

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002169.D
 Acq On : 31 May 2018 06:36
 Operator : JC/MD
 Sample : J3185-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Manual Integrations
 APPROVED

MMDadoda
 5/31/2018 3:07:51 PM

Quant Time: May 31 07:31:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165036	35.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.92%	
35) Dibromofluoromethane	5.51	113	121937	33.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.08%	
50) Toluene-d8	8.72	98	496331	37.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.42%	
62) 4-Bromofluorobenzene	11.14	95	173164	33.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.26%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.08	59	5041	5.60	ug/l	96
16) Acetone	2.45	43	6129	3.46	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	15973	1.42	ug/l	96
31) Cyclohexane	5.58	56	10503	1.66	ug/l	98
39) Methylcyclohexane	7.46	83	12278	1.98	ug/l	92
67) Ethyl Benzene	10.26	91	15232	0.86	ug/l	93
68) m/p-Xylenes	10.36	106	1691	0.25	ug/l	80
73) Isopropylbenzene	11.02	105	51542	3.47	ug/l	99
78) n-propylbenzene	11.37	91	25778	1.55	ug/l	100
83) tert-Butylbenzene	11.77	119	8237	0.66	ug/l	98
85) sec-Butylbenzene	11.95	105	19776	1.32	ug/l	93
89) n-Butylbenzene	12.39	91	5500m	0.48	ug/l	

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

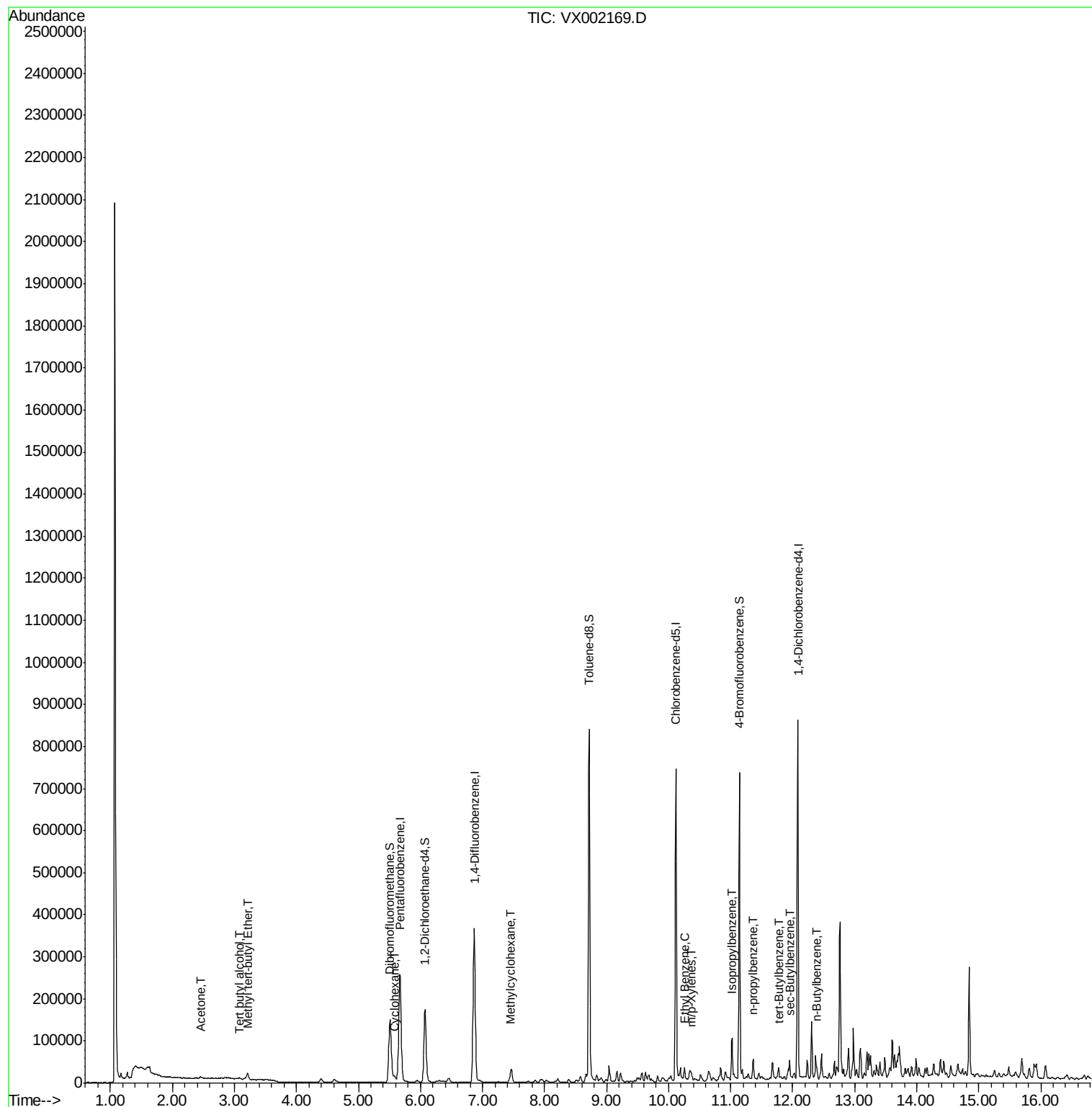
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
Data File : VX002169.D
Acq On : 31 May 2018 06:36
Operator : JC/MD
Sample : J3185-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

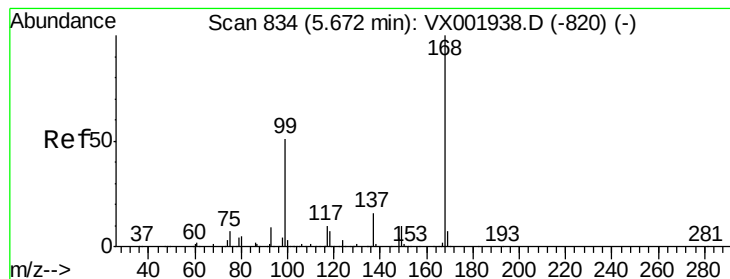
Instrument :
MSVOA_X
ClientSampleId :
MW-10

Manual Integrations
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5/31/2018 3:07:51 PM

Quant Time: May 31 07:31:10 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002169.D

Acq: 31 May 2018 06:36

Instrument :

MSVOA_X

ClientSampled :

MW-10

Tot Ion:168 Resp: 256723

Ion Ratio Lower Upper

168 100

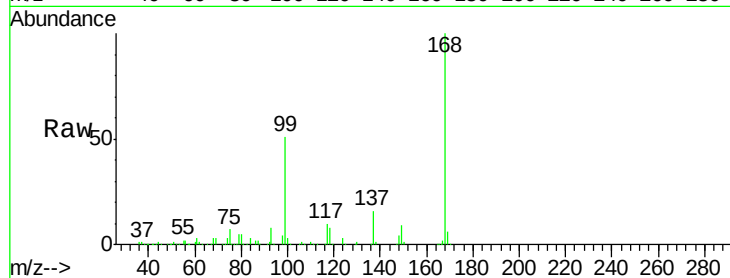
99 51.2 41.0 61.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

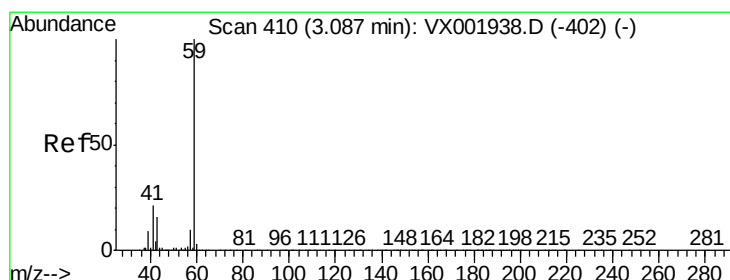
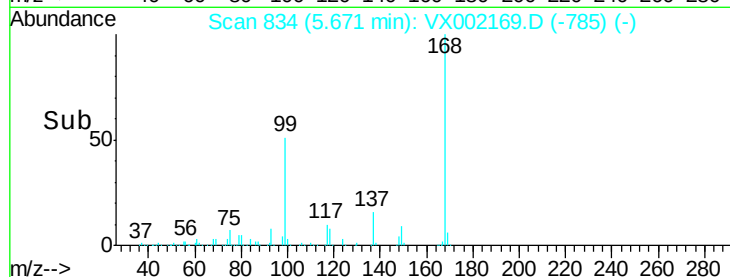
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#11

Tert butyl alcohol

Concen: 5.60 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX002169.D

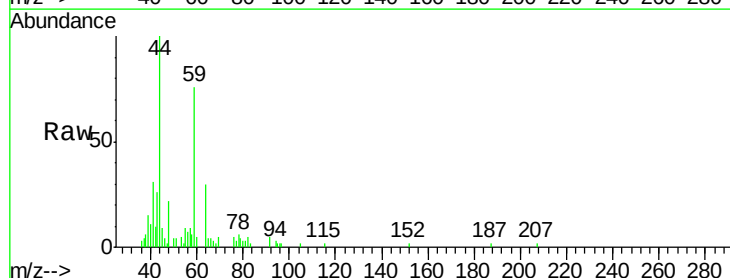
Acq: 31 May 2018 06:36

Tgt Ion: 59 Resp: 5041

Ion Ratio Lower Upper

59 100

57 12.5 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

2500

2000

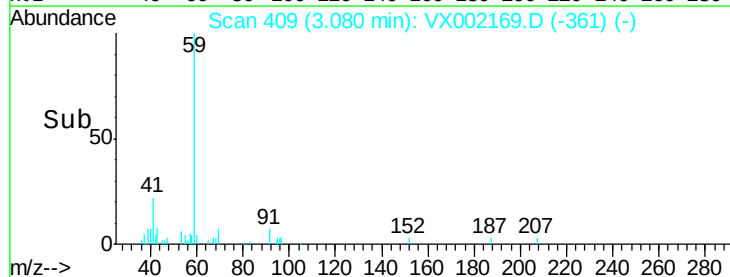
1500

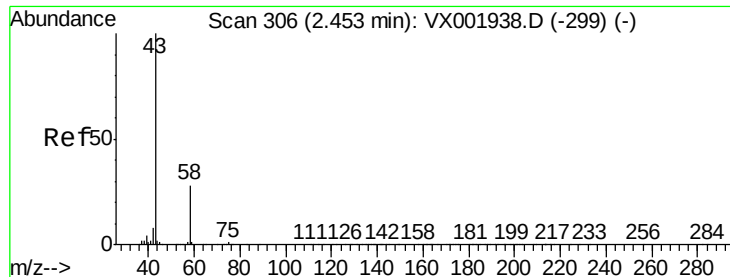
1000

500

0

Time--> 3.00 3.05 3.10 3.15





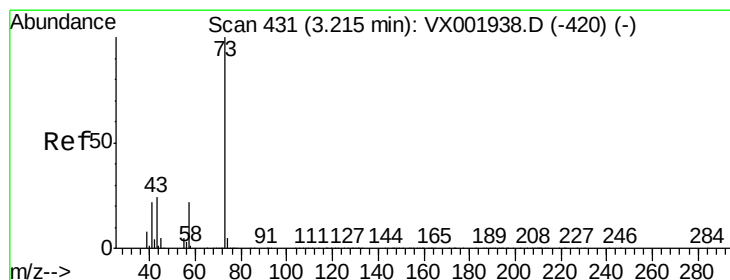
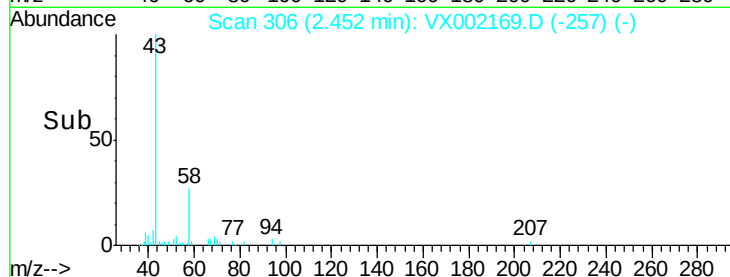
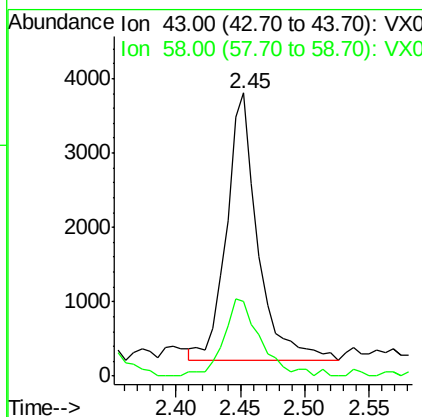
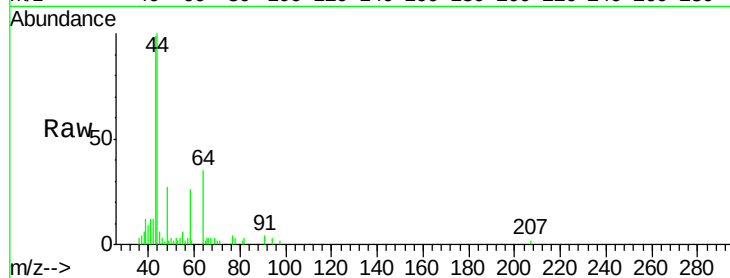
#16
Acetone
Concen: 3.46 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002169.D
Acq: 31 May 2018 06:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tot Ion: 43 Resp: 6129
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5

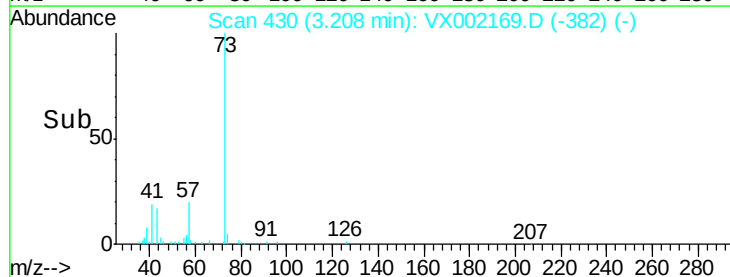
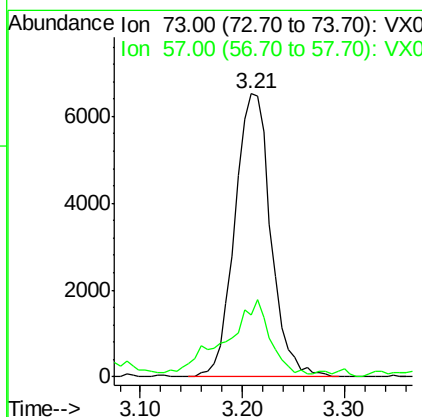
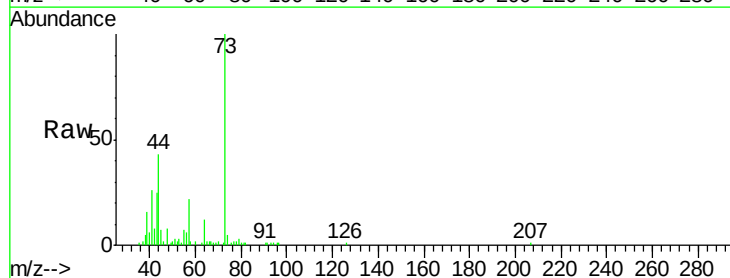
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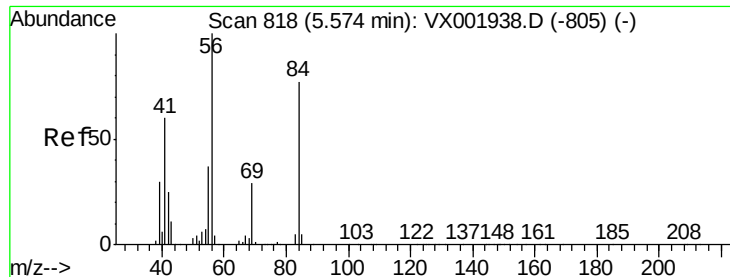
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#19
Methyl tert-butyl Ether
Concen: 1.42 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002169.D
Acq: 31 May 2018 06:36

Tgt Ion: 73 Resp: 15973
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0





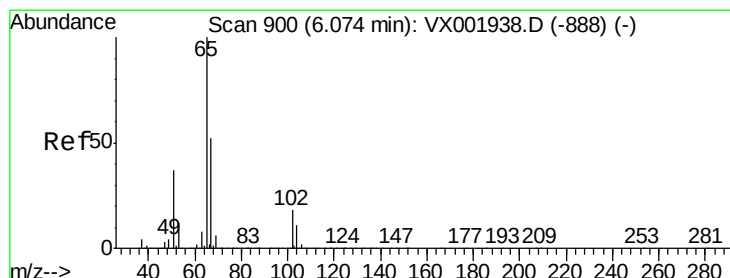
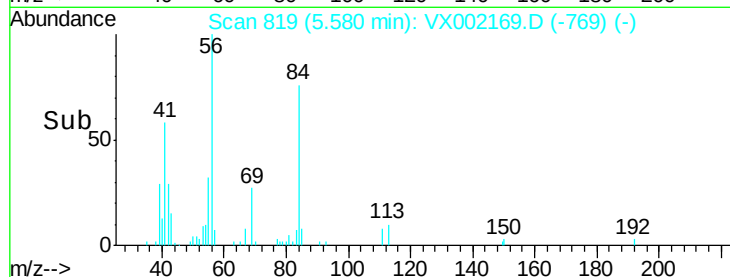
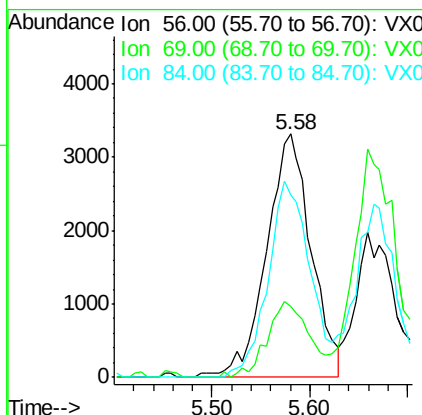
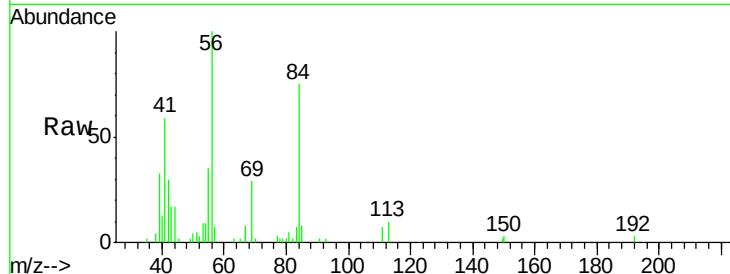
#31
Cyclohexane
Concen: 1.66 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002169.D
Acq: 31 May 2018 06:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.1	34.7
84	74.7	62.0	93.0

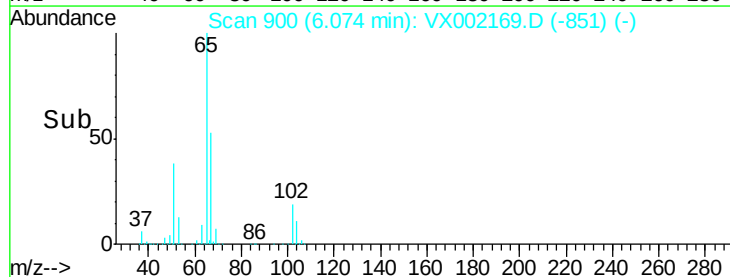
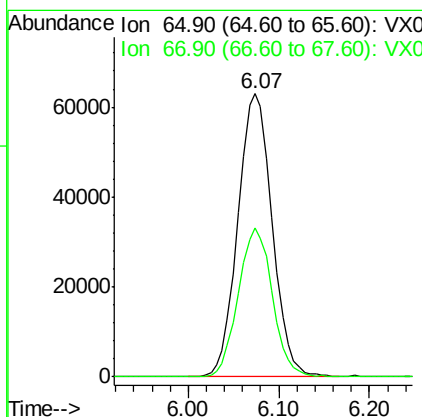
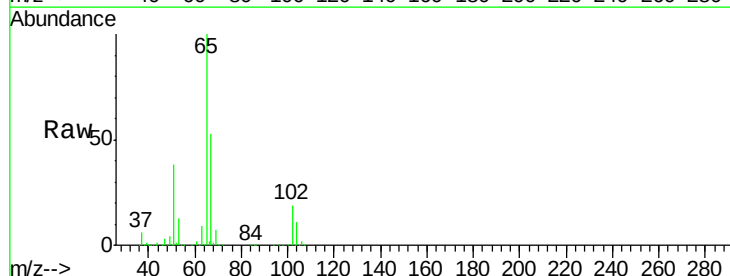
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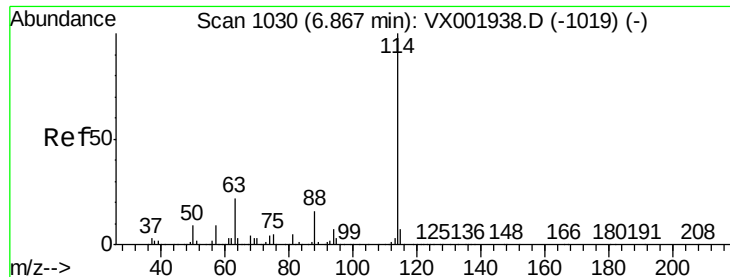
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#33
1,2-Dichloroethane-d4
Concen: 35.96 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002169.D
Acq: 31 May 2018 06:36

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002169.D

Acq: 31 May 2018 06:36

Instrument :

MSVOA_X

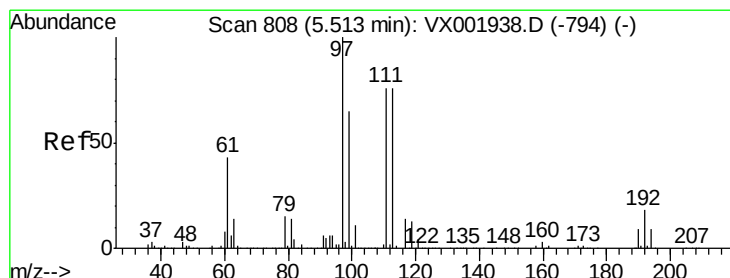
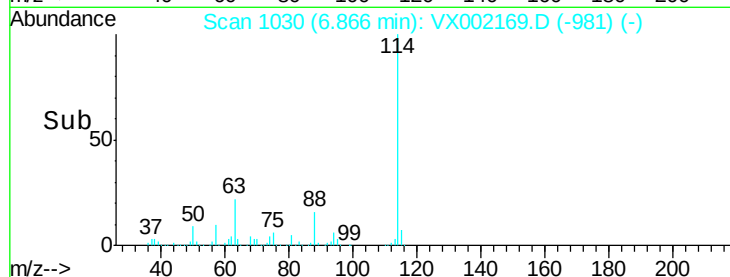
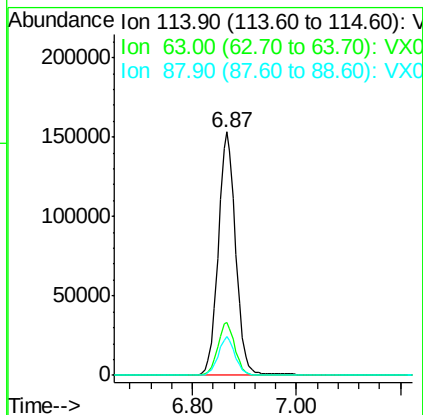
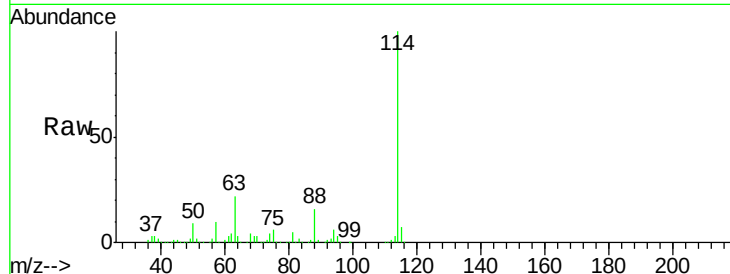
ClientSampleId :

MW-10

Tot Ion:	114	Resp:	363507
Ion Ratio		Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.1	0.0	31.6

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#35

Dibromofluoromethane

Concen: 33.54 ug/l

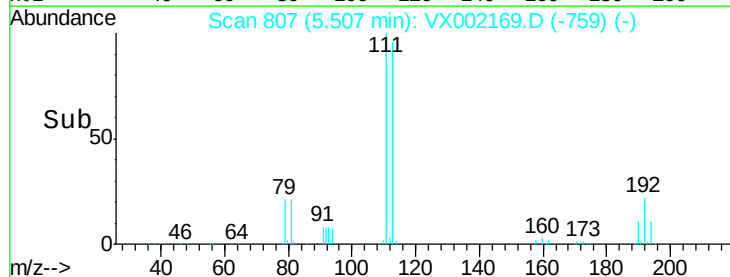
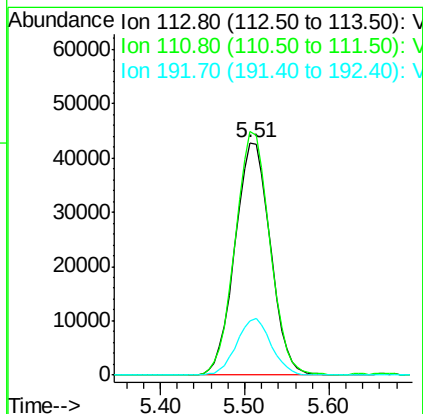
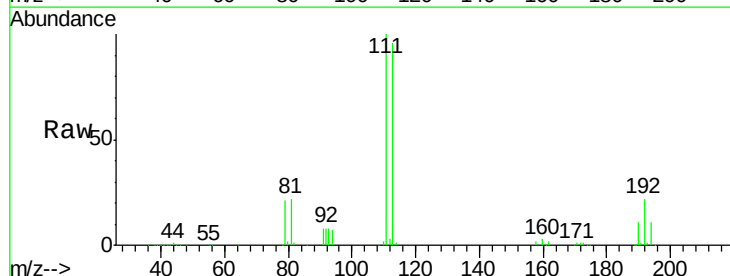
RT: 5.51 min Scan# 807

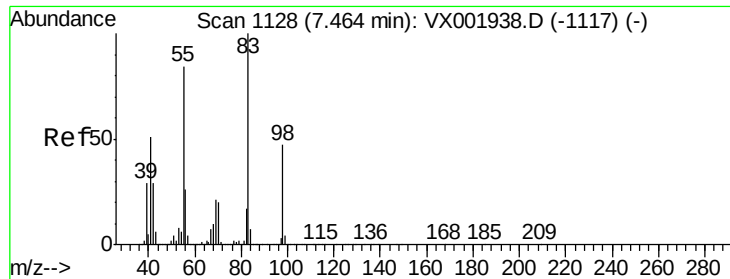
Delta R.T. -0.01 min

Lab File: VX002169.D

Acq: 31 May 2018 06:36

Tgt Ion:	113	Resp:	121937
Ion Ratio		Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.8	18.9	28.3





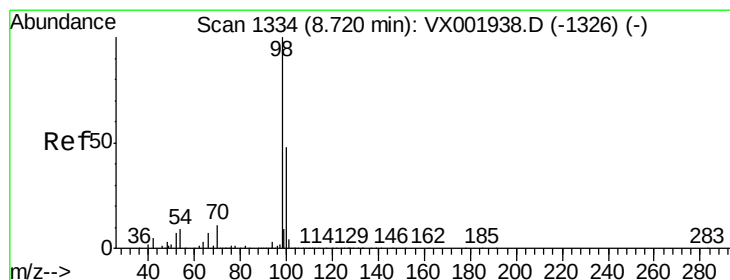
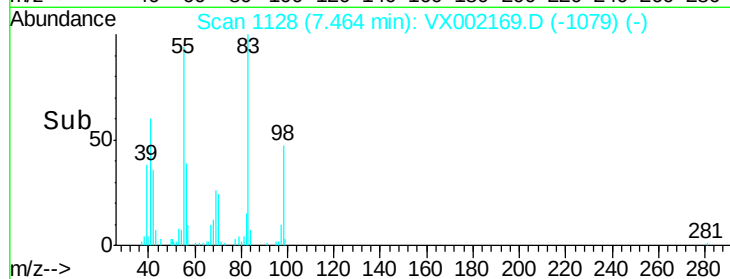
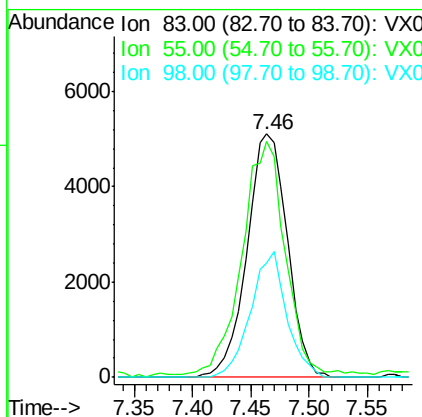
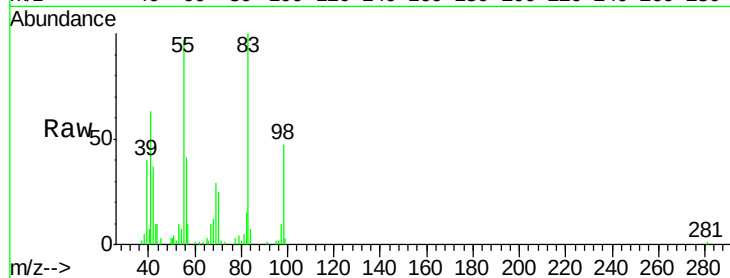
#39
Methylvlcyclohexane
Concen: 1.98 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002169.D
Acq: 31 May 2018 06:36

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tot Ion	Ratio	Lower	Upper
83	100		
55	95.0	67.3	100.9
98	46.9	37.5	56.3

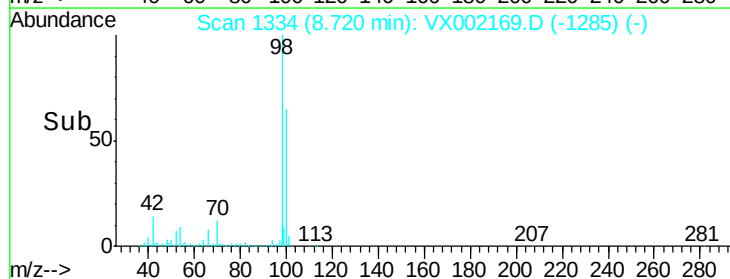
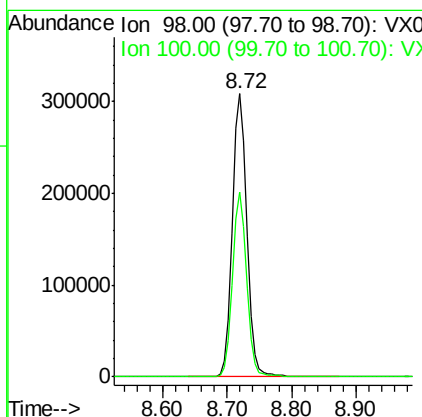
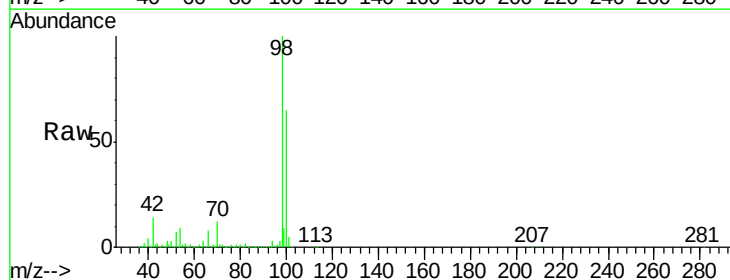
Manual Integrations
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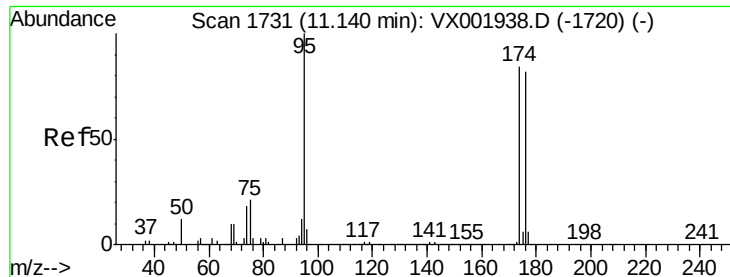
MMDadoda
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#50
Toluene-d8
Concen: 37.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002169.D
Acq: 31 May 2018 06:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3





#62

4-Bromofluorobenzene

Concen: 33.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002169.D

Acq: 31 May 2018 06:36

Instrument :

MSVOA_X

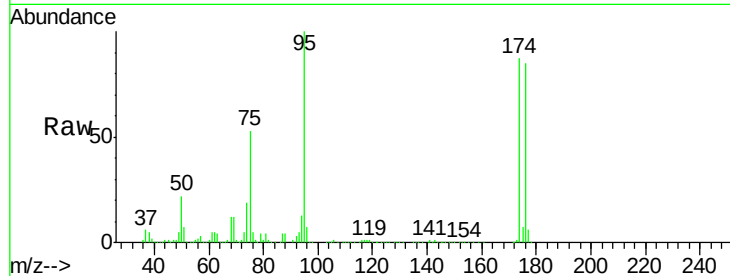
ClientSampleId :

MW-10

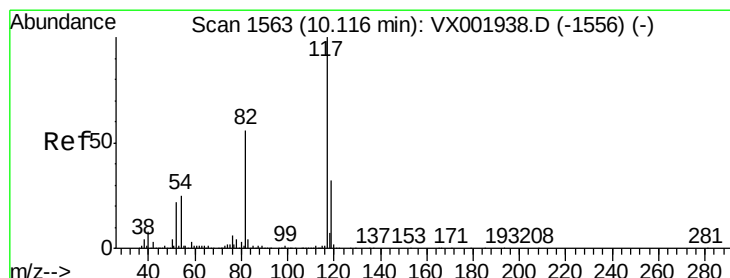
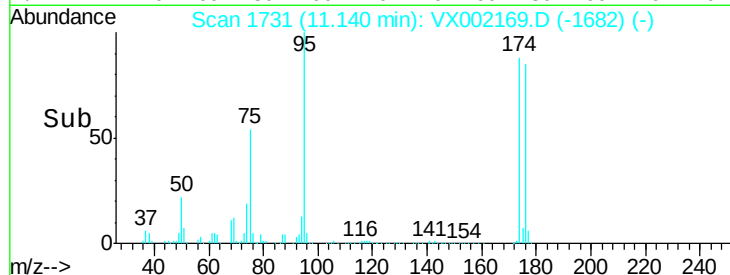
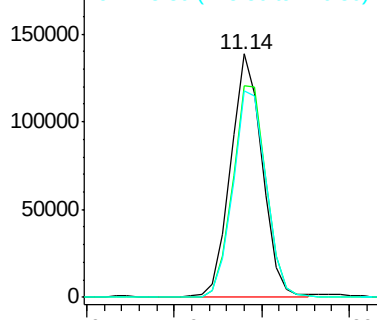
Tot Ion:	95	Resp:	173164
Ion Ratio	Lower	Upper	
95	100		
174	92.6	0.0	178.8
176	89.6	0.0	175.6

Manual Integrations
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Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

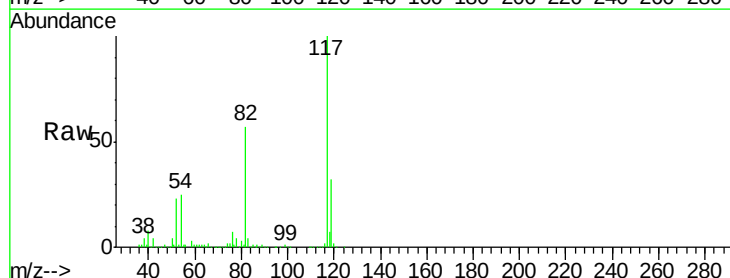
RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

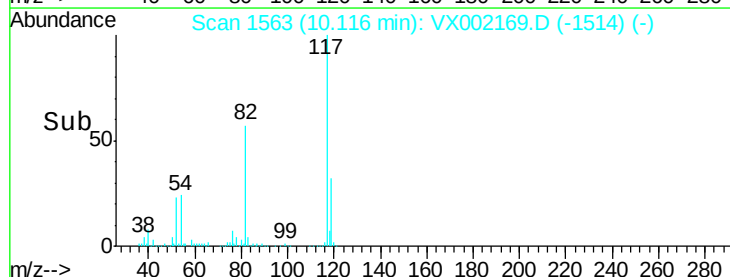
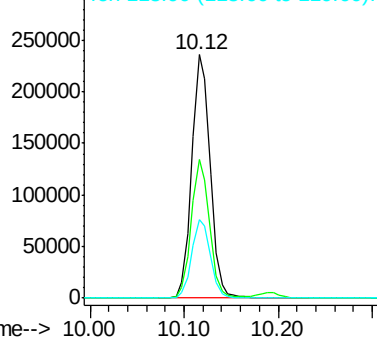
Lab File: VX002169.D

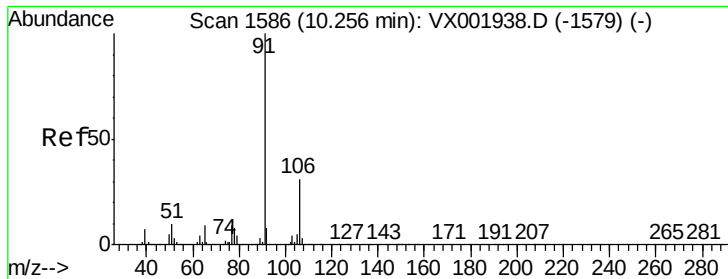
Acq: 31 May 2018 06:36

Tgt Ion:	117	Resp:	320851
Ion Ratio	Lower	Upper	
117	100		
82	56.8	44.8	67.2
119	32.0	25.5	38.3



Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)





#67

Ethyl Benzene

Concen: 0.86 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002169.D

Acq: 31 May 2018 06:36

Instrument :

MSVOA_X

ClientSampled :

MW-10

Tot Ion: 91 Resp: 15232

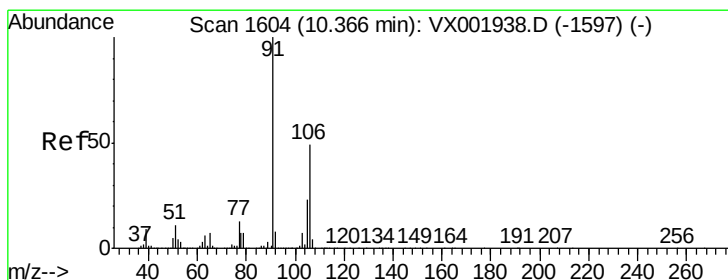
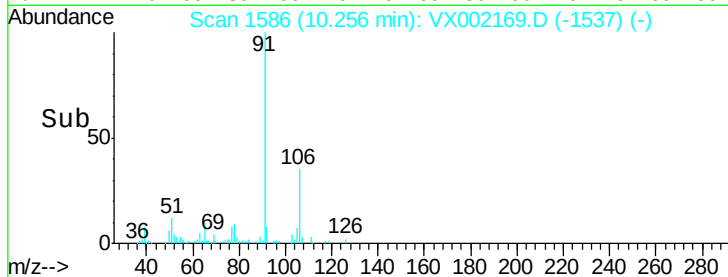
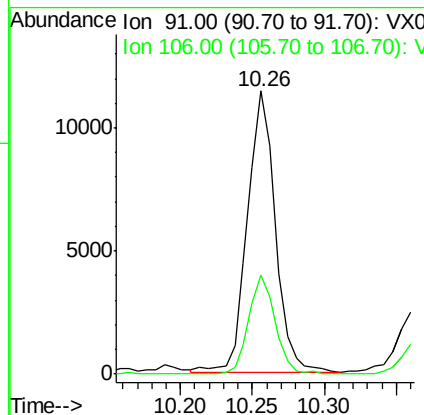
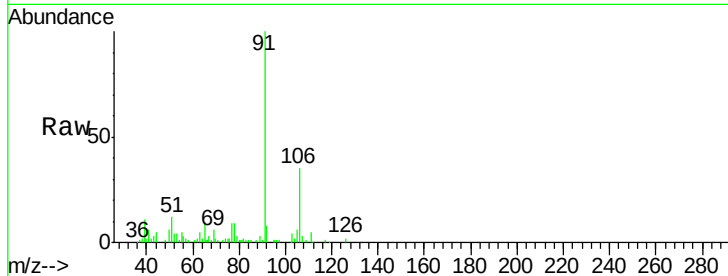
Ion Ratio Lower Upper

91 100

106 35.1 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 0.25 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002169.D

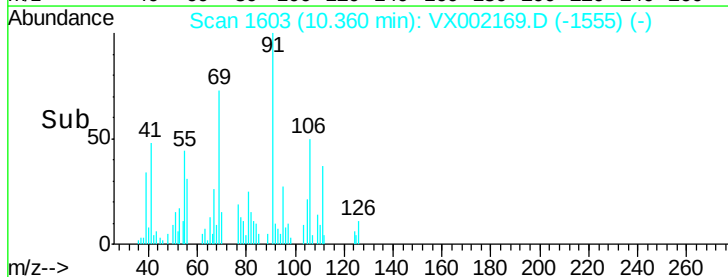
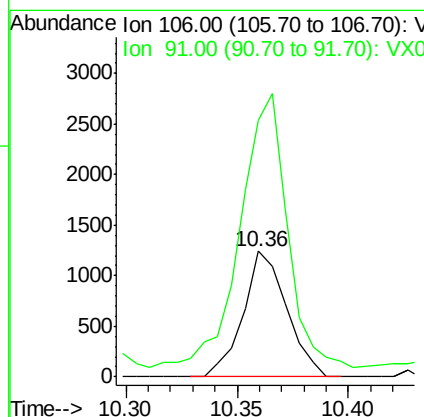
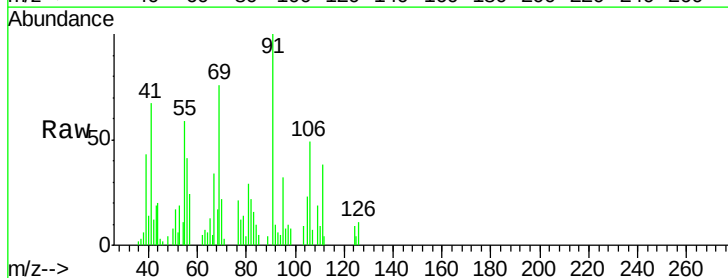
Acq: 31 May 2018 06:36

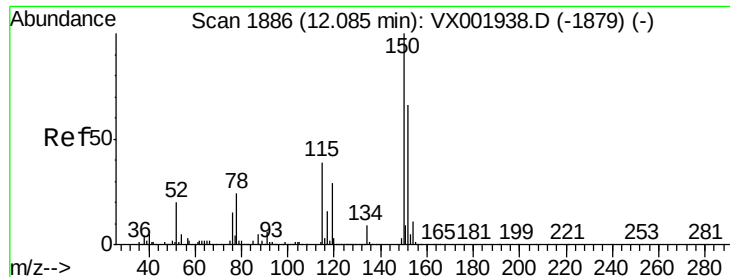
Tgt Ion: 106 Resp: 1691

Ion Ratio Lower Upper

106 100

91 236.8 165.0 247.6





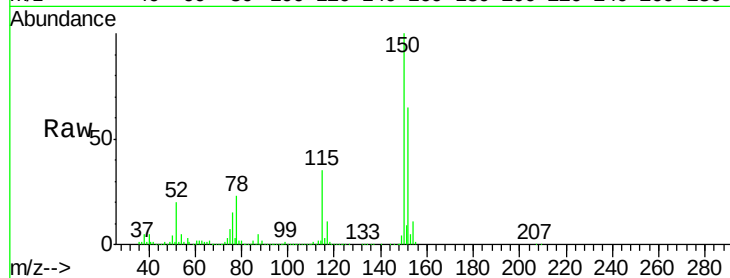
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002169.D
 Acq: 31 May 2018 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

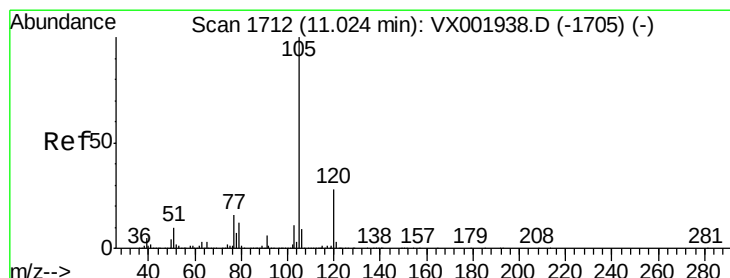
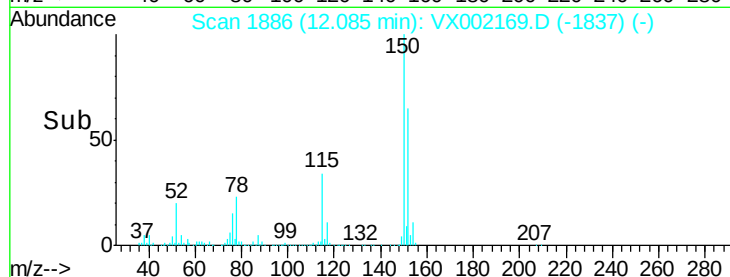
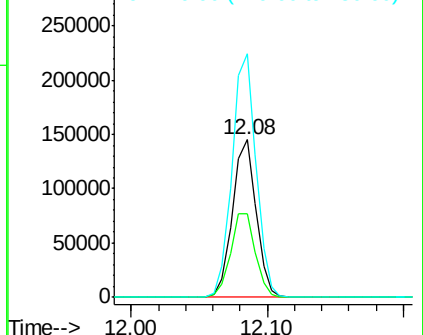
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	42.3	126.8
150	157.0	0.0	351.0

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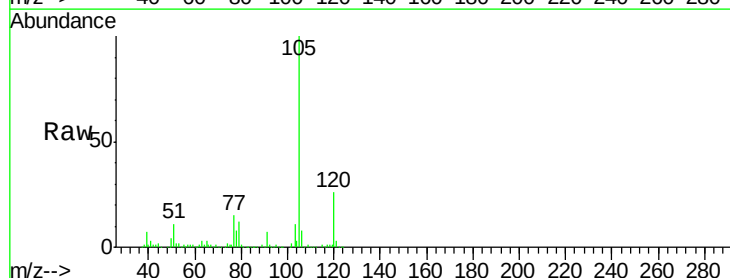


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

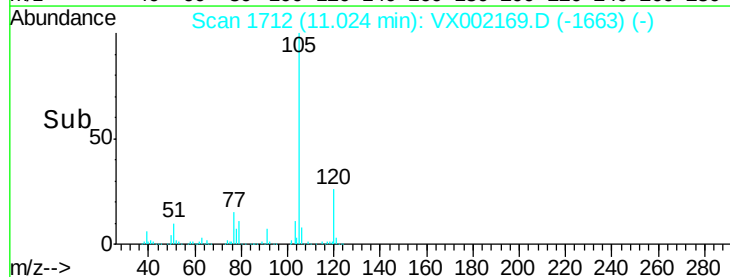
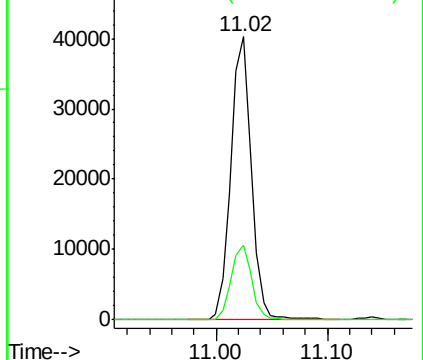


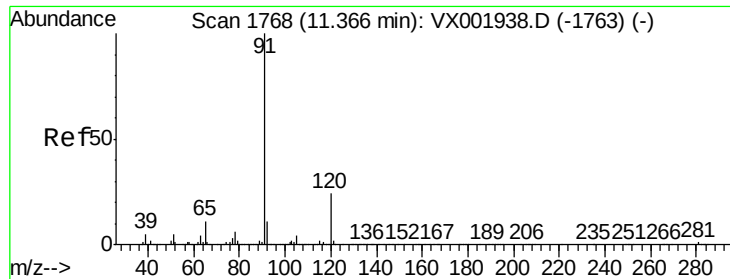
#73
 Isopropylbenzene
 Concen: 3.47 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX002169.D
 Acq: 31 May 2018 06:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.6	40.7



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





#78

n-propylbenzene

Concen: 1.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002169.D

Acq: 31 May 2018 06:36

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tot Ion: 91 Resp: 25778

Ion Ratio Lower Upper

91 100

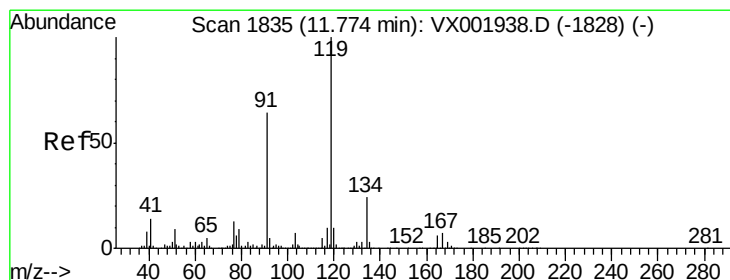
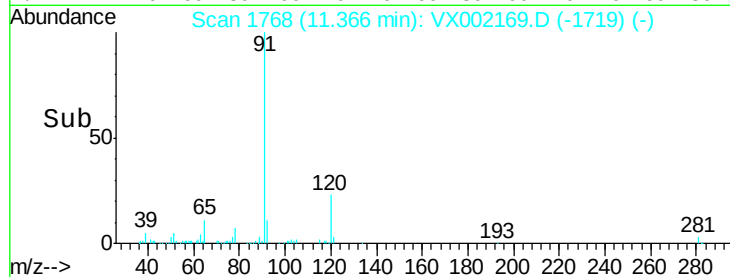
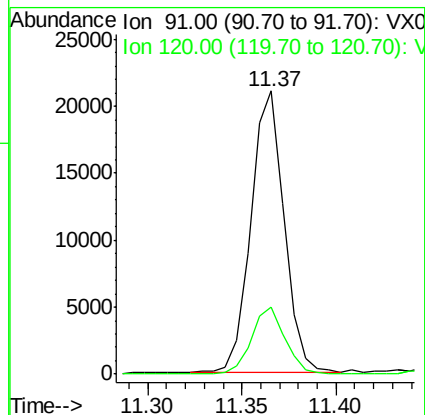
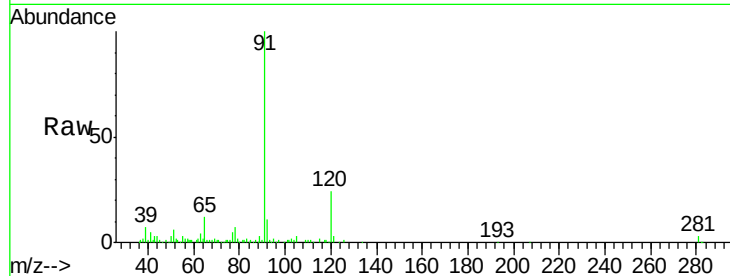
120 23.7 11.9 35.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 0.66 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002169.D

Acq: 31 May 2018 06:36

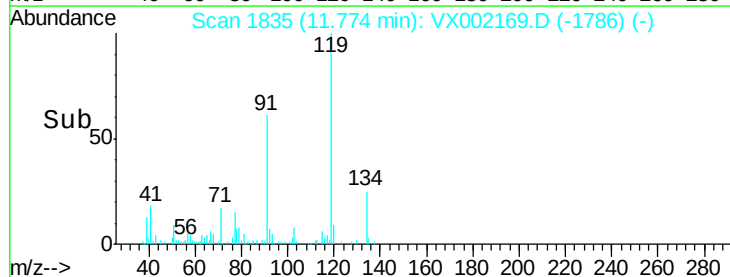
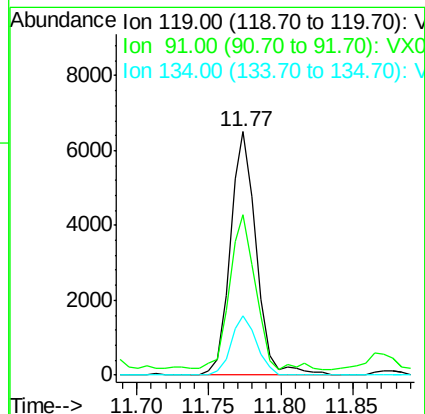
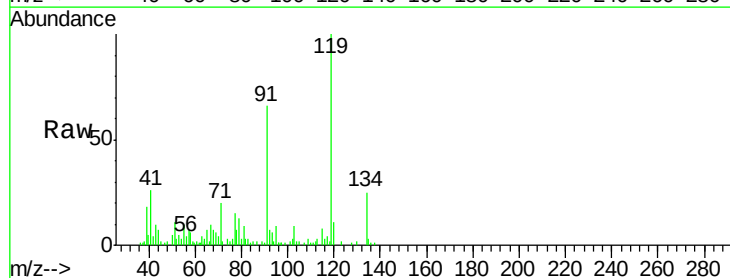
Tgt Ion: 119 Resp: 8237

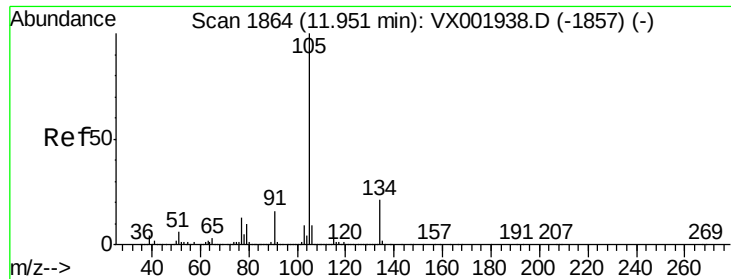
Ion Ratio Lower Upper

119 100

91 63.1 30.6 91.8

134 23.7 11.7 35.0





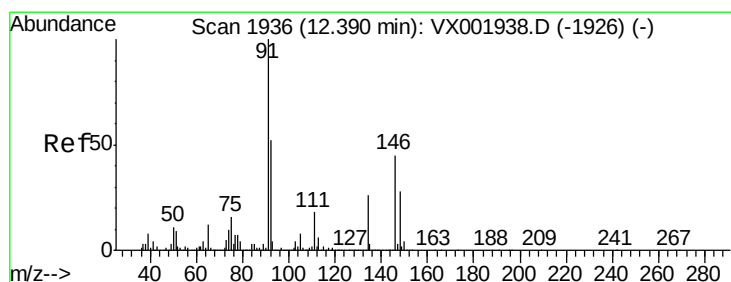
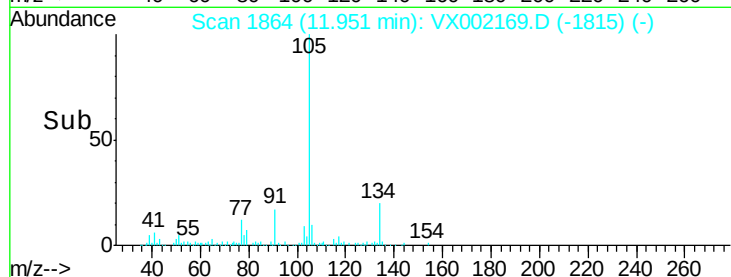
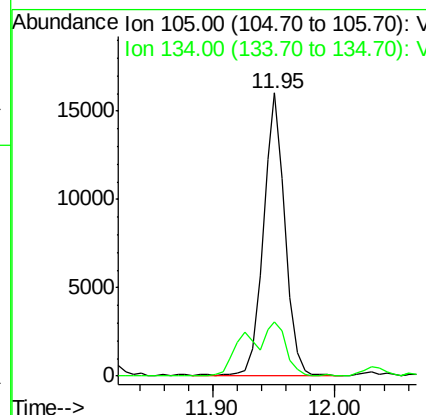
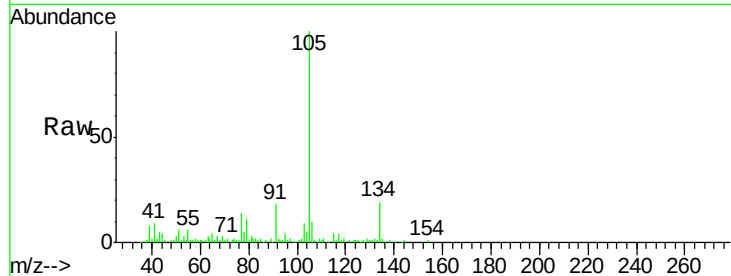
#85
 sec-Butylbenzene
 Concen: 1.32 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002169.D
 Acq: 31 May 2018 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Tot Ion	Ratio	Lower	Upper
105	100		
134	17.8	10.4	31.4

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 0.48 ug/l m
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002169.D
 Acq: 31 May 2018 06:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.3	78.9
134	108.5	13.6	40.7#

