

Data Path : W:\HPCHEM1\MSVOA X\Data\WX052918\
 Data File : VX002104.D
 Acq On : 29 May 2018 20:13
 Operator : JC/MD
 Sample : J3041-07
 Misc : 7.15G/5mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWNN-9.5-10

Manual Integrations
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 6/8/2018 1:47:14 PM

Quant Time: May 31 07:36:36 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	356586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	495599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	469987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	299355	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	220468	34.59	ug/l	0.00
Spiked Amount			Recovery	=	69.18%	
35) Dibromofluoromethane	5.51	113	170656	34.43	ug/l	0.00
Spiked Amount			Recovery	=	68.86%	
50) Toluene-d8	8.72	98	1068605	59.56	ug/l	0.00
Spiked Amount			Recovery	=	119.12%	
62) 4-Bromofluorobenzene	11.15	95	408783	58.23	ug/l	0.00
Spiked Amount			Recovery	=	116.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	4414269	502.61	ug/l	96
39) Methylcyclohexane	7.47	83	14272612	1685.26	ug/l	98
40) Benzene	6.14	78	54921	2.72	ug/l	98
52) Toluene	8.79	92	584562	45.48	ug/l	99
67) Ethyl Benzene	10.26	91	14256077	551.04	ug/l #	69
68) m/p-Xylenes	10.37	106	18746181	1895.54	ug/l #	1
69) o-Xylene	10.71	106	7590139	768.66	ug/l	74
73) Isopropylbenzene	11.03	105	3044456	120.10	ug/l	100
78) n-propylbenzene	11.37	91	8651254	304.71	ug/l	96
80) 1,3,5-Trimethylbenzene	11.52	105	13522511	624.20	ug/l	74
84) 1,2,4-Trimethylbenzene	11.82	105	19829435m	885.75	ug/l	
85) sec-Butylbenzene	11.96	105	1462215	57.22	ug/l	95
86) p-Isopropyltoluene	12.07	119	1583480m	69.25	ug/l	
95) Naphthalene	13.85	128	11411598	422.08	ug/l #	94

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

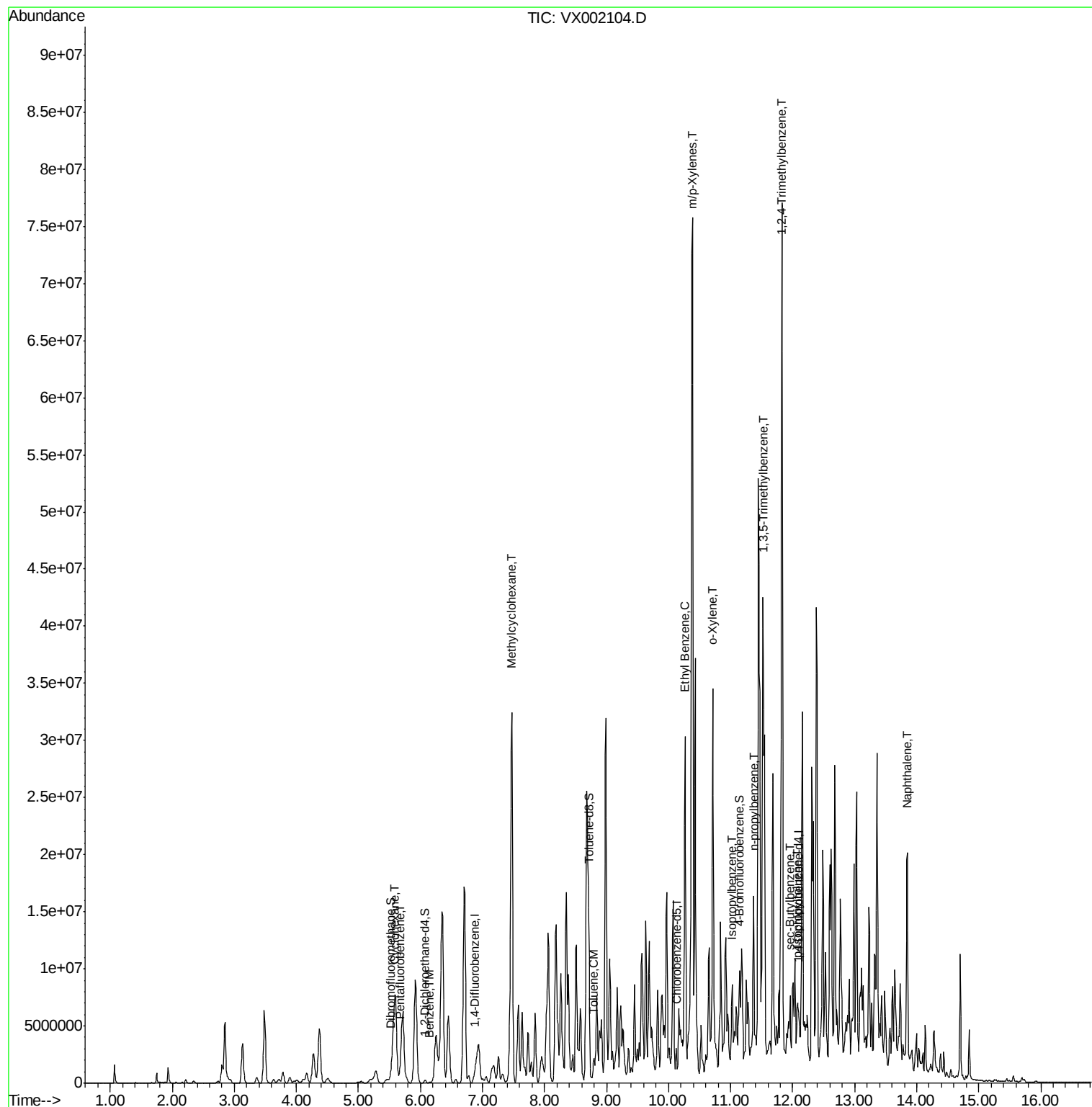
Data Path : W:\HPCHEM1\MSVOA X\Data\VX052918\
Data File : VX002104.D
Acq On : 29 May 2018 20:13
Operator : JC/MD
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ALS Vial : 21 Sample Multiplier: 1

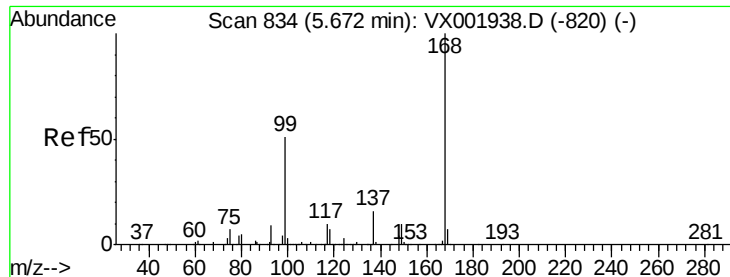
Instrument :
MSVOA_X
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T1-3-SWNN-9.5-10

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Quant Time: May 31 07:36:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
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#1

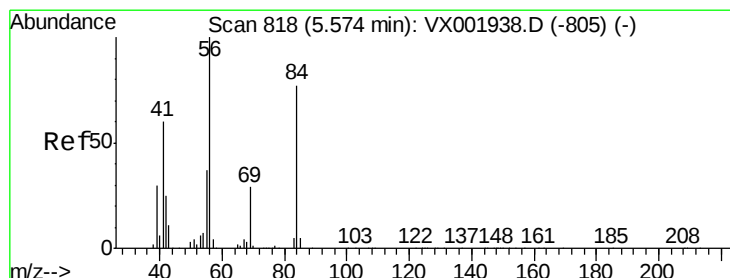
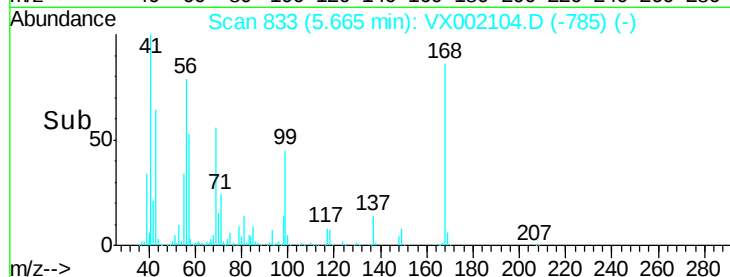
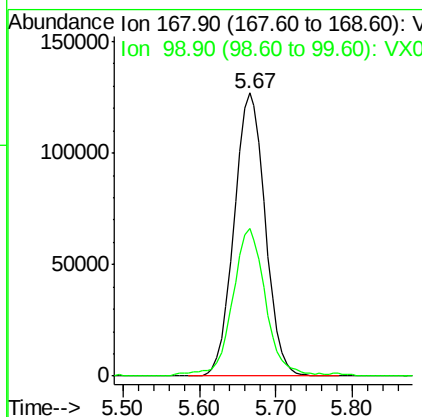
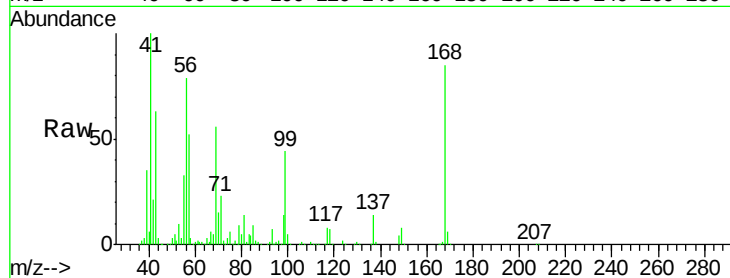
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWNN-9.5-10

Tot Ion	Ratio	Resp	Lower	Upper
168	100	356586		
99	51.1	41.0	61.4	

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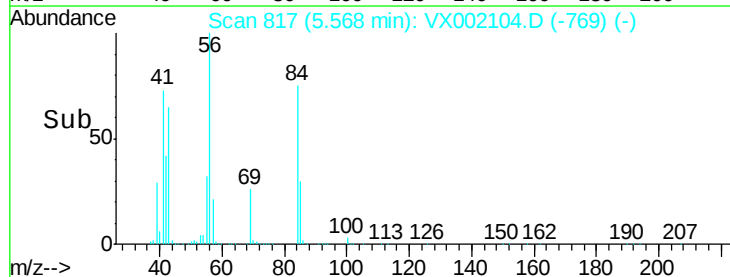
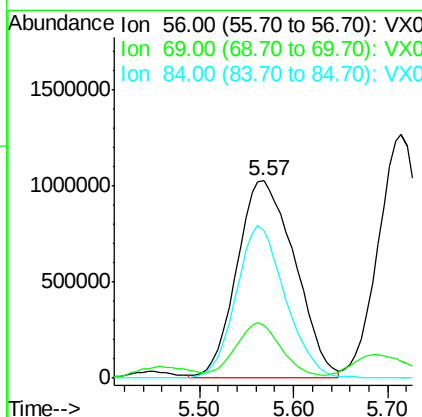
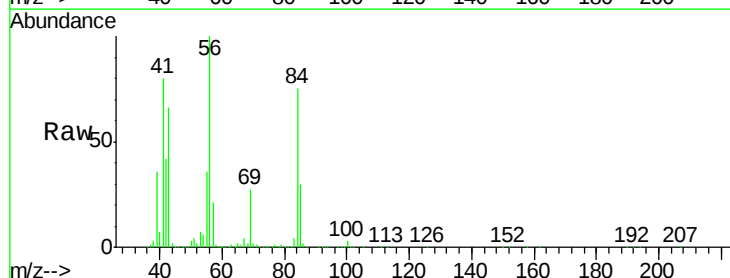
MMDadoda
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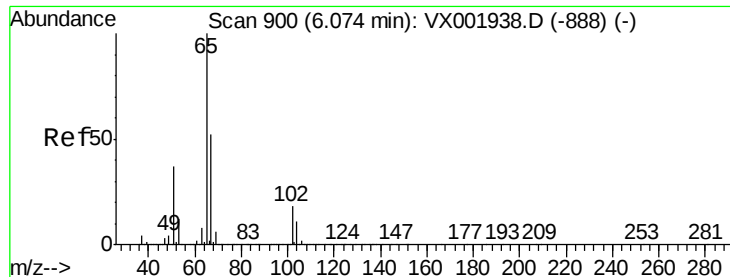


#31

Cyclohexane
Concen: 502.61 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	4414269		
69	24.1	23.1	34.7	
84	75.5	62.0	93.0	





#33

1,2-Dichloroethane-d4

Concen: 34.59 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-9.5-10

Tot Ion: 65 Resp: 220468

Ion Ratio Lower Upper

65 100

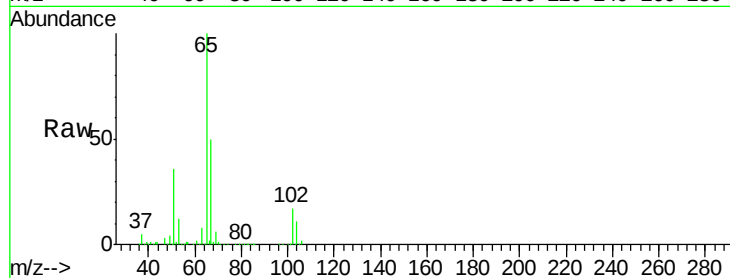
67 52.0 0.0 104.0

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

80000

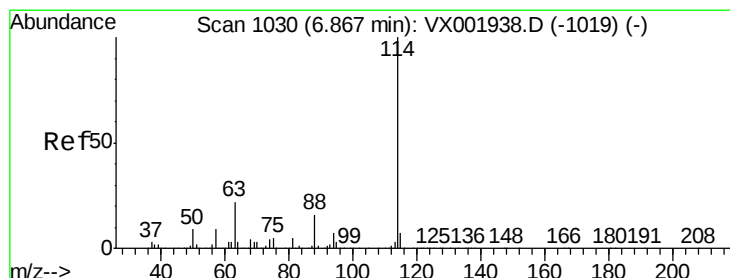
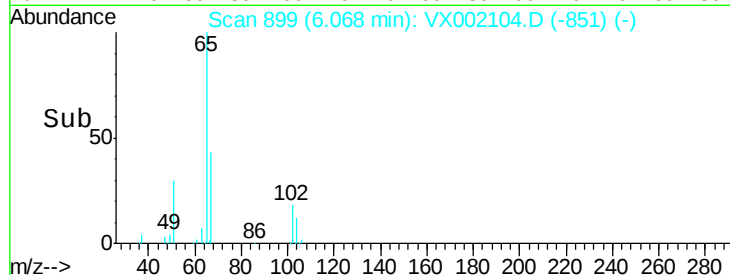
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

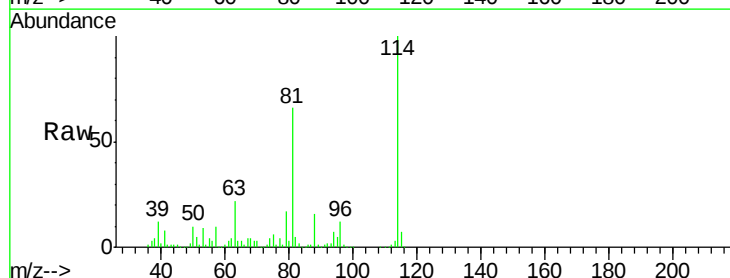
Tgt Ion: 114 Resp: 495599

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.2 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

250000

200000

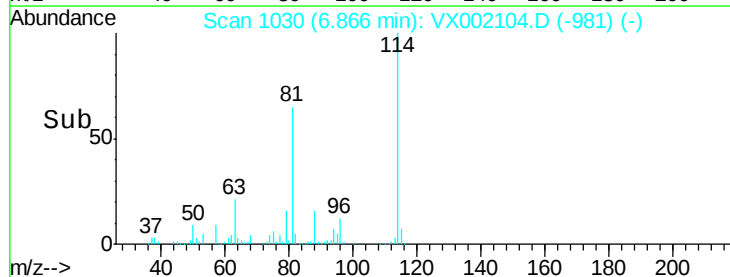
150000

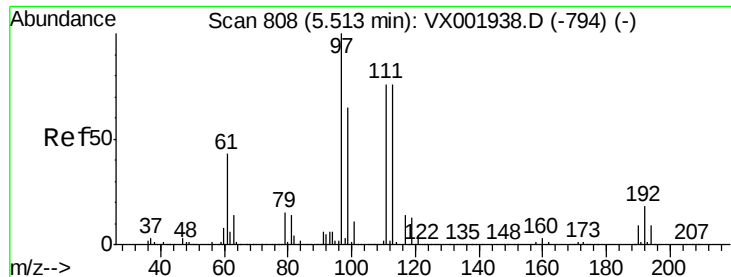
100000

50000

0

Time-->





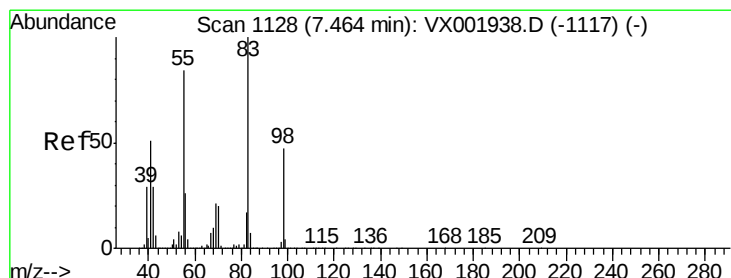
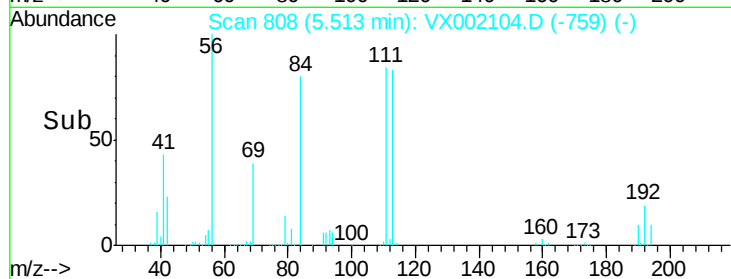
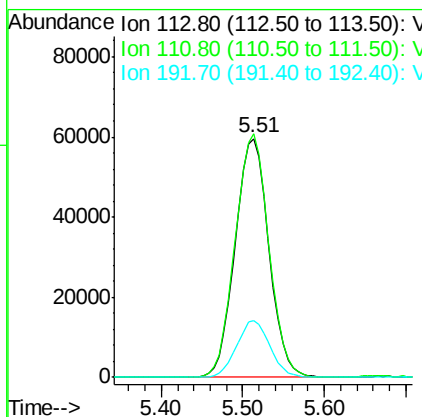
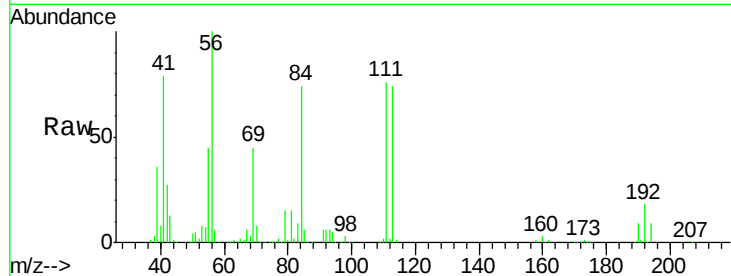
#35
Dibromofluoromethane
Concen: 34.43 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWNN-9.5-10

Tot Ion	Ratio	Resp	Lower	Upper
113	100	170656		
111	102.0	82.0	123.0	
192	23.5	18.9	28.3	

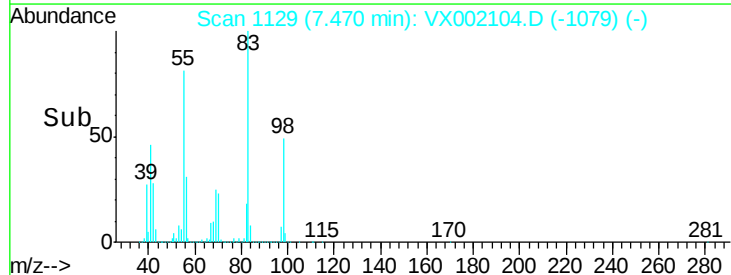
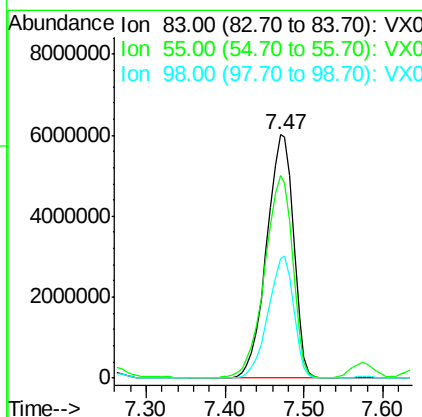
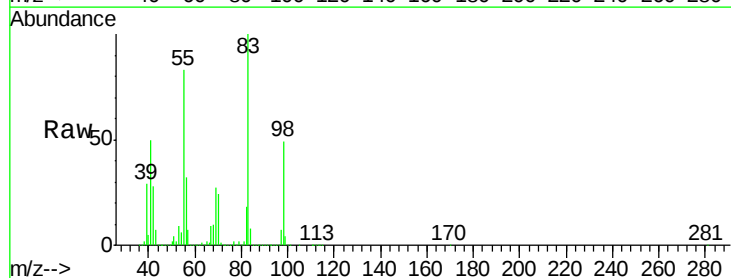
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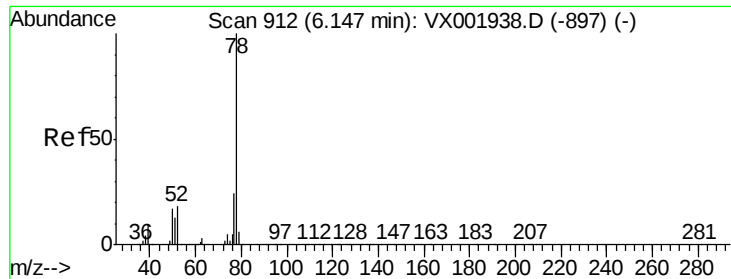
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#39
Methylcyclohexane
Concen: 1685.26 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	14272612		
55	83.2	67.3	100.9	
98	49.3	37.5	56.3	





#40

Benzene

Concen: 2.72 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-9.5-10

Tot Ion: 78 Resp: 54921

Ion Ratio Lower Upper

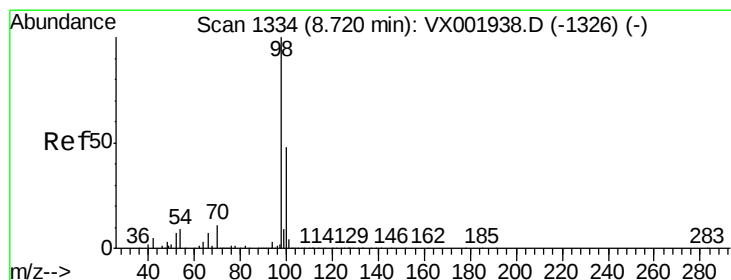
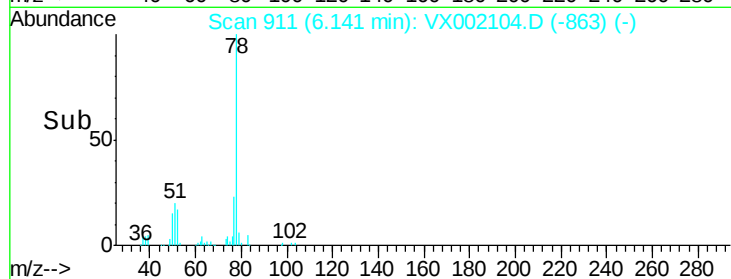
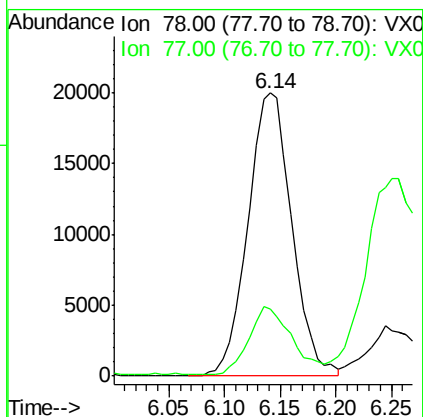
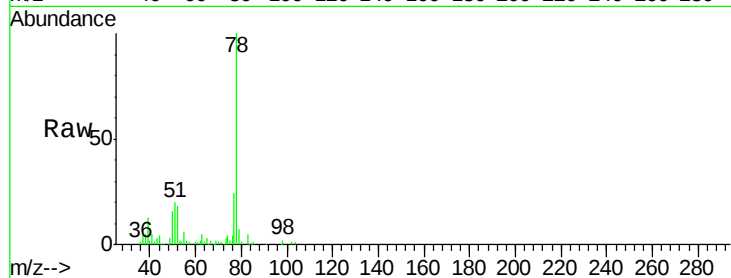
78 100

77 22.9 19.1 28.7

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#50

Toluene-d8

Concen: 59.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002104.D

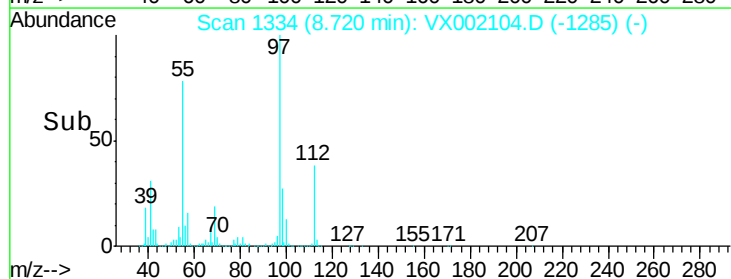
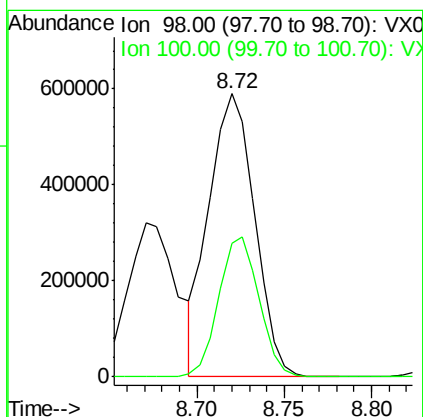
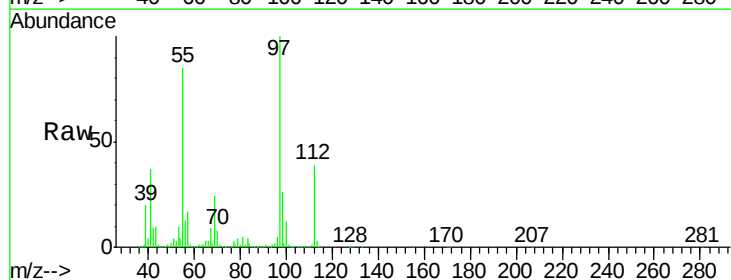
Acq: 29 May 2018 20:13

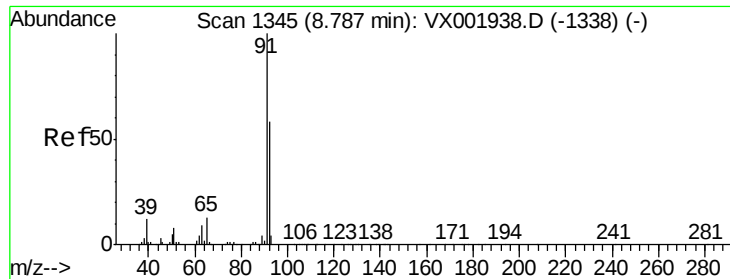
Tgt Ion: 98 Resp: 1068605

Ion Ratio Lower Upper

98 100

100 43.7 51.5 77.3#





#52

Toluene

Concen: 45.48 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-9.5-10

Tot Ion: 92 Resp: 584562

Ion Ratio Lower Upper

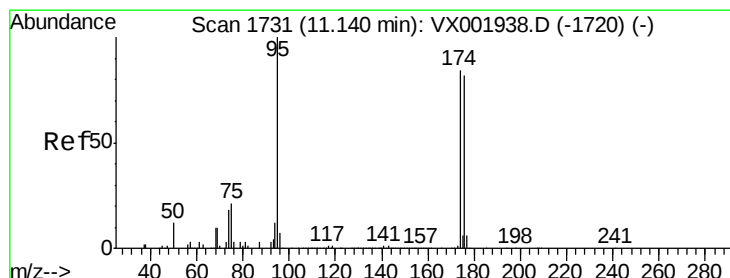
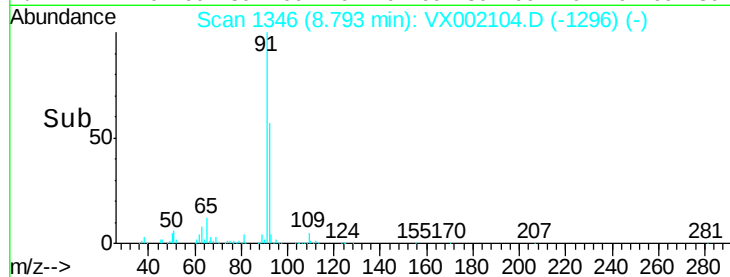
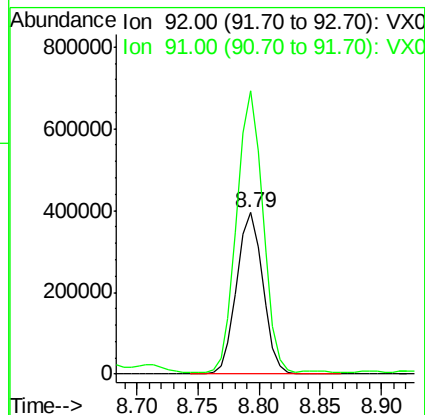
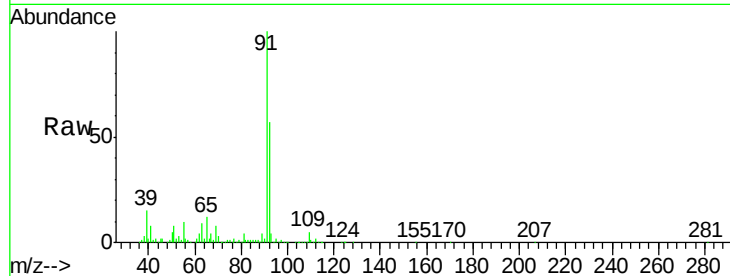
92 100

91 172.9 139.4 209.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 58.23 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

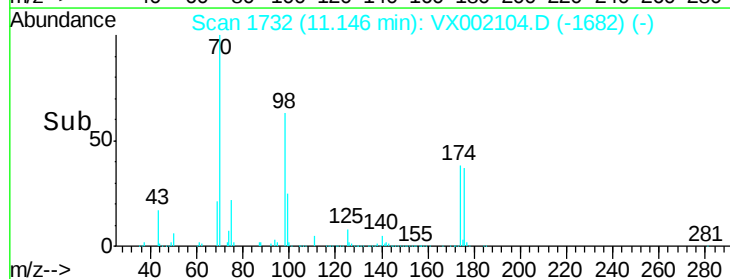
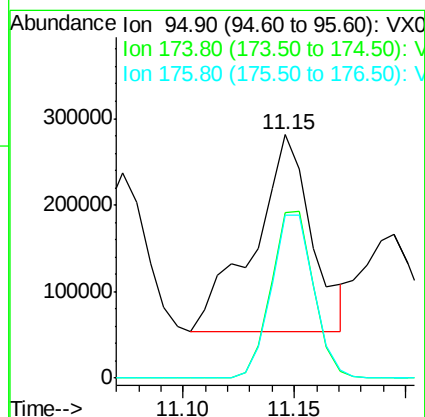
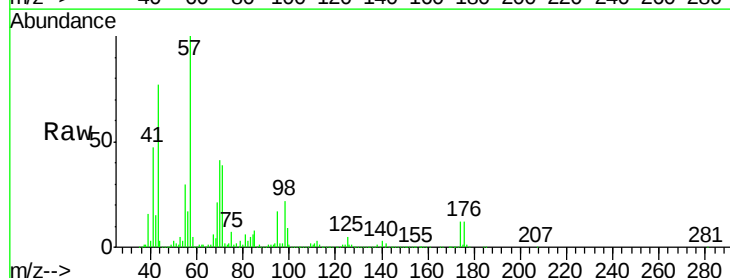
Tgt Ion: 95 Resp: 408783

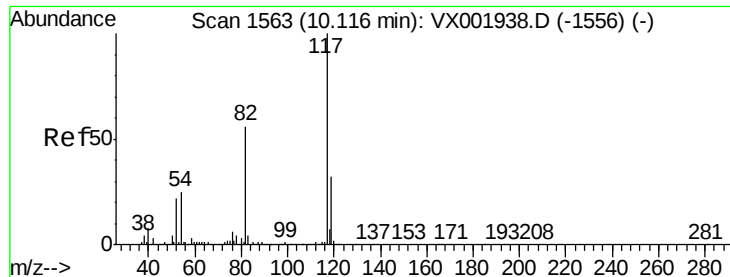
Ion Ratio Lower Upper

95 100

174 62.7 0.0 178.8

176 61.5 0.0 175.6





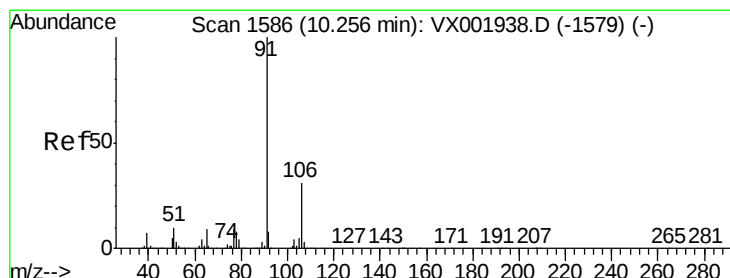
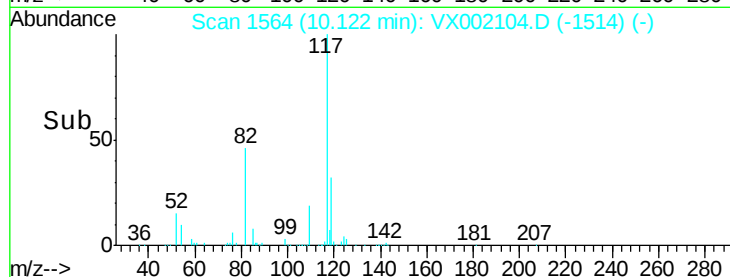
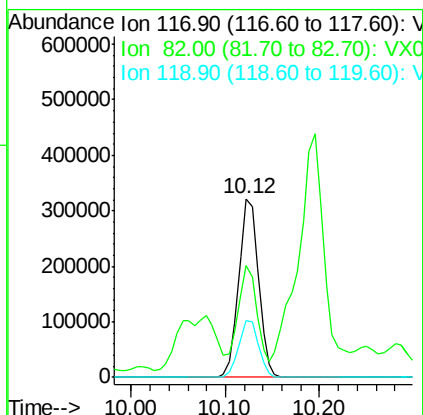
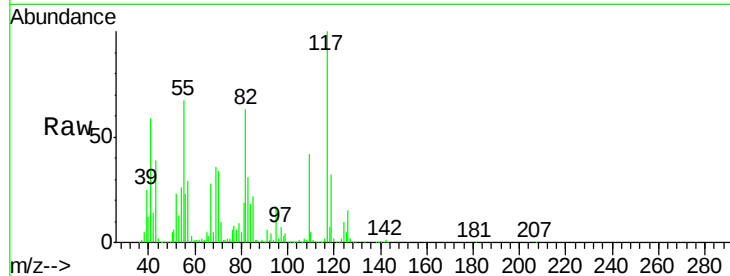
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWNN-9.5-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.1	44.8	67.2
119	31.7	25.5	38.3

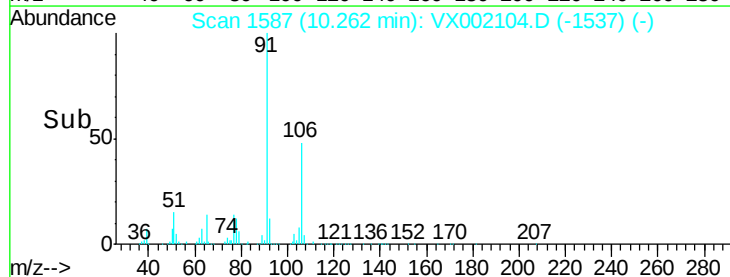
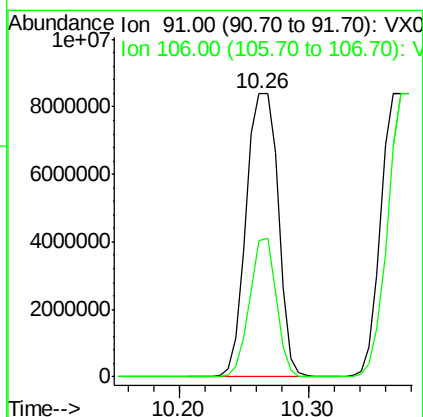
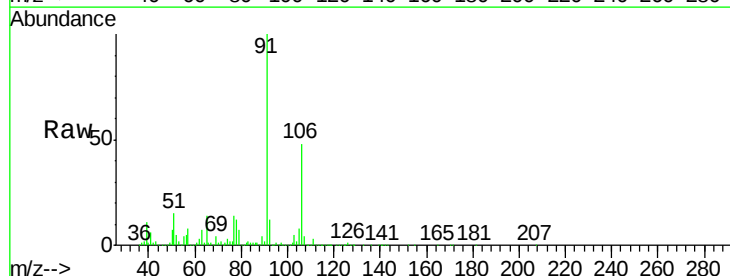
Manual Integrations
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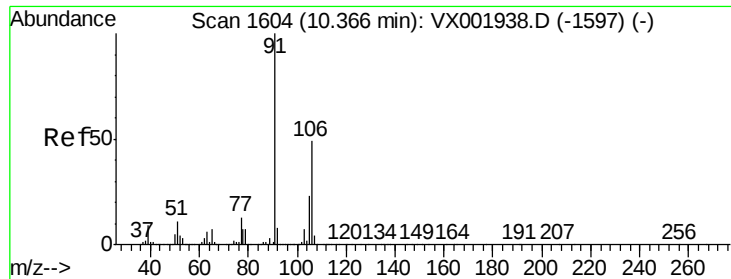
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#67
Ethyl Benzene
Concen: 551.04 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	48.2	25.0	37.6





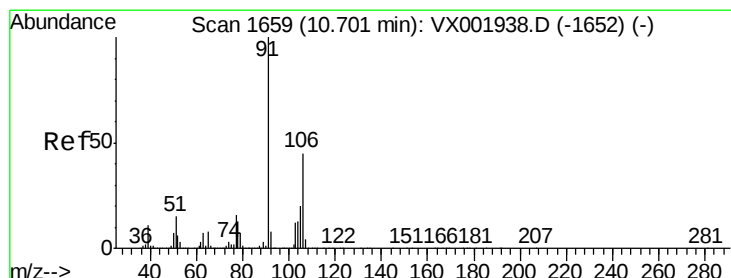
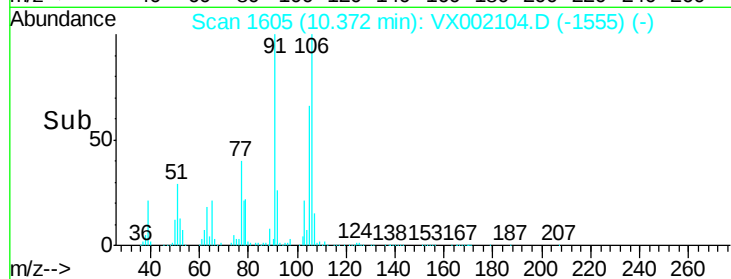
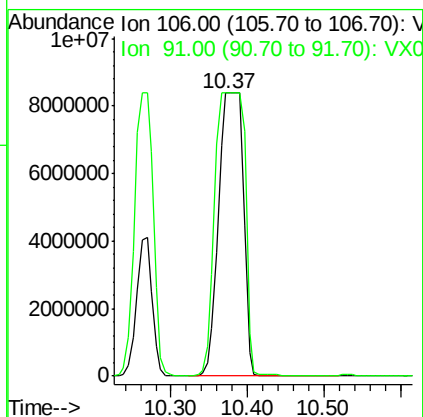
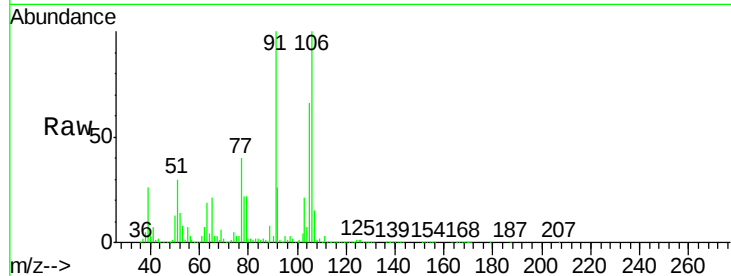
#68
m/p-Xylenes
Concen: 1895.54 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWNN-9.5-10

Tot Ion:106 Resp:18746181
Ion Ratio Lower Upper
106 100
91 0.0 165.0 247.6#

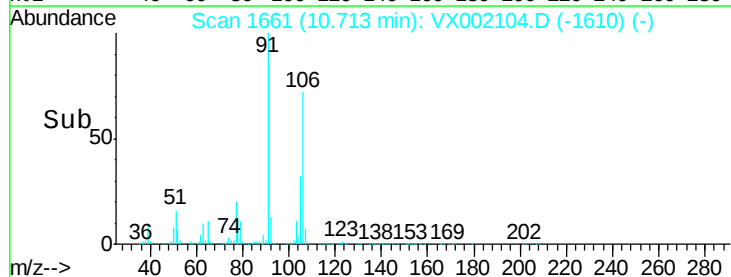
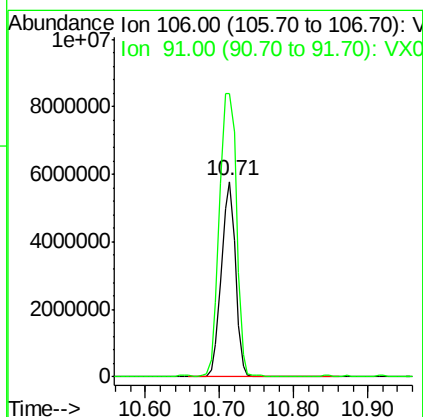
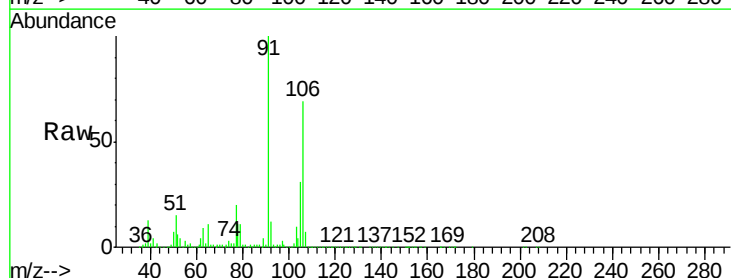
Manual Integrations
APPROVED

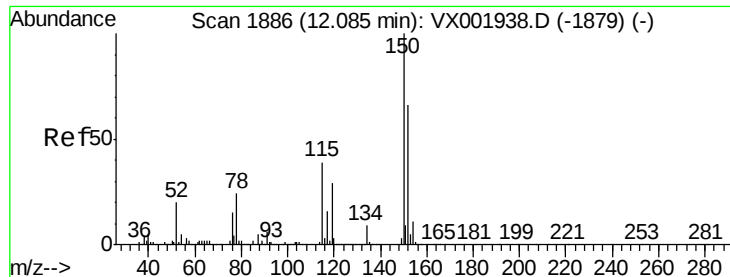
MMDadoda
6/8/2018 1:47:14 PM



#69
o-Xylene
Concen: 768.66 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Tgt Ion:106 Resp: 7590139
Ion Ratio Lower Upper
106 100
91 175.8 108.7 325.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

Instrument :

MSVOA_X

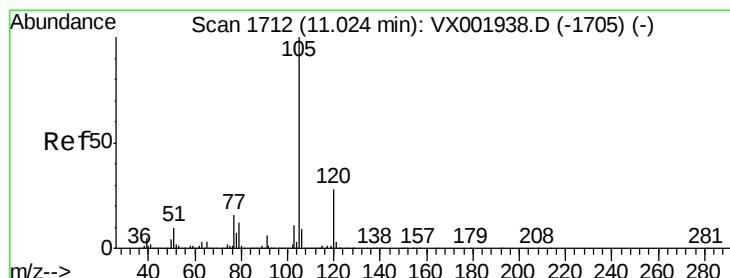
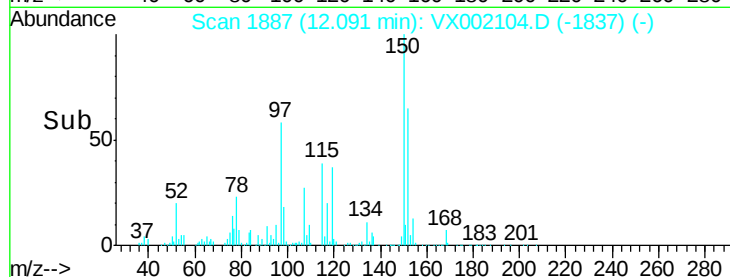
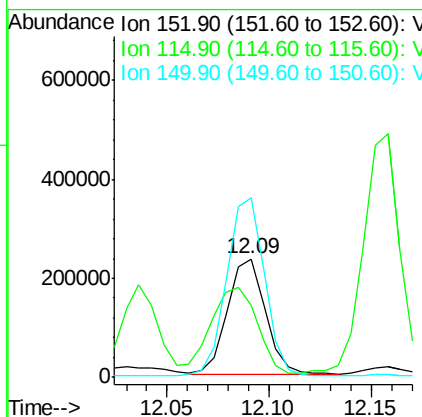
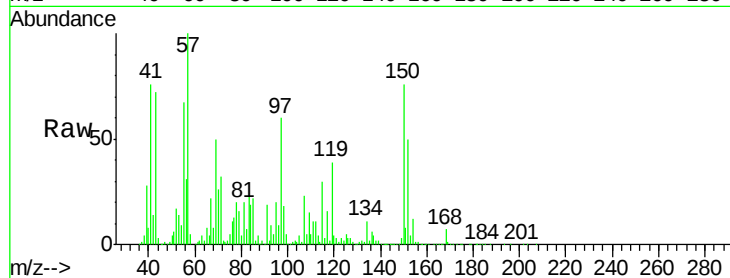
ClientSampleId :

T1-3-SWNN-9.5-10

Tot Ion:	152	Resp:	299355
Ion Ratio	Lower	Upper	
152	100		
115	98.7	42.3	126.8
150	153.4	0.0	351.0

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#73

Isopropylbenzene

Concen: 120.10 ug/l

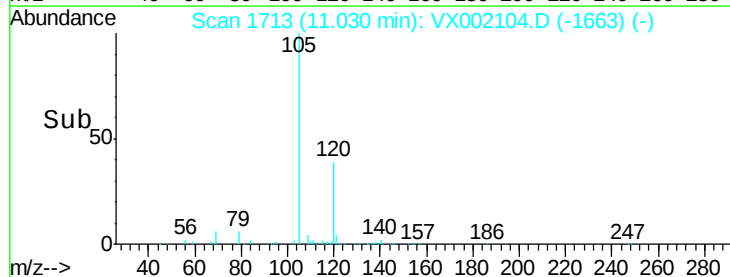
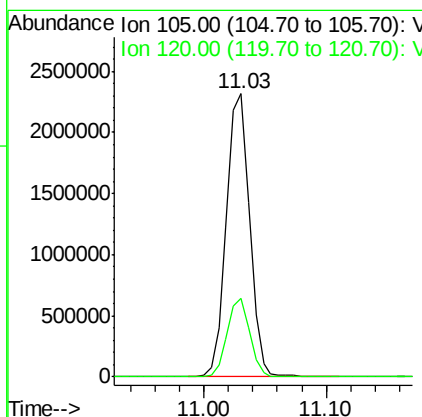
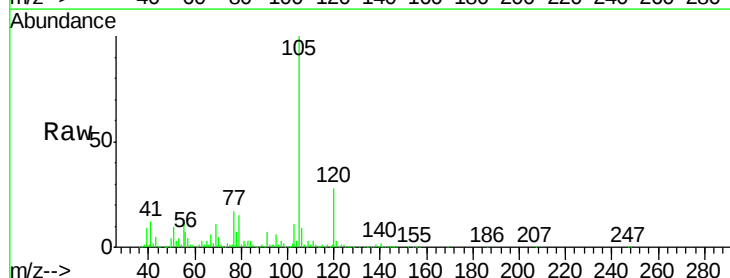
RT: 11.03 min Scan# 1713

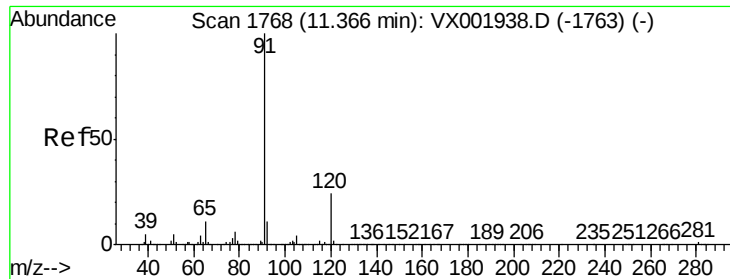
Delta R.T. 0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

Tgt Ion:	105	Resp:	3044456
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.6	40.7





#78

n-propylbenzene

Concen: 304.71 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-9.5-10

Tot Ion: 91 Resp: 8651254

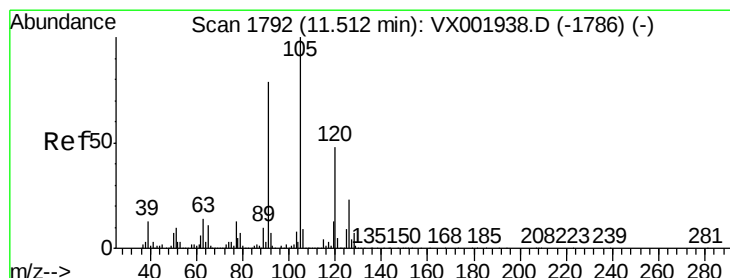
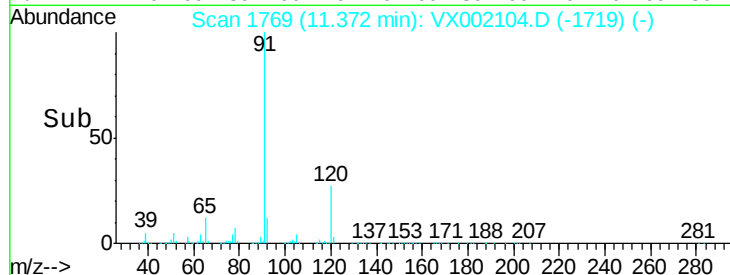
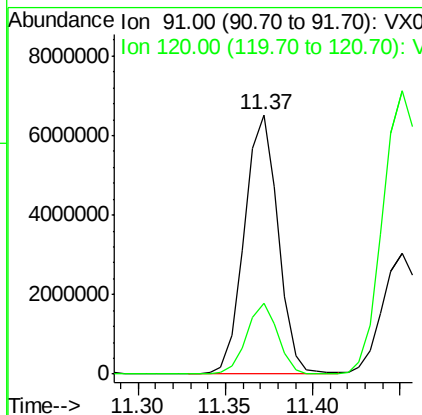
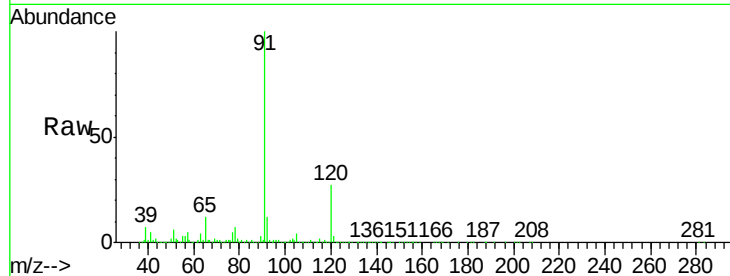
Ion Ratio Lower Upper

91 100

120 25.6 11.9 35.7

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#80

1,3,5-Trimethylbenzene

Concen: 624.20 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX002104.D

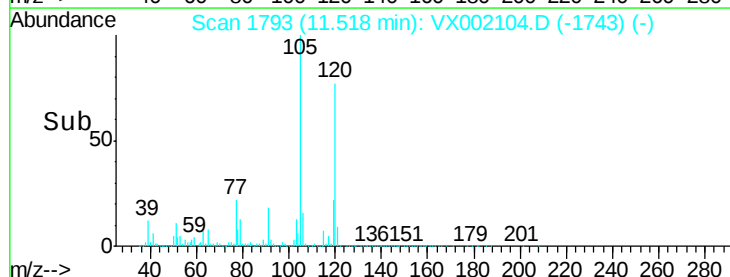
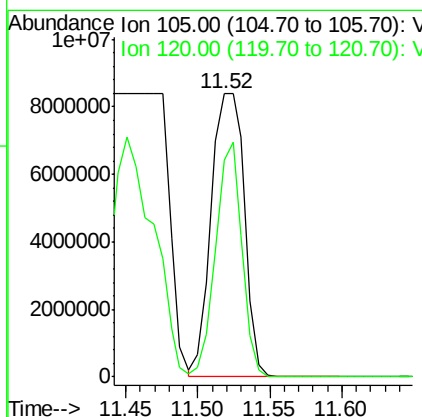
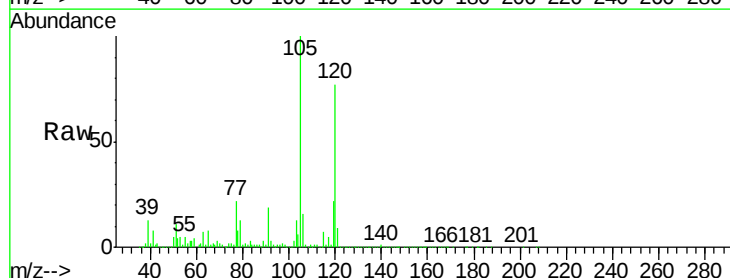
Acq: 29 May 2018 20:13

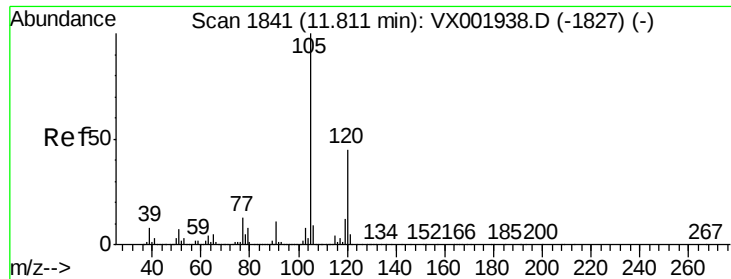
Tgt Ion: 105 Resp: 13522511

Ion Ratio Lower Upper

105 100

120 65.9 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 885.75 ug/l m

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX002104.D

Acq: 29 May 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-9.5-10

Tot Ion:105 Resp:19829435

Ion Ratio Lower Upper

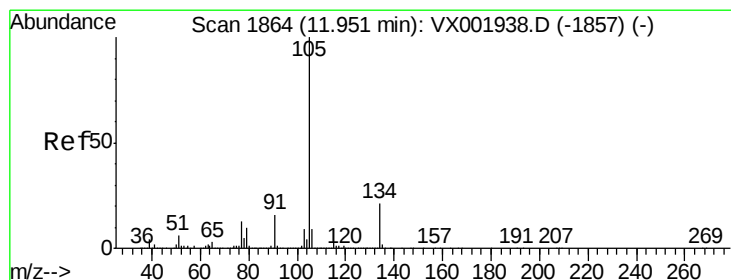
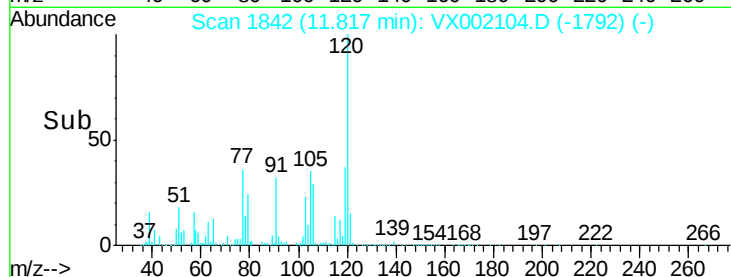
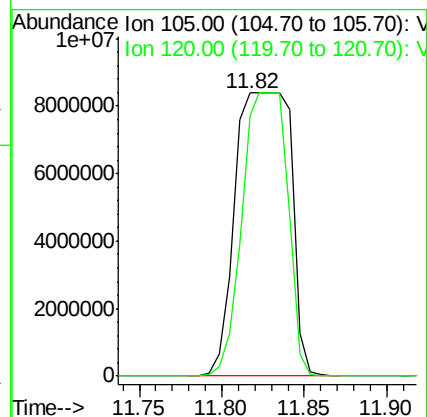
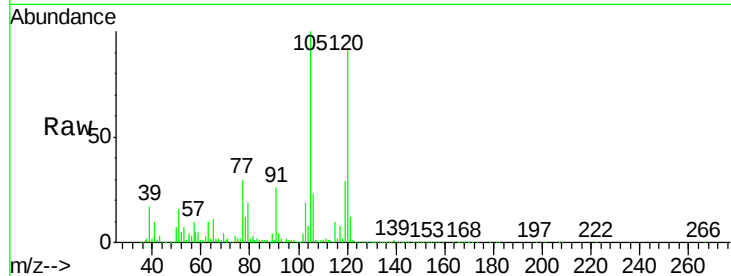
105 100

120 20.4 22.1 66.5#

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#85

sec-Butylbenzene

Concen: 57.22 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.01 min

Lab File: VX002104.D

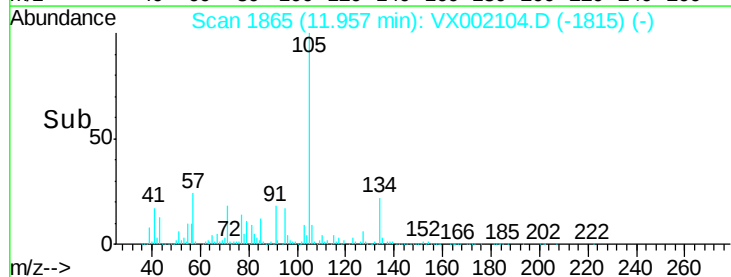
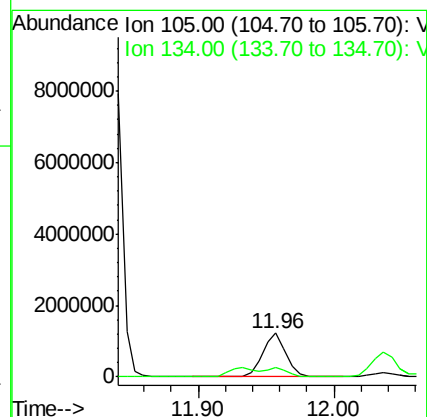
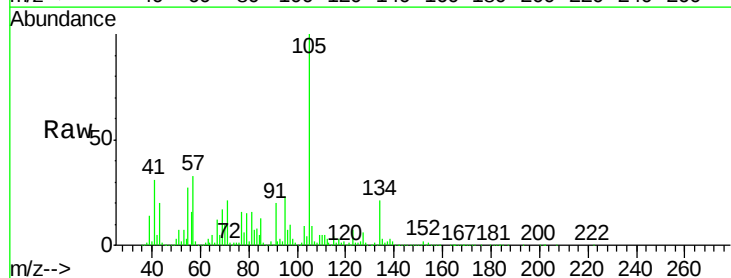
Acq: 29 May 2018 20:13

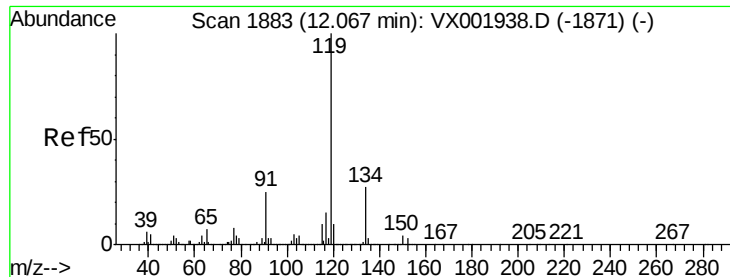
Tgt Ion:105 Resp: 1462215

Ion Ratio Lower Upper

105 100

134 18.6 10.4 31.4





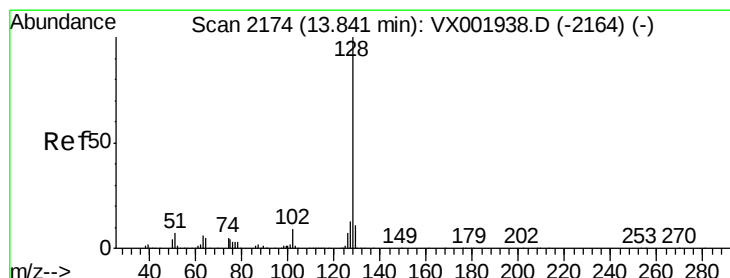
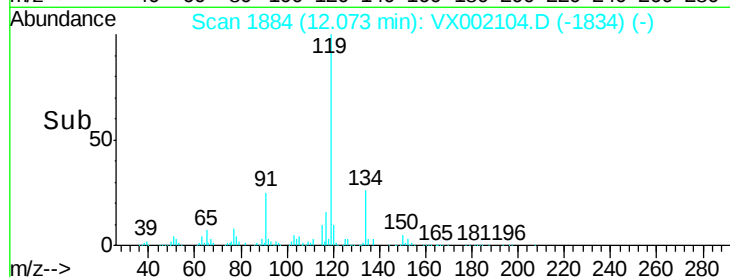
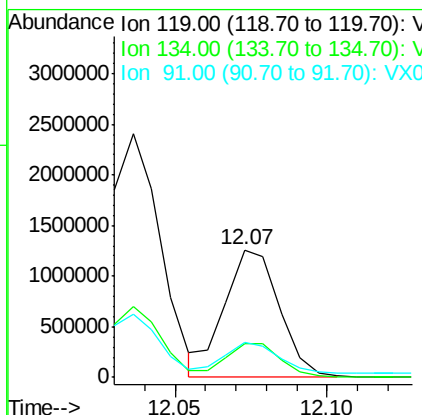
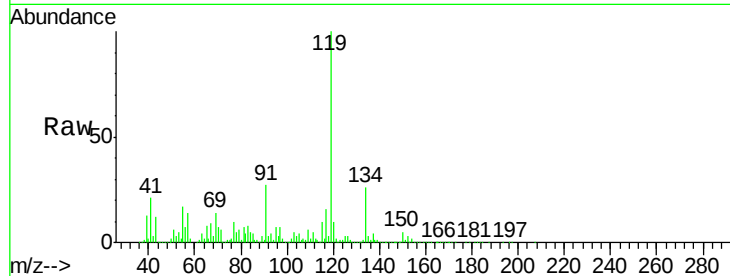
#86
p-Isopropyltoluene
Concen: 69.25 ug/l m
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWNN-9.5-10

Tot Ion:119 Resp: 1583480
Ion Ratio Lower Upper
119 100
134 0.0 13.6 40.8#
91 0.0 12.2 36.4#

Manual Integrations
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#95
Naphthalene
Concen: 422.08 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX002104.D
Acq: 29 May 2018 20:13

Tgt Ion:128 Resp:11411598
Ion Ratio Lower Upper
128 100
127 15.1 10.4 15.6
129 13.7 8.8 13.2#

