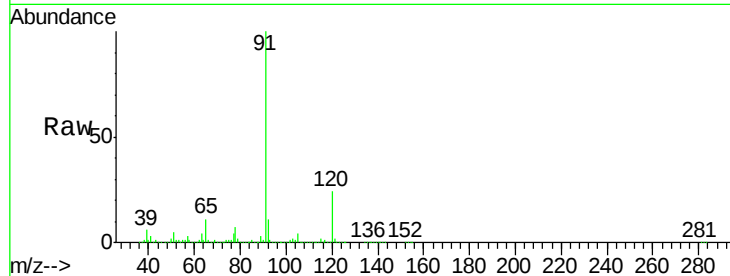
Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 68.370 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002531.D

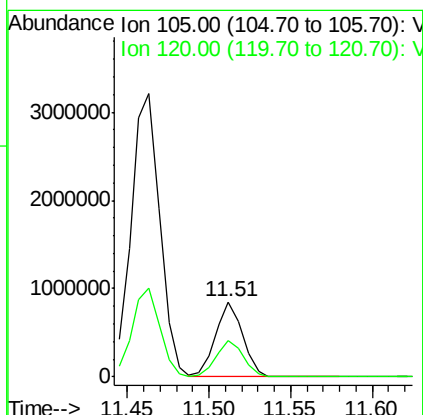
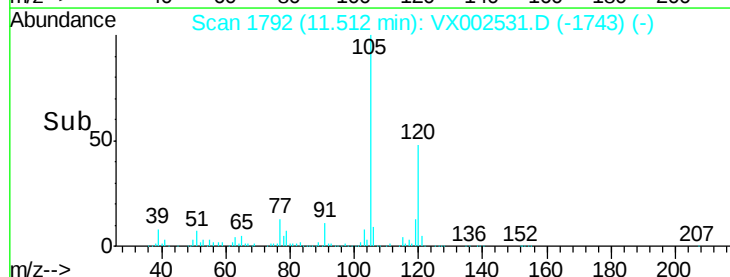
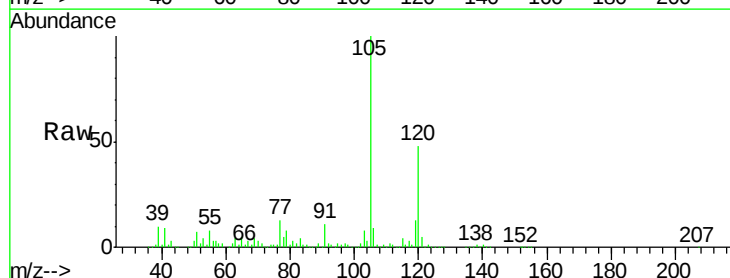
Acq: 14 Jun 2018 02:15

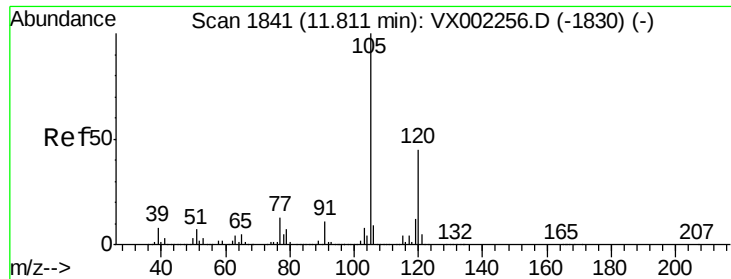
Tgt Ion: 105 Resp: 987584

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4





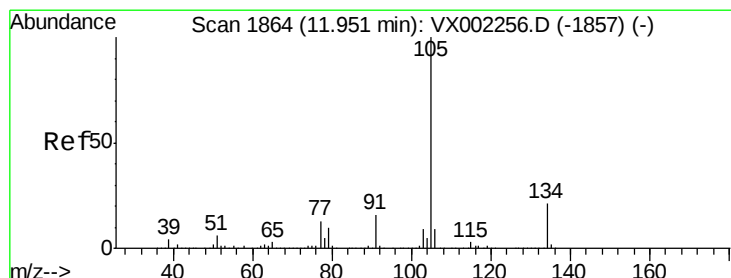
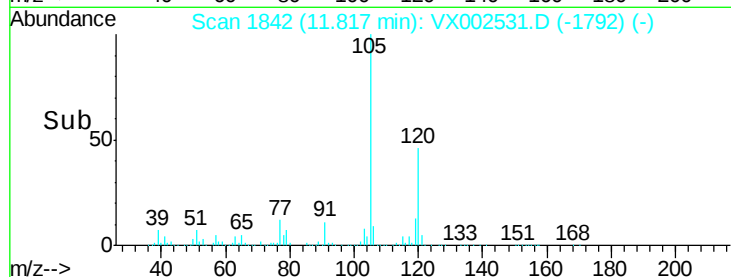
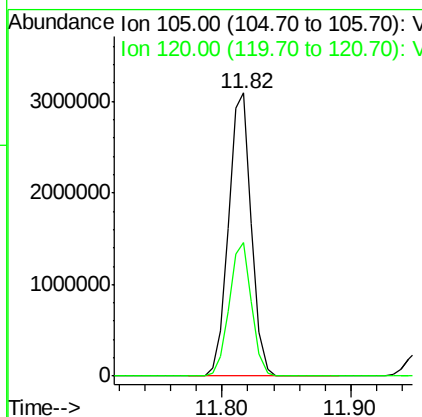
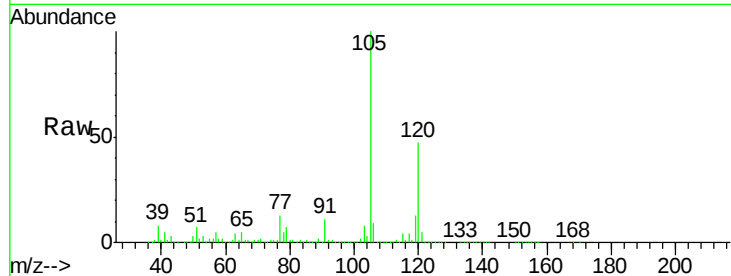
#84
 1,2,4-Trimethylbenzene
 Concen: 257.692 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX002531.D
 Acq: 14 Jun 2018 02:15

Instrument :
 MSVOA_X
 ClientSampleId :
 B-42R(I-2DR)R

Tot Ion:105 Resp: 3831661
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8

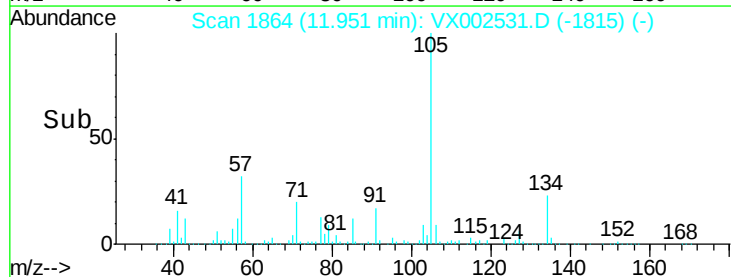
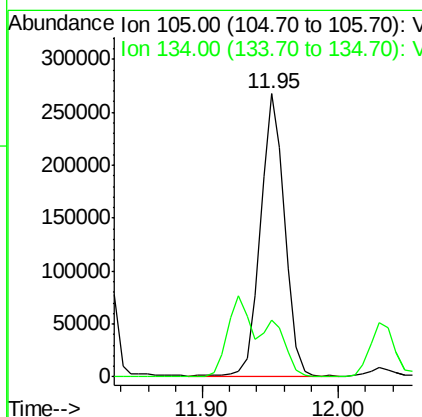
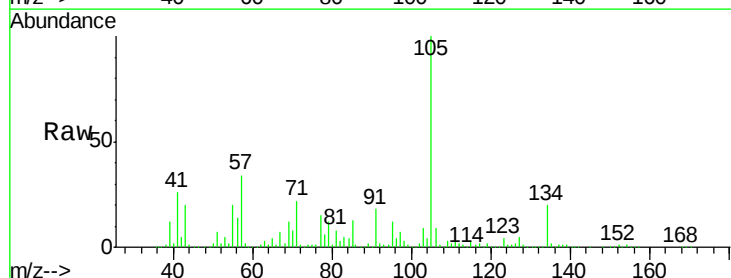
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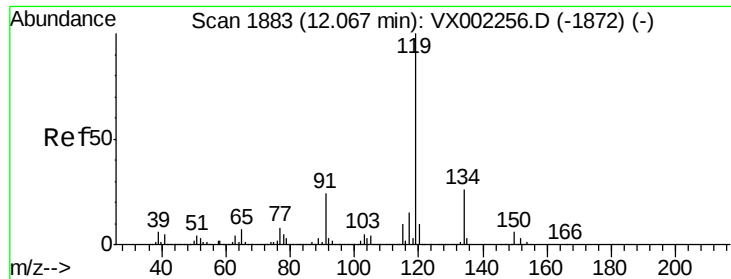
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#85
 sec-Butylbenzene
 Concen: 20.053 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002531.D
 Acq: 14 Jun 2018 02:15

Tgt Ion:105 Resp: 330667
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





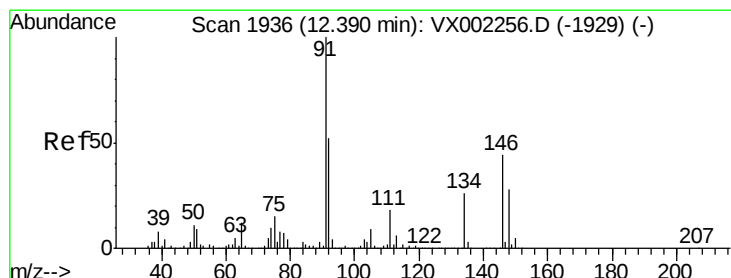
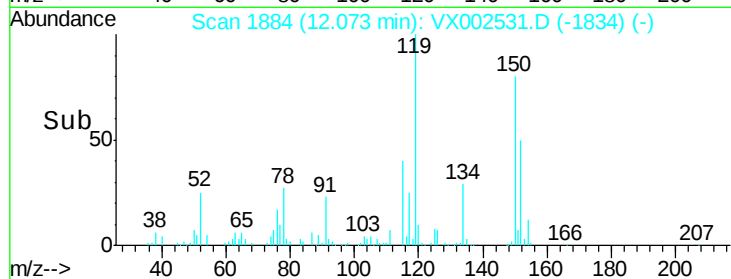
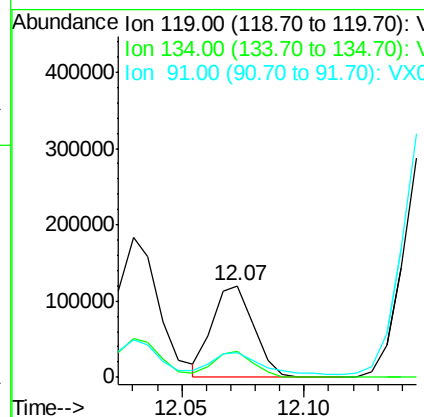
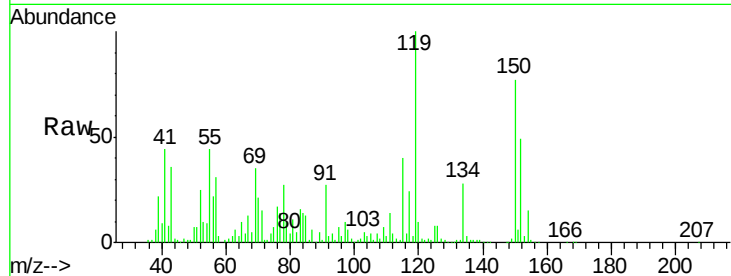
#86
p-Isopropyltoluene
Concen: 9.321 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2DR)R

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.3	13.4	40.1
91	26.8	11.9	35.7

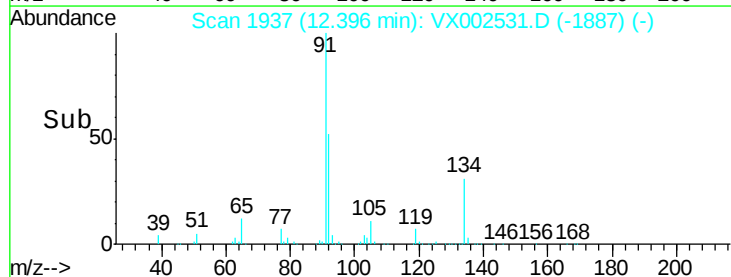
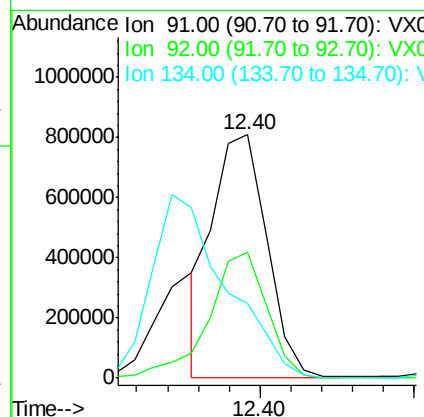
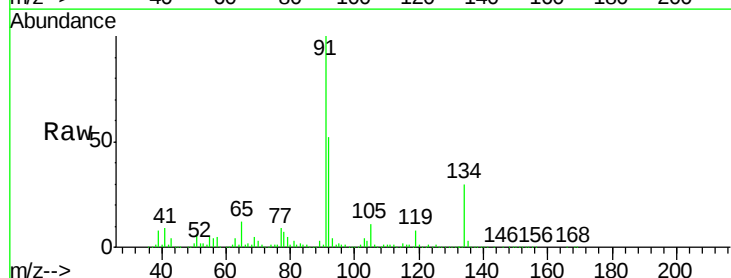
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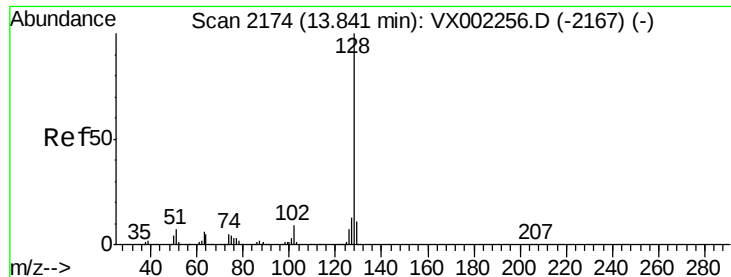
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#89
n-Butylbenzene
Concen: 79.227 ug/l m
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.0	78.0
134	0.0	13.5	40.5#





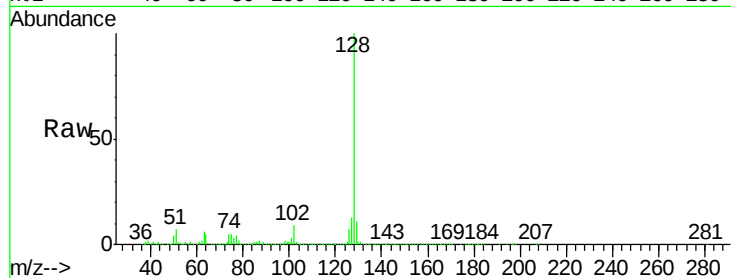
#95
Naphthalene
Concen: 185.537 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002531.D
Acq: 14 Jun 2018 02:15

Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2DR)R

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	12.2	8.6	13.0

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

