

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX022718\
 Data File : VX000153.D
 Acq On : 27 Feb 2018 19:17
 Operator : JC/MD
 Sample : J1683-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ClientSampleID :
 RFK-RMAB-MW08-GW

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Quant Time: Feb 28 05:57:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	91620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	149599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	140420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	57805	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
35) Dibromofluoromethane	5.52	113	44731	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
50) Toluene-d8	8.73	98	180430	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.15	95	76915	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	8521	19.33	ug/l #	72
16) Acetone	2.45	43	5354	7.22	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	19898	6.04	ug/l #	72
31) Cyclohexane	5.59	56	38247	26.75	ug/l	94
39) Methylcyclohexane	7.46	83	45549	28.18	ug/l	96
40) Benzene	6.15	78	101942	26.58	ug/l	99
52) Toluene	8.79	92	54047	21.09	ug/l	98
67) Ethyl Benzene	10.26	91	2681432	538.82	ug/l	98
68) m/p-Xylenes	10.37	106	3213103	1630.53	ug/l	97
69) o-Xylene	10.71	106	3070443	1615.56	ug/l	98
73) Isopropylbenzene	11.02	105	214741	34.50	ug/l	98
78) n-propylbenzene	11.37	91	577998	78.75	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1102112	209.41	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	6300614	1153.03	ug/l	97
85) sec-Butylbenzene	11.96	105	41789m	6.33	ug/l	
95) Naphthalene	13.85	128	3046694	375.97	ug/l	99

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

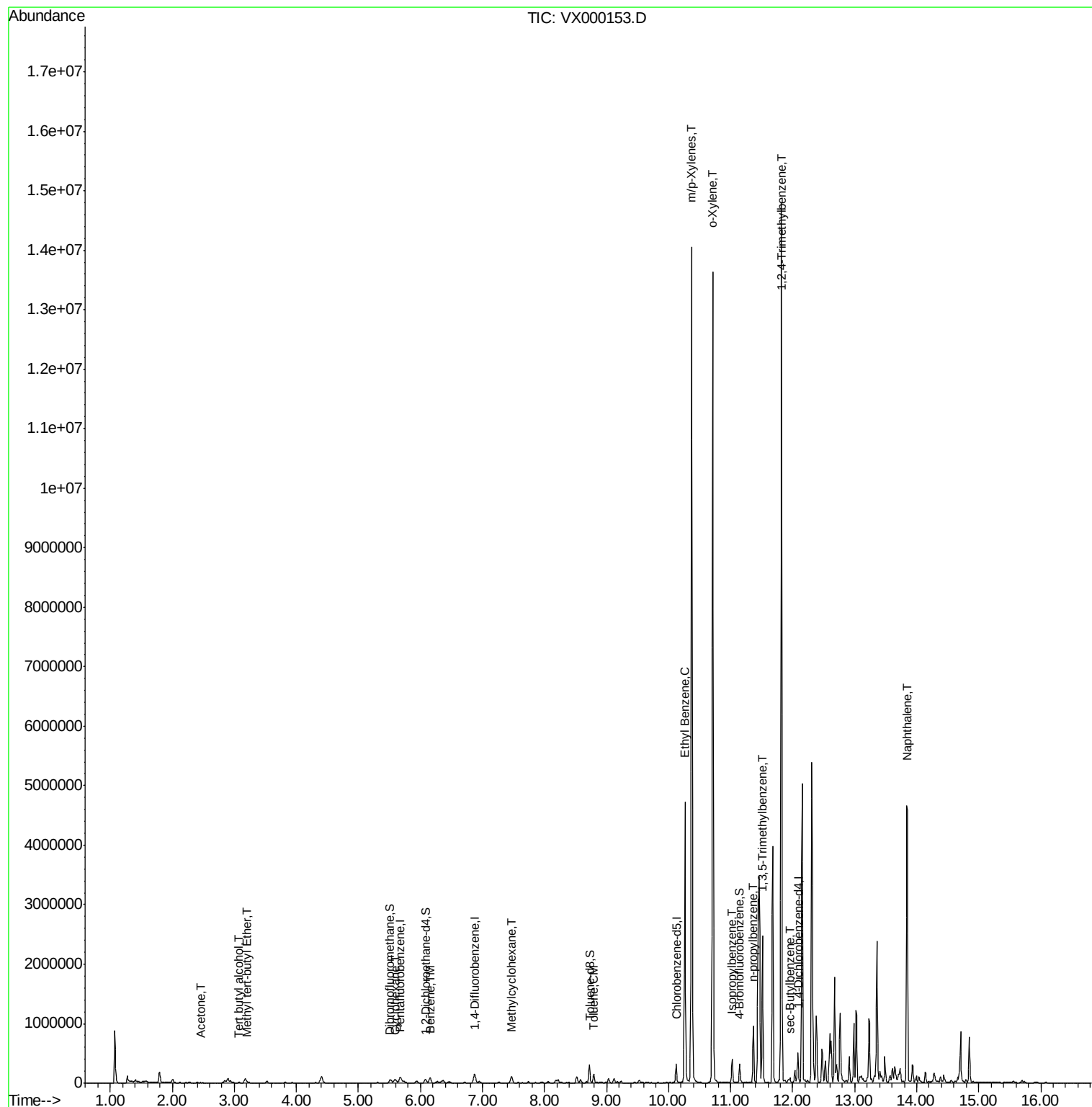
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
Data File : VX000153.D
Acq On : 27 Feb 2018 19:17
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Sample : J1683-02
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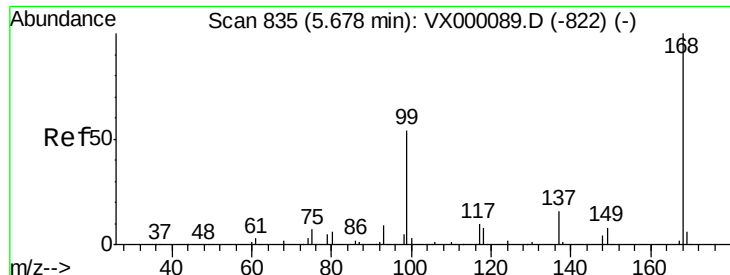
Instrument :
ClientSampleId :
RFK-RMAB-MW08-GW

Quant Time: Feb 28 05:57:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000153.D

Acq: 27 Feb 2018 19:17

Instrument :

ClientSampled :

RFK-RMAB-MW08-GW

Tot Ion:168 Resp: 91620

Ion Ratio Lower Upper

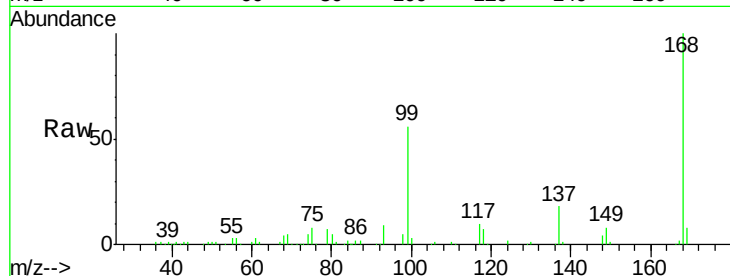
168 100

99 55.6 43.1 64.7

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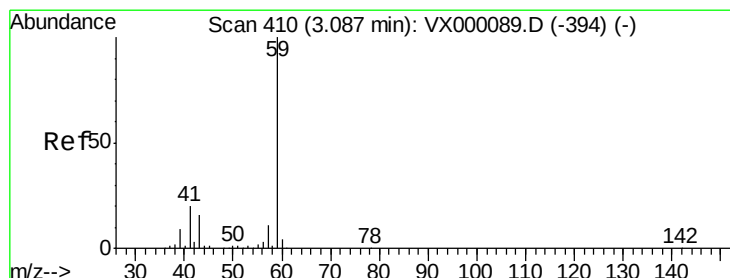
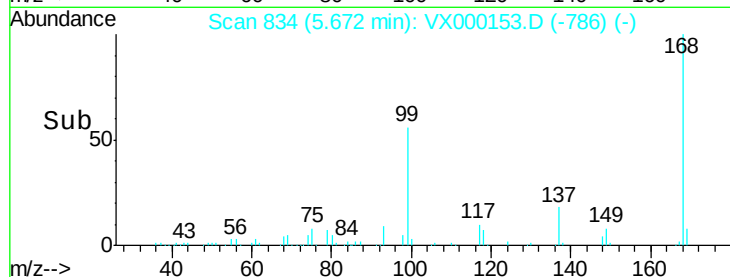
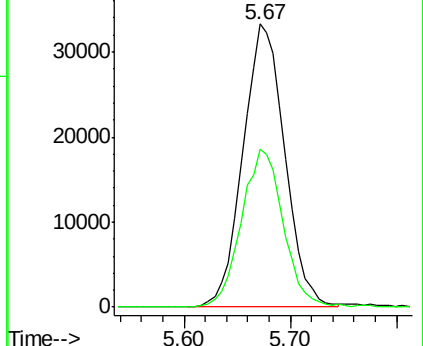
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 19.33 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX000153.D

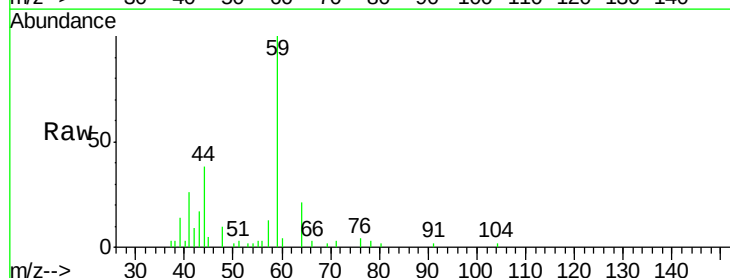
Acq: 27 Feb 2018 19:17

Tgt Ion: 59 Resp: 8521

Ion Ratio Lower Upper

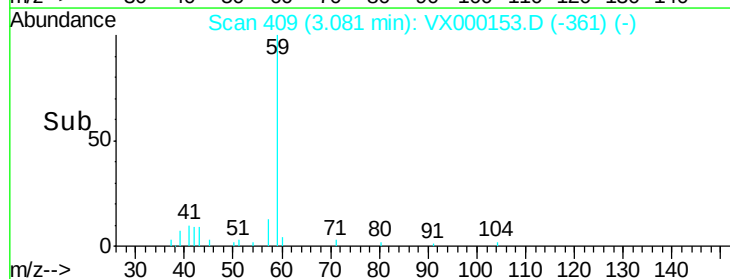
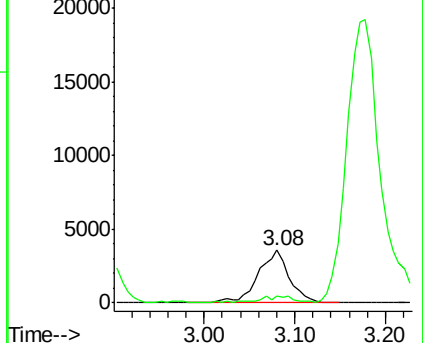
59 100

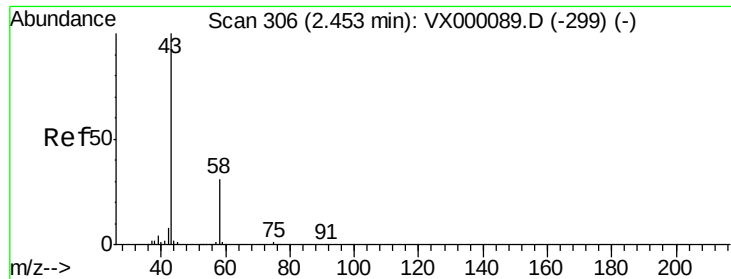
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 7.22 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000153.D

Acq: 27 Feb 2018 19:17

Instrument :

ClientSampled :

RFK-RMAB-MW08-GW

Tot Ion: 43 Resp: 5354

Ion Ratio Lower Upper

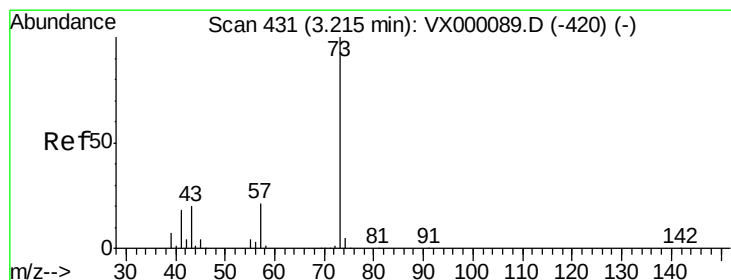
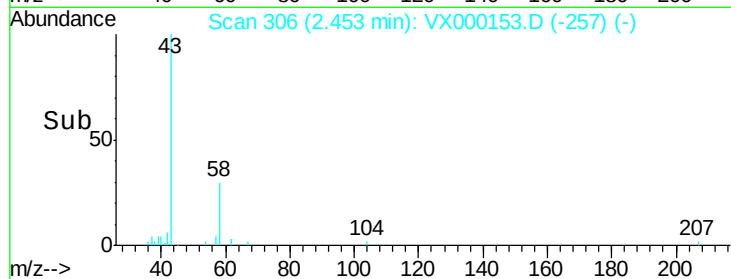
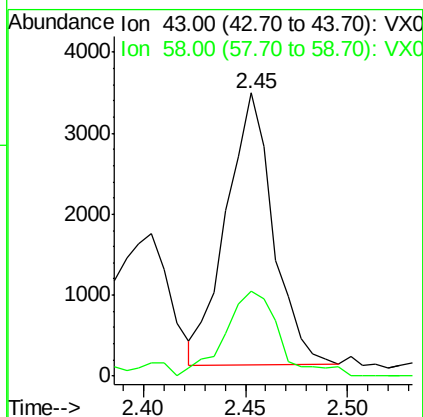
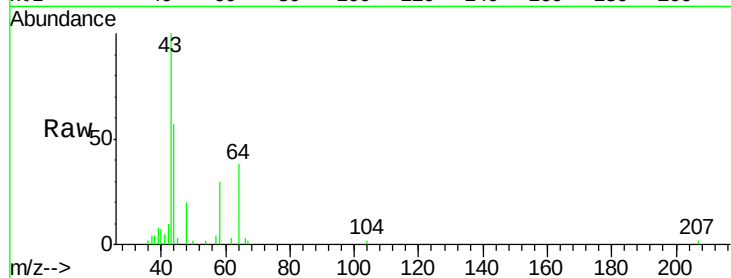
43 100

58 28.3 25.0 37.4

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#19

Methyl tert-butyl Ether

Concen: 6.04 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000153.D

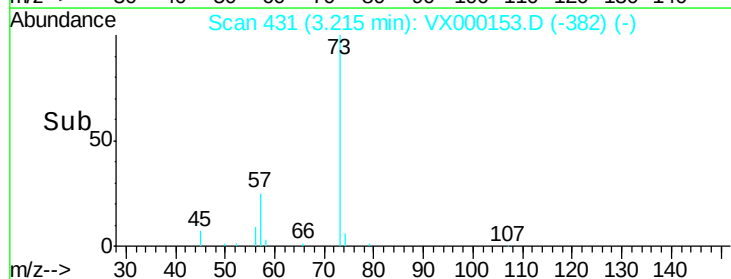
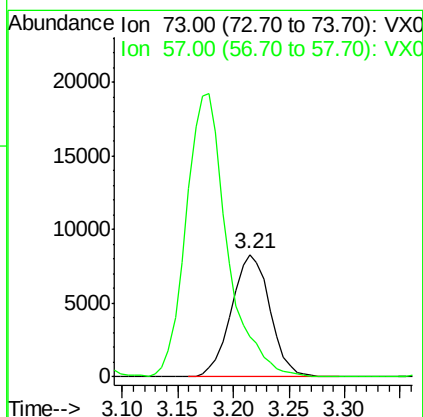
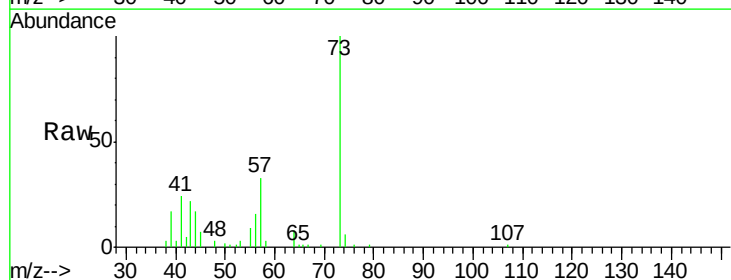
Acq: 27 Feb 2018 19:17

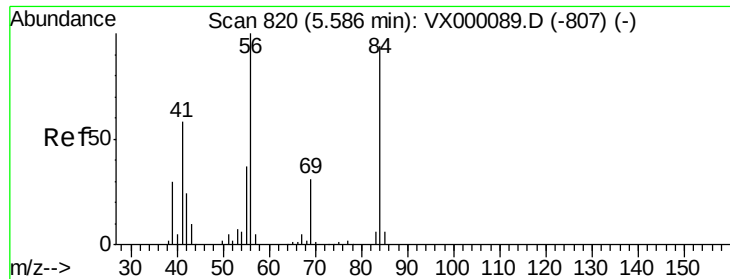
Tgt Ion: 73 Resp: 19898

Ion Ratio Lower Upper

73 100

57 33.3 16.4 24.6#





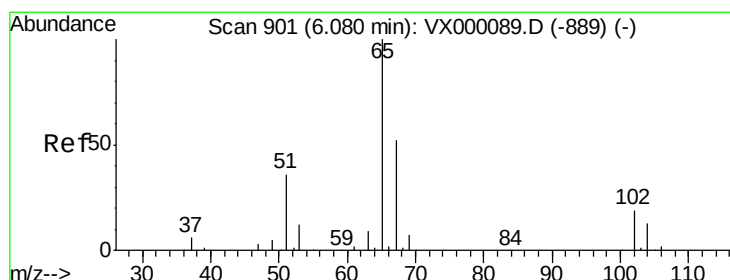
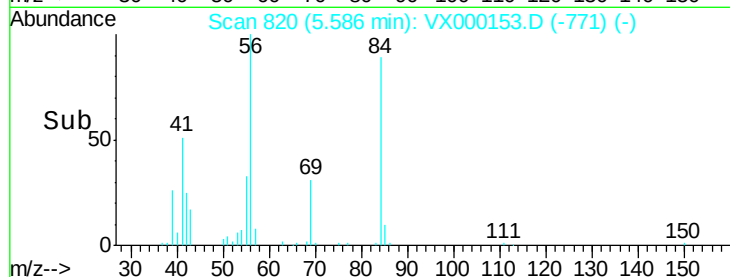
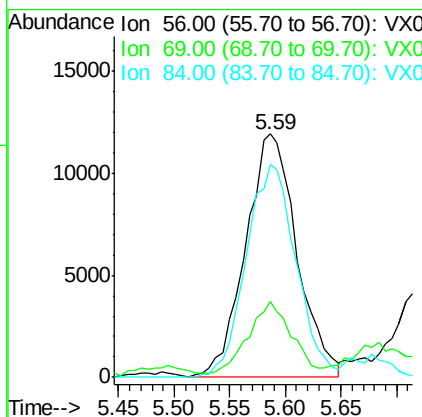
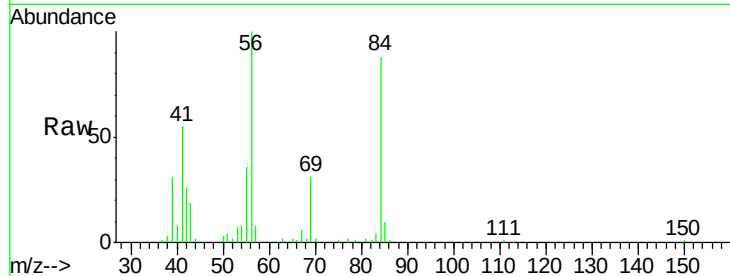
#31
Cyclohexane
Concen: 26.75 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Instrument :
ClientSampled :
RFK-RMAB-MW08-GW

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.9	37.3
84	87.7	75.0	112.4

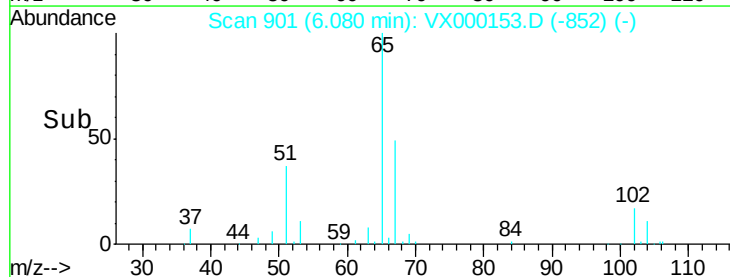
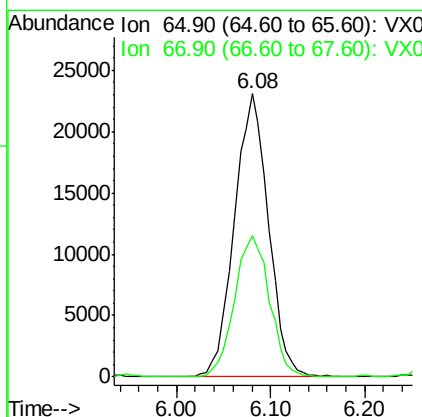
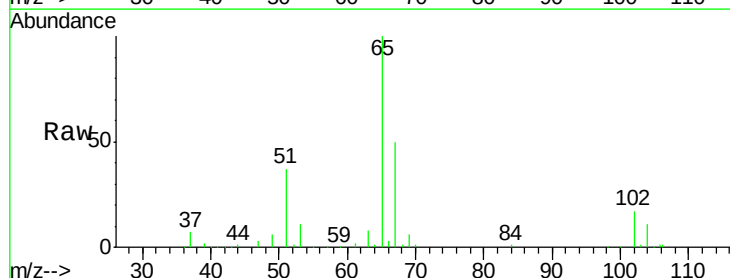
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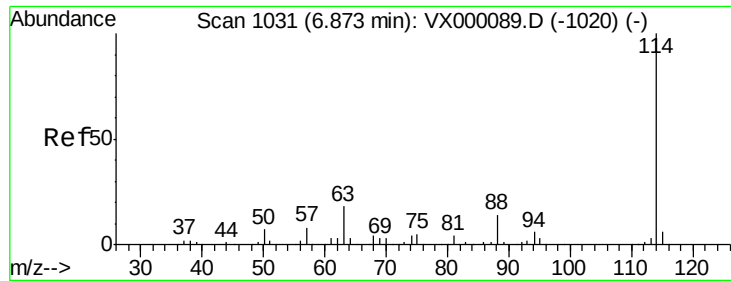
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#33
1,2-Dichloroethane-d4
Concen: 50.52 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000153.D

Acq: 27 Feb 2018 19:17

Instrument :

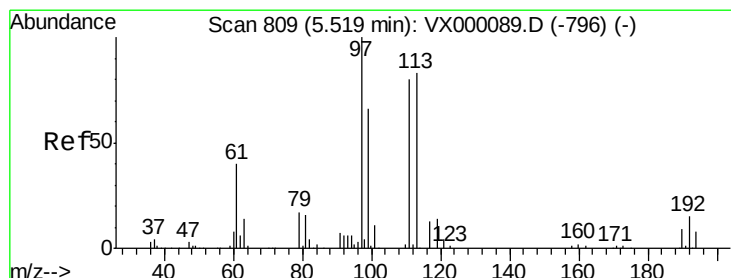
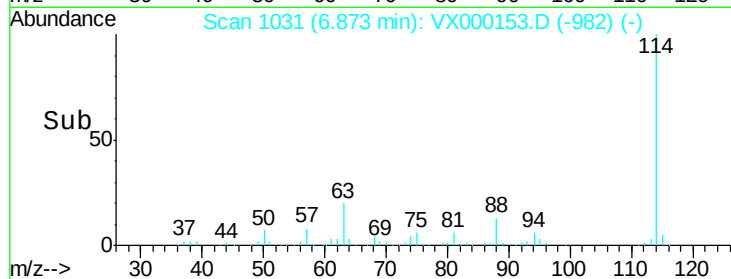
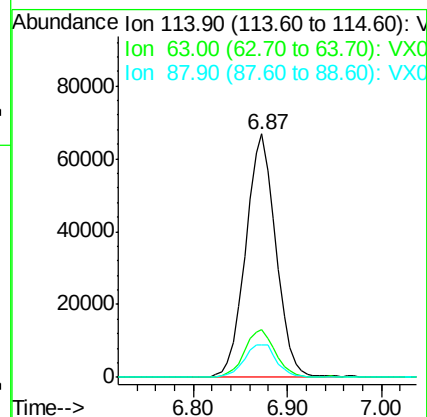
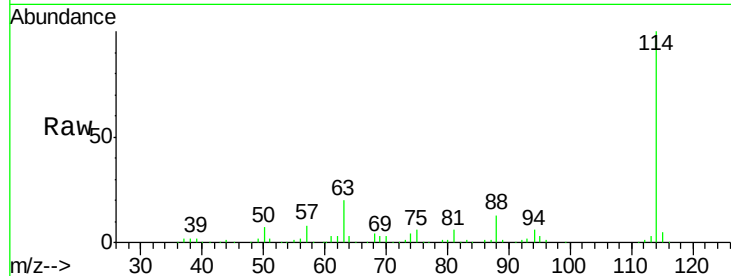
ClientSampleId :

RFK-RMAB-MW08-GW

Tot Ion:	114	Resp:	149599
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	36.4
88	13.4	0.0	29.0

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#35

Dibromofluoromethane

Concen: 47.38 ug/l

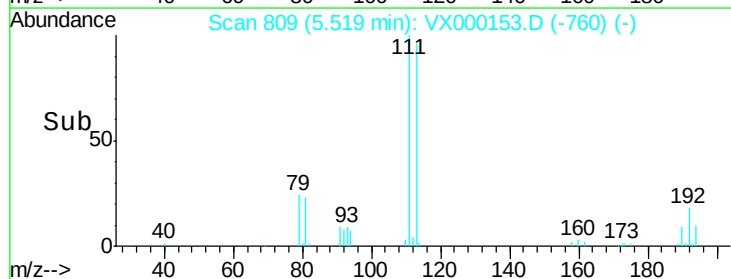
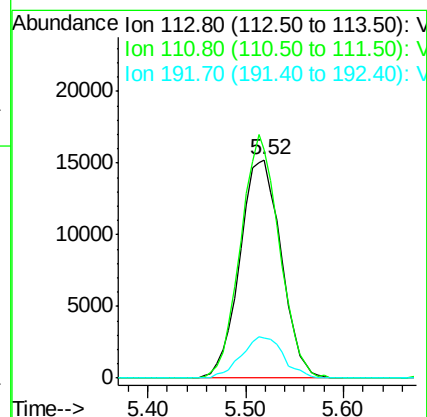
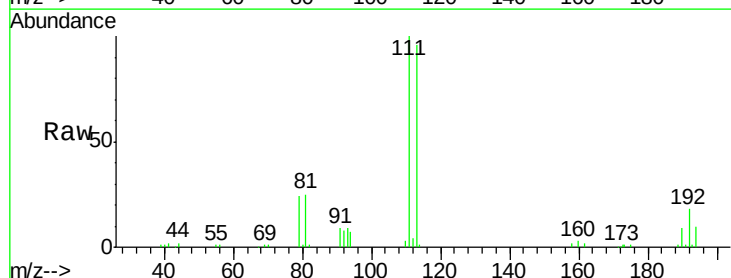
RT: 5.52 min Scan# 809

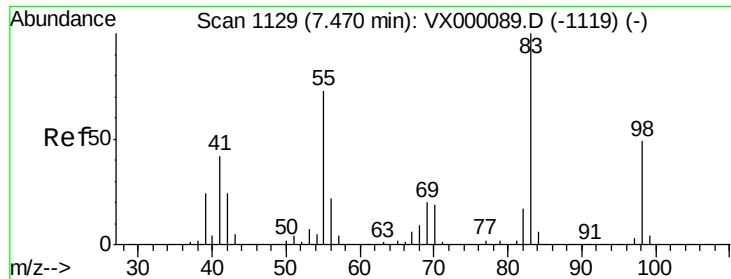
Delta R.T. -0.00 min

Lab File: VX000153.D

Acq: 27 Feb 2018 19:17

Tgt Ion:	113	Resp:	44731
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.0	121.6
192	19.1	15.7	23.5





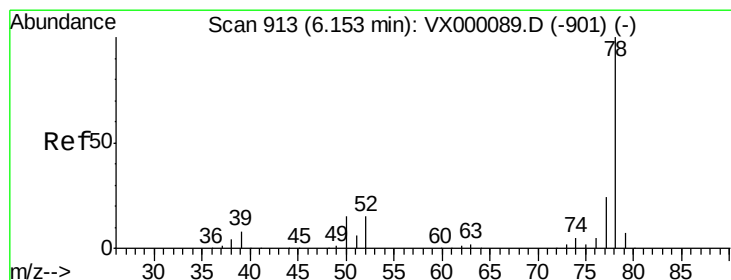
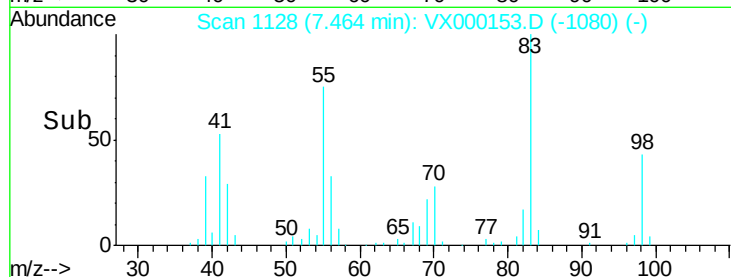
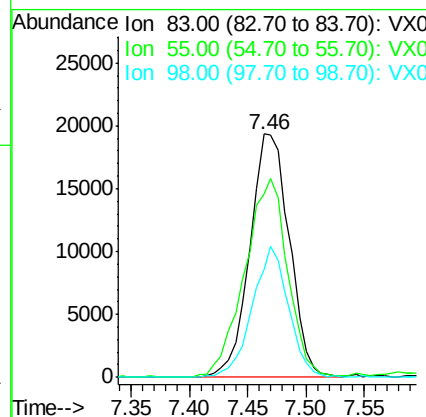
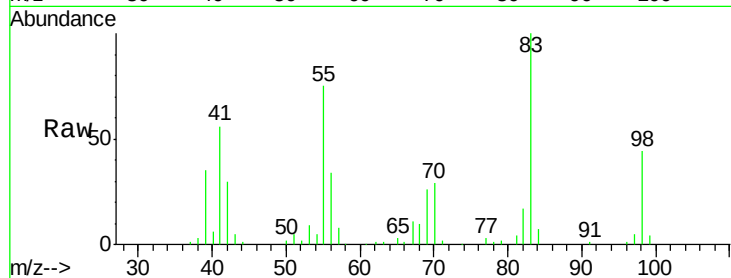
#39
Methylvlcyclohexane
Concen: 28.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Instrument :
ClientSampled :
RFK-RMAB-MW08-GW

Tot Ion	83	Resp	45549
Ion Ratio	100	Lower	Upper
83	100		
55	75.0	58.2	87.2
98	44.2	39.0	58.6

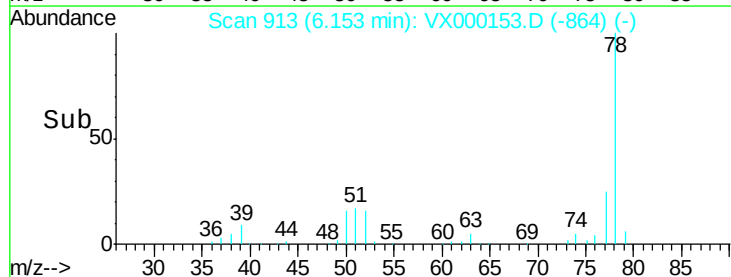
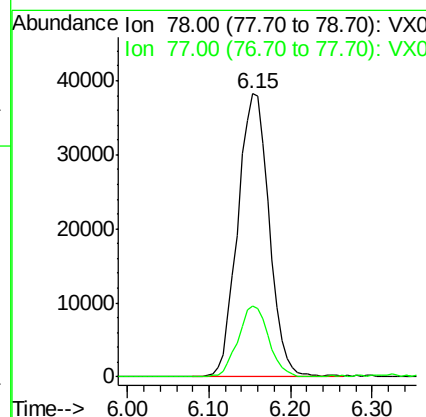
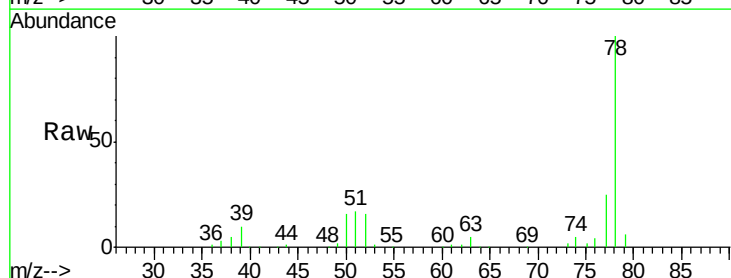
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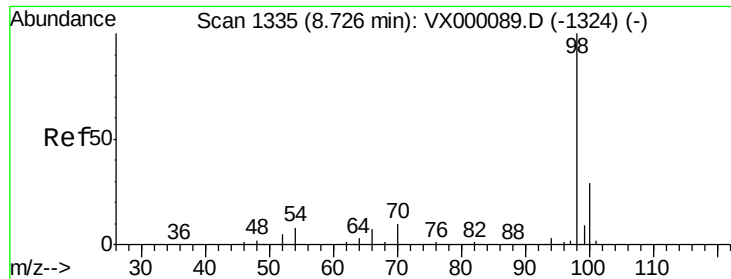
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#40
Benzene
Concen: 26.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Tgt Ion	78	Resp	101942
Ion Ratio	100	Lower	Upper
78	100		
77	24.9	19.4	29.0





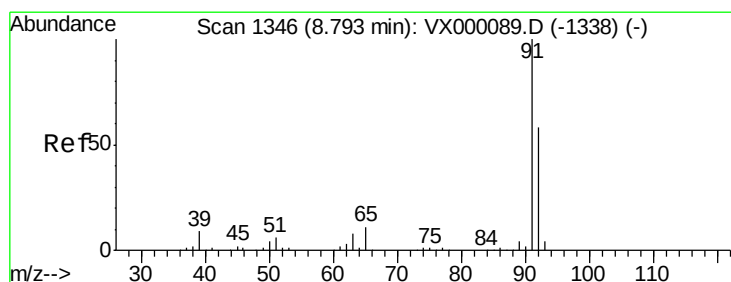
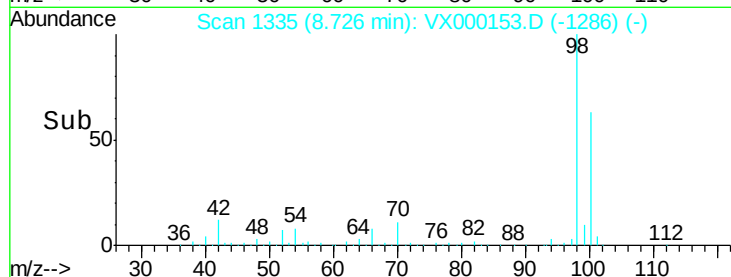
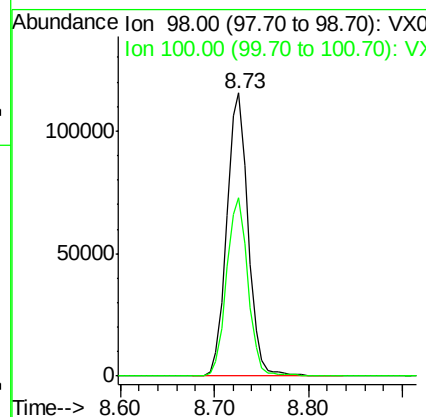
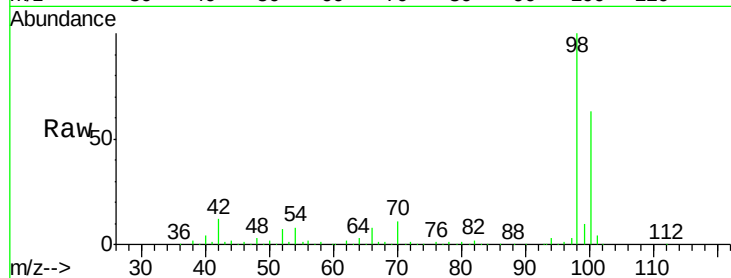
#50
Toluene-d8
Concen: 48.44 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Instrument :
ClientSampled :
RFK-RMAB-MW08-GW

Tot Ion: 98 Resp: 180430
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2

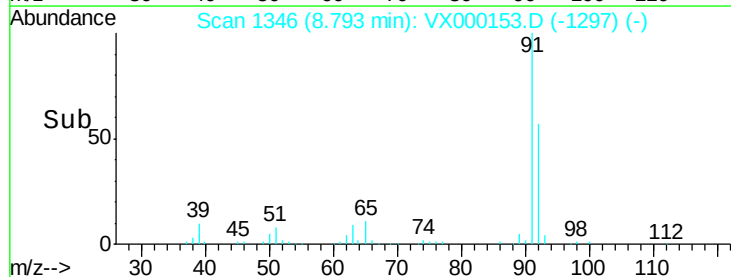
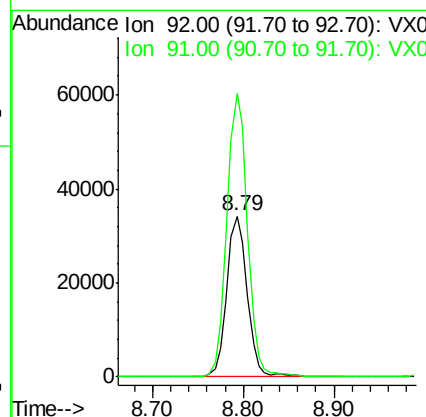
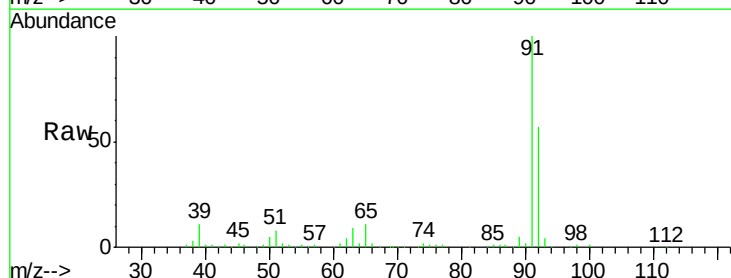
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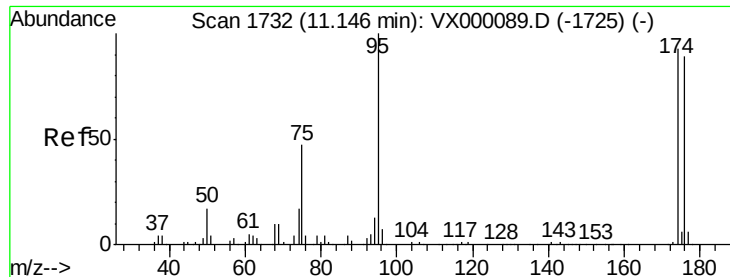
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#52
Toluene
Concen: 21.09 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Tgt Ion: 92 Resp: 54047
Ion Ratio Lower Upper
92 100
91 177.4 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 52.67 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000153.D

Acq: 27 Feb 2018 19:17

Instrument :

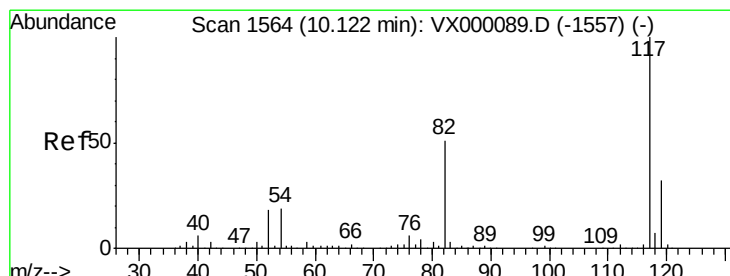
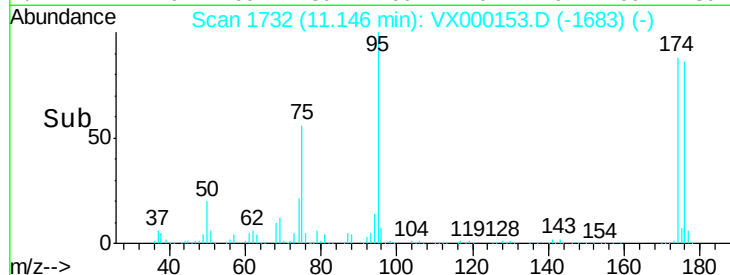
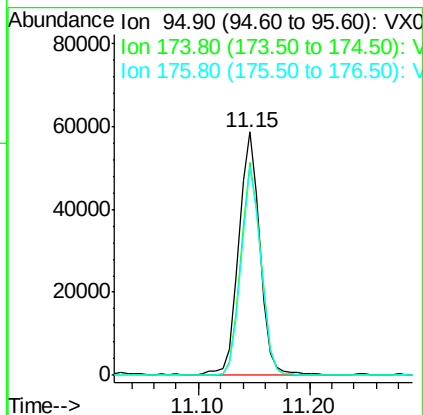
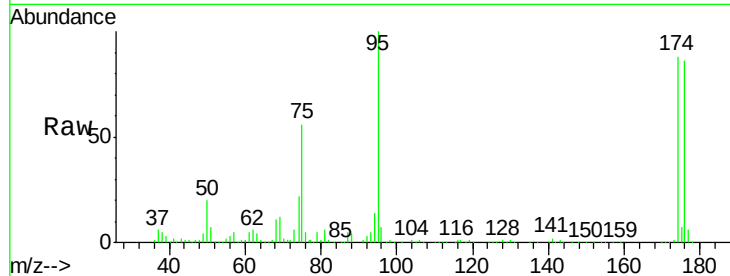
ClientSampled :

RFK-RMAB-MW08-GW

Tot Ion:	95	Resp:	76915
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	187.8
176	81.2	0.0	181.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

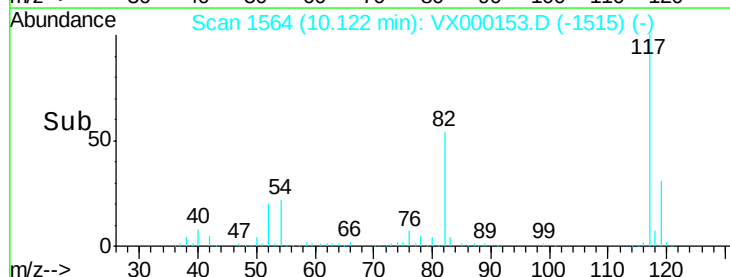
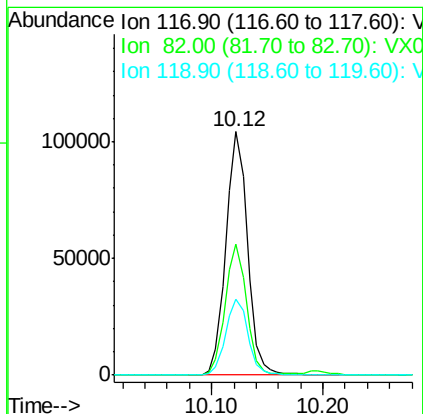
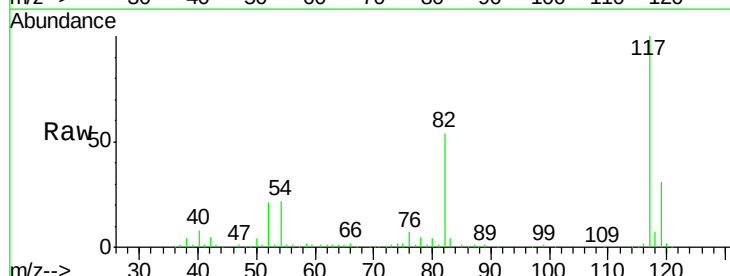
RT: 10.12 min Scan# 1564

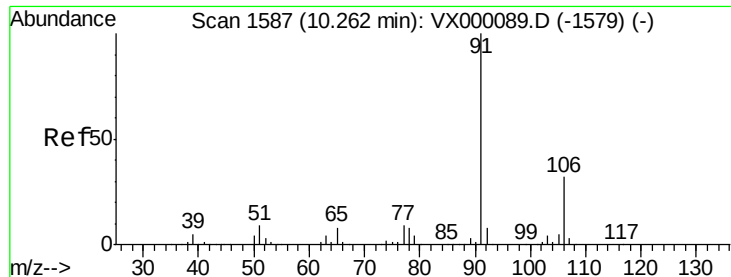
Delta R.T. -0.00 min

Lab File: VX000153.D

Acq: 27 Feb 2018 19:17

Tgt Ion:	117	Resp:	140420
Ion Ratio	Lower	Upper	
117	100		
82	53.7	41.0	61.6
119	31.4	25.5	38.3





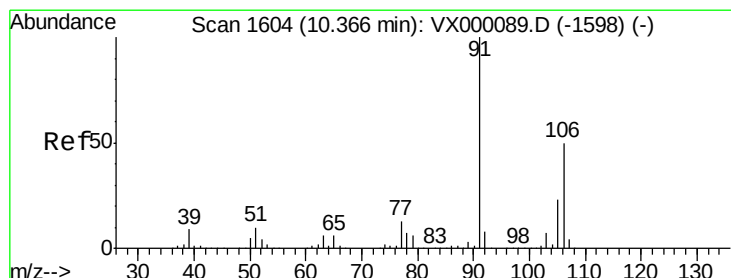
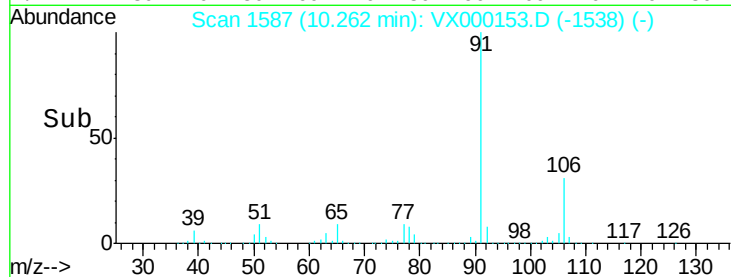
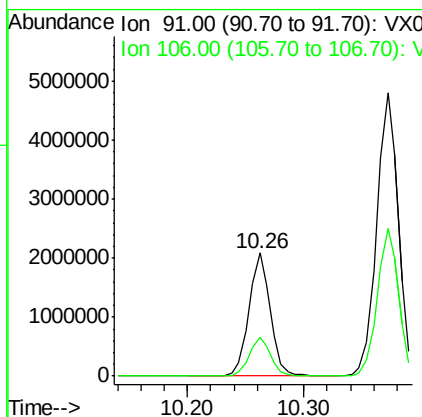
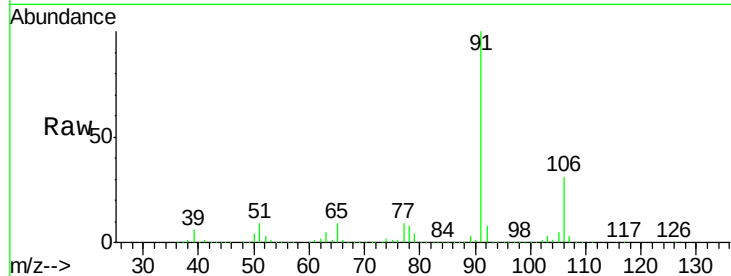
#67
Ethyl Benzene
Concen: 538.82 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Instrument :
Client Sampled :
RFK-RMAB-MW08-GW

Tot Ion: 91 Resp: 2681432
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6

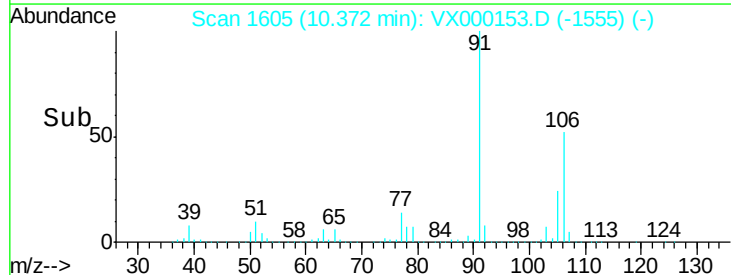
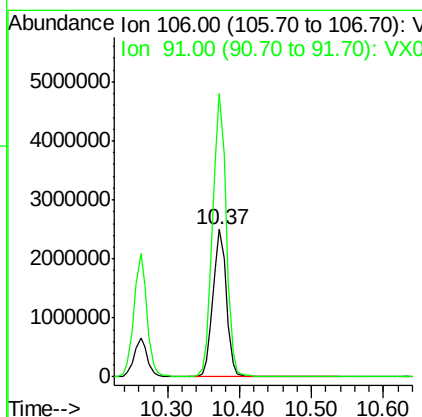
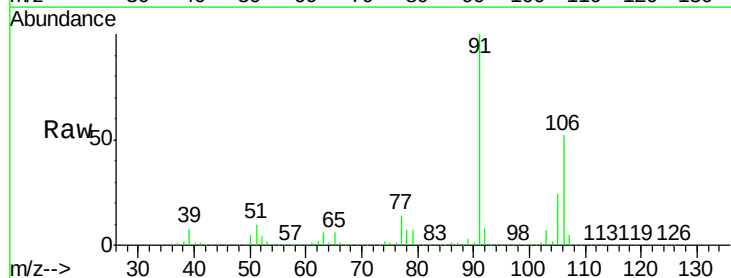
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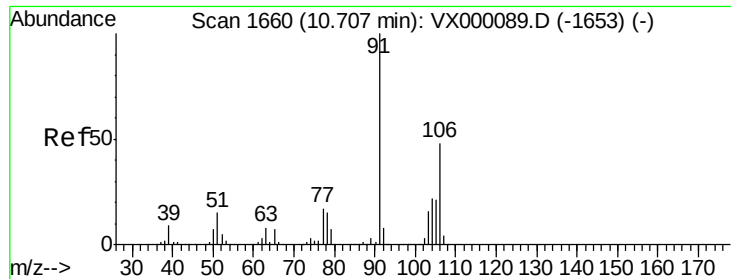
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#68
m/p-Xylenes
Concen: 1630.53 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Tgt Ion: 106 Resp: 3213103
Ion Ratio Lower Upper
106 100
91 194.4 159.1 238.7





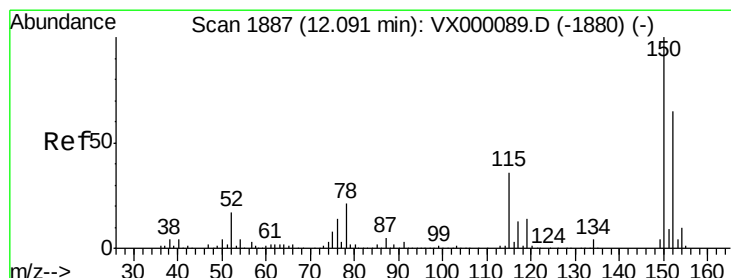
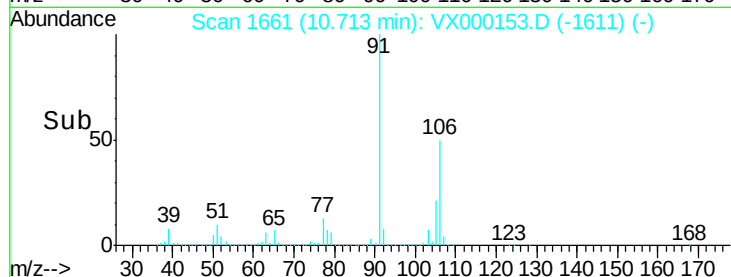
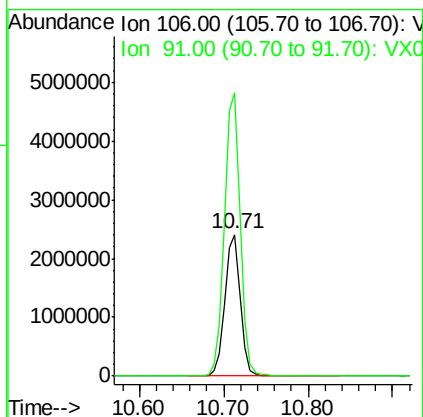
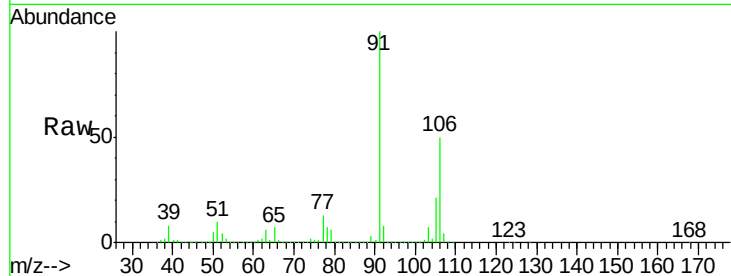
#69
o-Xylene
Concen: 1615.56 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Instrument :
ClientSampled :
RFK-RMAB-MW08-GW

Tot Ion:106 Resp: 3070443
Ion Ratio Lower Upper
106 100
91 205.3 103.8 311.6

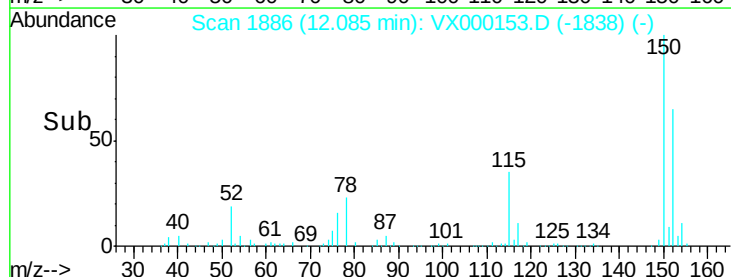
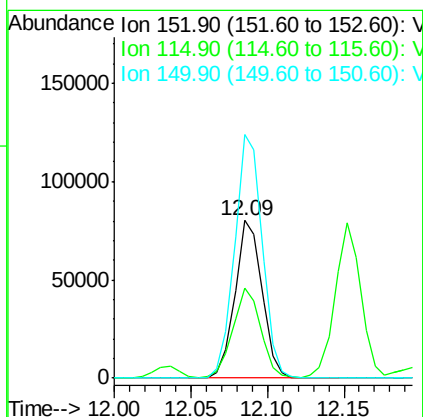
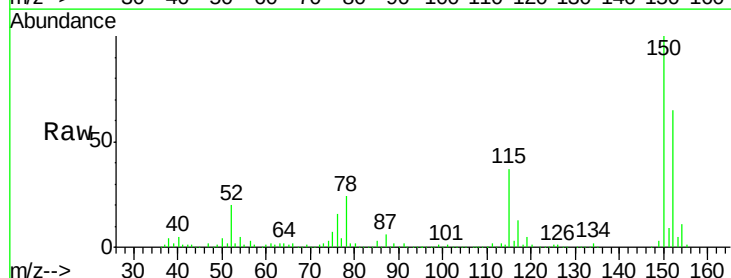
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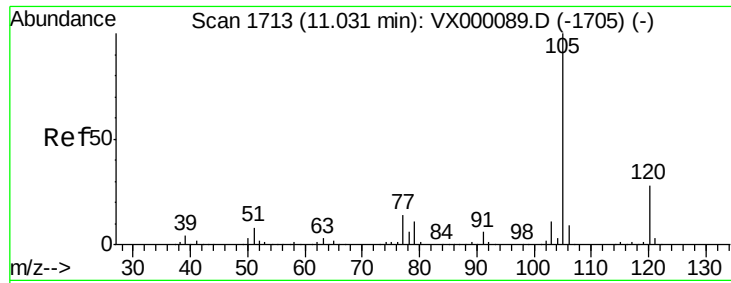
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Tgt Ion:152 Resp: 98224
Ion Ratio Lower Upper
152 100
115 57.1 39.1 117.2
150 157.4 0.0 348.2





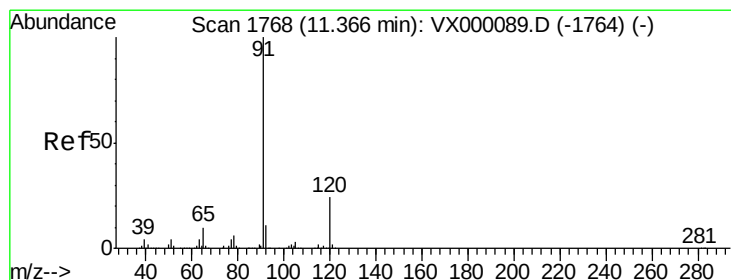
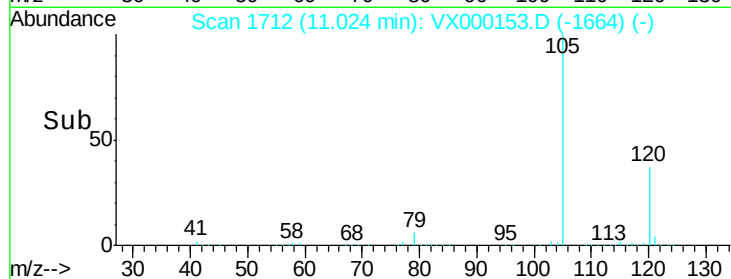
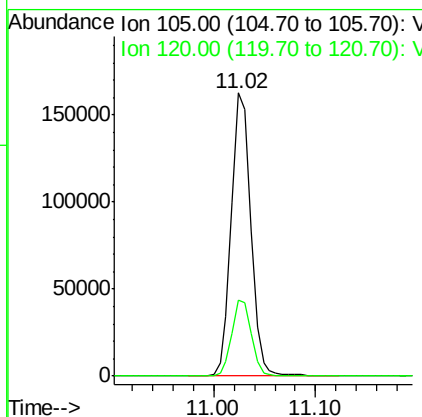
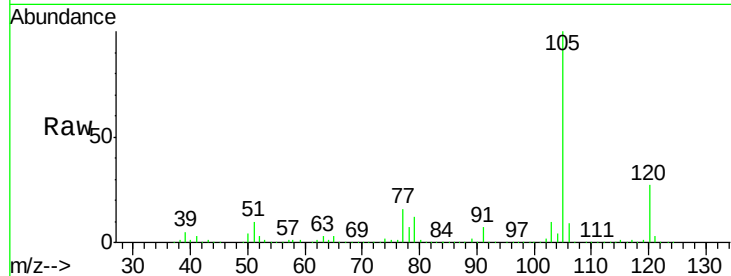
#73
Isopropylbenzene
Concen: 34.50 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Instrument :
ClientSampled :
RFK-RMAB-MW08-GW

Tot Ion: 105 Resp: 214741
Ion Ratio Lower Upper
105 100
120 27.0 14.0 42.0

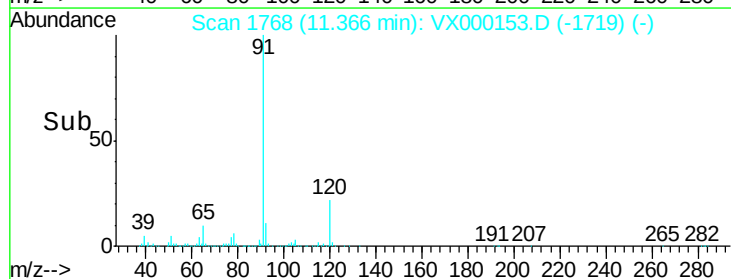
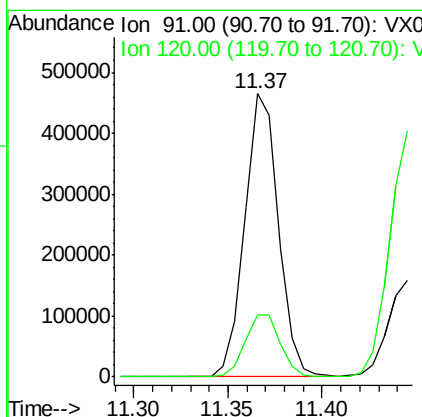
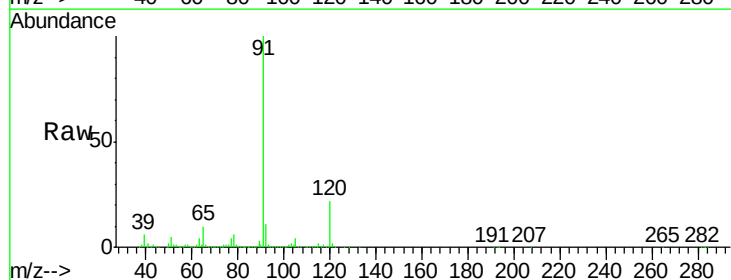
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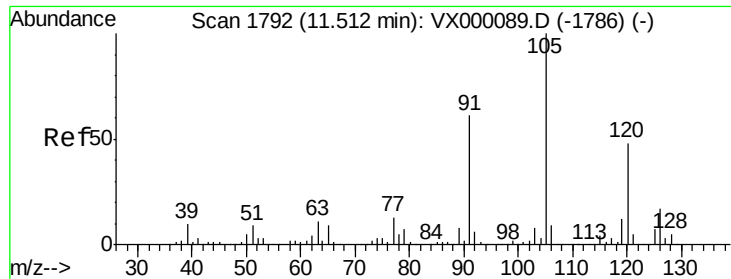
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#78
n-propylbenzene
Concen: 78.75 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000153.D
Acq: 27 Feb 2018 19:17

Tgt Ion: 91 Resp: 577998
Ion Ratio Lower Upper
91 100
120 23.1 12.3 36.9





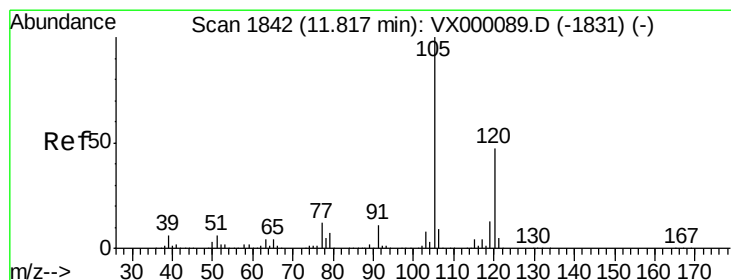
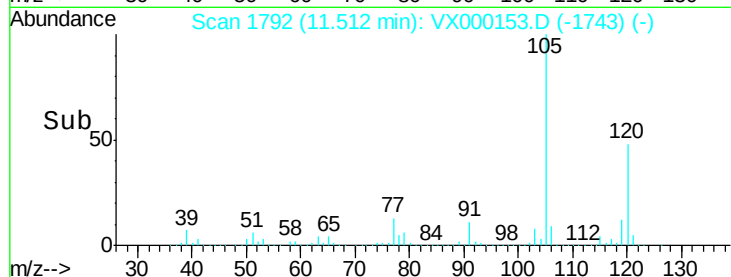
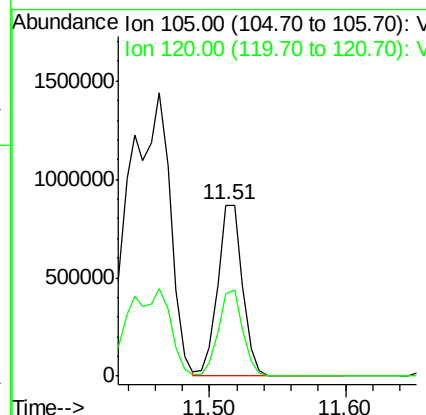
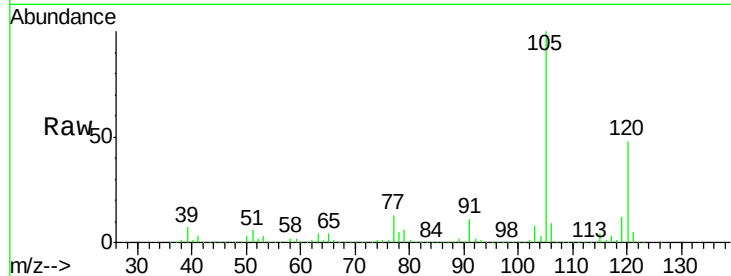
#80
 1,3,5-Trimethylbenzene
 Concen: 209.41 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000153.D
 Acq: 27 Feb 2018 19:17

Instrument :
 ClientSampled :
 RFK-RMAB-MW08-GW

Tot Ion:105 Resp: 1102112
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6

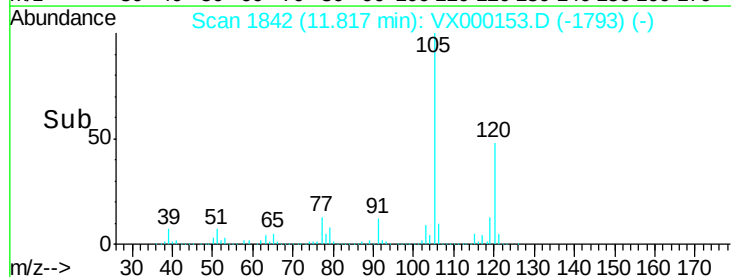
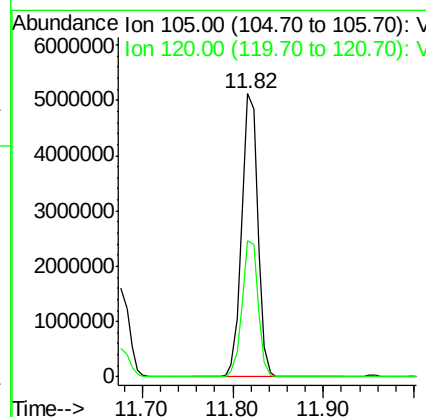
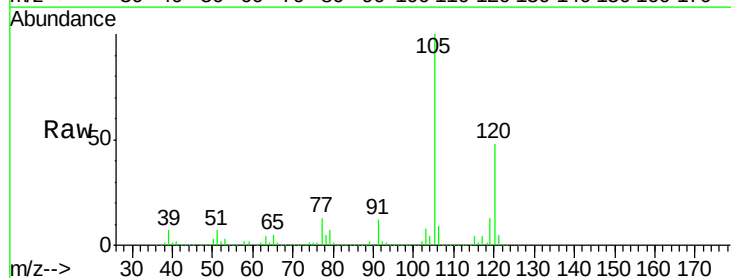
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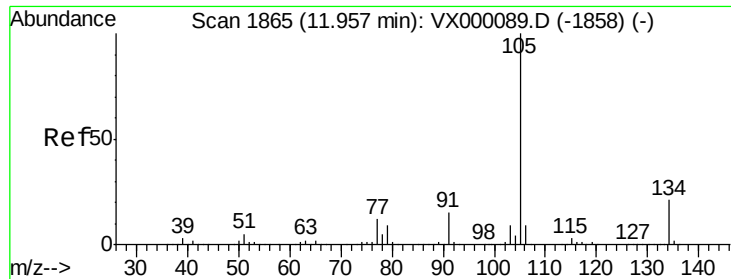
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#84
 1,2,4-Trimethylbenzene
 Concen: 1153.03 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000153.D
 Acq: 27 Feb 2018 19:17

Tgt Ion:105 Resp: 6300614
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.1 69.2





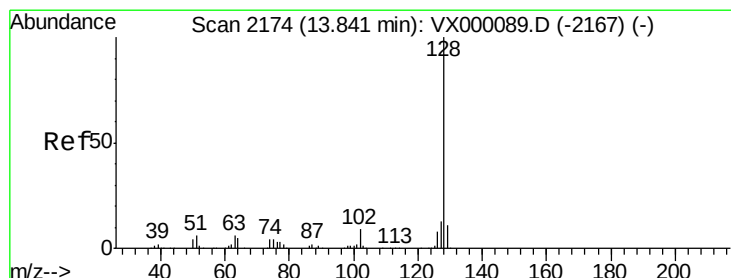
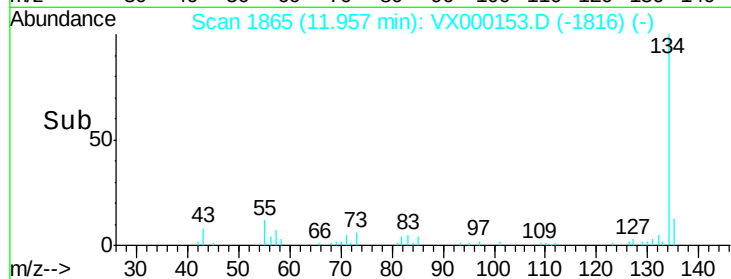
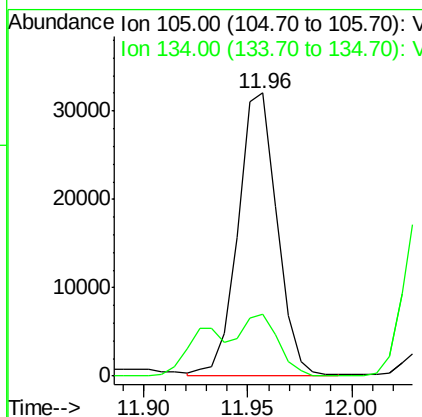
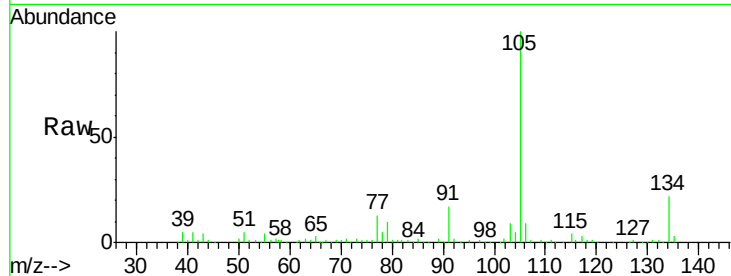
#85
 sec-Butylbenzene
 Concen: 6.33 ug/l m
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000153.D
 Acq: 27 Feb 2018 19:17

Instrument :
 ClientSampled :
 RFK-RMAB-MW08-GW

Tot Ion:105 Resp: 41789
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#

Manual Integrations
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#95
 Naphthalene
 Concen: 375.97 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX000153.D
 Acq: 27 Feb 2018 19:17

Tgt Ion:128 Resp: 3046694
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 11.1 8.7 13.1

