

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002537.D
 Acq On : 14 Jun 2018 04:54
 Operator : JC/MD
 Sample : J3383-01
 Misc : 6.86g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2RR

Manual Integrations
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MMDadoda
 6/14/2018 11:29:36 AM

Quant Time: Jun 14 06:00:50 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	291744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	418972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185440	44.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.08%	
35) Dibromofluoromethane	5.51	113	136854	41.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.08%	
50) Toluene-d8	8.72	98	640544	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.15	95	281628	57.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.66%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	3443734	653.745	ug/l #	94
39) Methylcyclohexane	7.46	83	5631508	1029.720	ug/l	99
40) Benzene	6.14	78	36284	2.687	ug/l	95
52) Toluene	8.79	92	5616	0.654	ug/l	83
67) Ethyl Benzene	10.26	91	10622313	619.568	ug/l	90
68) m/p-Xylenes	10.37	106	7665068	1150.117	ug/l	81
69) o-Xylene	10.71	106	17242	2.600	ug/l	94
73) Isopropylbenzene	11.02	105	908353	49.305	ug/l	100
78) n-propylbenzene	11.37	91	4669023	228.015	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	5939929	375.902	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	14209935	873.587	ug/l	70
85) sec-Butylbenzene	11.95	105	341135m	18.911	ug/l	
95) Naphthalene	13.84	128	3725203	193.249	ug/l	98

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

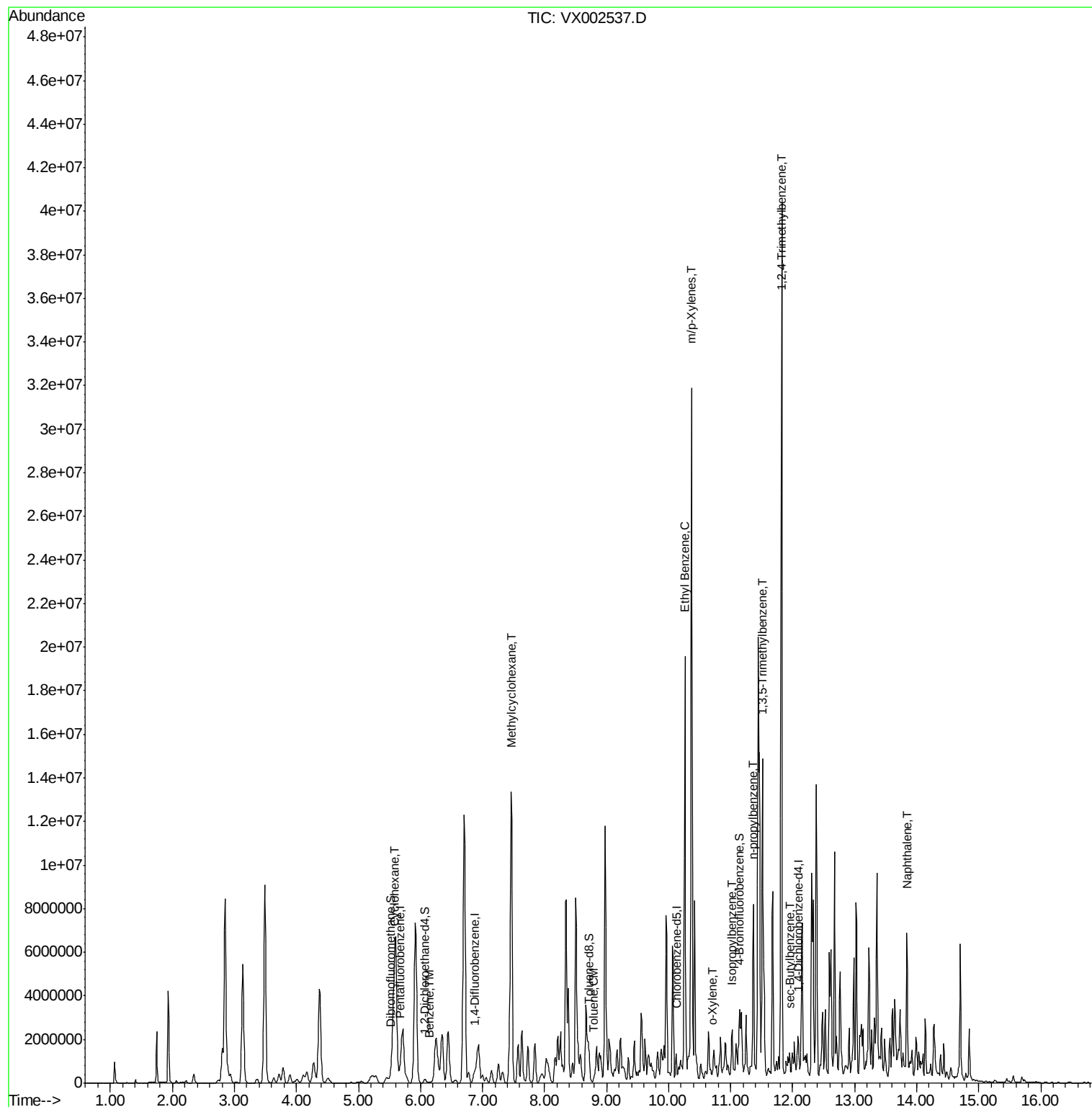
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002537.D
Acq On : 14 Jun 2018 04:54
Operator : JC/MD
Sample : J3383-01
Misc : 6.86g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 40 Sample Multiplier: 1

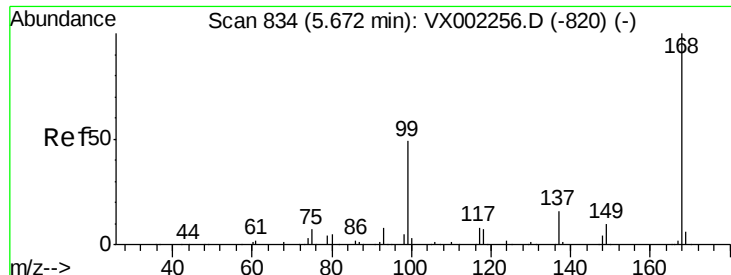
Instrument :
MSVOA_X
ClientSampleId :
B-2RR

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6/14/2018 11:29:36 AM

Quant Time: Jun 14 06:00:50 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: VX002537.D

Acq: 14 Jun 2018 04:54

Instrument :

MSVOA_X

ClientSampled :

B-2RR

Tot Ion:168 Resp: 291744

Ion Ratio Lower Upper

168 100

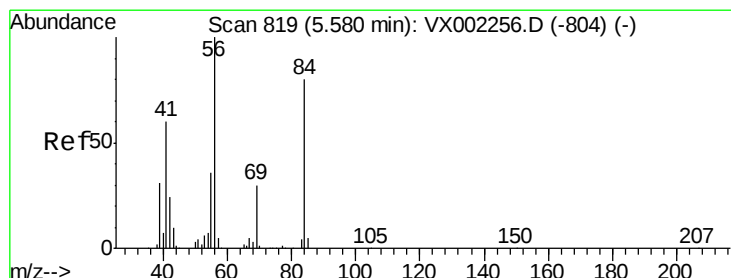
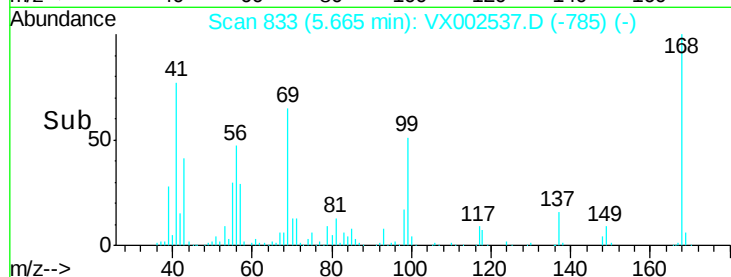
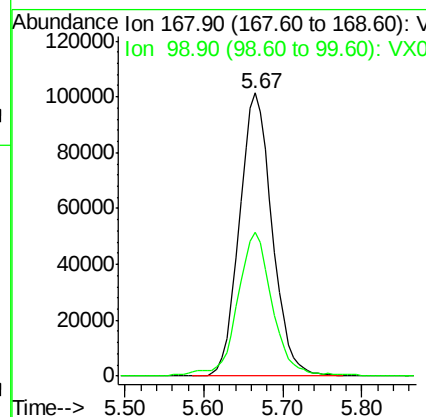
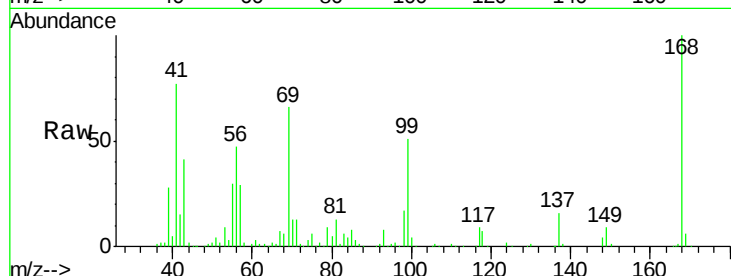
99 50.1 39.3 58.9

Manual Integrations

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#31

Cyclohexane

Concen: 653.745 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX002537.D

Acq: 14 Jun 2018 04:54

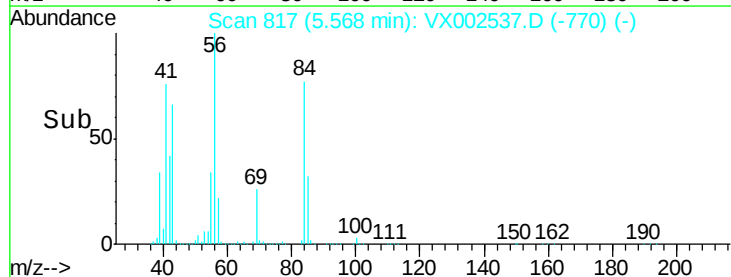
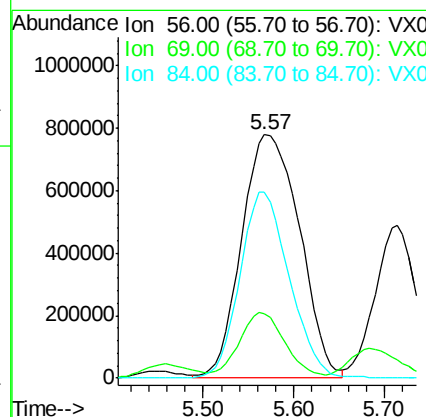
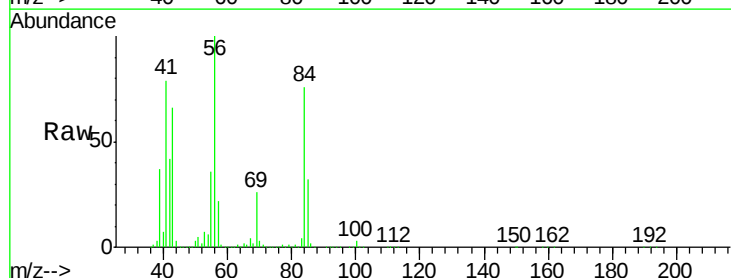
Tgt Ion: 56 Resp: 3443734

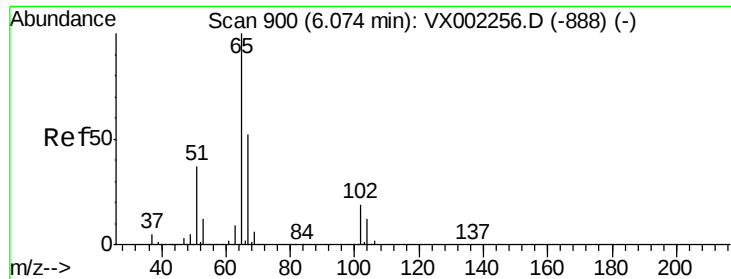
Ion Ratio Lower Upper

56 100

69 23.3 23.7 35.5#

84 77.0 64.1 96.1





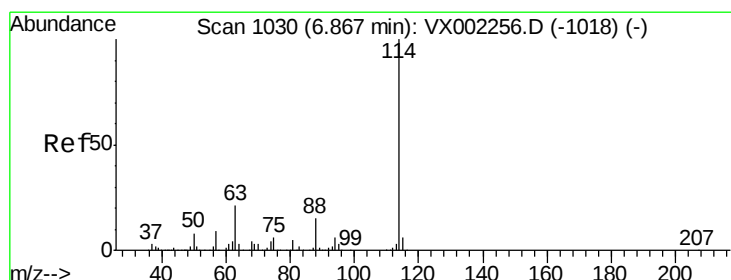
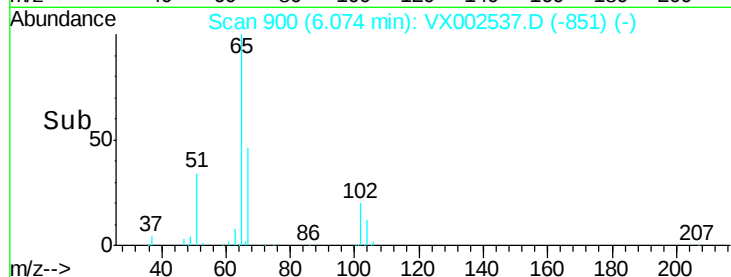
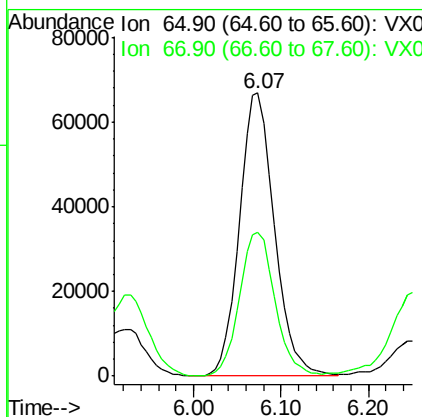
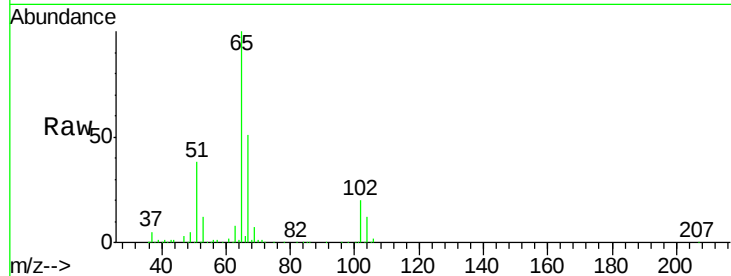
#33
 1,2-Dichloroethane-d4
 Concen: 44.037 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002537.D
 Acq: 14 Jun 2018 04:54

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2RR

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185440		
67	51.2	0.0	102.6	

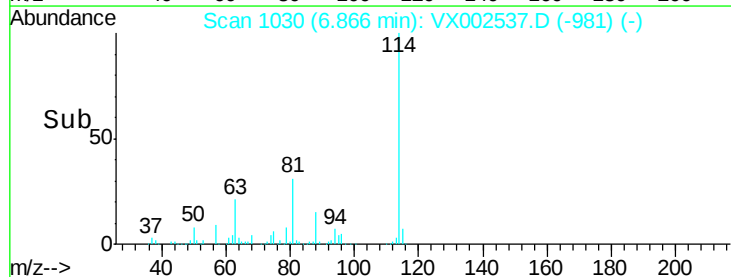
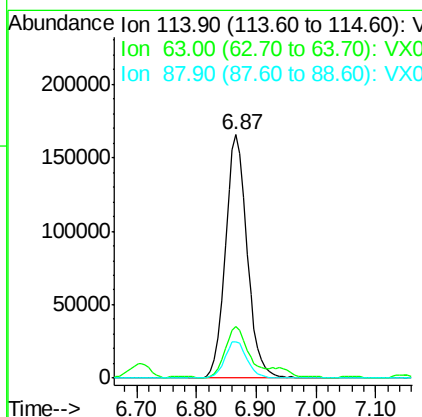
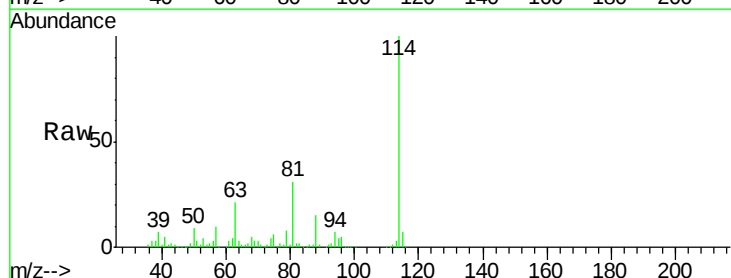
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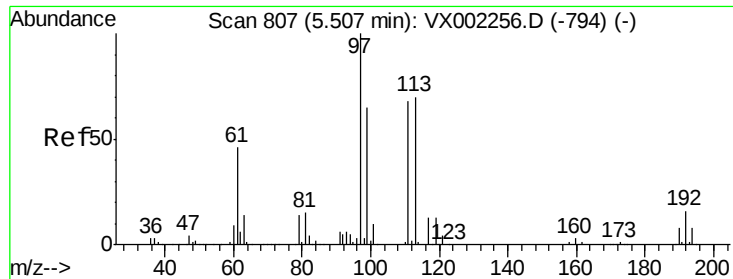
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002537.D
 Acq: 14 Jun 2018 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	418972		
63	21.0	0.0	41.4	
88	14.9	0.0	30.0	





#35

Dibromofluoromethane

Concen: 41.536 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002537.D

Acq: 14 Jun 2018 04:54

Instrument :

MSVOA_X

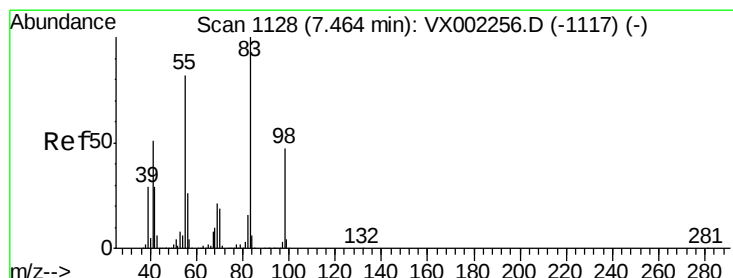
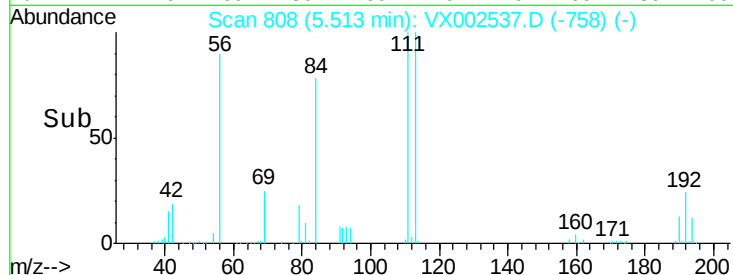
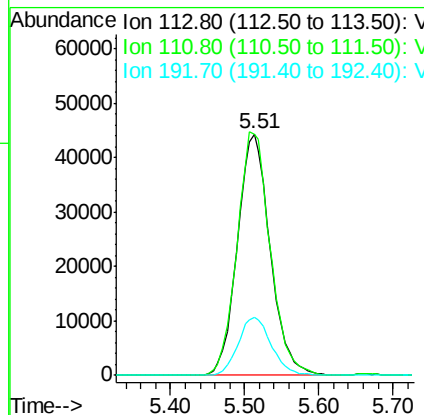
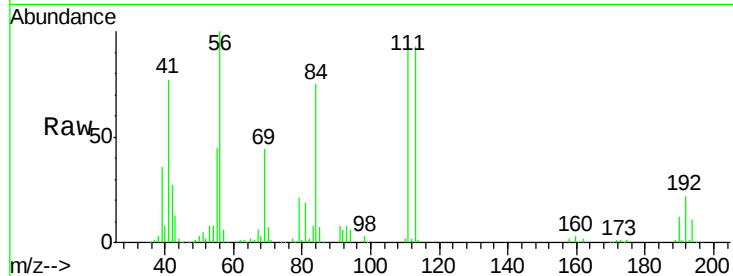
ClientSampleId :

B-2RR

Tot Ion:	113	Resp:	136854
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.4	122.0
192	24.4	19.1	28.7

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#39

Methylcyclohexane

Concen: 1029.720 ug/l

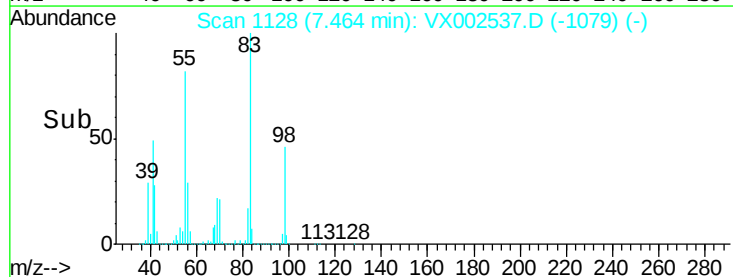
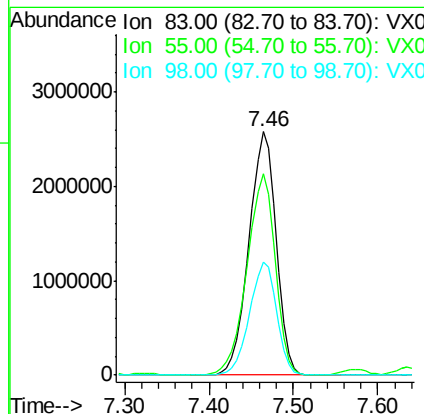
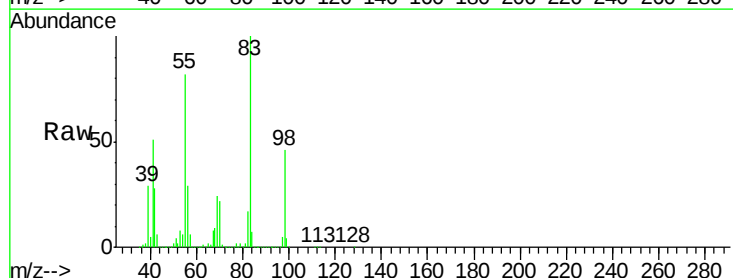
RT: 7.46 min Scan# 1128

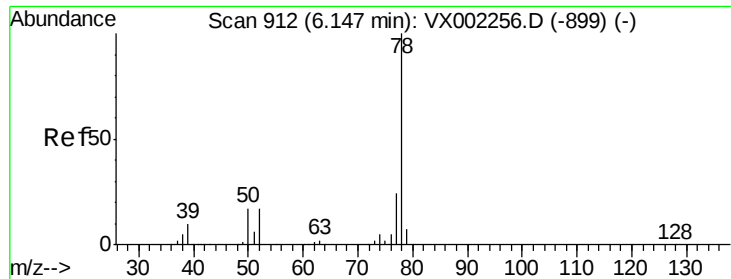
Delta R.T. -0.00 min

Lab File: VX002537.D

Acq: 14 Jun 2018 04:54

Tgt Ion:	83	Resp:	5631508
Ion Ratio	Lower	Upper	
83	100		
55	82.4	65.4	98.0
98	46.4	37.4	56.0





#40

Benzene

Concen: 2.687 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX002537.D

Acq: 14 Jun 2018 04:54

Instrument :

MSVOA_X

ClientSampled :

B-2RR

Tot Ion: 78 Resp: 36284

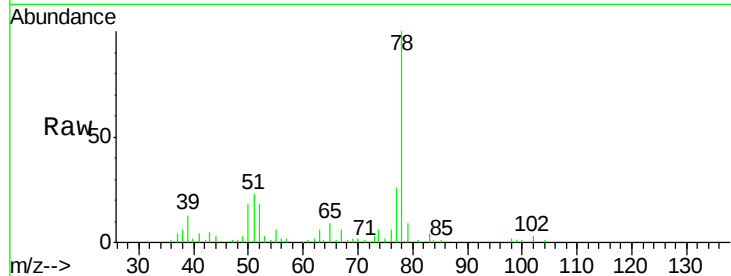
Ion Ratio Lower Upper

78 100

77 26.2 19.1 28.7

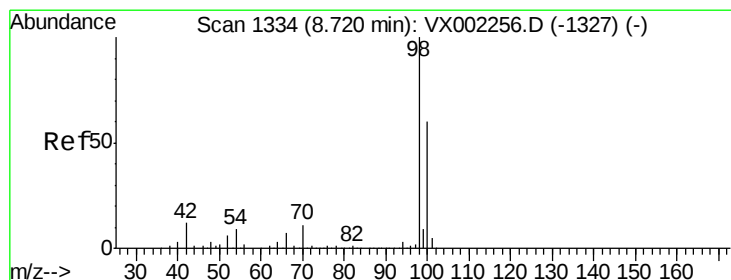
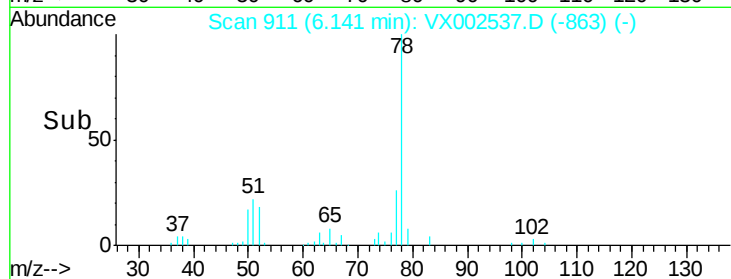
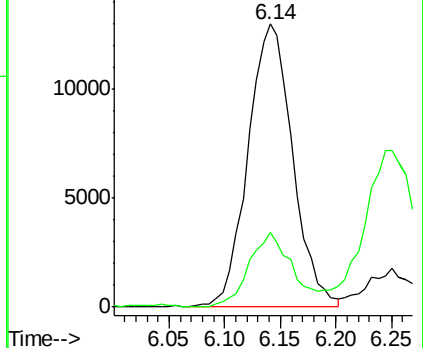
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.721 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002537.D

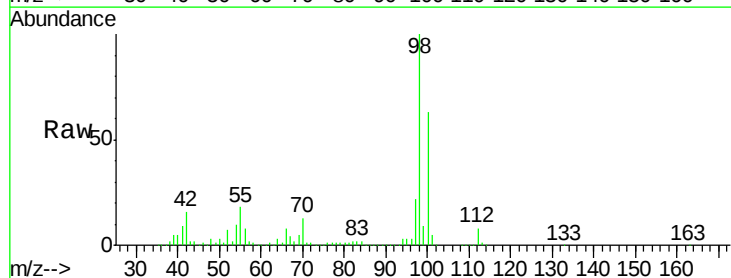
Acq: 14 Jun 2018 04:54

Tgt Ion: 98 Resp: 640544

Ion Ratio Lower Upper

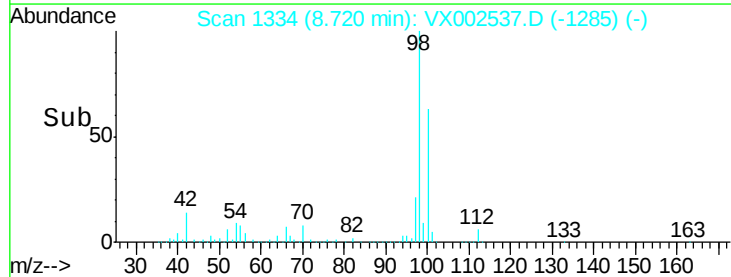
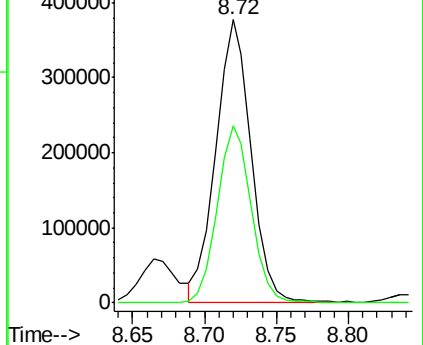
98 100

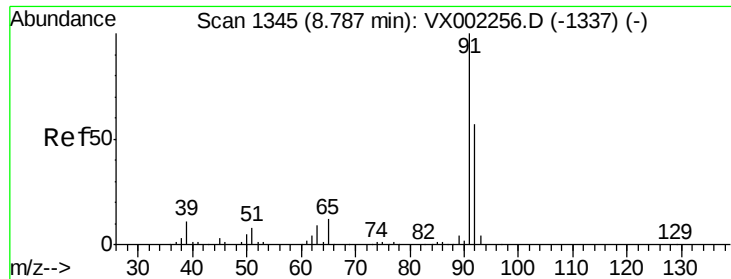
100 61.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.654 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002537.D

Acq: 14 Jun 2018 04:54

Instrument :

MSVOA_X

ClientSampleId :

B-2RR

Tot Ion: 92 Resp: 5616

Ion Ratio Lower Upper

92 100

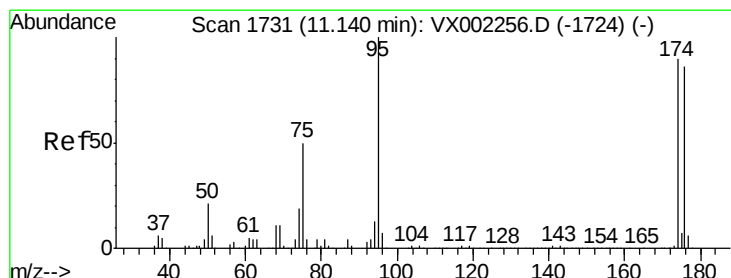
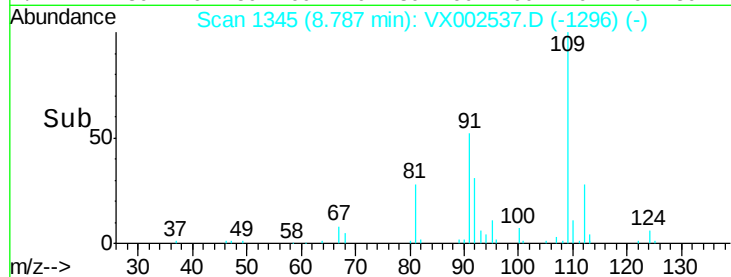
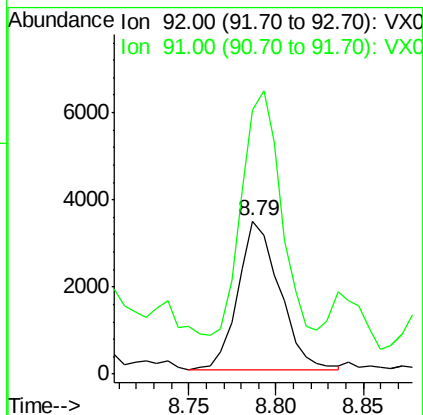
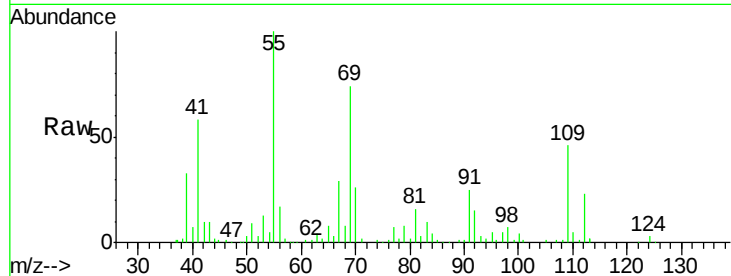
91 151.7 140.4 210.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 57.831 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002537.D

Acq: 14 Jun 2018 04:54

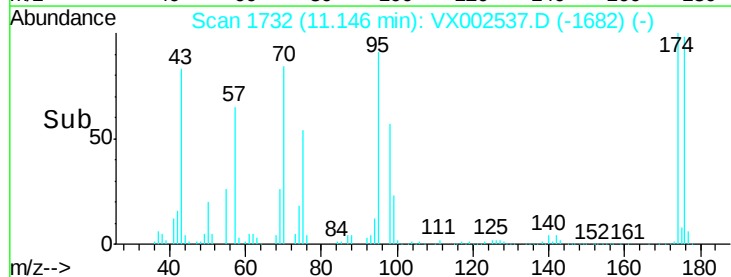
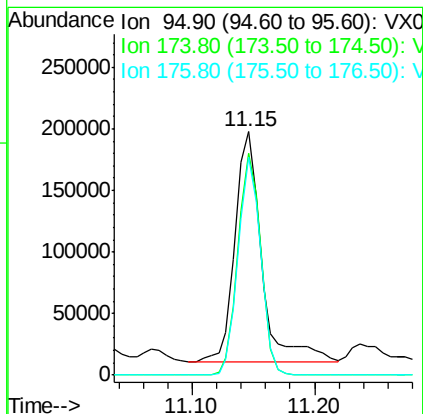
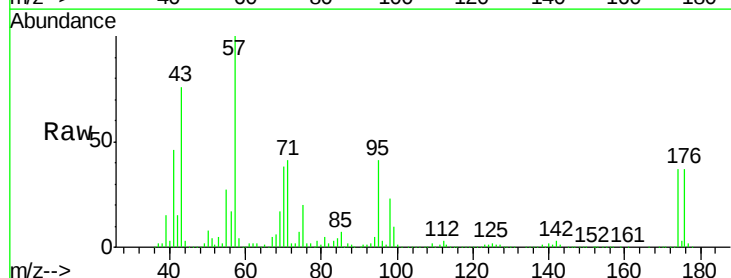
Tgt Ion: 95 Resp: 281628

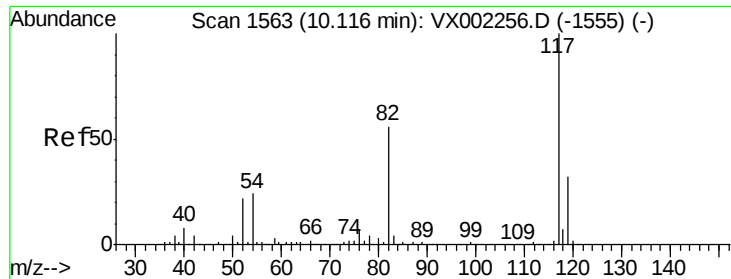
Ion Ratio Lower Upper

95 100

174 82.4 0.0 187.4

176 79.9 0.0 181.0





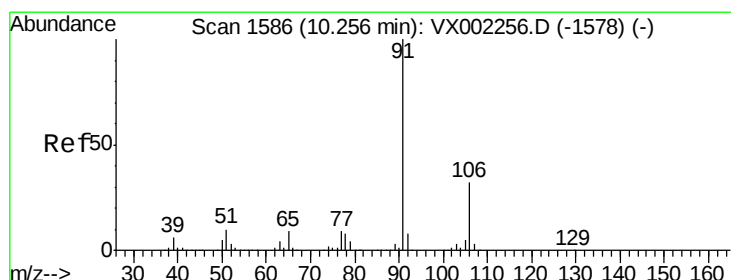
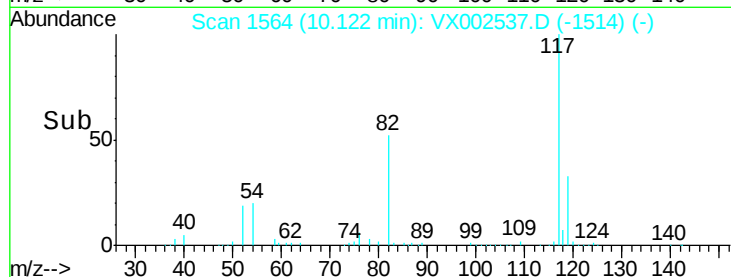
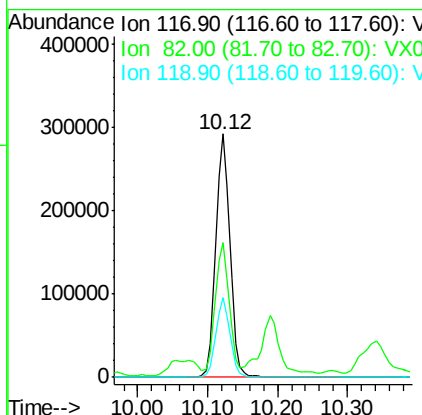
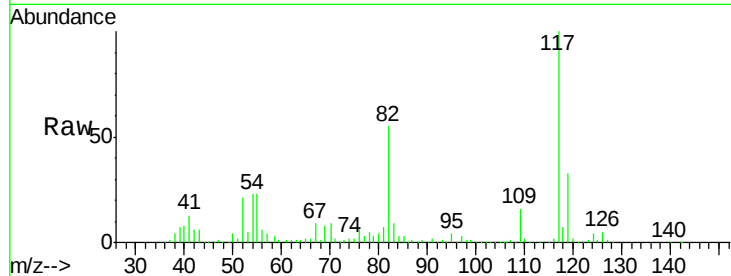
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002537.D
Acq: 14 Jun 2018 04:54

Instrument :
MSVOA_X
ClientSampleId :
B-2RR

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.0	67.4
119	32.6	25.8	38.6

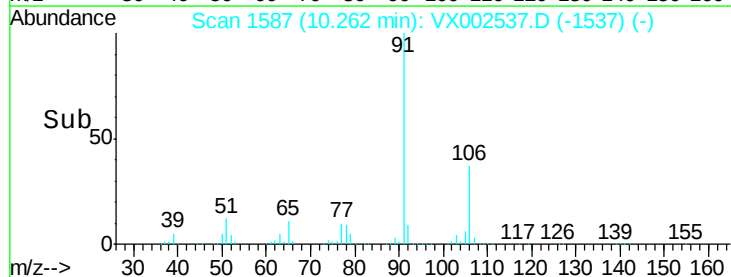
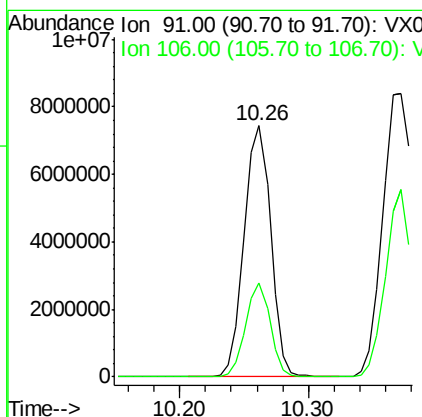
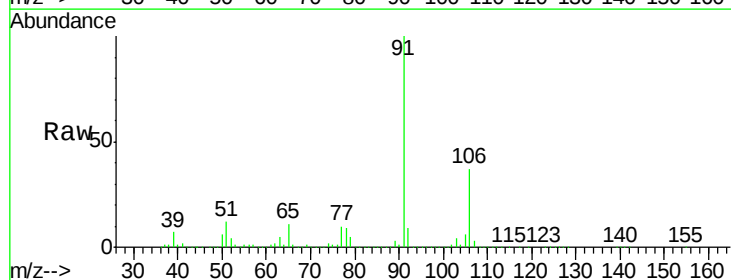
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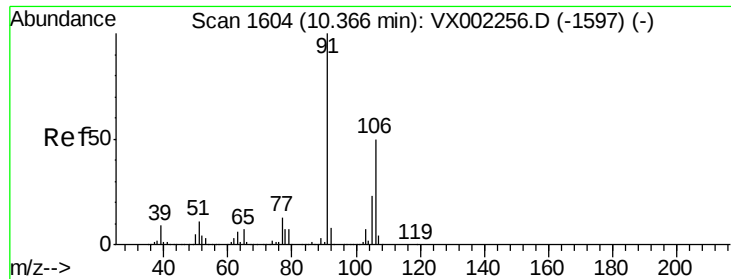
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6/14/2018 11:29:36 AM



#67
Ethyl Benzene
Concen: 619.568 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX002537.D
Acq: 14 Jun 2018 04:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	37.4	25.5	38.3





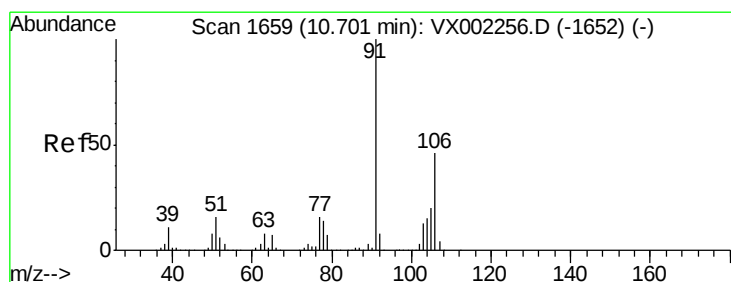
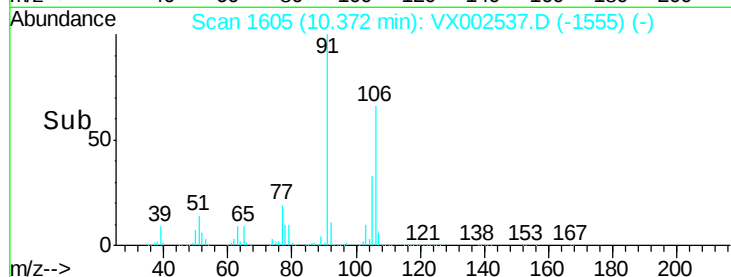
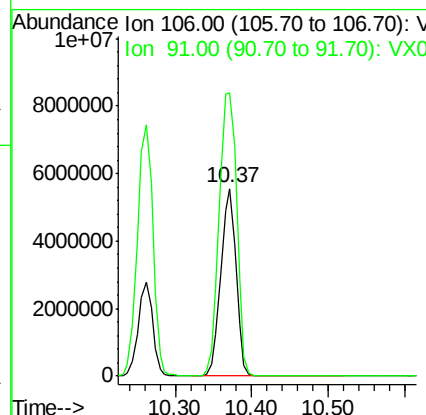
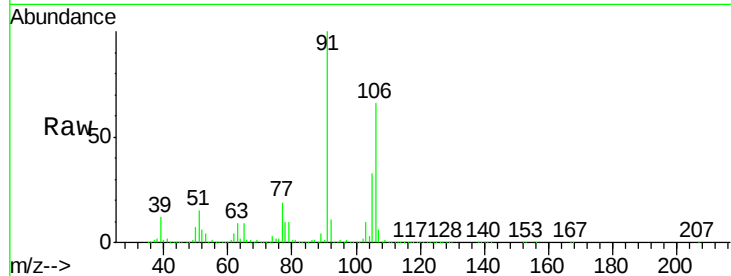
#68
m/p-Xylenes
Concen: 1150.117 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX002537.D
Acq: 14 Jun 2018 04:54

Instrument :
MSVOA_X
ClientSampled :
B-2RR

Tot Ion:106 Resp: 7665068
Ion Ratio Lower Upper
106 100
91 174.8 163.4 245.2

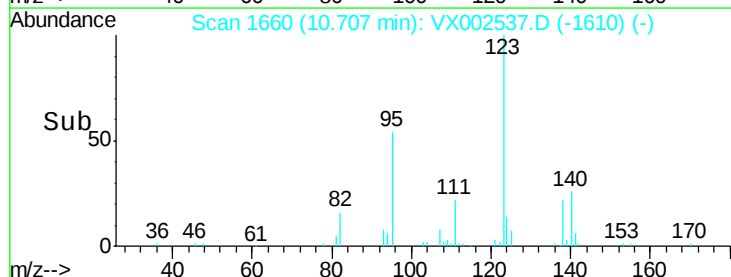
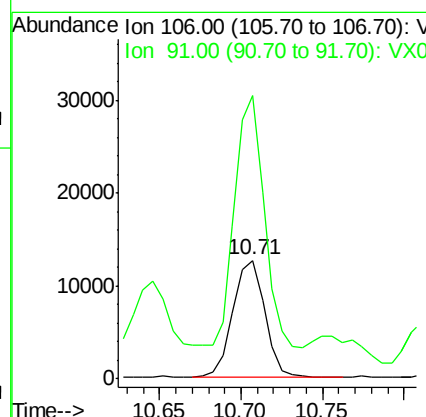
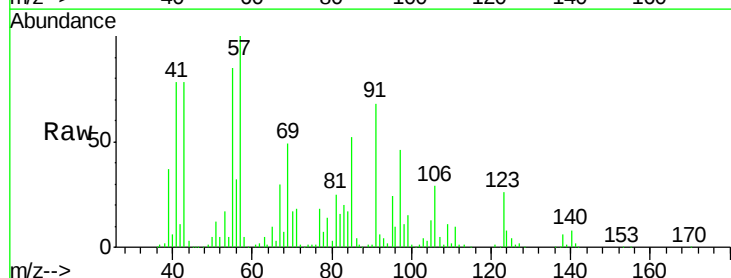
Manual Integrations
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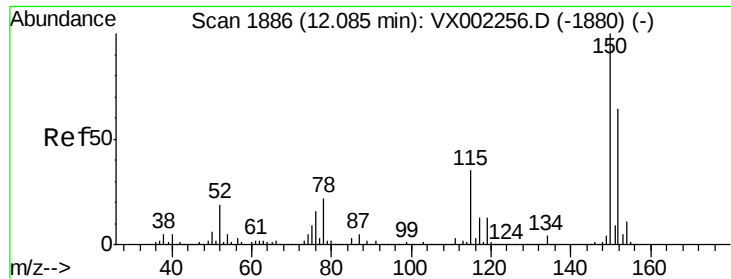
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#69
o-Xylene
Concen: 2.600 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002537.D
Acq: 14 Jun 2018 04:54

Tgt Ion:106 Resp: 17242
Ion Ratio Lower Upper
106 100
91 226.3 108.2 324.6





#72

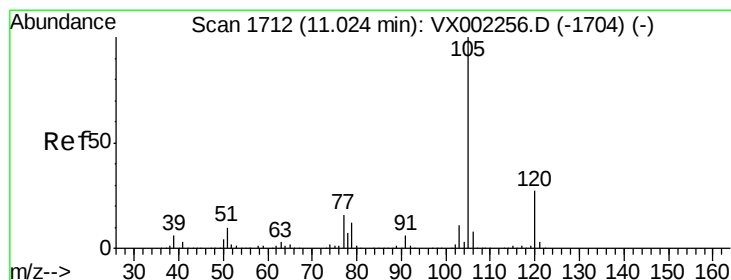
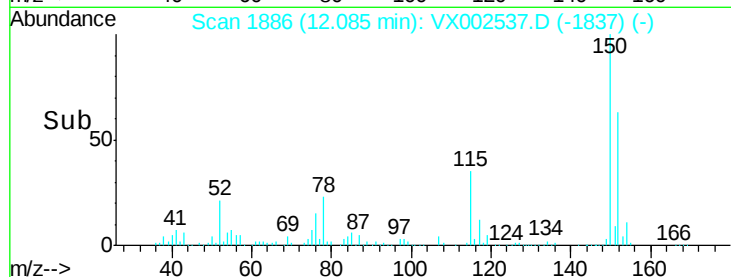
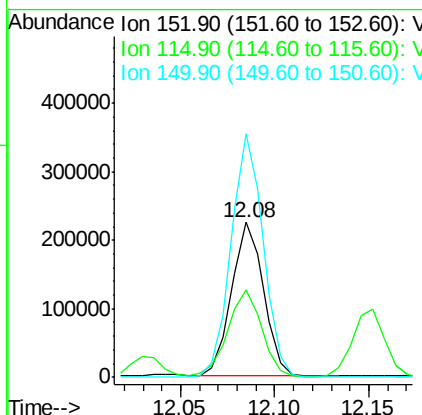
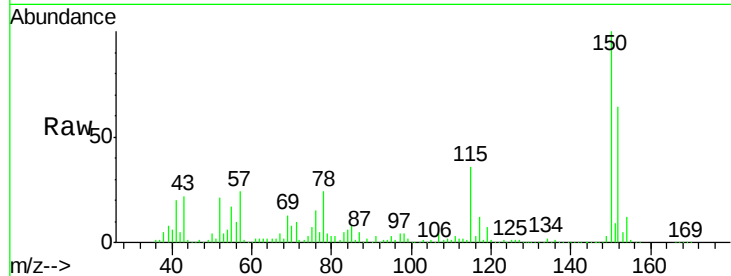
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002537.D
Acq: 14 Jun 2018 04:54

Instrument :
MSVOA_X
ClientSampled :
B-2RR

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.8	40.1	120.2
150	158.5	0.0	347.2

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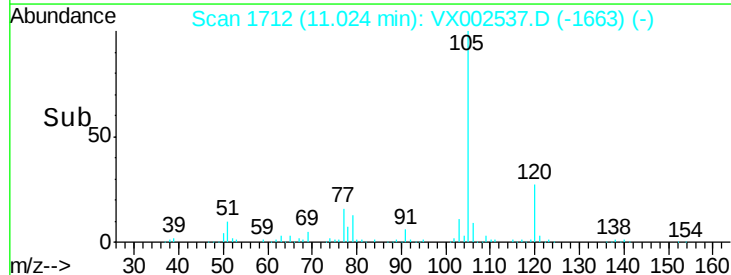
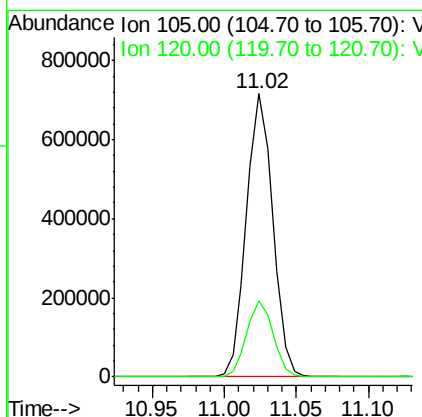
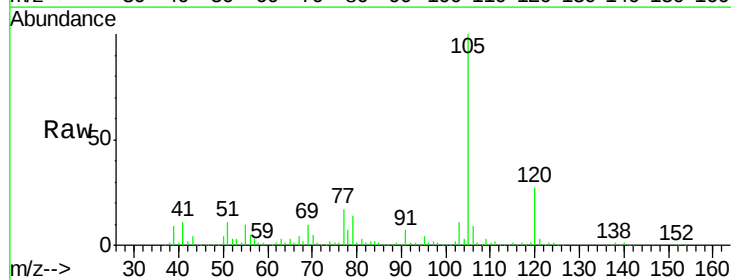
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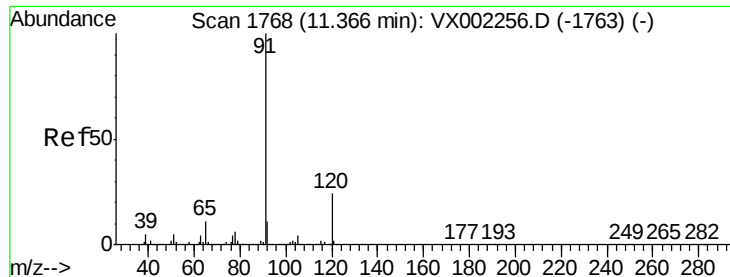


#73

Isopropylbenzene
Concen: 49.305 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002537.D
Acq: 14 Jun 2018 04:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4





#78

n-propylbenzene

Concen: 228.015 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002537.D

Acq: 14 Jun 2018 04:54

Instrument :

MSVOA_X

ClientSampleId :

B-2RR

Tot Ion: 91 Resp: 4669023

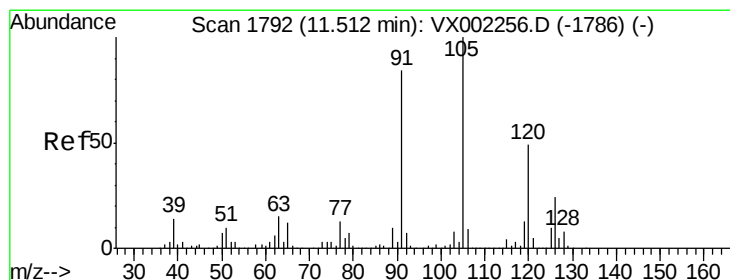
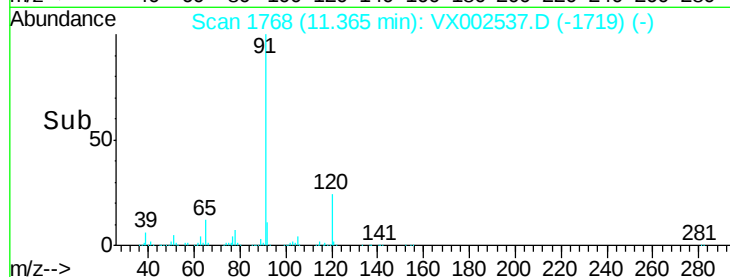
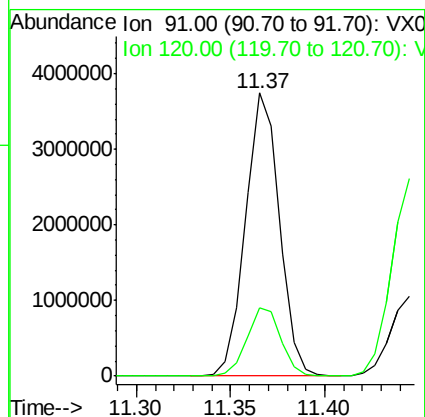
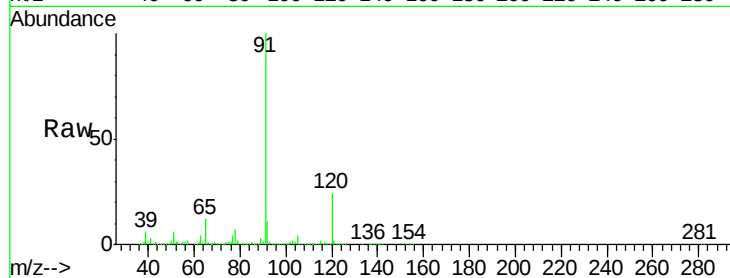
Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 375.902 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002537.D

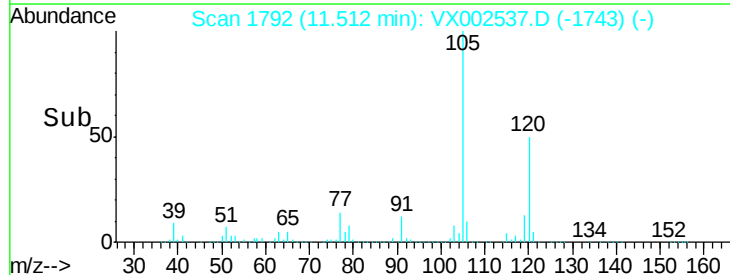
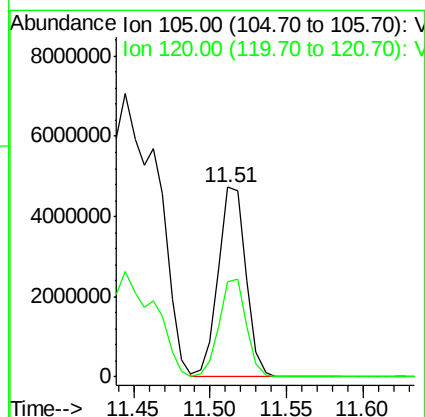
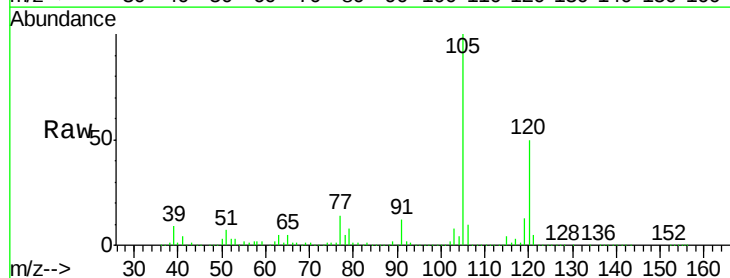
Acq: 14 Jun 2018 04:54

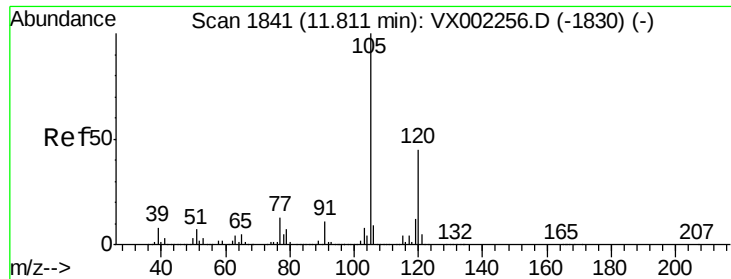
Tgt Ion:105 Resp: 5939929

Ion Ratio Lower Upper

105 100

120 50.5 24.4 73.4





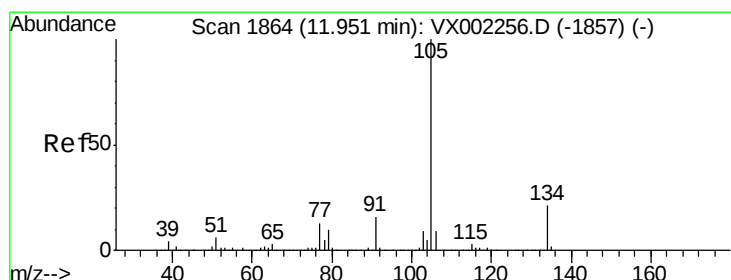
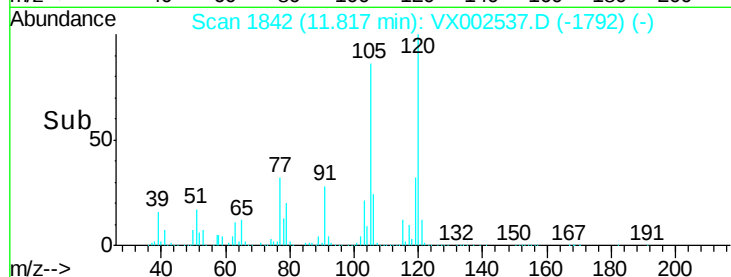
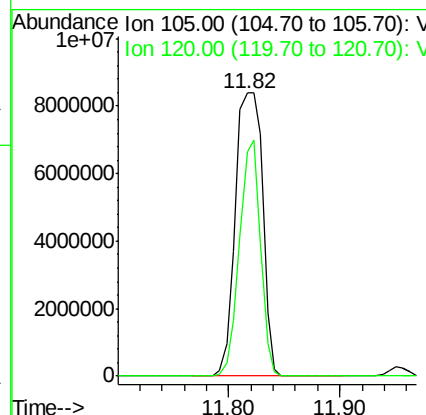
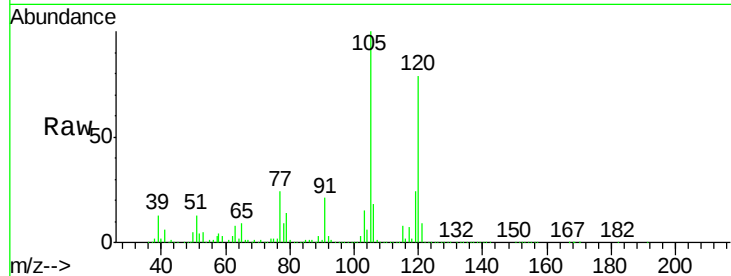
#84
 1,2,4-Trimethylbenzene
 Concen: 873.587 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX002537.D
 Acq: 14 Jun 2018 04:54

Instrument :
 MSVOA_X
 ClientSampleId :
 B-2RR

Tot Ion:105 Resp:14209935
 Ion Ratio Lower Upper
 105 100
 120 64.2 22.3 66.8

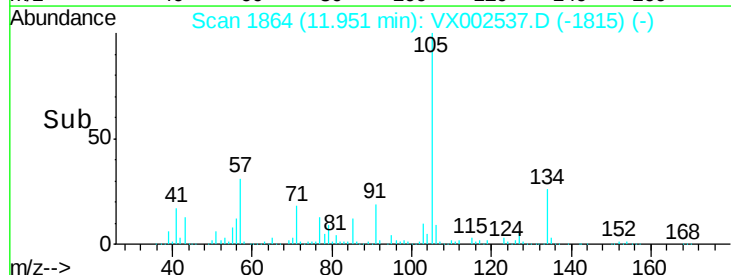
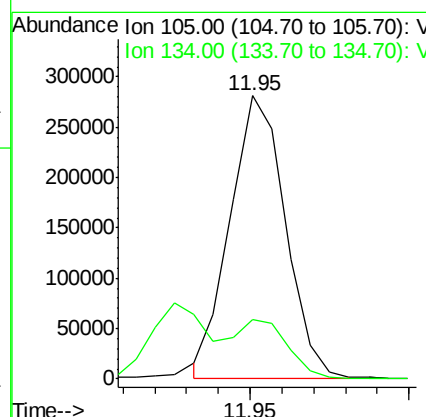
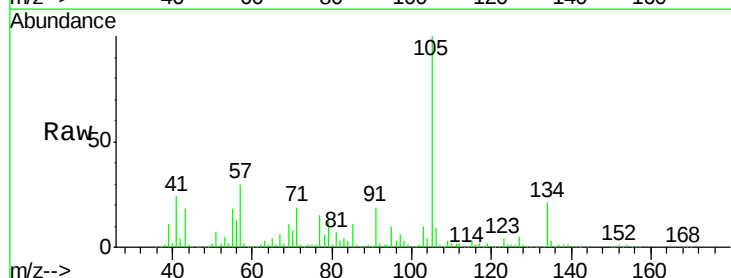
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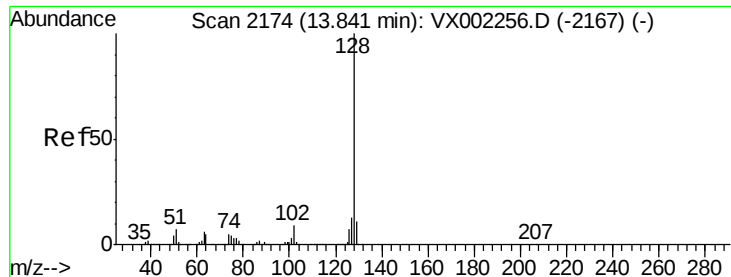
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#85
 sec-Butylbenzene
 Concen: 18.911 ug/l m
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002537.D
 Acq: 14 Jun 2018 04:54

Tgt Ion:105 Resp: 341135
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





#95
Naphthalene
Concen: 193.249 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002537.D
Acq: 14 Jun 2018 04:54

Instrument :
MSVOA_X
ClientSampleId :
B-2RR

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.9	8.6	13.0

Manual Integrations
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