

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000172.D
 Acq On : 28 Feb 2018 17:28
 Operator : JC/MD
 Sample : J1683-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

Manual Integrations
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 3/1/2018 12:53:02 PM

Quant Time: Mar 01 07:12:54 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	5.68	168	84486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	135027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	73733	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	53596	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.60%		
35) Dibromofluoromethane	5.52	113	41323	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.98%		
50) Toluene-d8	8.73	98	167558	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.68%		
62) 4-Bromofluorobenzene	11.15	95	61481	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.28%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	4998	12.29	ug/l #	94
16) Acetone	2.45	43	3226	4.71	ug/l	89
25) 2-Butanone	4.73	43	2428	2.54	ug/l	91
39) Methylcyclohexane	7.47	83	1579	1.08	ug/l #	85
40) Benzene	6.15	78	5478	1.58	ug/l	94
52) Toluene	8.79	92	1012	0.44	ug/l	89
67) Ethyl Benzene	10.26	91	36438	7.85	ug/l	98
68) m/p-Xylenes	10.37	106	8901	4.84	ug/l	87
69) o-Xylene	10.71	106	32698	18.45	ug/l	91
73) Isopropylbenzene	11.02	105	10662	2.28	ug/l	97
78) n-propylbenzene	11.37	91	29898	5.43	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	303262	76.76	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	414173	100.97	ug/l	100
85) sec-Butylbenzene	11.95	105	10226m	2.06	ug/l	
95) Naphthalene	13.84	128	527285	86.68	ug/l	97

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

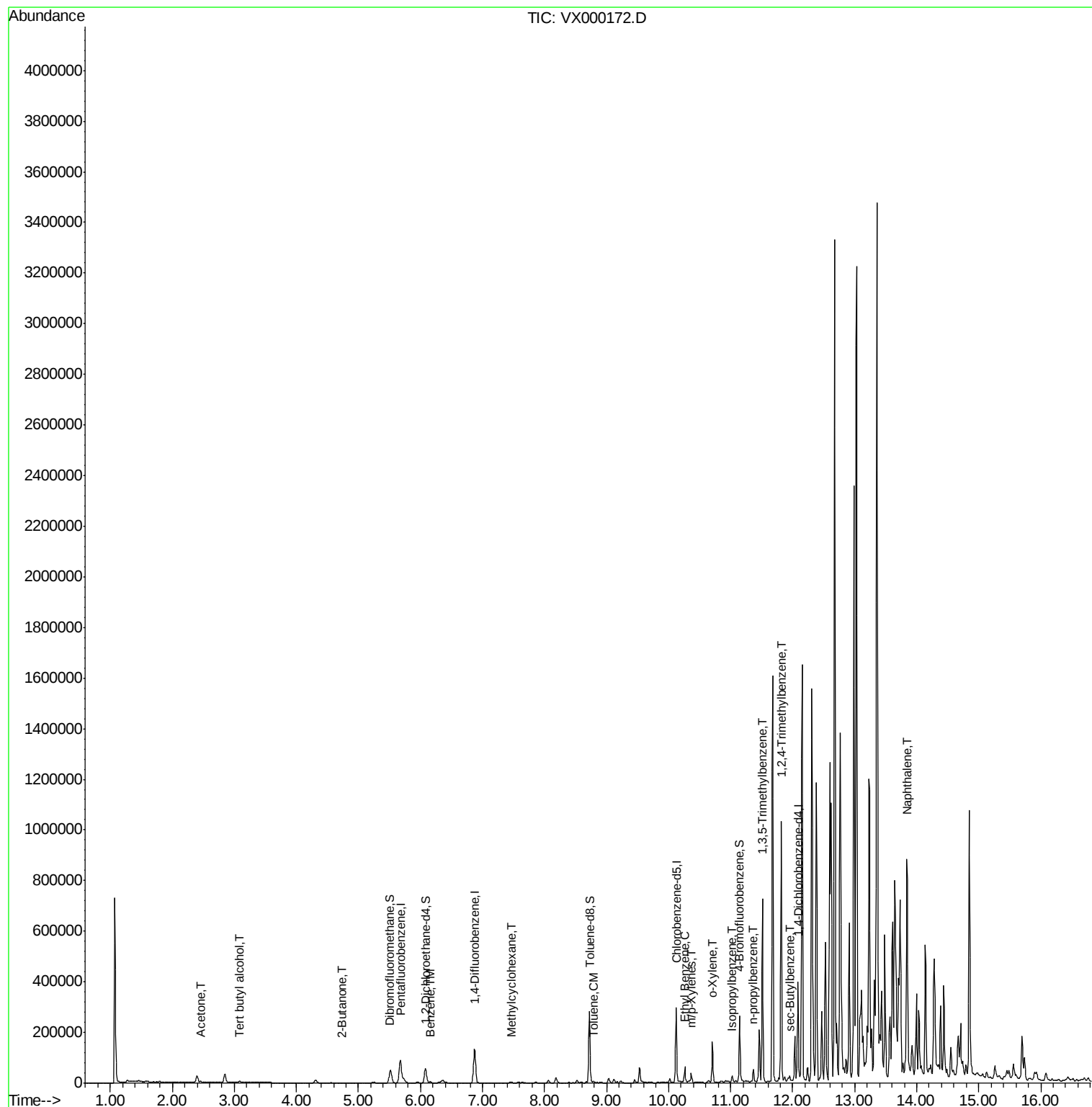
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
Data File : VX000172.D
Acq On : 28 Feb 2018 17:28
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Sample : J1683-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

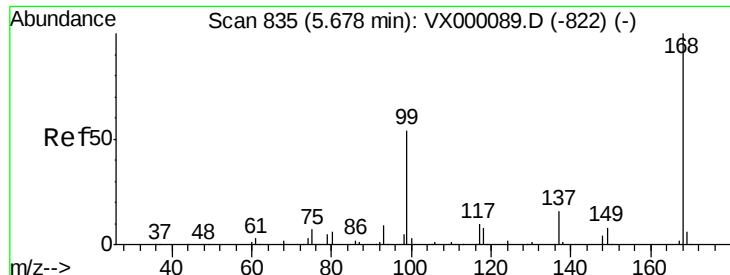
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

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3/1/2018 12:53:02 PM

Quant Time: Mar 01 07:12:54 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion:168 Resp: 84486

Ion Ratio Lower Upper

168 100

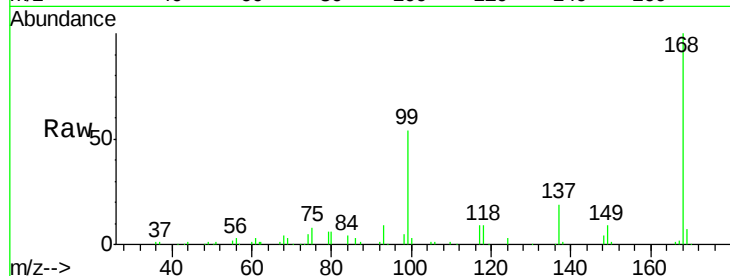
99 54.2 43.1 64.7

Manual Integrations

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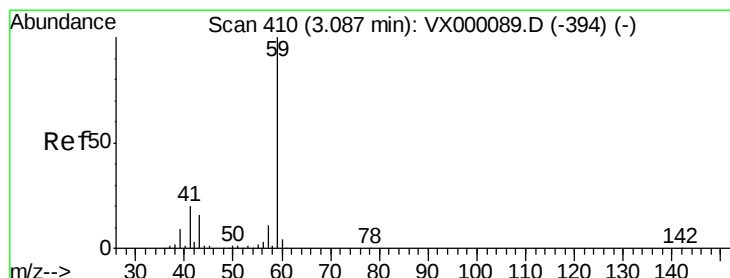
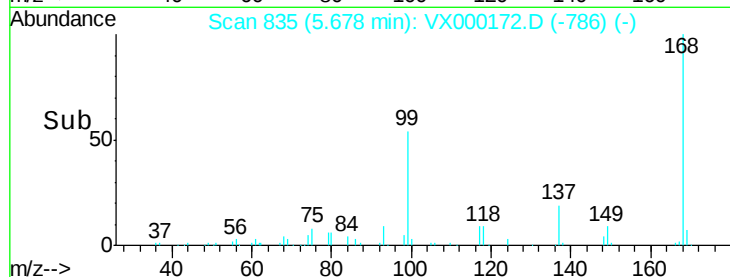
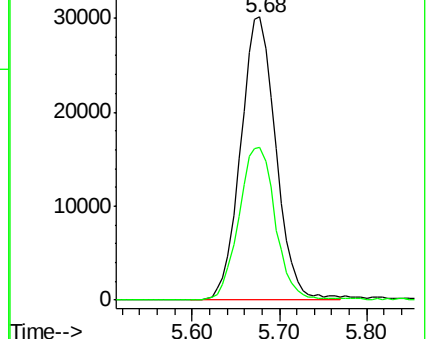
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 12.29 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX000172.D

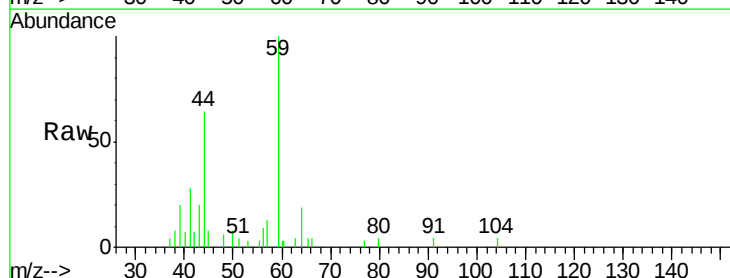
Acq: 28 Feb 2018 17:28

Tgt Ion: 59 Resp: 4998

Ion Ratio Lower Upper

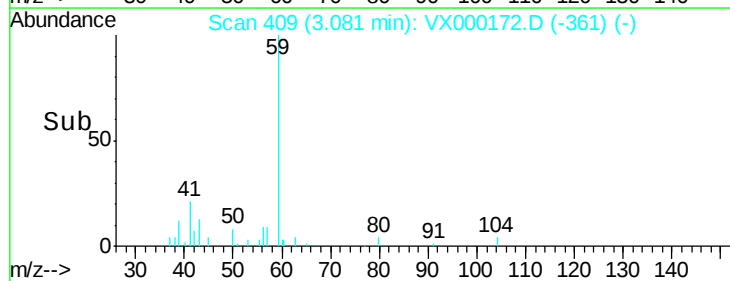
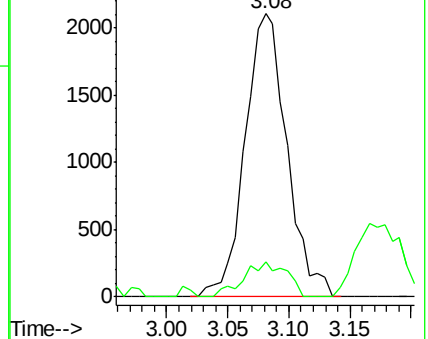
59 100

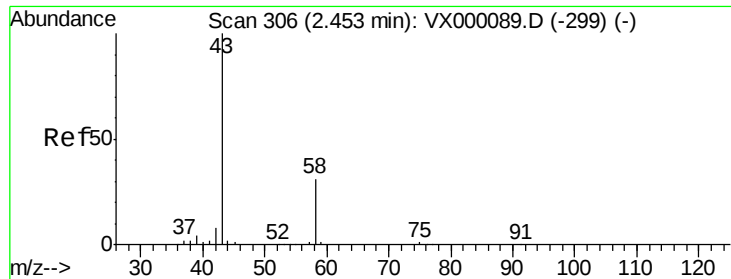
57 12.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 4.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion: 43 Resp: 3226

Ion Ratio Lower Upper

43 100

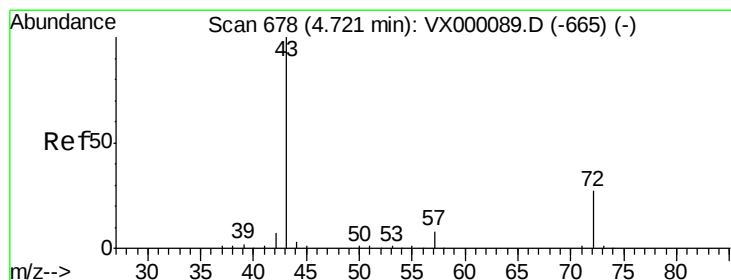
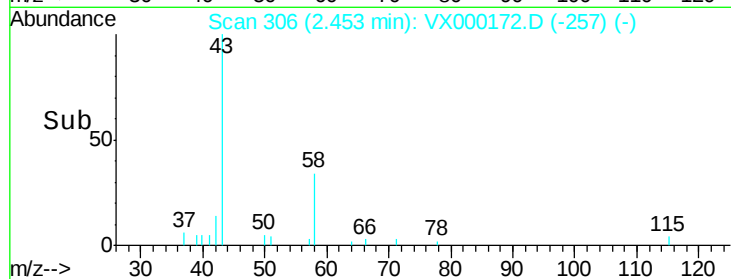
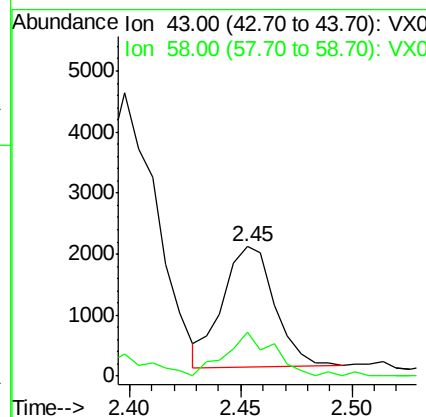
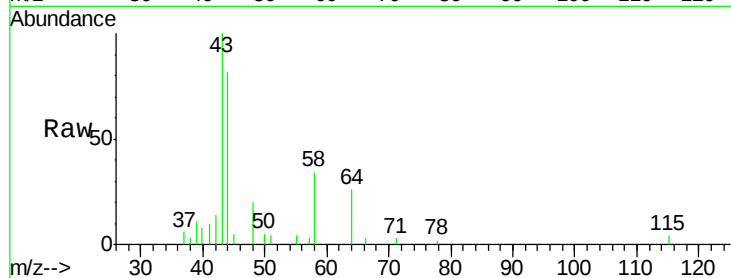
58 37.1 25.0 37.4

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#25

2-Butanone

Concen: 2.54 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX000172.D

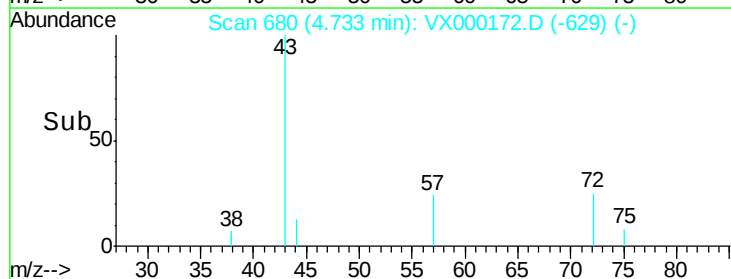
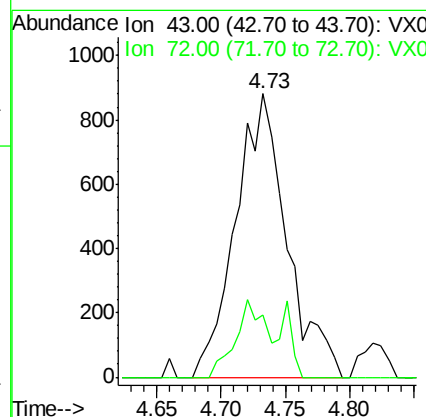
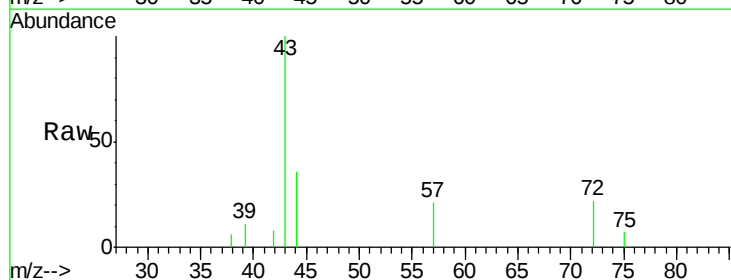
Acq: 28 Feb 2018 17:28

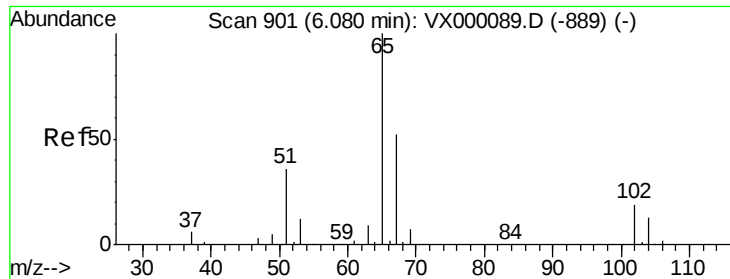
Tgt Ion: 43 Resp: 2428

Ion Ratio Lower Upper

43 100

72 21.9 21.3 31.9





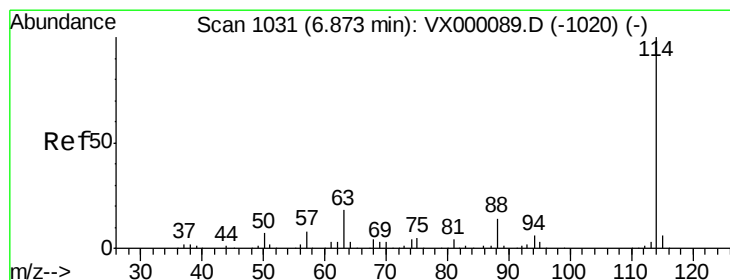
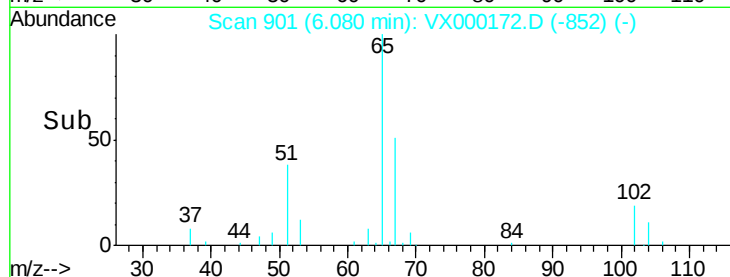
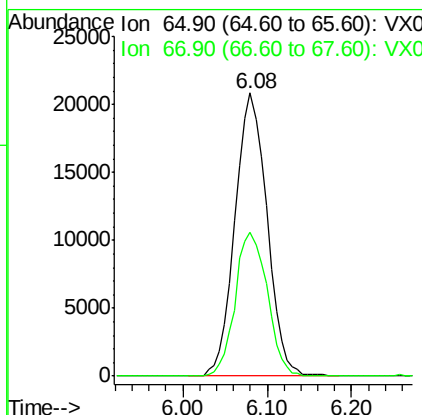
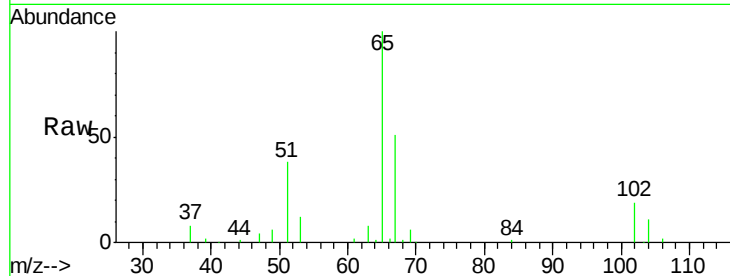
#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

Tot Ion	Ratio	Resp	Lower	Upper
65	100	53596		
67	50.7	0.0	104.8	

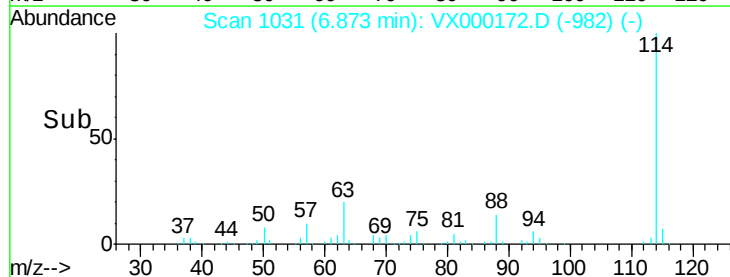
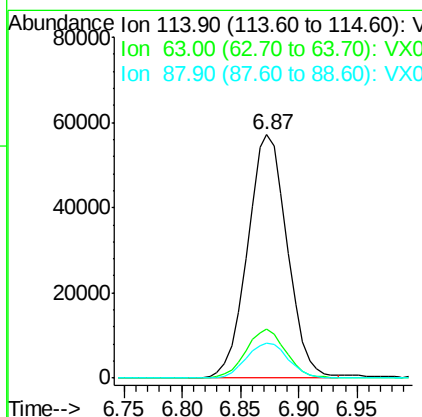
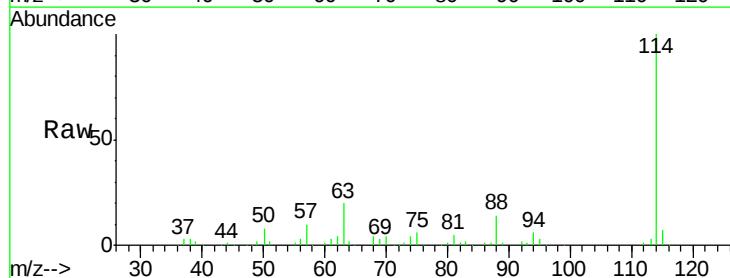
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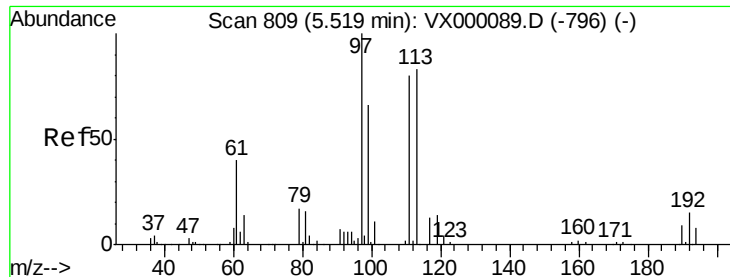
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000172.D
 Acq: 28 Feb 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	135027		
63	20.1	0.0	36.4	
88	14.5	0.0	29.0	





#35

Dibromofluoromethane

Concen: 48.49 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

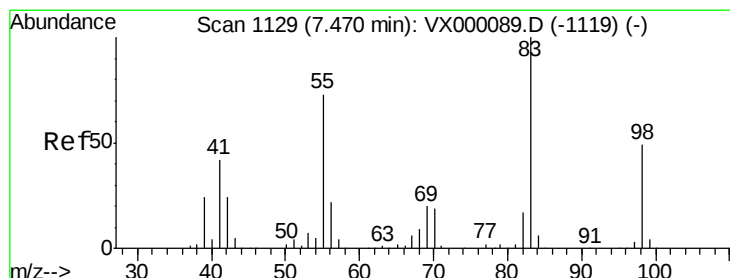
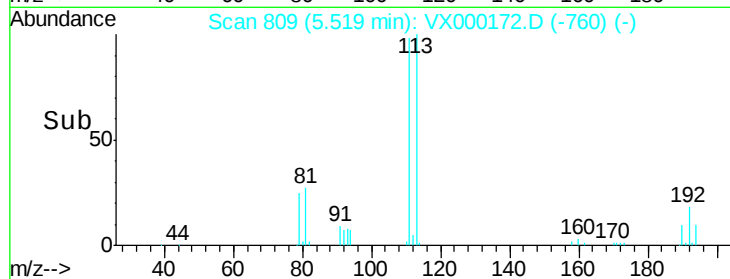
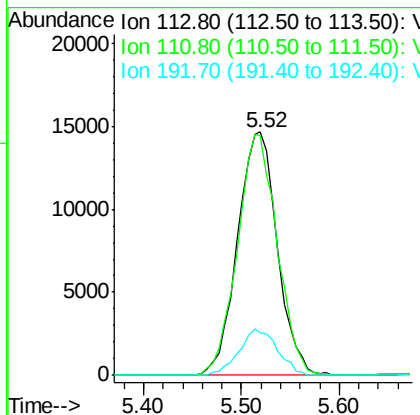
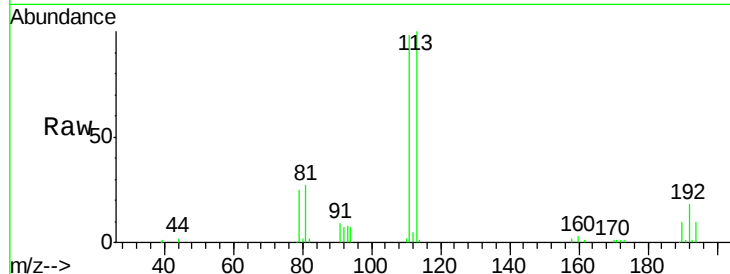
ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion:	113	Resp:	41323
Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.0	121.6
192	18.5	15.7	23.5

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#39

Methylcyclohexane

Concen: 1.08 ug/l

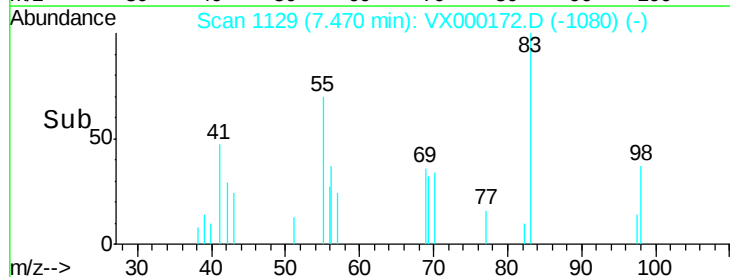
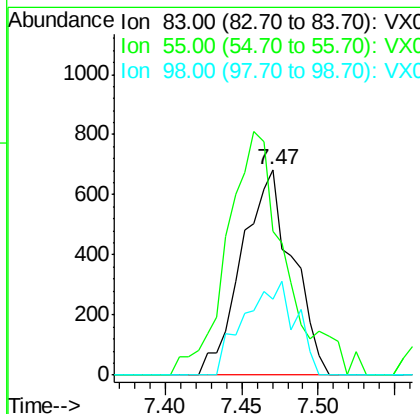
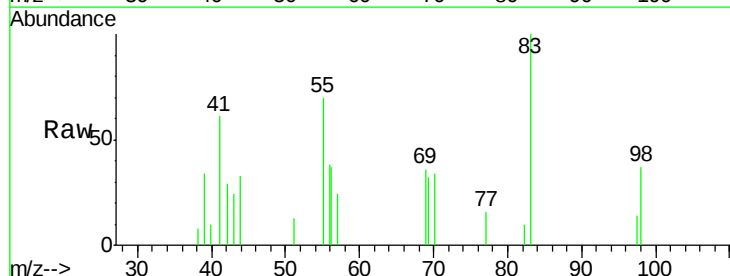
RT: 7.47 min Scan# 1129

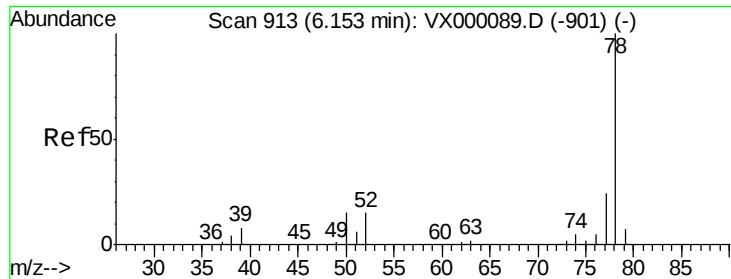
Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Tgt Ion:	83	Resp:	1579
Ion	Ratio	Lower	Upper
83	100		
55	61.1	58.2	87.2
98	36.7	39.0	58.6#





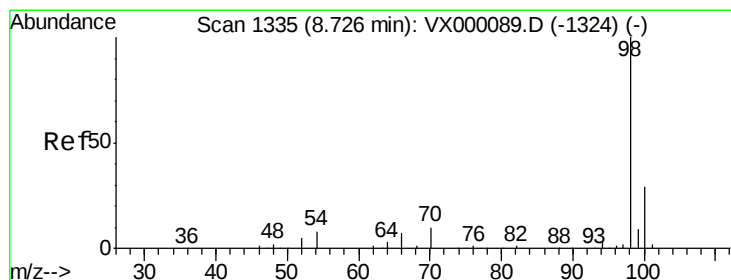
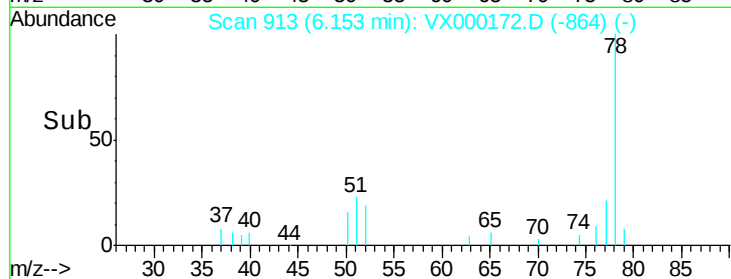
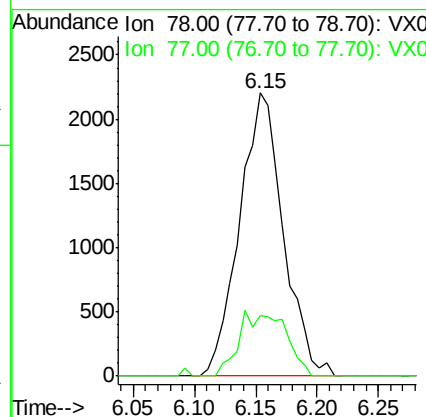
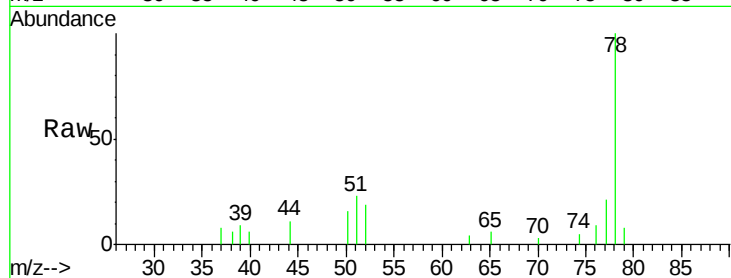
#40
Benzene
Concen: 1.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.4	29.0

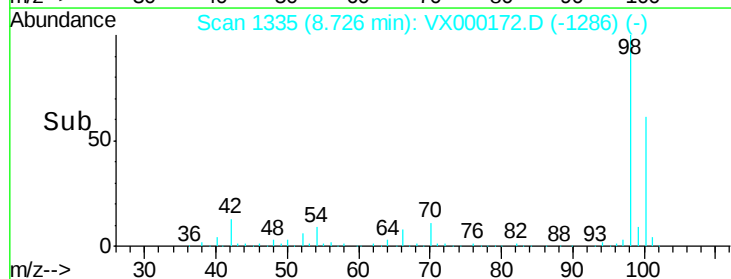
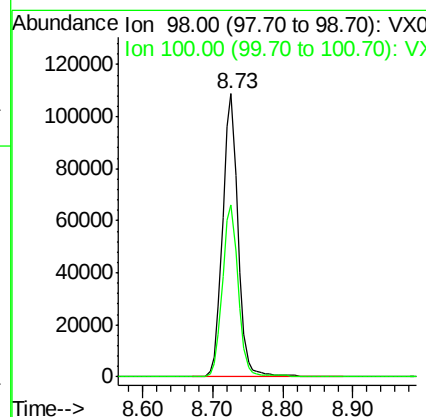
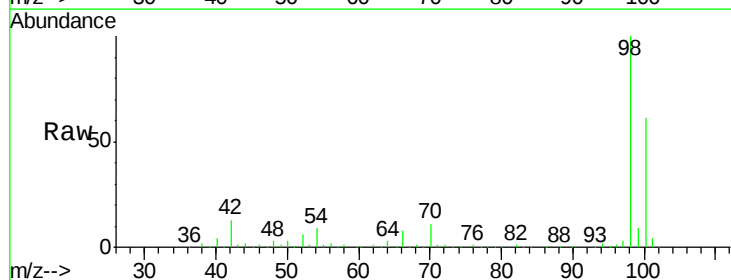
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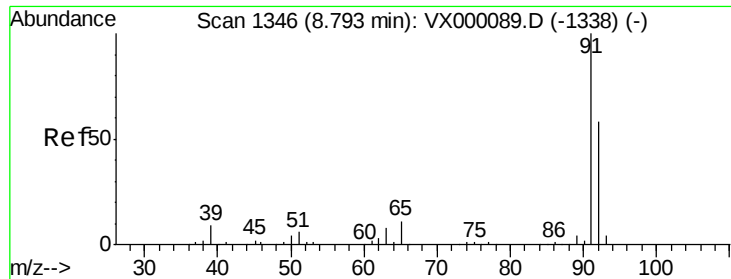
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#50
Toluene-d8
Concen: 49.84 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	52.2	78.2





#52

Toluene

Concen: 0.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion: 92 Resp: 1012

Ion Ratio Lower Upper

92 100

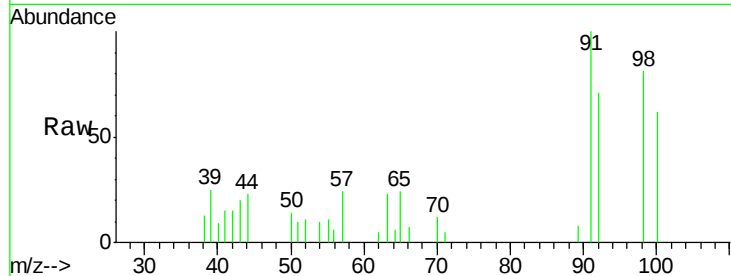
91 190.6 139.8 209.6

Manual Integrations

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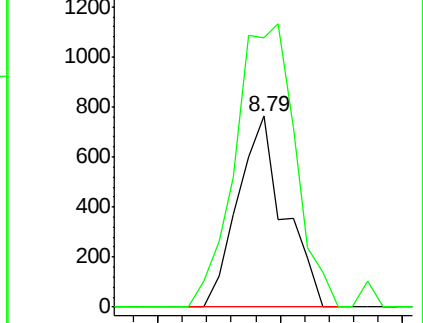
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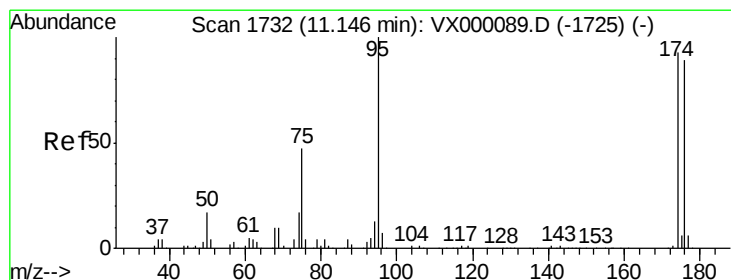
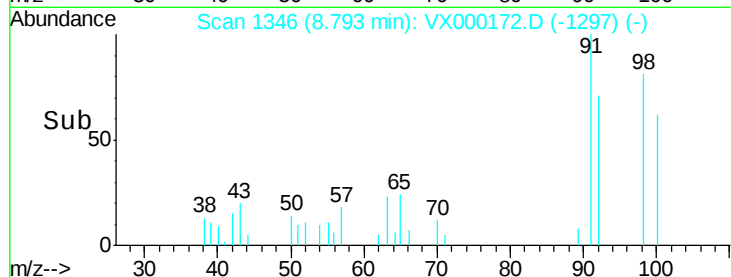


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 46.64 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

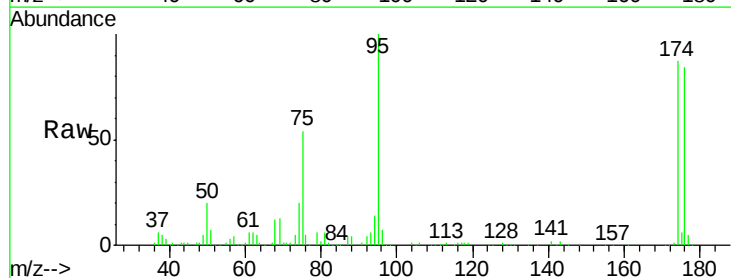
Tgt Ion: 95 Resp: 61481

Ion Ratio Lower Upper

95 100

174 85.6 0.0 187.8

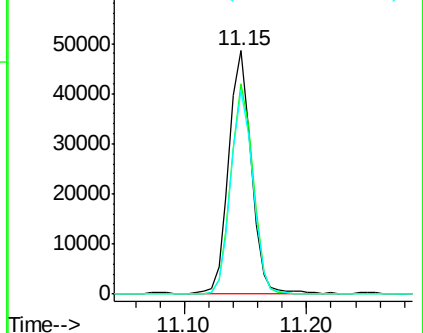
176 82.2 0.0 181.2



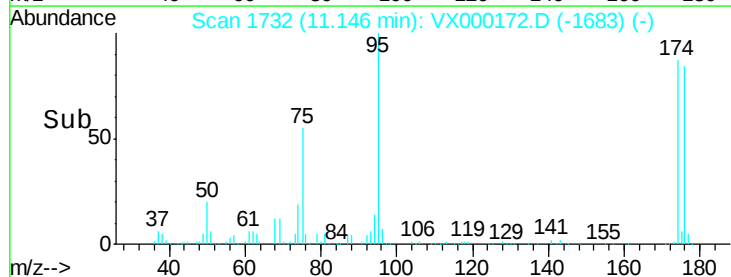
Abundance Ion 94.90 (94.60 to 95.60): VX0

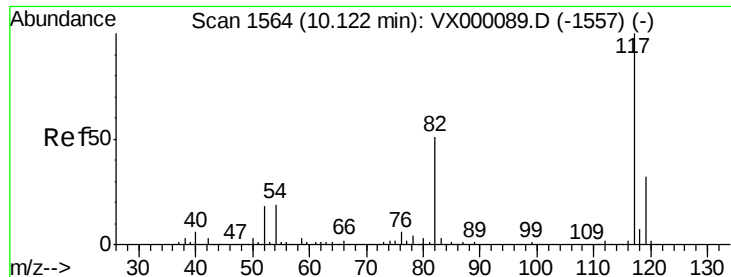
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





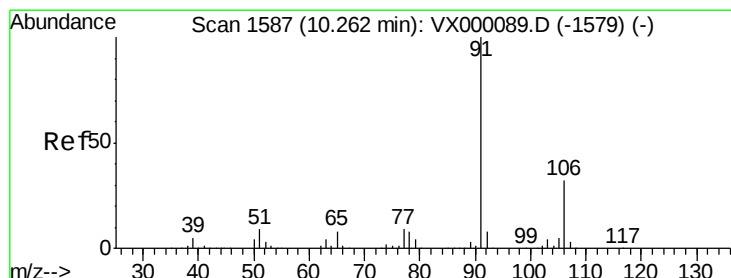
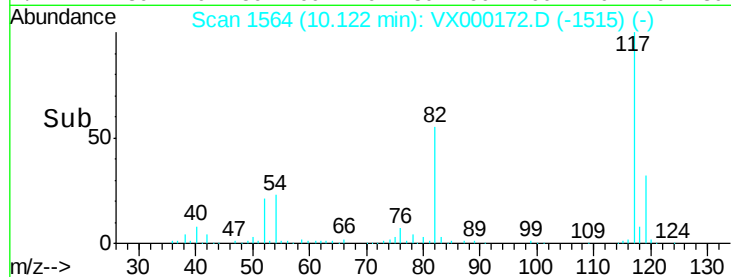
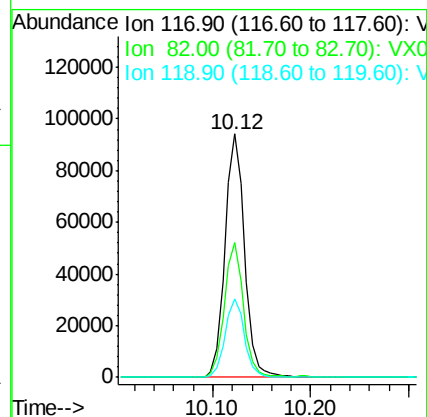
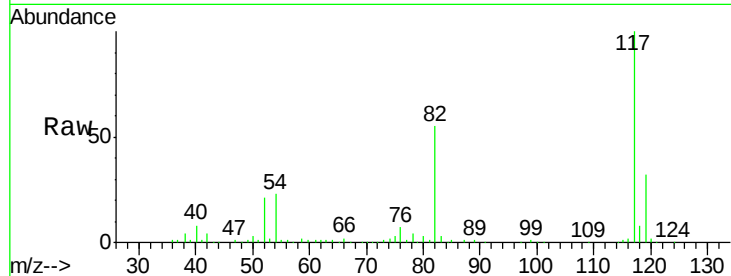
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.0	61.6
119	32.4	25.5	38.3

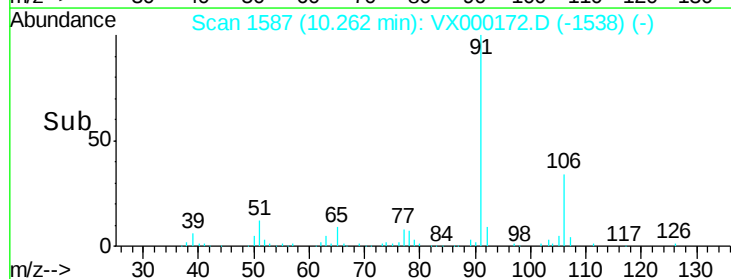
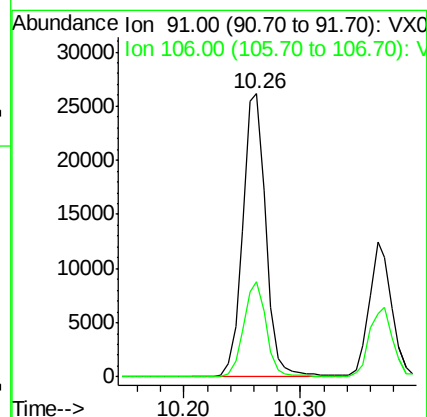
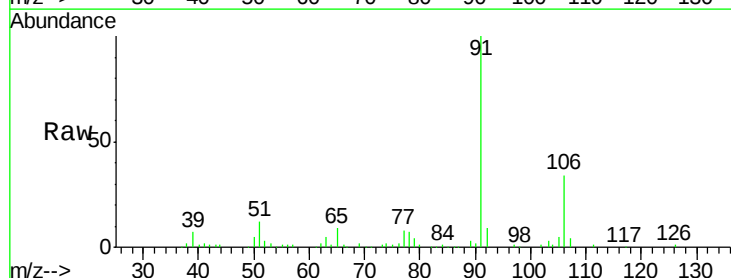
Manual Integrations
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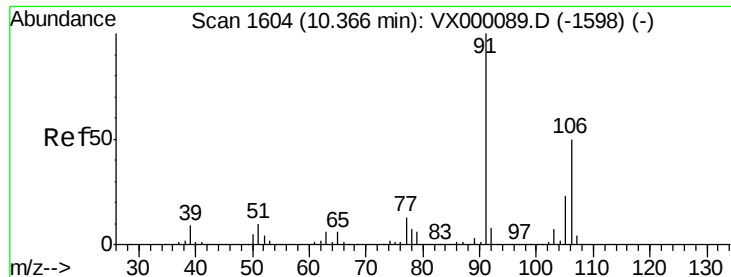
apatel
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#67
Ethyl Benzene
Concen: 7.85 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.5	25.8	38.6





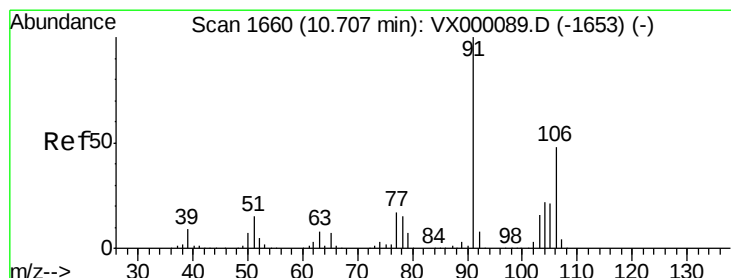
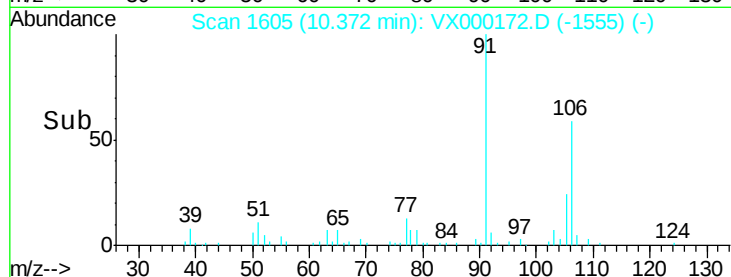
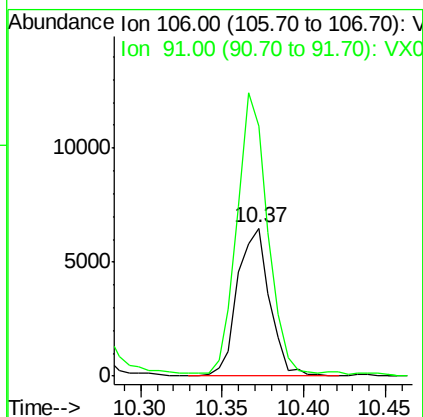
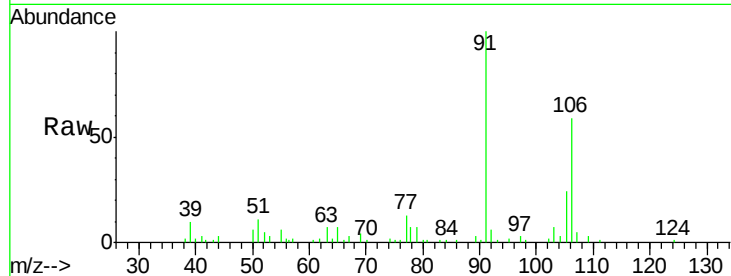
#68
m/p-Xvlenes
Concen: 4.84 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion:106 Resp: 8901
Ion Ratio Lower Upper
106 100
91 179.8 159.1 238.7

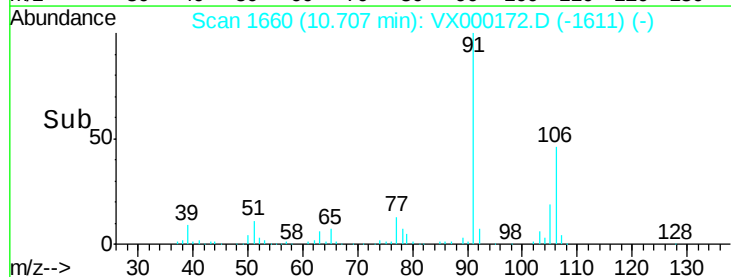
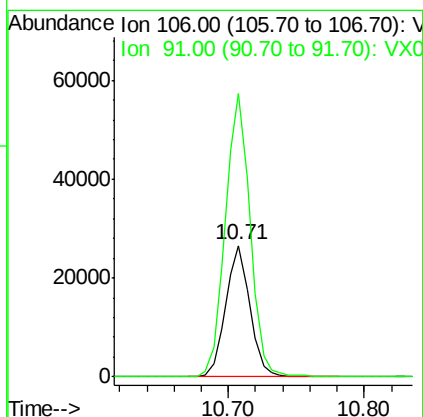
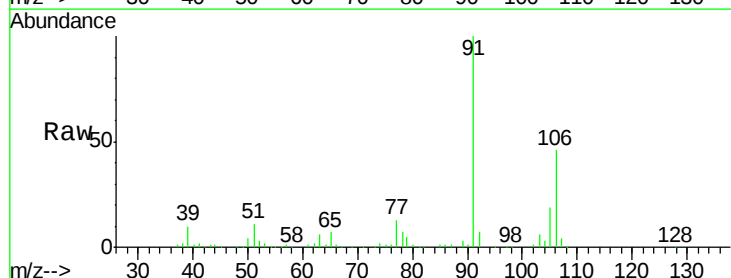
Manual Integrations
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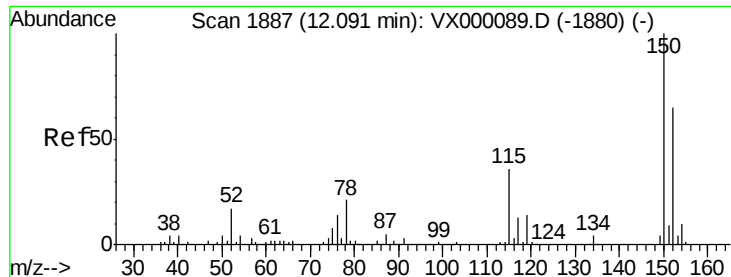
apatel
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#69
o-Xylene
Concen: 18.45 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion:106 Resp: 32698
Ion Ratio Lower Upper
106 100
91 221.7 103.8 311.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion:152 Resp: 73733

Ion Ratio Lower Upper

152 100

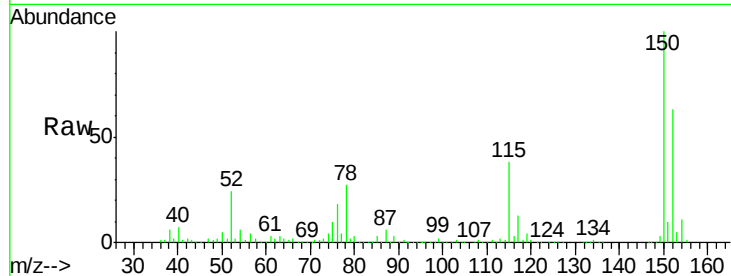
115 60.0 39.1 117.2

150 156.6 0.0 348.2

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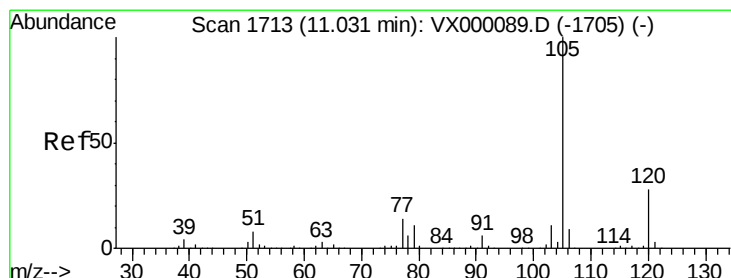
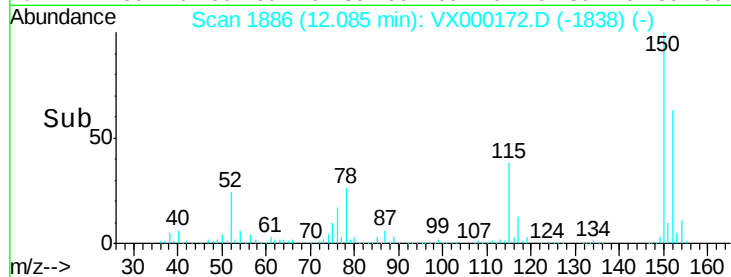
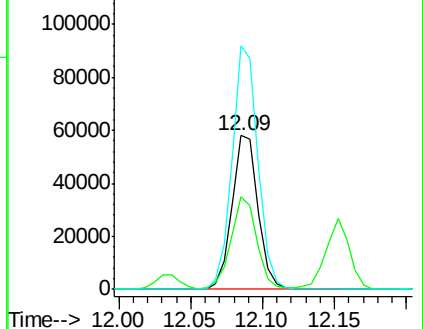
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000172.D

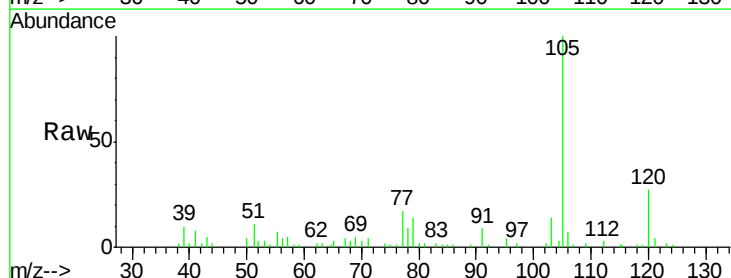
Acq: 28 Feb 2018 17:28

Tgt Ion:105 Resp: 10662

Ion Ratio Lower Upper

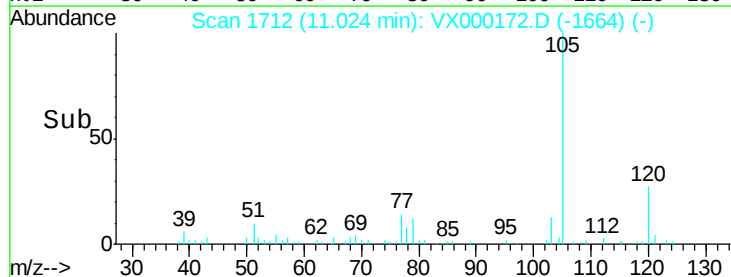
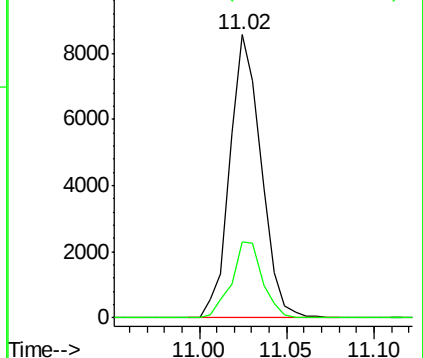
105 100

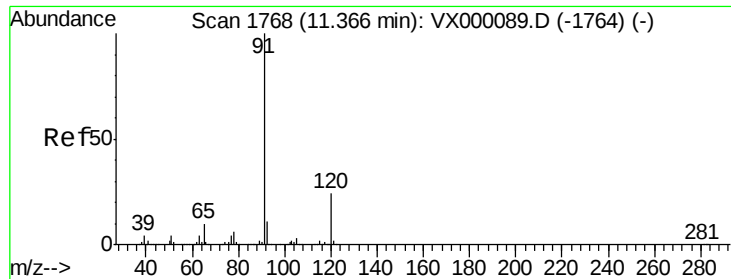
120 26.6 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.43 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000172.D

Acq: 28 Feb 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion: 91 Resp: 29898

Ion Ratio Lower Upper

91 100

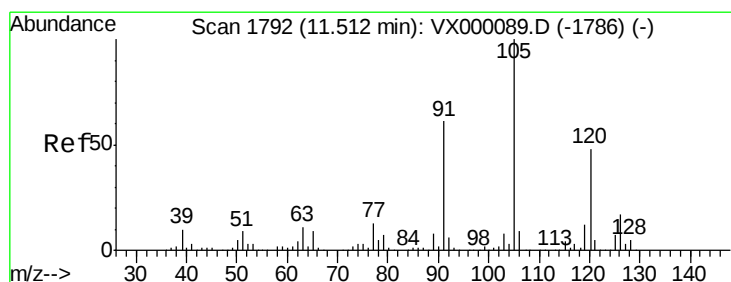
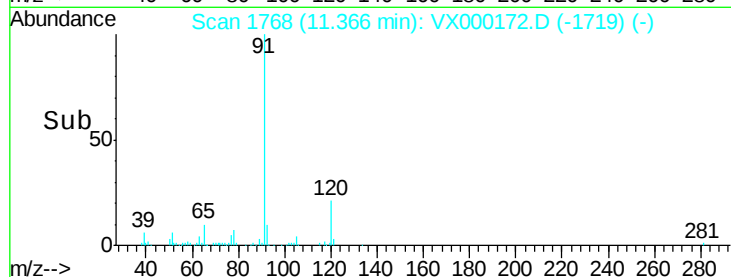
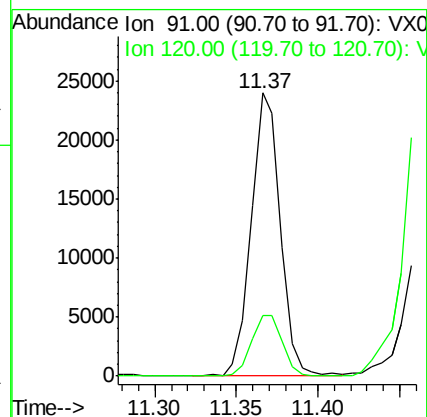
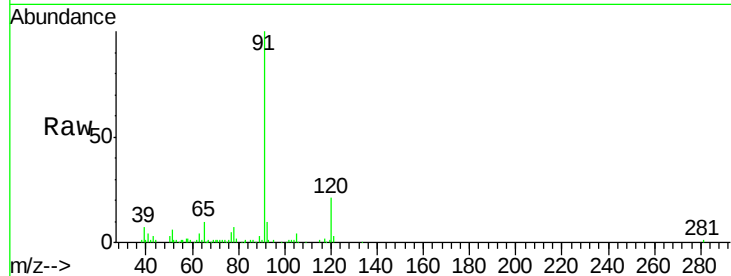
120 22.7 12.3 36.9

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#80

1,3,5-Trimethylbenzene

Concen: 76.76 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000172.D

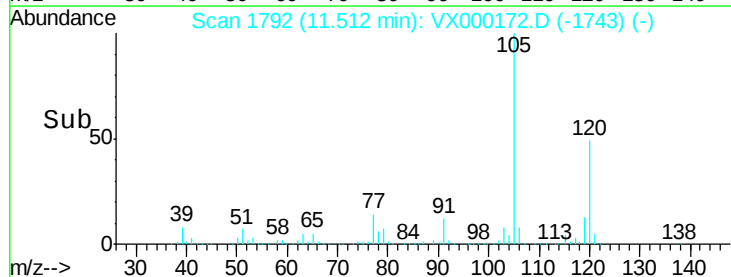
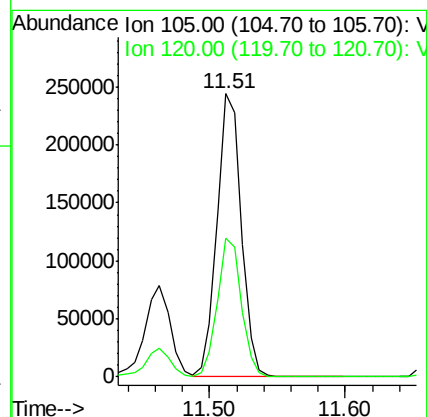
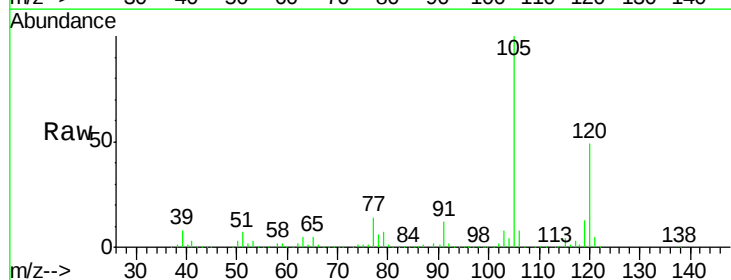
Acq: 28 Feb 2018 17:28

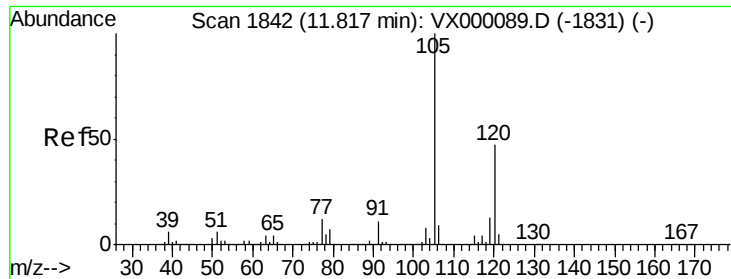
Tgt Ion: 105 Resp: 303262

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.6





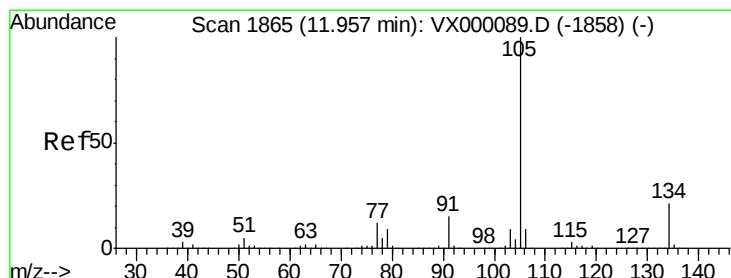
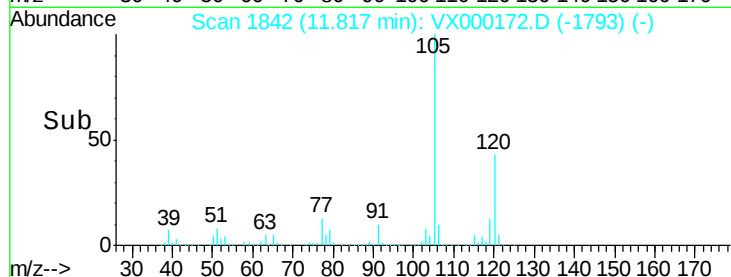
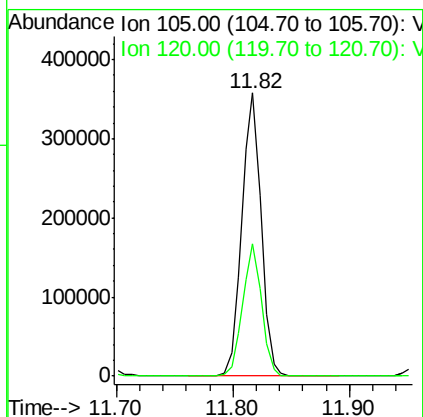
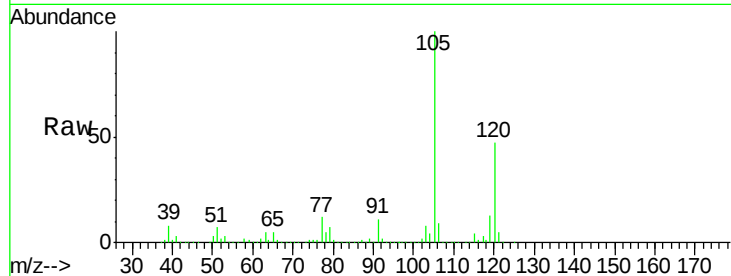
#84
1,2,4-Trimethylbenzene
Concen: 100.97 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion:105 Resp: 414173
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2

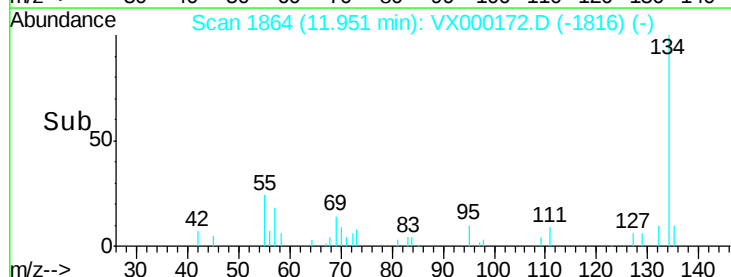
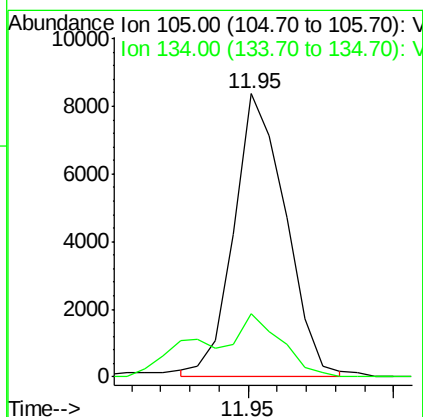
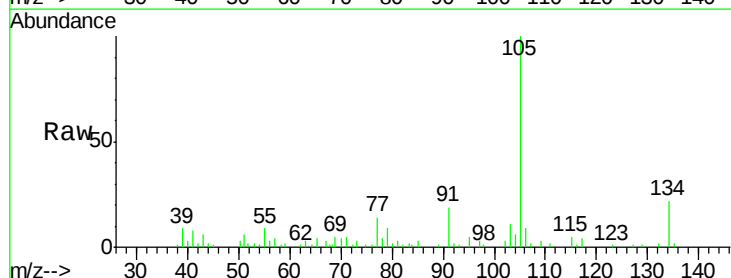
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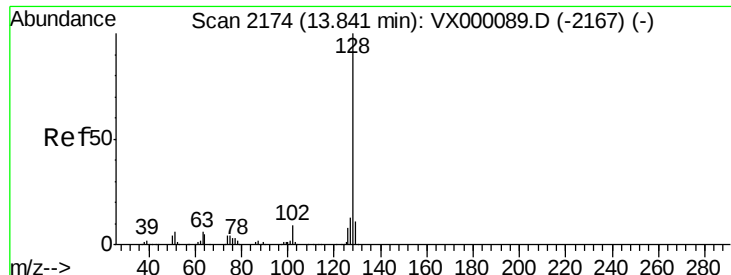
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#85
sec-Butylbenzene
Concen: 2.06 ug/l m
RT: 11.95 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Tgt Ion:105 Resp: 10226
Ion Ratio Lower Upper
105 100
134 0.0 10.5 31.6#





#95
Naphthalene
Concen: 86.68 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000172.D
Acq: 28 Feb 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.3	10.4	15.6
129	12.7	8.7	13.1

Manual Integrations
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