

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001986.D
 Acq On : 25 May 2018 19:16
 Operator : JC/MD
 Sample : J3064-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:23 PM

Quant Time: May 26 03:43:39 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	319242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	481247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	249514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	291995	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	5.51	113	225426	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
50) Toluene-d8	8.72	98	818423	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	11.14	95	306172	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.08	59	14204	12.681	ug/l	98
16) Acetone	2.45	43	25281	11.479	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	19783	1.414	ug/l #	90
39) Methylcyclohexane	7.47	83	5099	0.620	ug/l #	93
73) Isopropylbenzene	11.02	105	102610	4.856	ug/l	98
78) n-propylbenzene	11.37	91	142513	6.022	ug/l	98
83) tert-Butylbenzene	11.77	119	22341	1.261	ug/l	91
85) sec-Butylbenzene	11.95	105	116081	5.450	ug/l	82
89) n-Butylbenzene	12.39	91	31356m	1.942	ug/l	

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

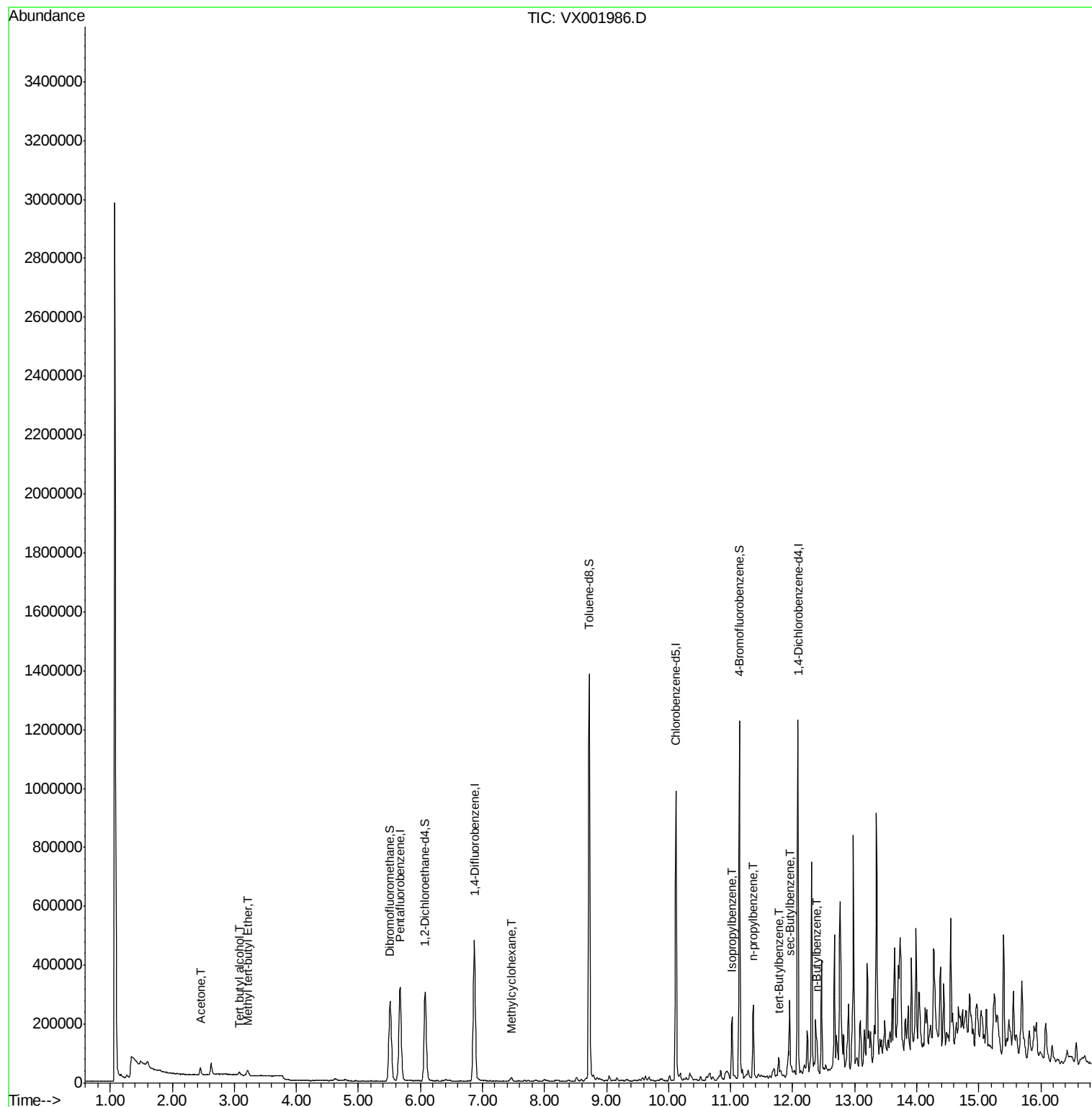
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001986.D
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Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

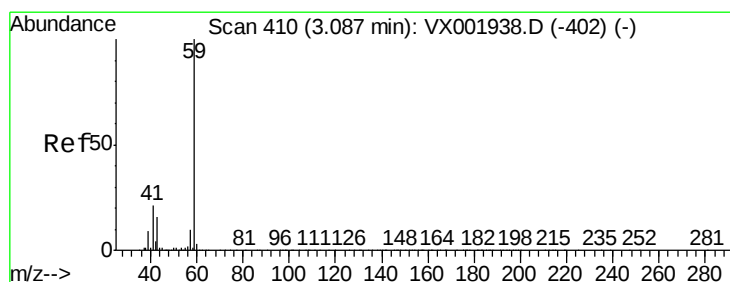
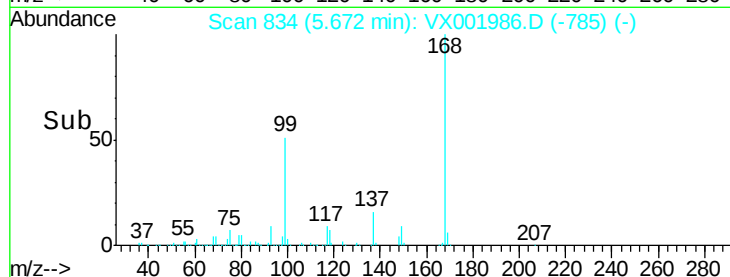
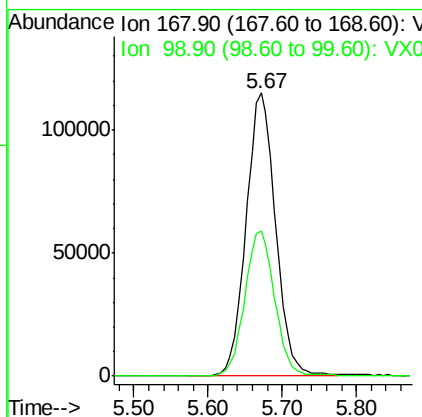
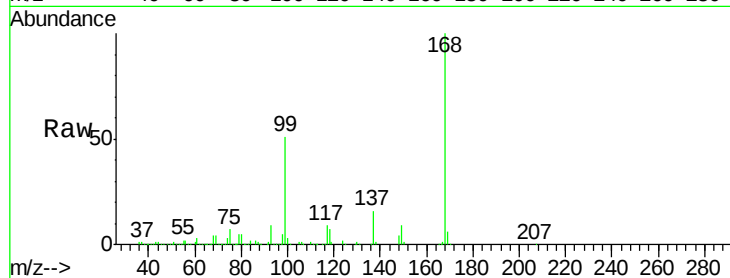
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: VX001986.D
 Acq: 25 May 2018 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Tot Ion	Ratio	Resp	Lower	Upper
168	100	319242		
99	51.1		41.0	61.4

Manual Integrations
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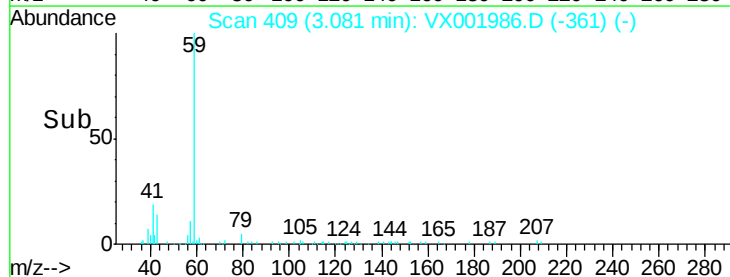
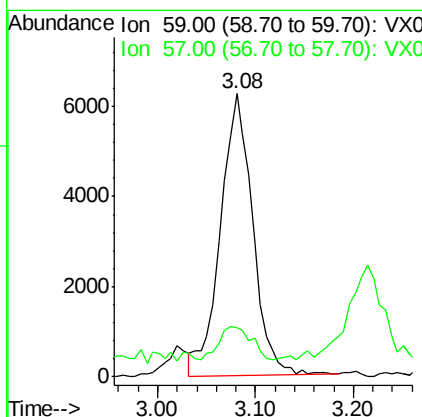
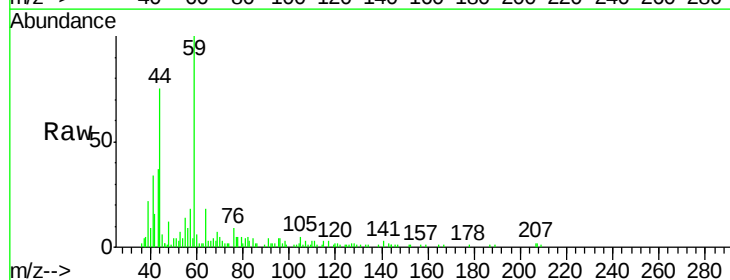
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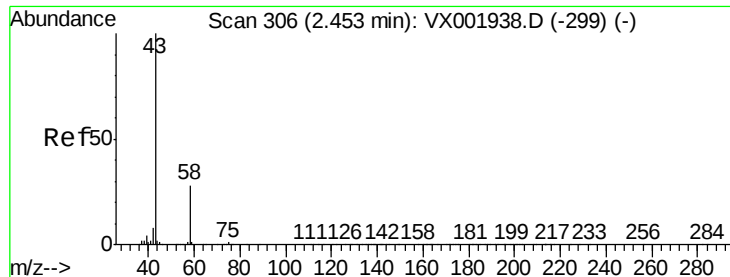


#11

Tert butyl alcohol
 Concen: 12.681 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001986.D
 Acq: 25 May 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	14204		
57	12.0		8.9	13.3





#16

Acetone

Concen: 11.479 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001986.D

Acq: 25 May 2018 19:16

Instrument :

MSVOA_X

ClientSampled :

MW-16

Tot Ion: 43 Resp: 25281

Ion Ratio Lower Upper

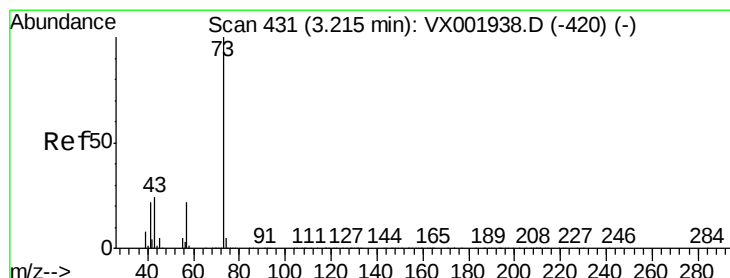
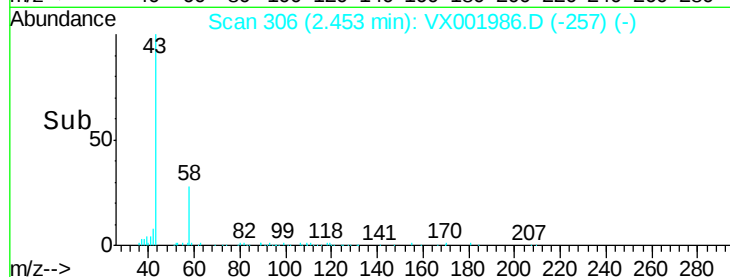
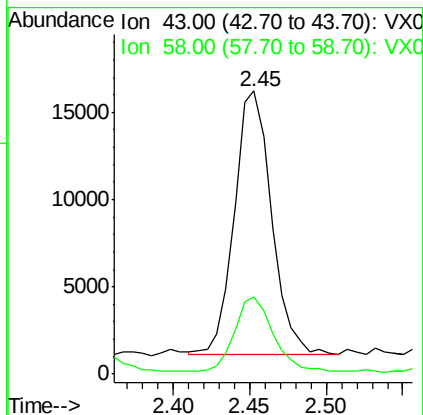
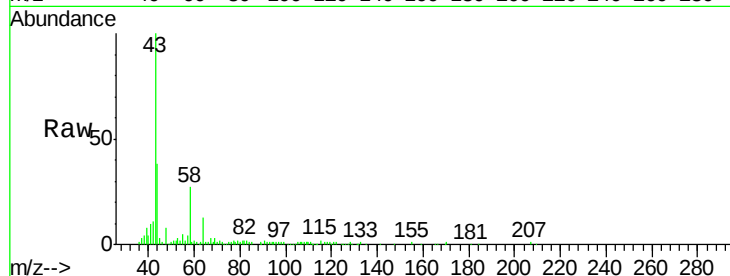
43 100

58 28.0 22.3 33.5

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#19

Methyl tert-butyl Ether

Concen: 1.414 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001986.D

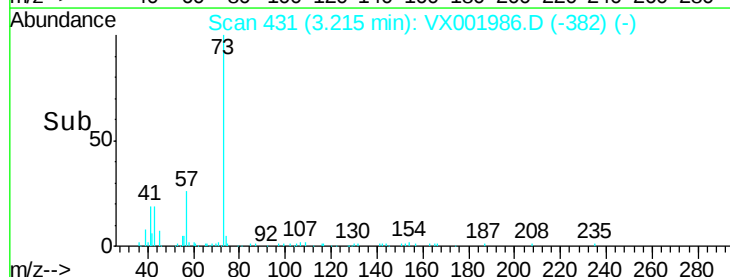
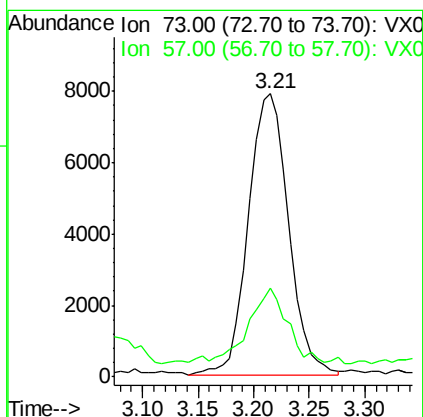
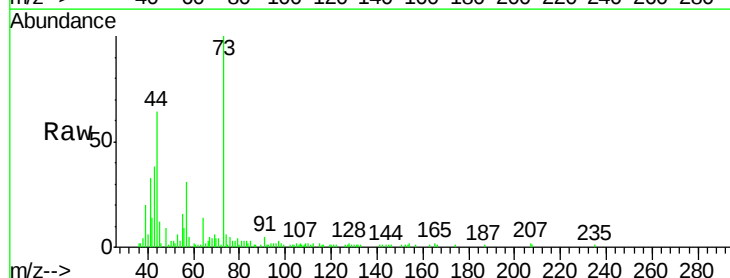
Acq: 25 May 2018 19:16

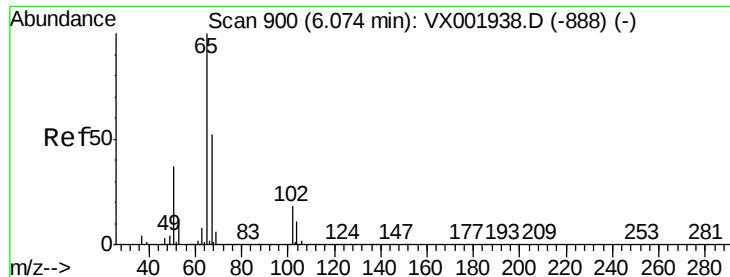
Tgt Ion: 73 Resp: 19783

Ion Ratio Lower Upper

73 100

57 26.5 17.4 26.0#





#33

1,2-Dichloroethane-d4

Concen: 51.169 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001986.D

Acq: 25 May 2018 19:16

Instrument :

MSVOA_X

ClientSampled :

MW-16

Tot Ion: 65 Resp: 291995

Ion Ratio Lower Upper

65 100

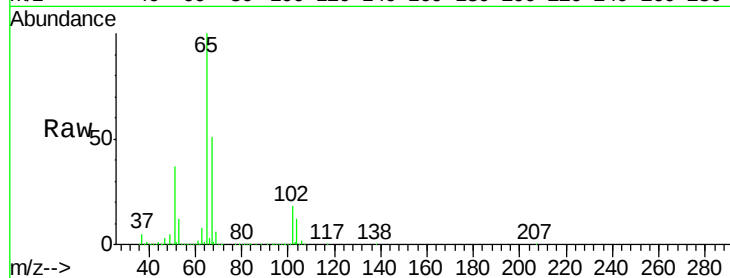
67 51.9 0.0 104.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

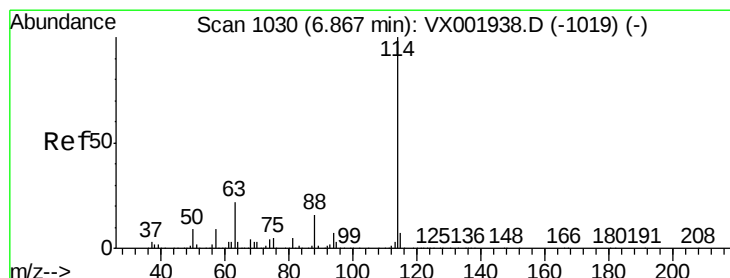
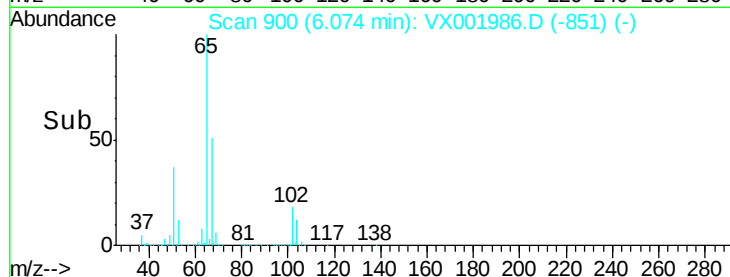
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001986.D

Acq: 25 May 2018 19:16

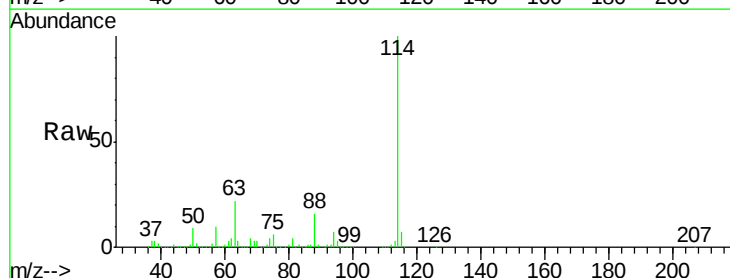
Tgt Ion: 114 Resp: 481247

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 15.9 0.0 31.6



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

6.87

250000

200000

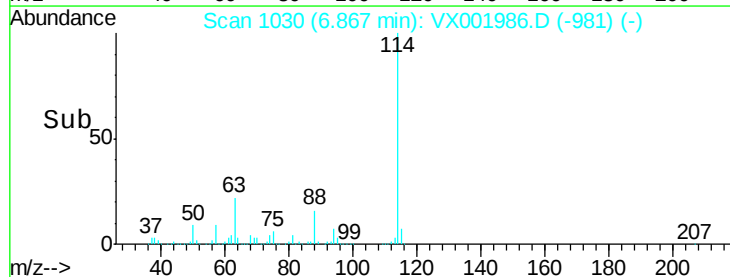
150000

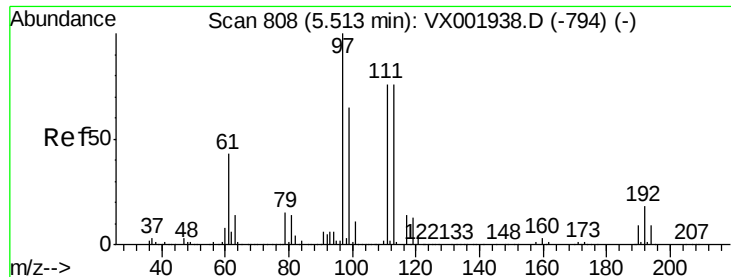
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10





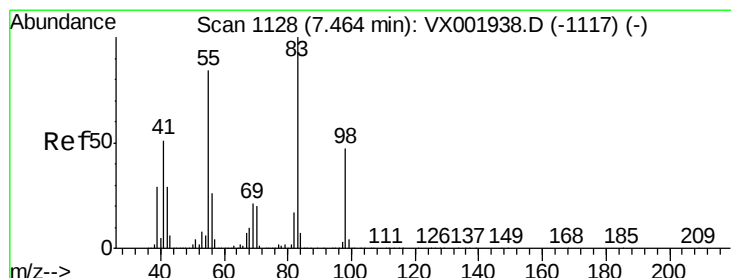
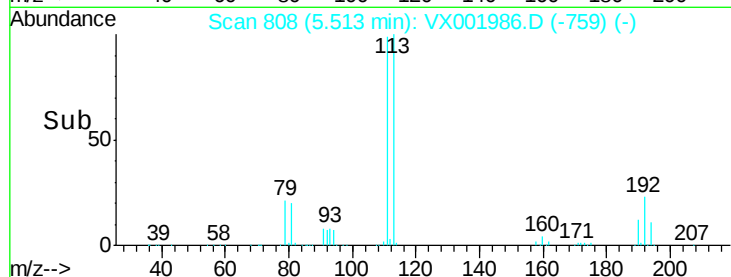
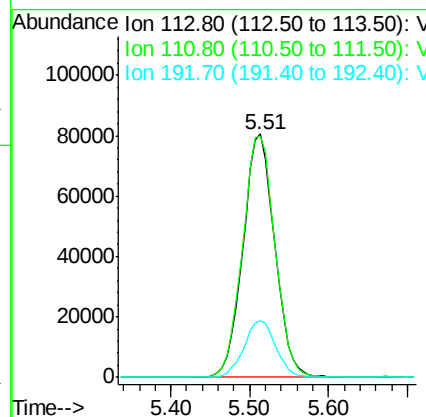
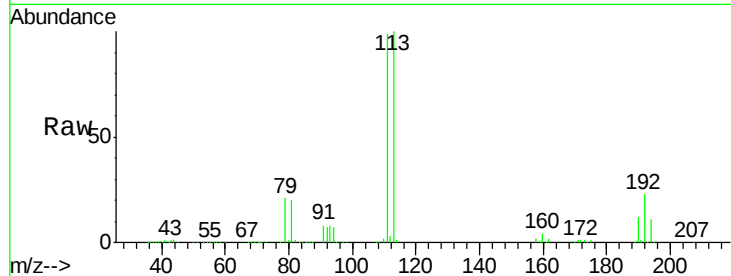
#35
Dibromofluoromethane
Concen: 46.842 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001986.D
Acq: 25 May 2018 19:16

Instrument :
MSVOA_X
ClientSampled :
MW-16

Tot Ion	Ratio	Resp	Lower	Upper
113	100	225426		
111	101.7	82.0	123.0	
192	23.5	18.9	28.3	

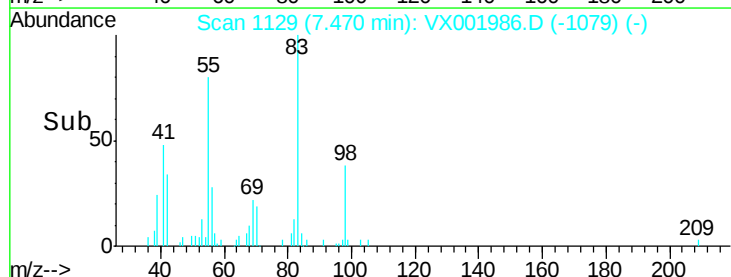
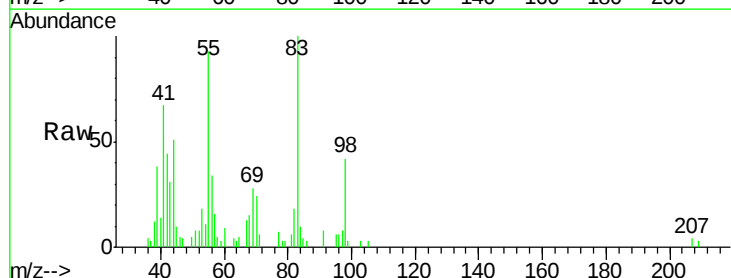
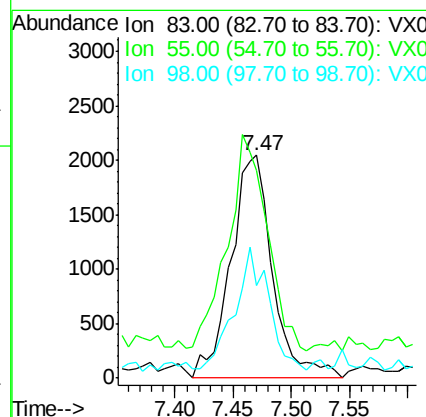
Manual Integrations
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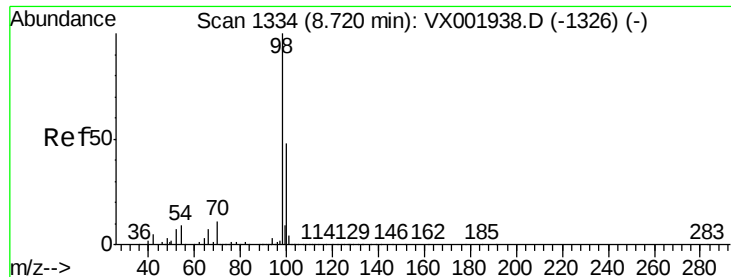
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#39
Methylcyclohexane
Concen: 0.620 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX001986.D
Acq: 25 May 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	5099		
55	80.9	67.3	100.9	
98	37.5	37.5	56.3	





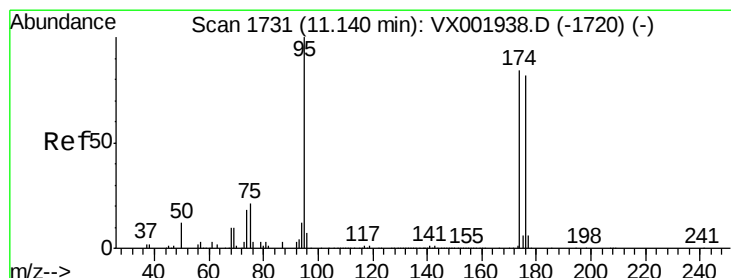
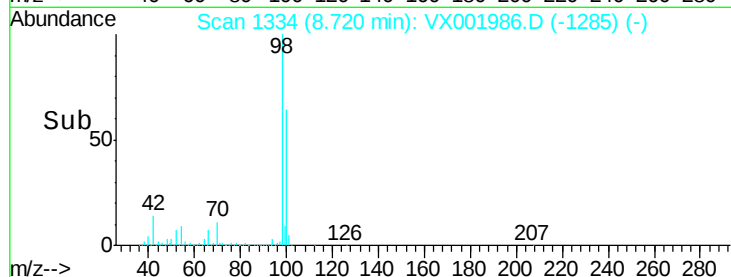
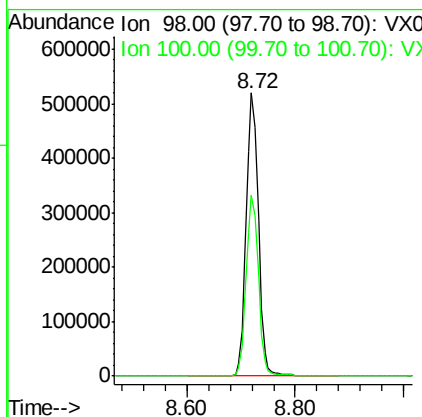
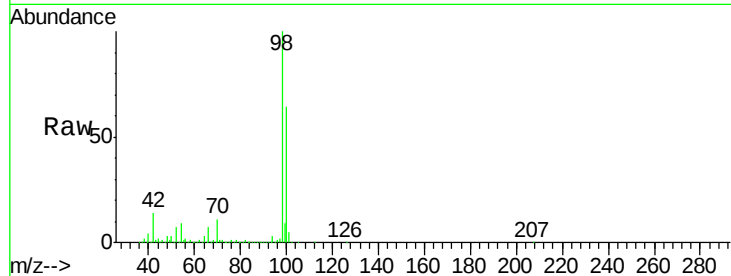
#50
Toluene-d8
Concen: 46.974 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001986.D
Acq: 25 May 2018 19:16

Instrument :
MSVOA_X
ClientSampled :
MW-16

Tot Ion: 98 Resp: 818423
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

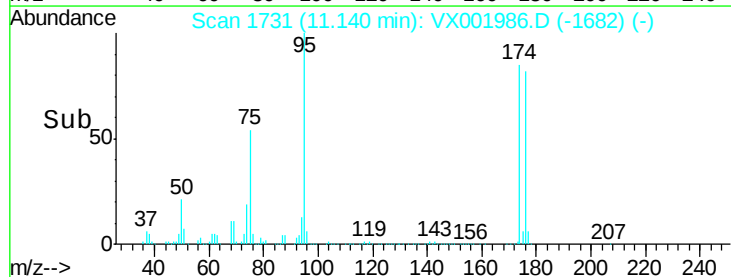
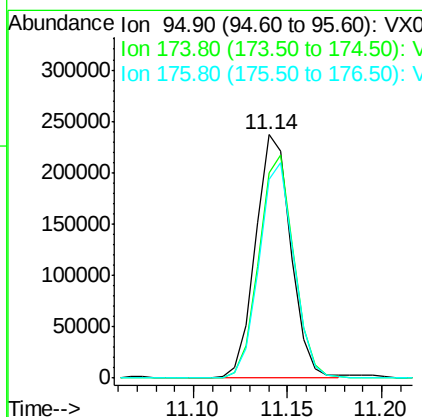
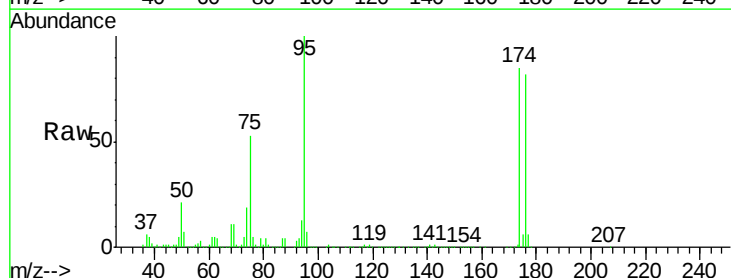
Manual Integrations
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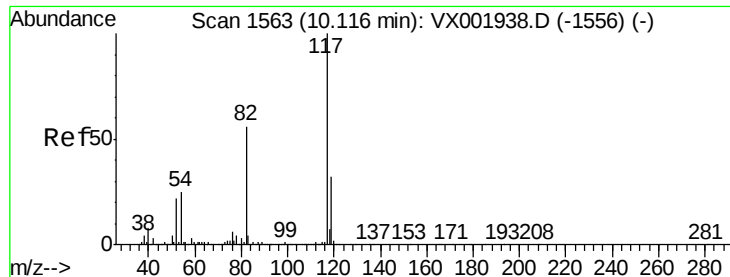
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#62
4-Bromofluorobenzene
Concen: 44.914 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001986.D
Acq: 25 May 2018 19:16

Tgt Ion: 95 Resp: 306172
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.8
176 87.9 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001986.D

Acq: 25 May 2018 19:16

Instrument :

MSVOA_X

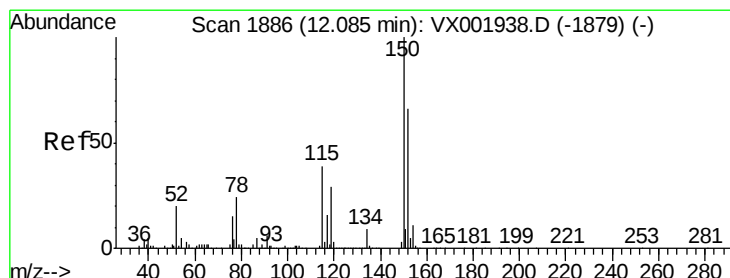
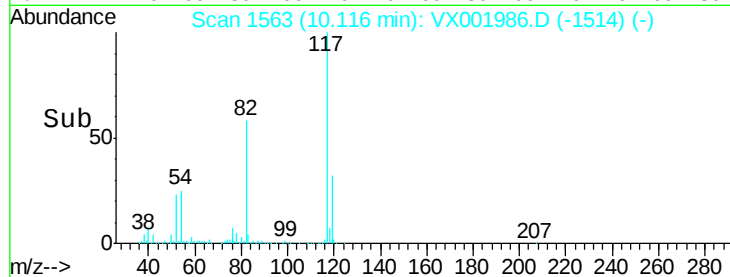
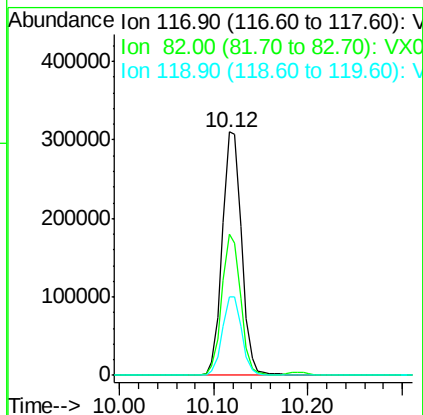
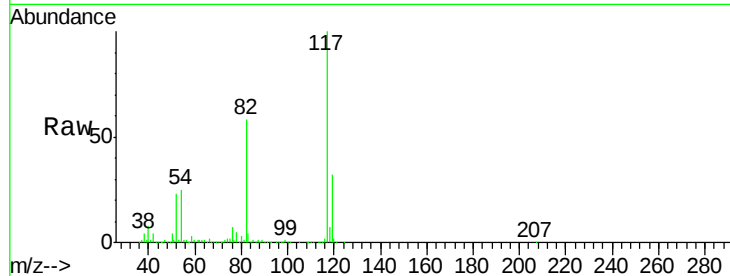
ClientSampleId :

MW-16

Tot Ion:	117	Resp:	441598
Ion Ratio	Lower	Upper	
117	100		
82	58.0	44.8	67.2
119	32.1	25.5	38.3

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

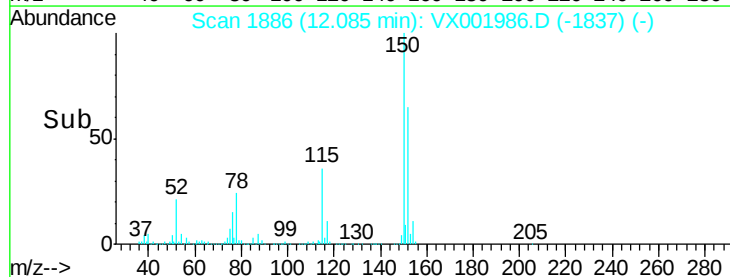
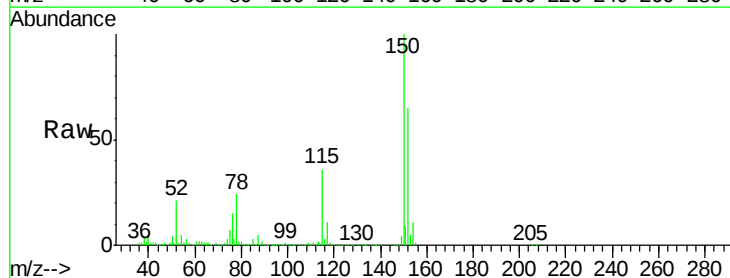
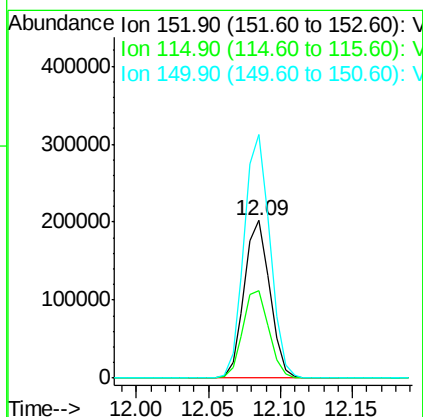
RT: 12.09 min Scan# 1886

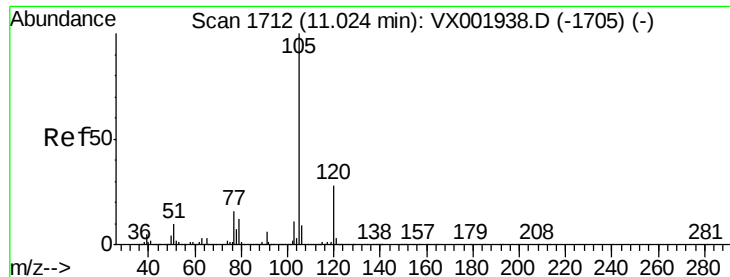
Delta R.T. -0.00 min

Lab File: VX001986.D

Acq: 25 May 2018 19:16

Tgt Ion:	152	Resp:	249514
Ion Ratio	Lower	Upper	
152	100		
115	56.9	42.3	126.8
150	155.8	0.0	351.0





#73

Isopropylbenzene

Concen: 4.856 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001986.D

Acq: 25 May 2018 19:16

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion:105 Resp: 102610

Ion Ratio Lower Upper

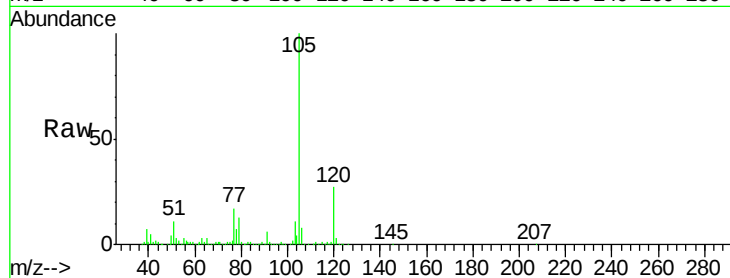
105 100

120 26.3 13.6 40.7

Manual Integrations
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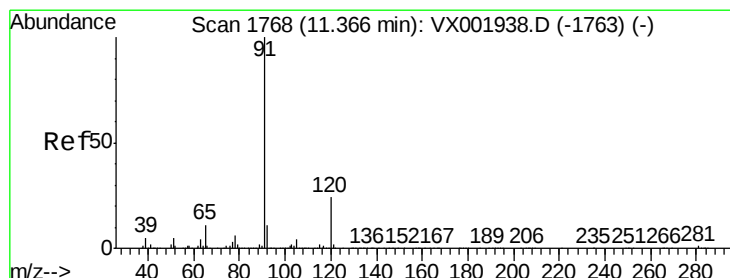
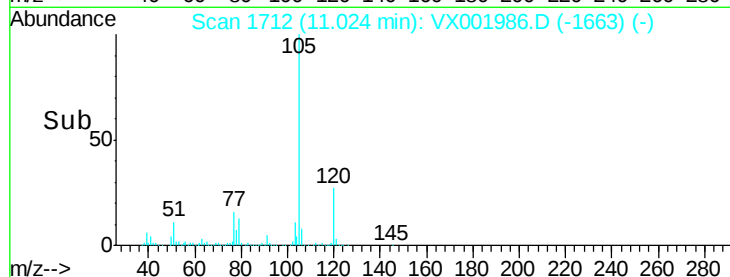
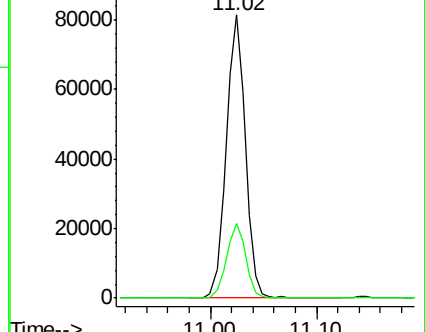
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 6.022 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001986.D

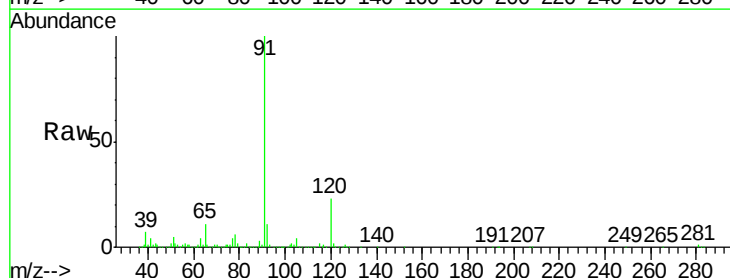
Acq: 25 May 2018 19:16

Tgt Ion: 91 Resp: 142513

Ion Ratio Lower Upper

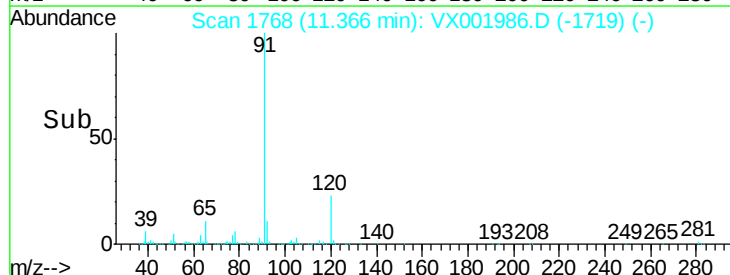
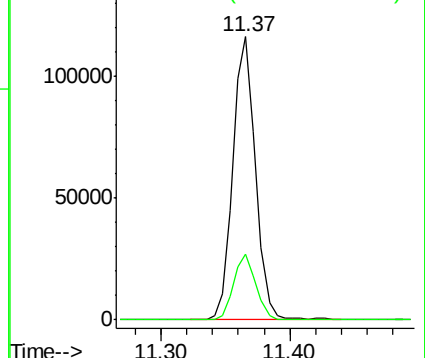
91 100

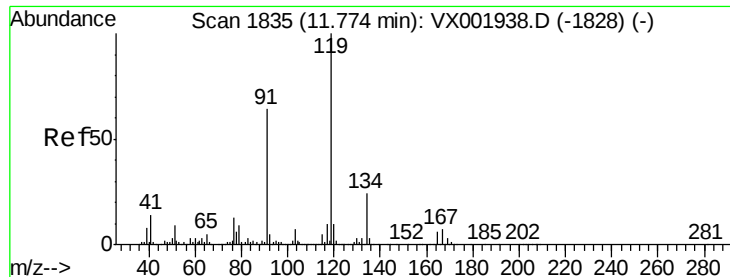
120 23.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





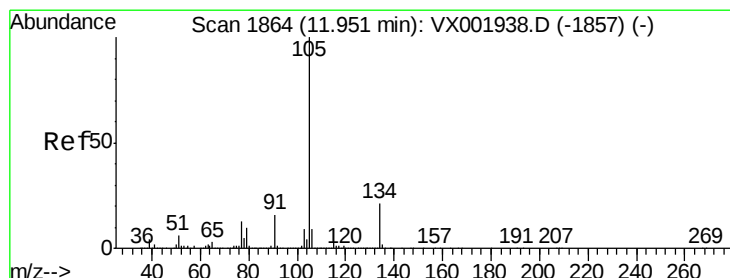
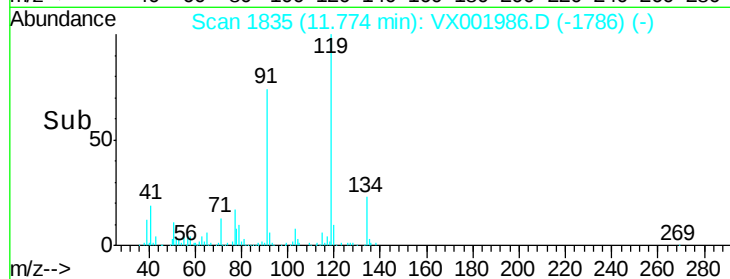
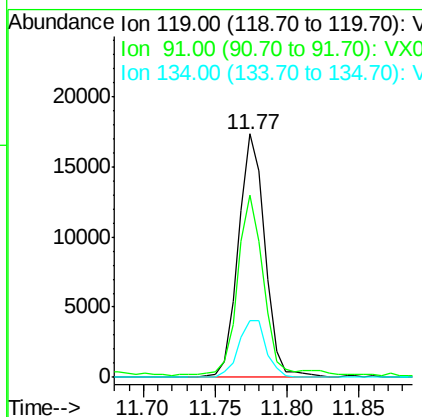
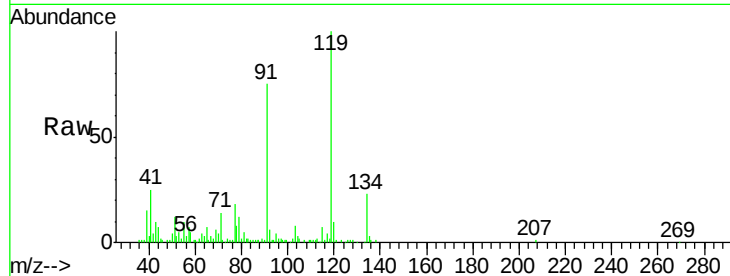
#83
tert-Butylbenzene
Concen: 1.261 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001986.D
Acq: 25 May 2018 19:16

Instrument :
MSVOA_X
ClientSampled :
MW-16

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.3	30.6	91.8
134	24.1	11.7	35.0

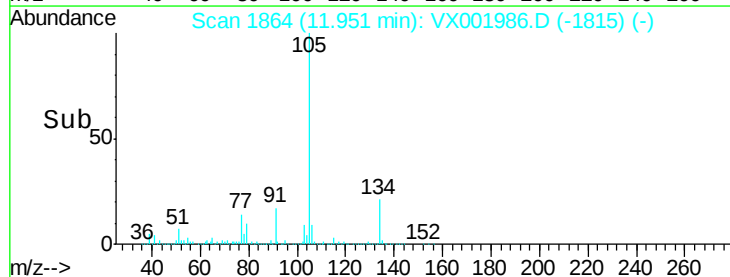
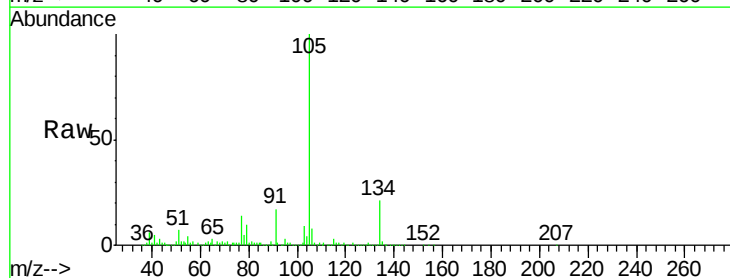
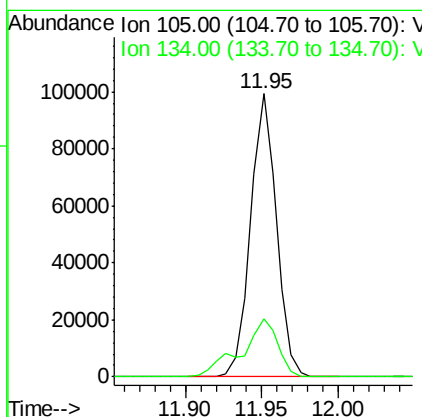
Manual Integrations
APPROVED

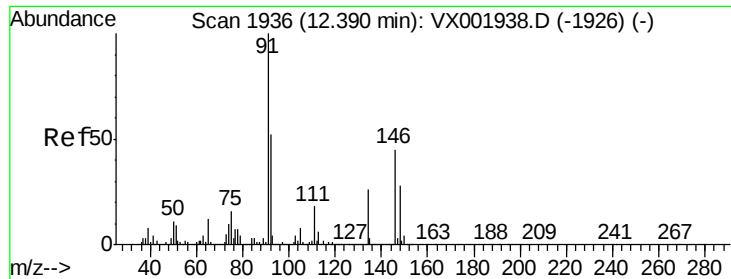
MMDadoda
5/29/2018 4:39:23 PM



#85
sec-Butylbenzene
Concen: 5.450 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX001986.D
Acq: 25 May 2018 19:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.1	10.4	31.4





#89

n-Butylbenzene

Concen: 1.942 ug/l m

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX001986.D

Acq: 25 May 2018 19:16

Instrument :

MSVOA_X

ClientSampleId :

MW-16

Tot Ion:	91	Resp:	31356
Ion Ratio	Lower	Upper	
91	100		
92	53.9	26.3	78.9
134	81.0	13.6	40.7#

Manual Integrations
APPROVED

MMDadoda
5/29/2018 4:39:23 PM

