

Data File : VX000350.D
Acq On : 16 Mar 2018 16:26
Operator : JC/MD
Sample : J1808-01DL 20X
Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

Manual Integrations
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Quant Time: Mar 17 09:53:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	160434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	276398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164759	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	108766	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.51	113	83434	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	8.72	98	348493	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.15	95	132576	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	

Target Compounds						Qvalue
31) Cyclohexane	5.58	56	13787	5.50	ug/l	# 92
39) Methylcyclohexane	7.46	83	60475	20.65	ug/l	96
52) Toluene	8.79	92	21020	4.20	ug/l	95
67) Ethyl Benzene	10.26	91	291741	30.99	ug/l	97
68) m/p-Xylenes	10.37	106	335004	91.33	ug/l	98
69) o-Xylene	10.71	106	82223	23.07	ug/l	99
73) Isopropylbenzene	11.02	105	60530	6.10	ug/l	99
78) n-propylbenzene	11.37	91	280238	23.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	390718	46.22	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	1049727	120.78	ug/l	98
85) sec-Butylbenzene	11.96	105	28461m	2.76	ug/l	
86) p-Isopropyltoluene	12.07	119	22446	2.44	ug/l	99
95) Naphthalene	13.84	128	220386	17.81	ug/l	99

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

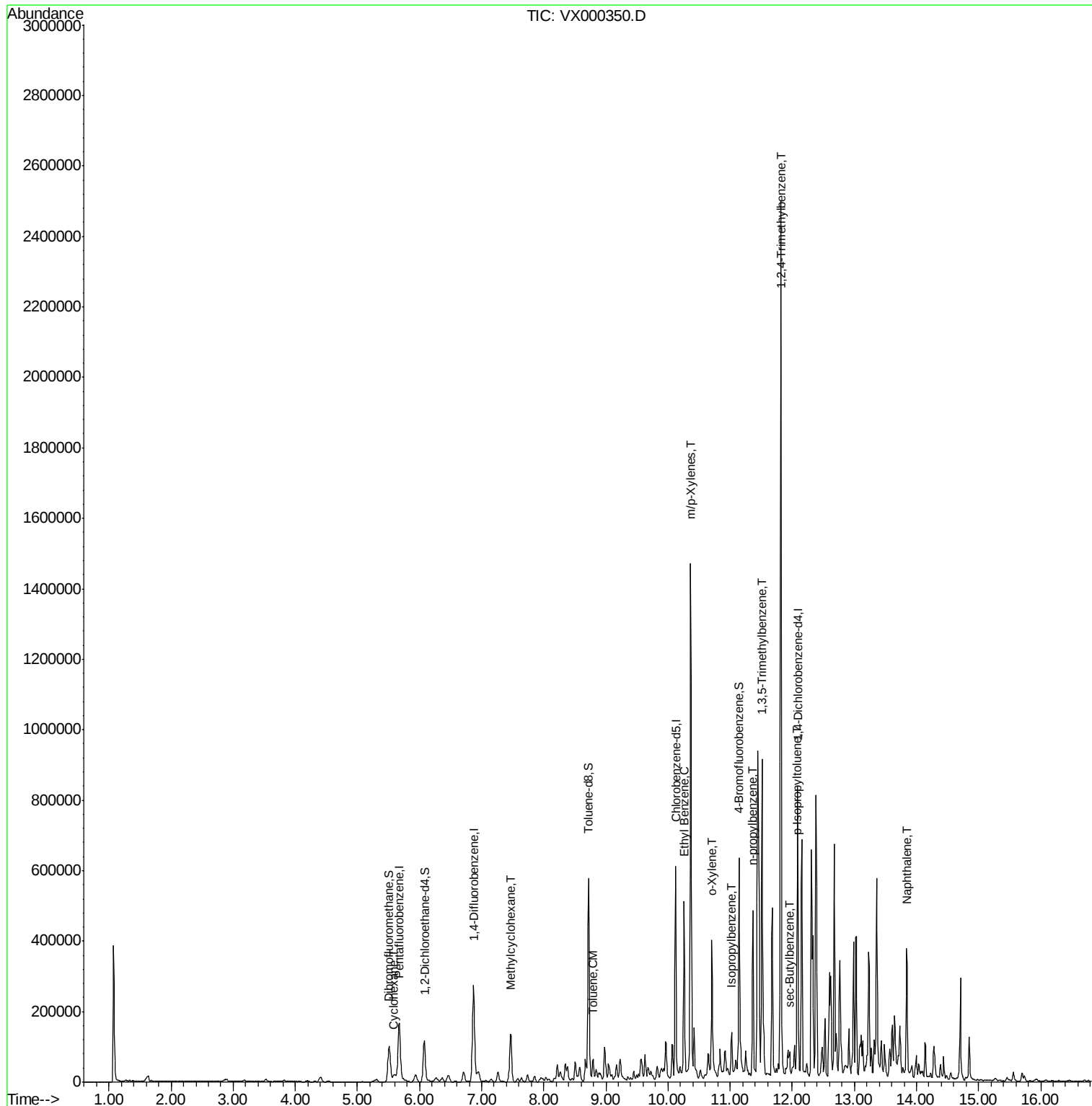
Data File : VX000350.D
Acq On : 16 Mar 2018 16:26
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Sample : J1808-01DL 20X
Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

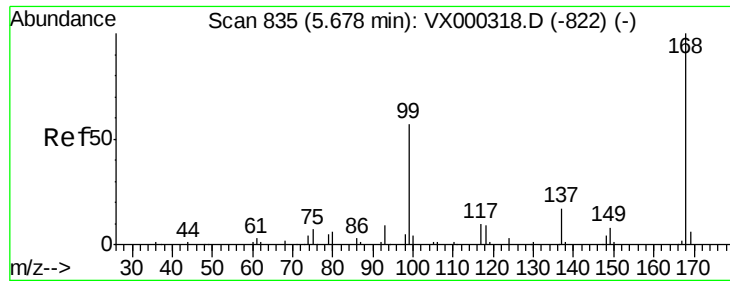
Instrument :
MSVOA_X
ClientSampled :
SB-04-12-13DL

Manual Integrations
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Quant Time: Mar 17 09:53:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

Tgt Ion: 168 Resp: 160434

Ion Ratio Lower Upper

168 100

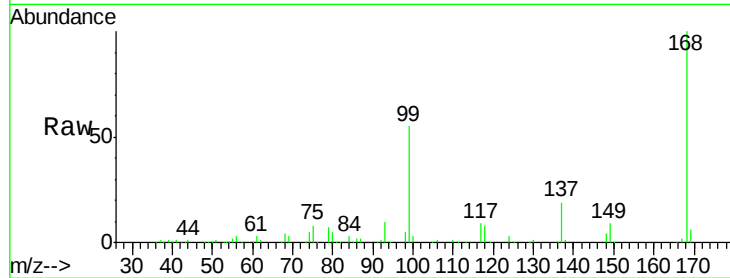
99 55.4 45.8 68.6

Manual Integrations

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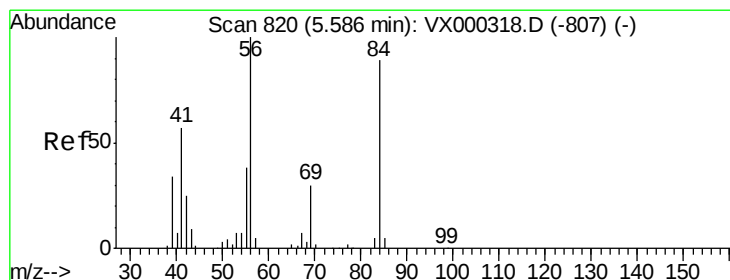
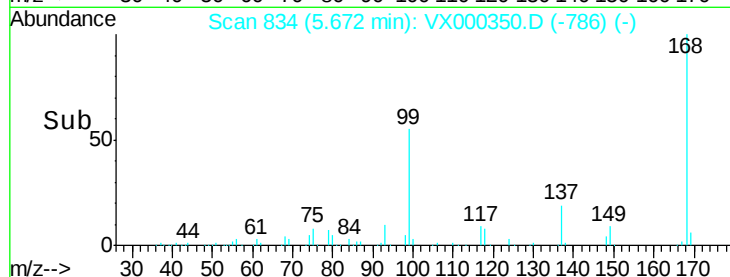
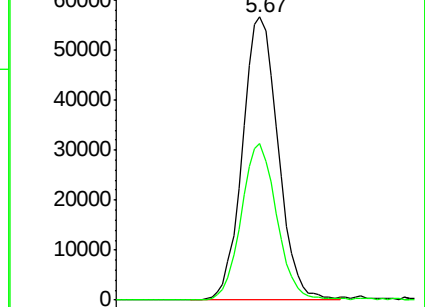
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 5.50 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

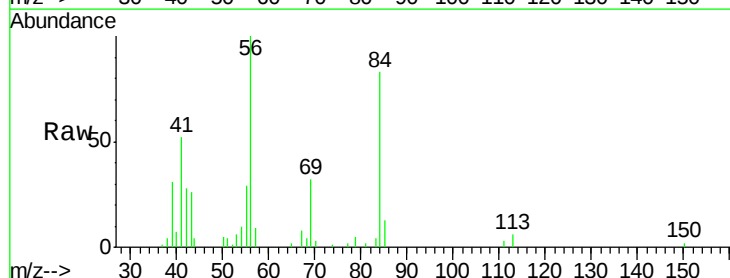
Tgt Ion: 56 Resp: 13787

Ion Ratio Lower Upper

56 100

69 21.9 23.4 35.0#

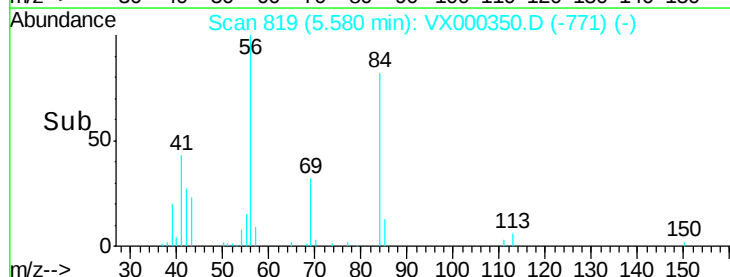
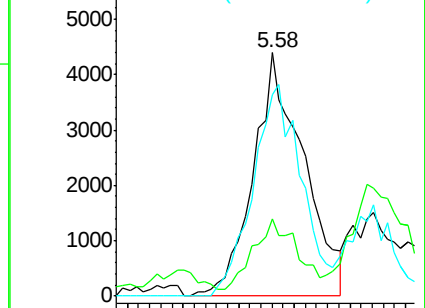
84 82.9 71.0 106.4

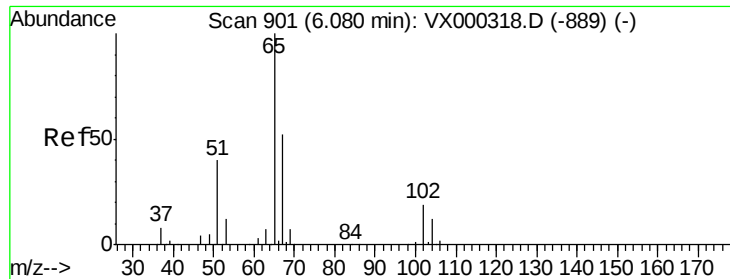


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





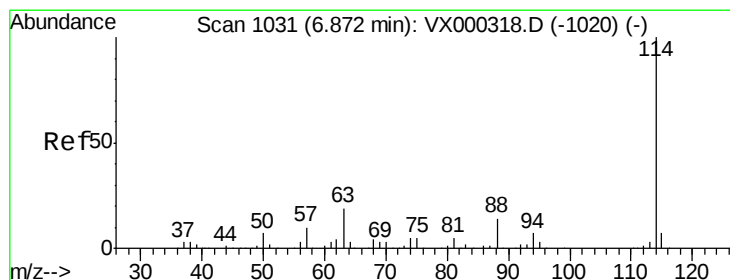
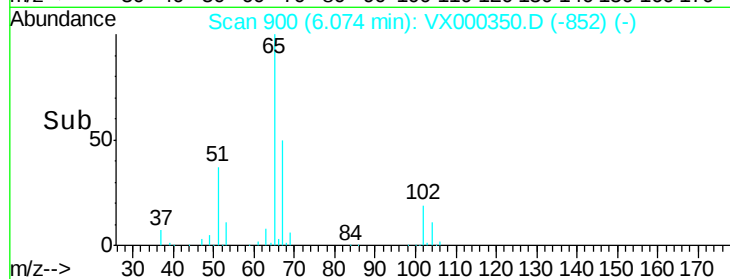
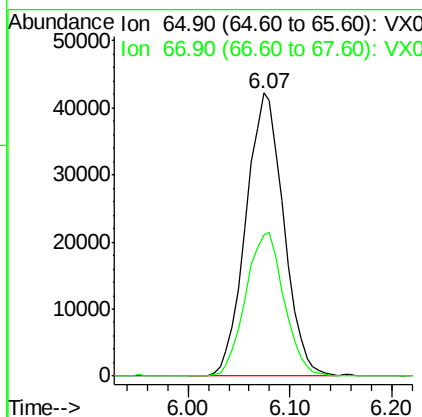
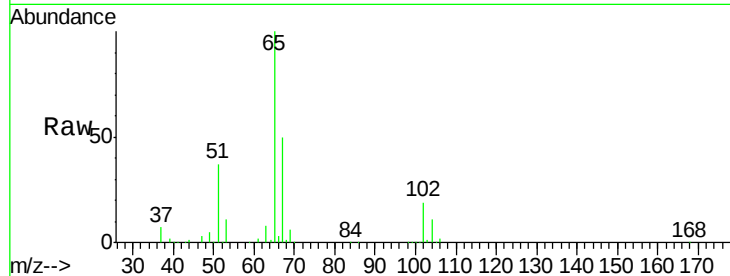
#33
 1,2-Dichloroethane-d4
 Concen: 49.01 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000350.D
 Acq: 16 Mar 2018 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13DL

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	108766		
67	51.7	0.0	103.2	

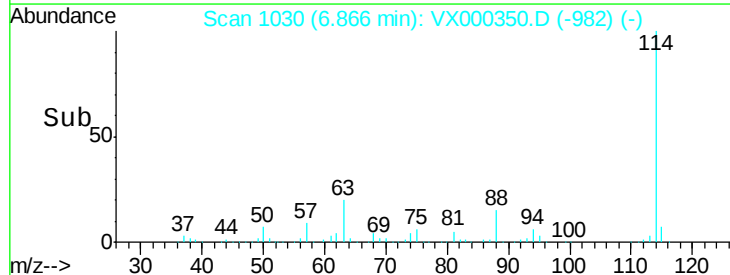
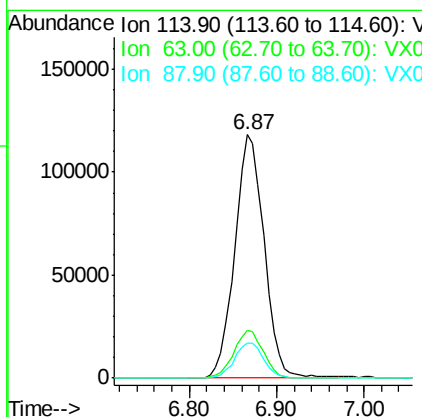
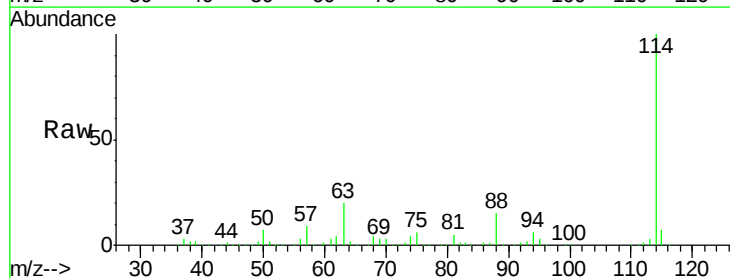
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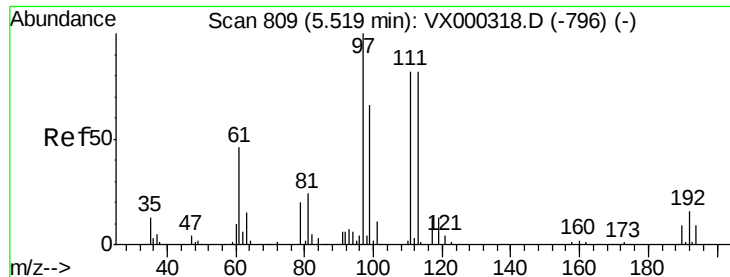
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000350.D
 Acq: 16 Mar 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	276398		
63	19.7	0.0	38.4	
88	14.6	0.0	27.0	





#35

Dibromofluoromethane

Concen: 47.84 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Instrument :

MSVOA_X

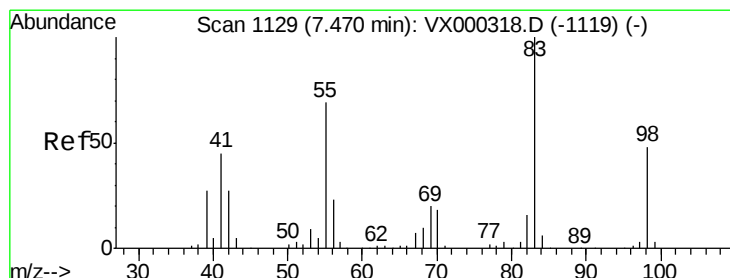
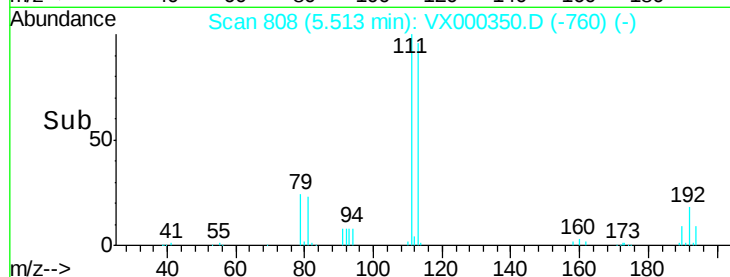
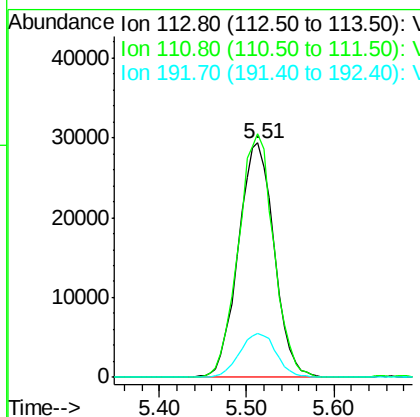
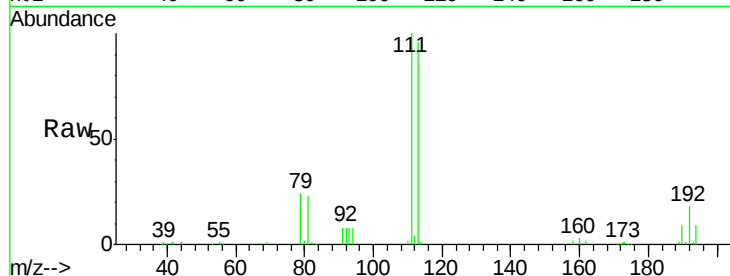
ClientSampleId :

SB-04-12-13DL

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	19.1	15.8	23.6

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#39

Methylcyclohexane

Concen: 20.65 ug/l

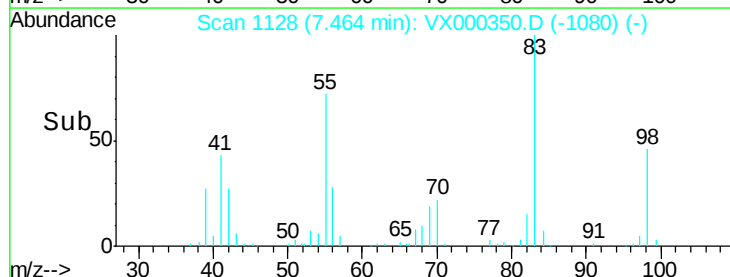
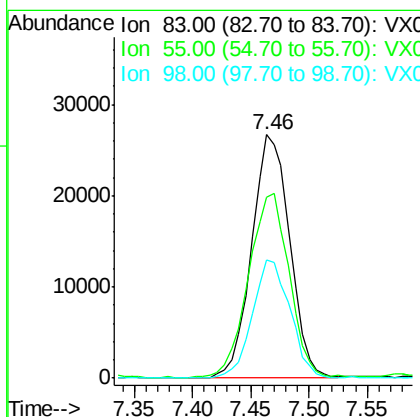
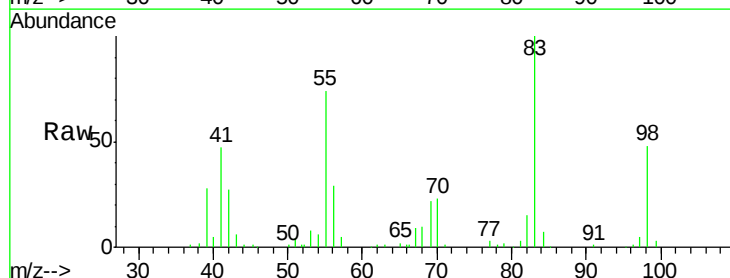
RT: 7.46 min Scan# 1128

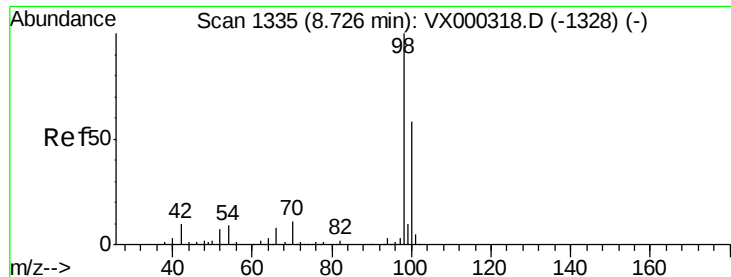
Delta R.T. -0.01 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.9	55.5	83.3
98	48.4	38.2	57.4





#50

Toluene-d8

Concen: 47.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

Tgt Ion: 98 Resp: 348493

Ion Ratio Lower Upper

98 100

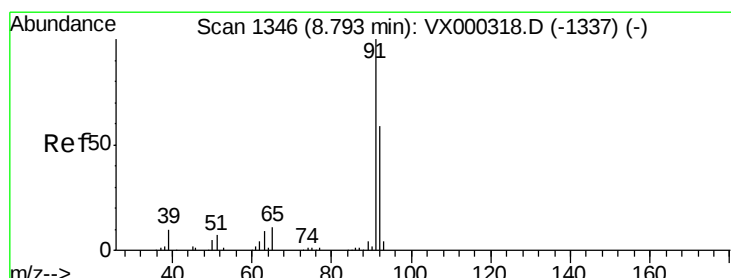
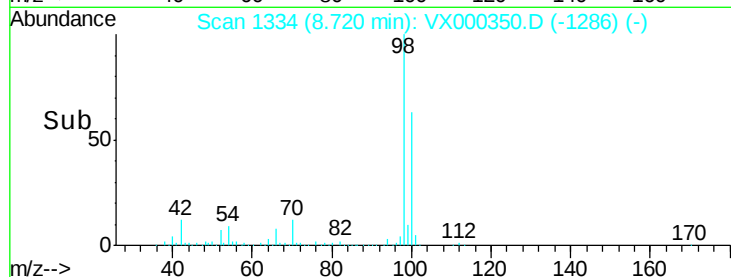
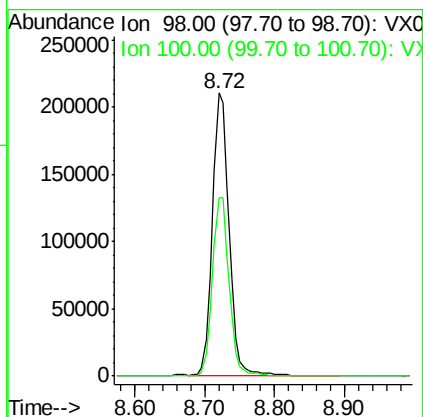
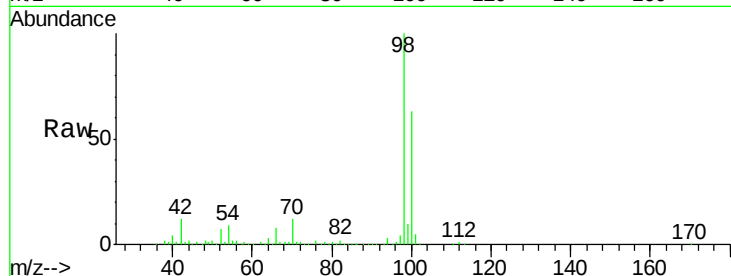
100 64.0 51.2 76.8

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#52

Toluene

Concen: 4.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000350.D

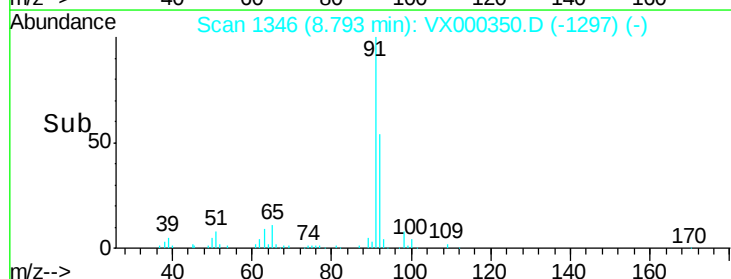
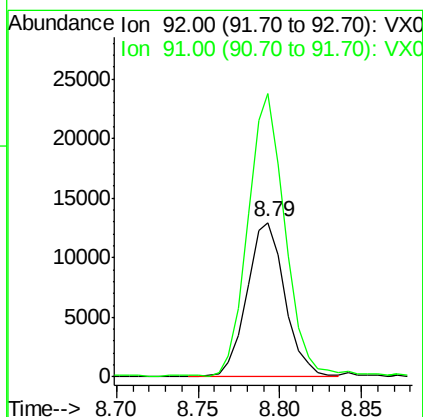
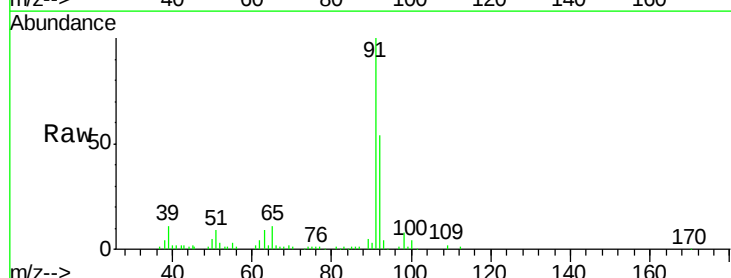
Acq: 16 Mar 2018 16:26

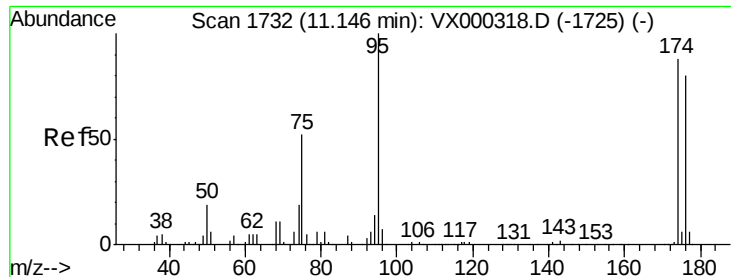
Tgt Ion: 92 Resp: 21020

Ion Ratio Lower Upper

92 100

91 181.5 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 45.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Instrument :

MSVOA_X

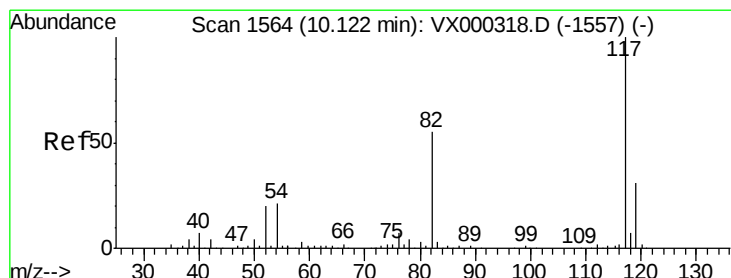
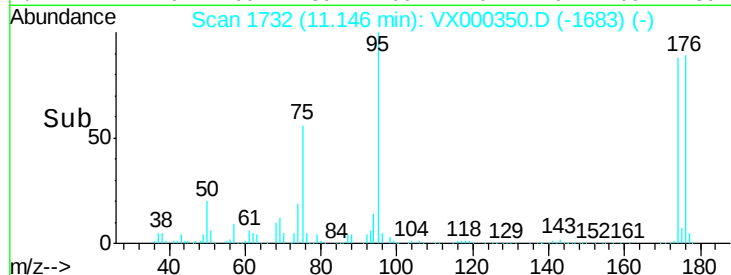
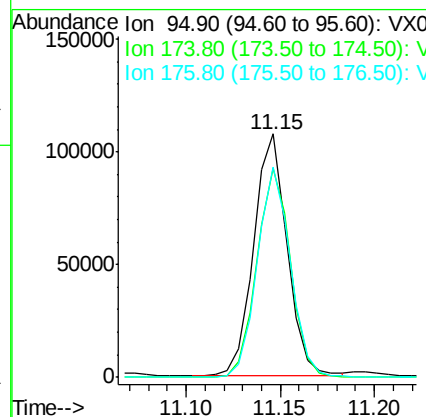
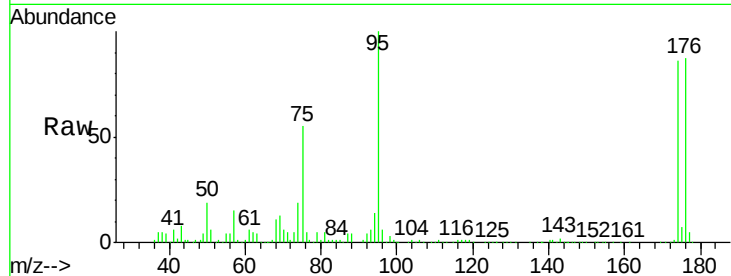
ClientSampleId :

SB-04-12-13DL

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	132576		
174	86.8	0.0	173.6	
176	86.0	0.0	164.6	

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

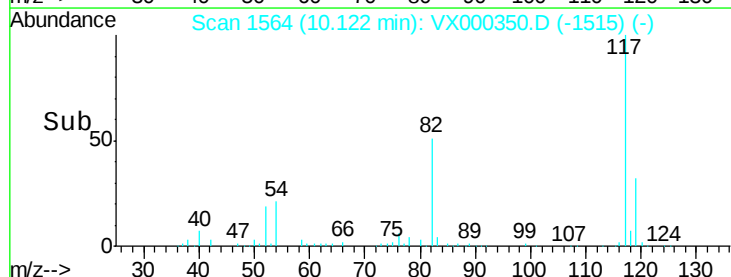
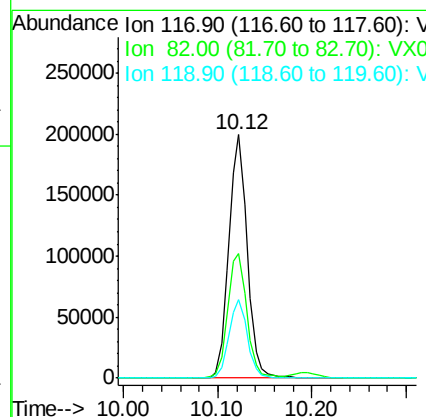
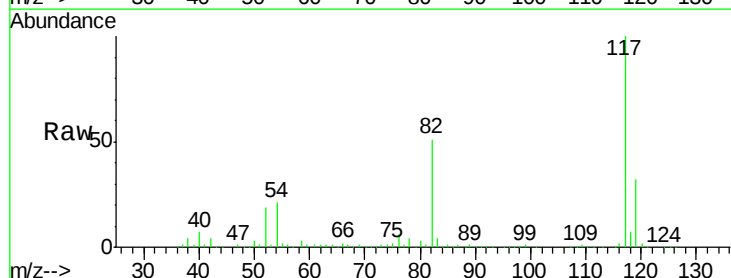
RT: 10.12 min Scan# 1564

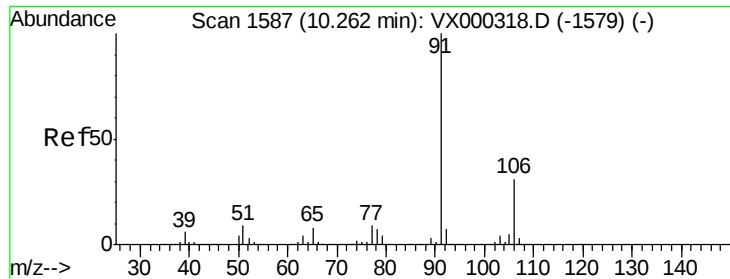
Delta R.T. 0.00 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	271178		
82	51.1	43.8	65.8	
119	32.1	24.9	37.3	





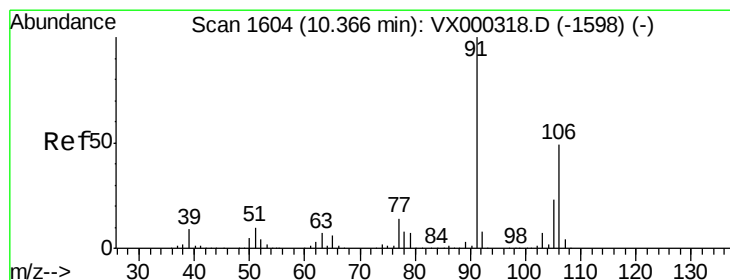
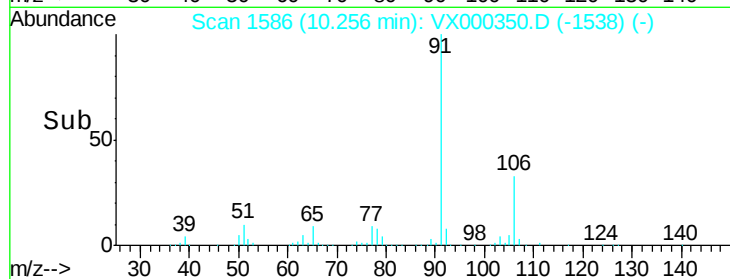
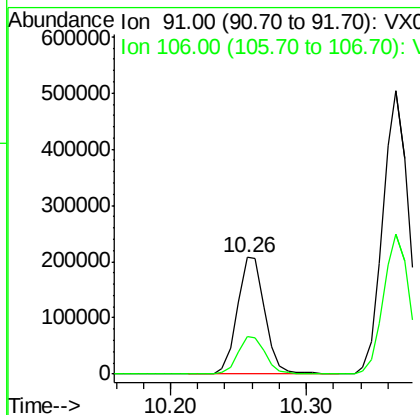
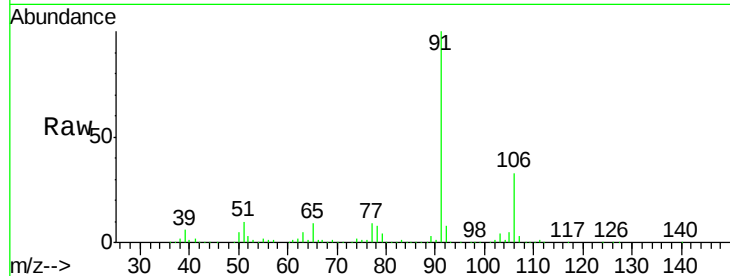
#67
Ethyl Benzene
Concen: 30.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000350.D
Acq: 16 Mar 2018 16:26

Instrument :
MSVOA_X
ClientSampled :
SB-04-12-13DL

Tgt Ion: 91 Resp: 291741
Ion Ratio Lower Upper
91 100
106 32.7 25.0 37.6

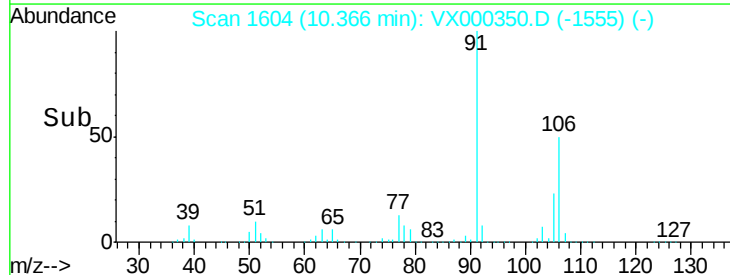
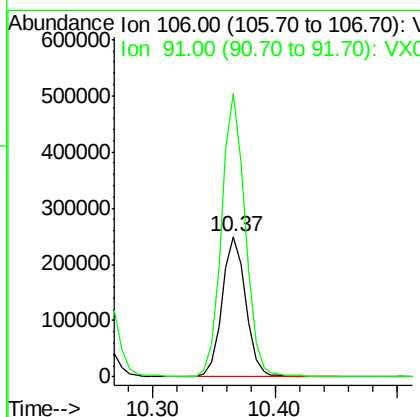
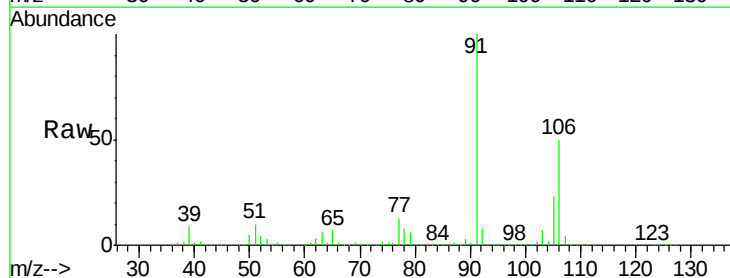
Manual Integrations
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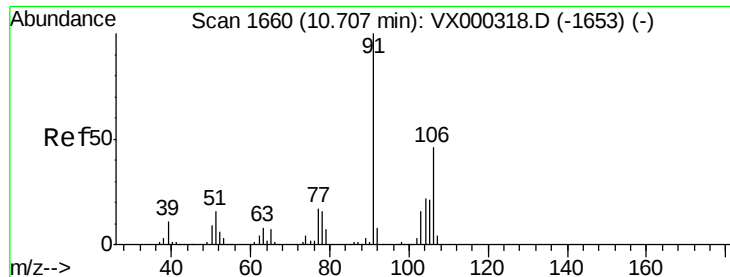
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#68
m/p-Xylenes
Concen: 91.33 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000350.D
Acq: 16 Mar 2018 16:26

Tgt Ion: 106 Resp: 335004
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.2





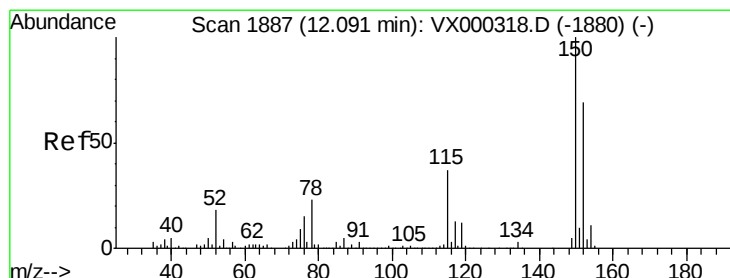
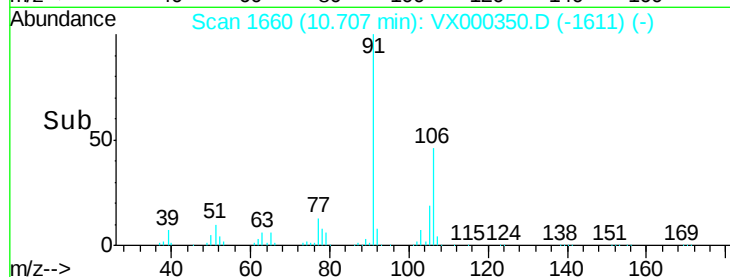
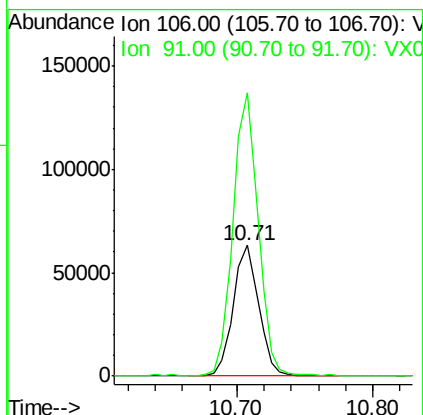
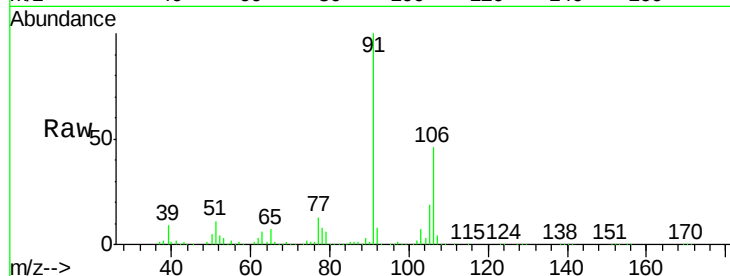
#69
o-Xylene
Concen: 23.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000350.D
Acq: 16 Mar 2018 16:26

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

Tgt Ion:106 Resp: 82223
Ion Ratio Lower Upper
106 100
91 214.4 106.5 319.6

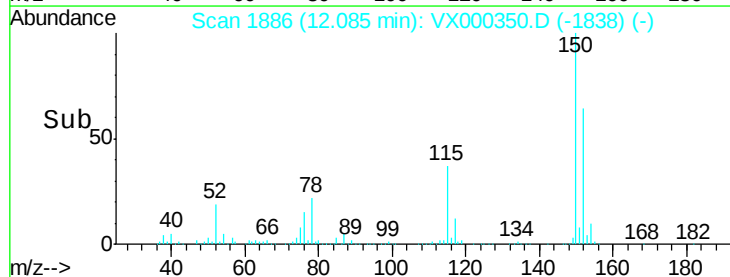
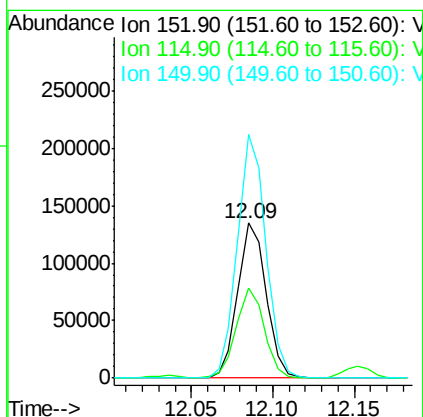
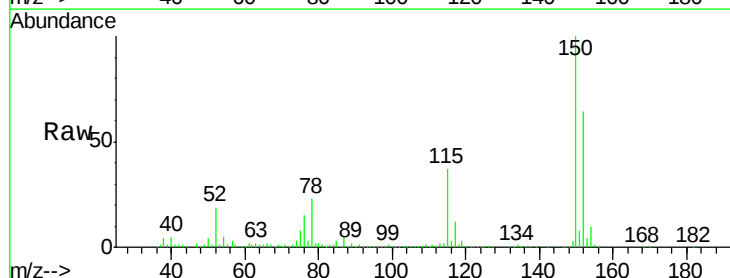
Manual Integrations
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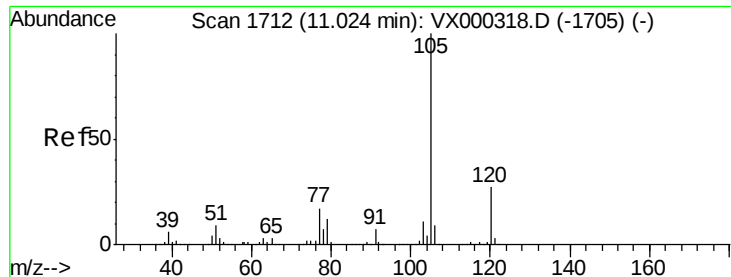
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000350.D
Acq: 16 Mar 2018 16:26

Tgt Ion:152 Resp: 164759
Ion Ratio Lower Upper
152 100
115 56.8 39.8 119.3
150 156.8 0.0 344.4





#73

Isopropylbenzene

Concen: 6.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

Tgt Ion: 105 Resp: 60530

Ion Ratio Lower Upper

105 100

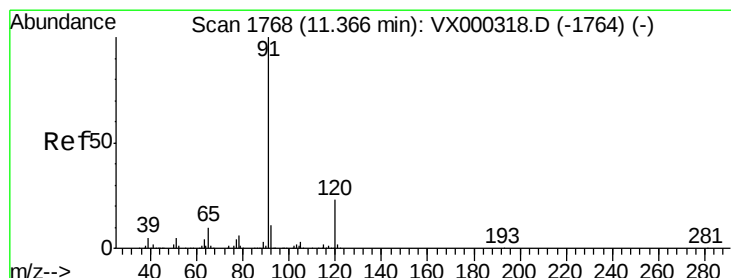
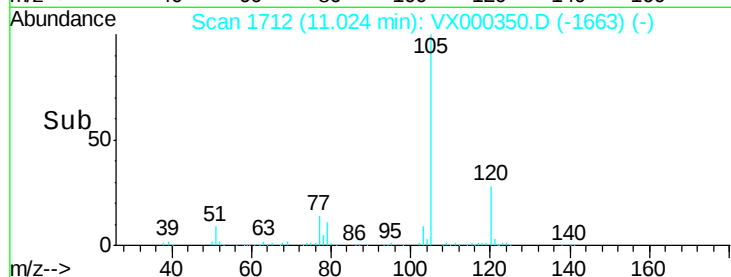
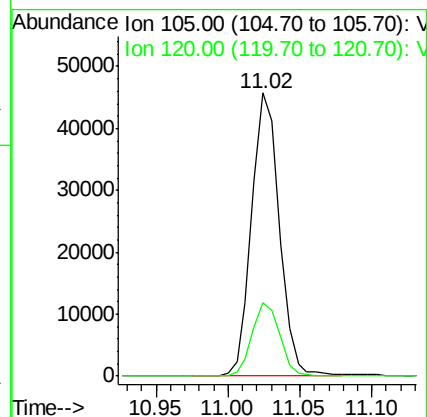
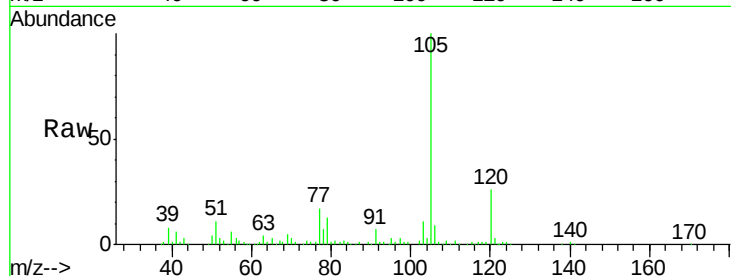
120 26.4 13.6 40.7

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#78

n-propylbenzene

Concen: 23.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000350.D

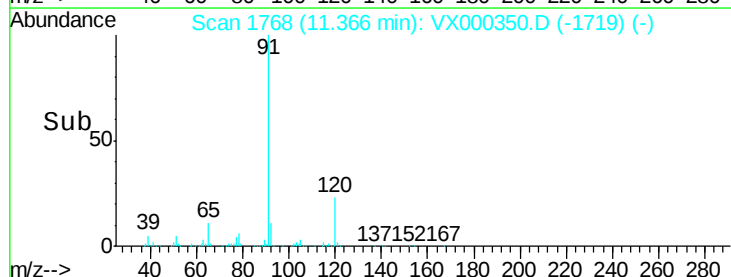
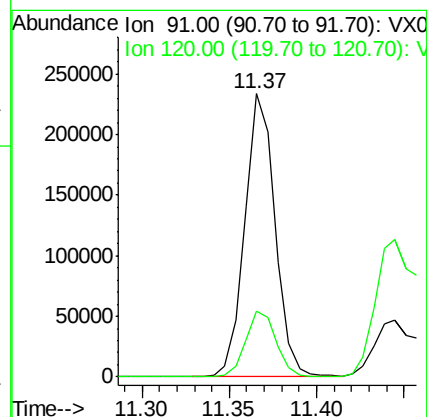
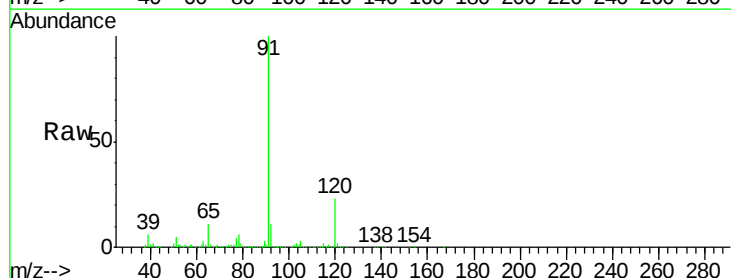
Acq: 16 Mar 2018 16:26

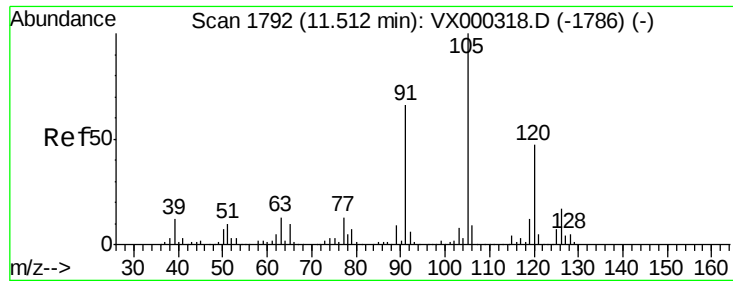
Tgt Ion: 91 Resp: 280238

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.3





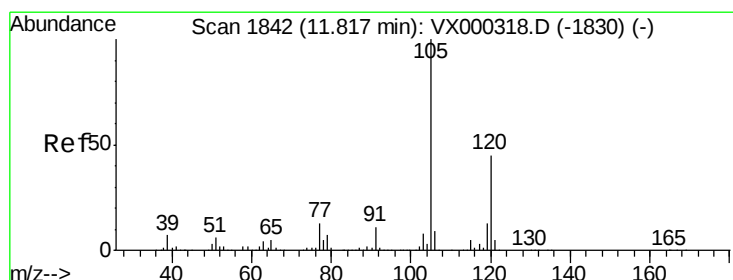
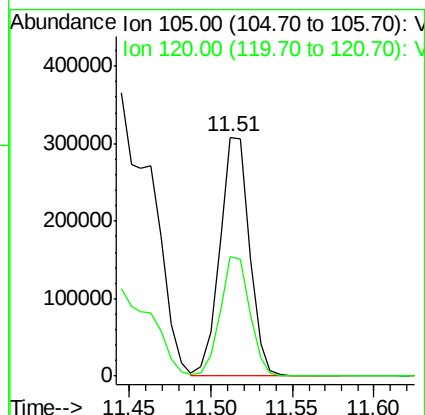
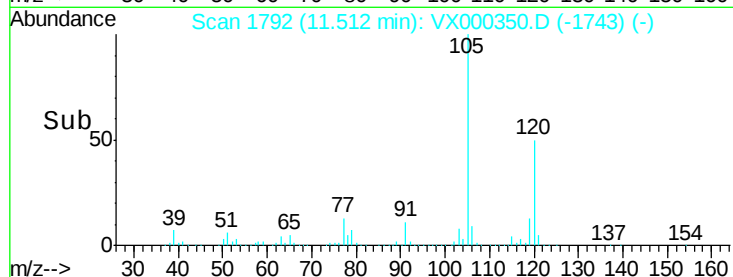
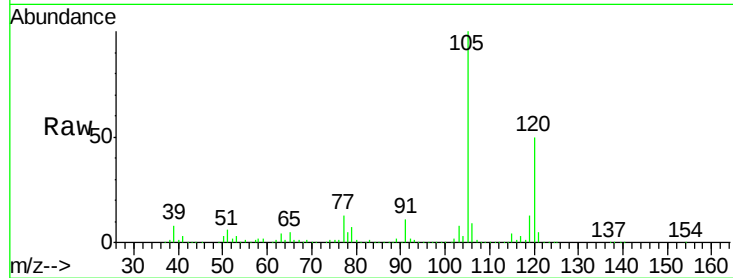
#80
 1,3,5-Trimethylbenzene
 Concen: 46.22 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000350.D
 Acq: 16 Mar 2018 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13DL

Tgt Ion:105 Resp: 390718
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.1 72.4

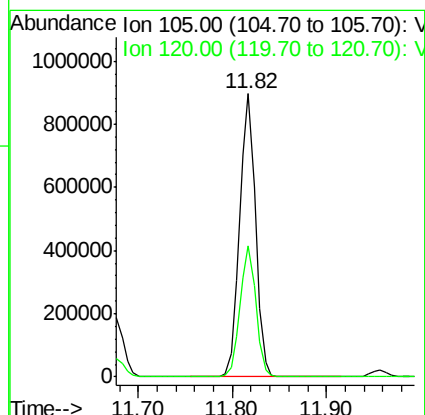
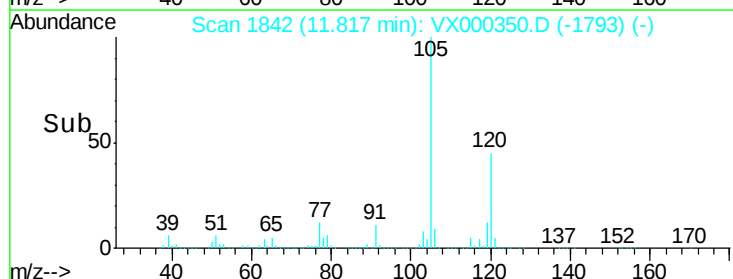
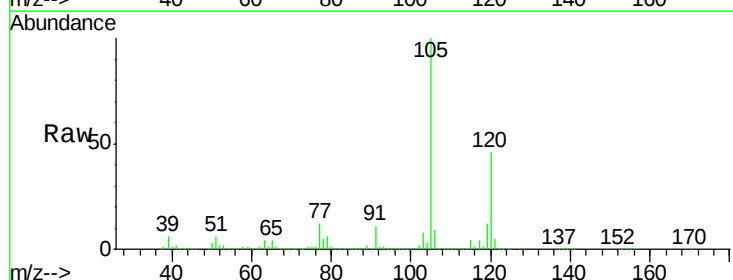
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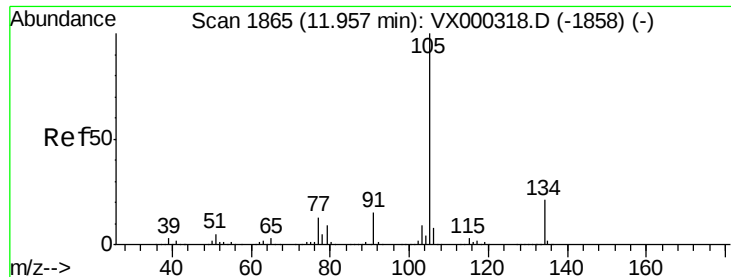
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#84
 1,2,4-Trimethylbenzene
 Concen: 120.78 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000350.D
 Acq: 16 Mar 2018 16:26

Tgt Ion:105 Resp: 1049727
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 2.76 ug/l m

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

Tgt Ion:105 Resp: 28461

Ion Ratio Lower Upper

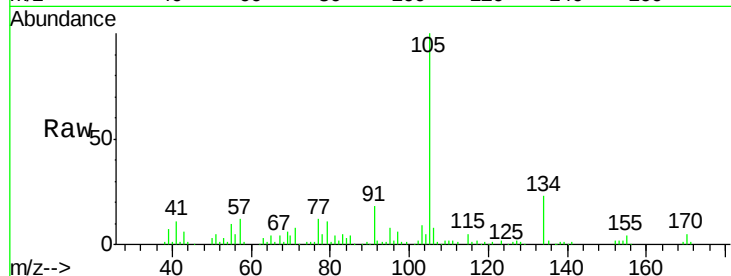
105 100

134 0.0 10.3 30.8#

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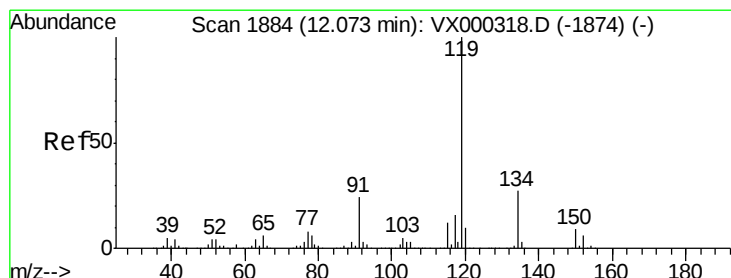
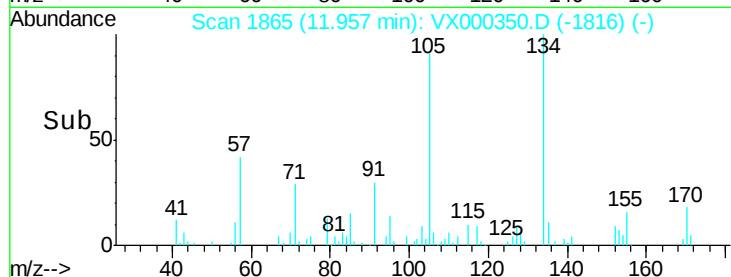
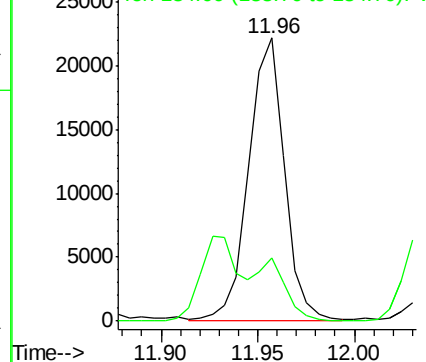
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.44 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000350.D

Acq: 16 Mar 2018 16:26

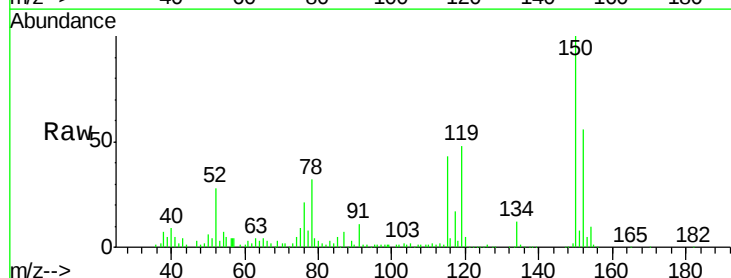
Tgt Ion:119 Resp: 22446

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

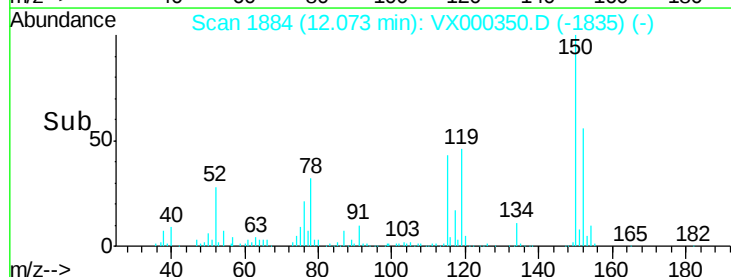
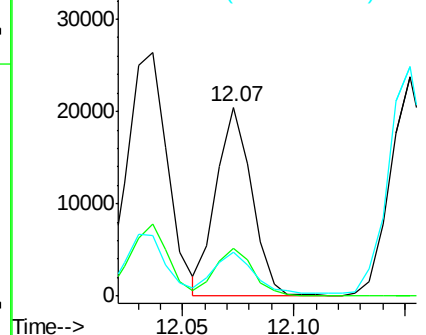
91 24.3 12.0 36.1

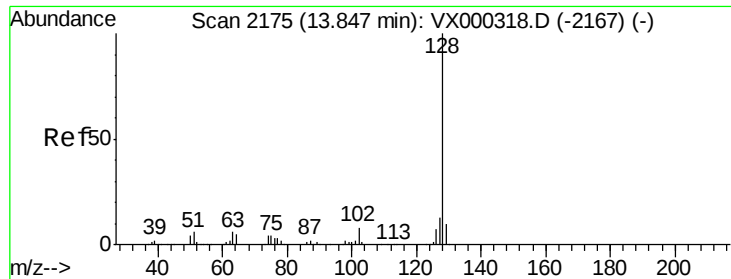


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#95
Naphthalene
Concen: 17.81 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000350.D
Acq: 16 Mar 2018 16:26

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	220386		
127	13.1		10.6	15.8
129	11.7		8.9	13.3

Manual Integrations
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