

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003860.D
 Acq On : 03 Aug 2018 20:28
 Operator : JC/MD
 Sample : J4263-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0523

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 10:47:47 AM

Quant Time: Aug 04 01:16:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	85570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	122453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	116168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68207	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	52356	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.78%		
35) Dibromofluoromethane	5.51	113	45433	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.44%		
50) Toluene-d8	8.72	98	175745	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.34%		
62) 4-Bromofluorobenzene	11.14	95	63919	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	1404	2.36	ug/l	96
31) Cyclohexane	5.57	56	25066	17.48	ug/l	87
39) Methylcyclohexane	7.46	83	16340	11.37	ug/l	95
40) Benzene	6.14	78	4862	1.19	ug/l	94
67) Ethyl Benzene	10.26	91	237861	51.96	ug/l	100
68) m/p-Xylenes	10.37	106	53856	30.10	ug/l	100
73) Isopropylbenzene	11.02	105	59081	13.51	ug/l	99
78) n-propylbenzene	11.36	91	99648	20.14	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1757m	0.48	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	153667	40.48	ug/l	100
85) sec-Butylbenzene	11.95	105	18048	4.23	ug/l	87
86) p-Isopropyltoluene	12.07	119	11437	2.96	ug/l	97
89) n-Butylbenzene	12.39	91	3568m	1.08	ug/l	
95) Naphthalene	13.83	128	56111	11.47	ug/l	99

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

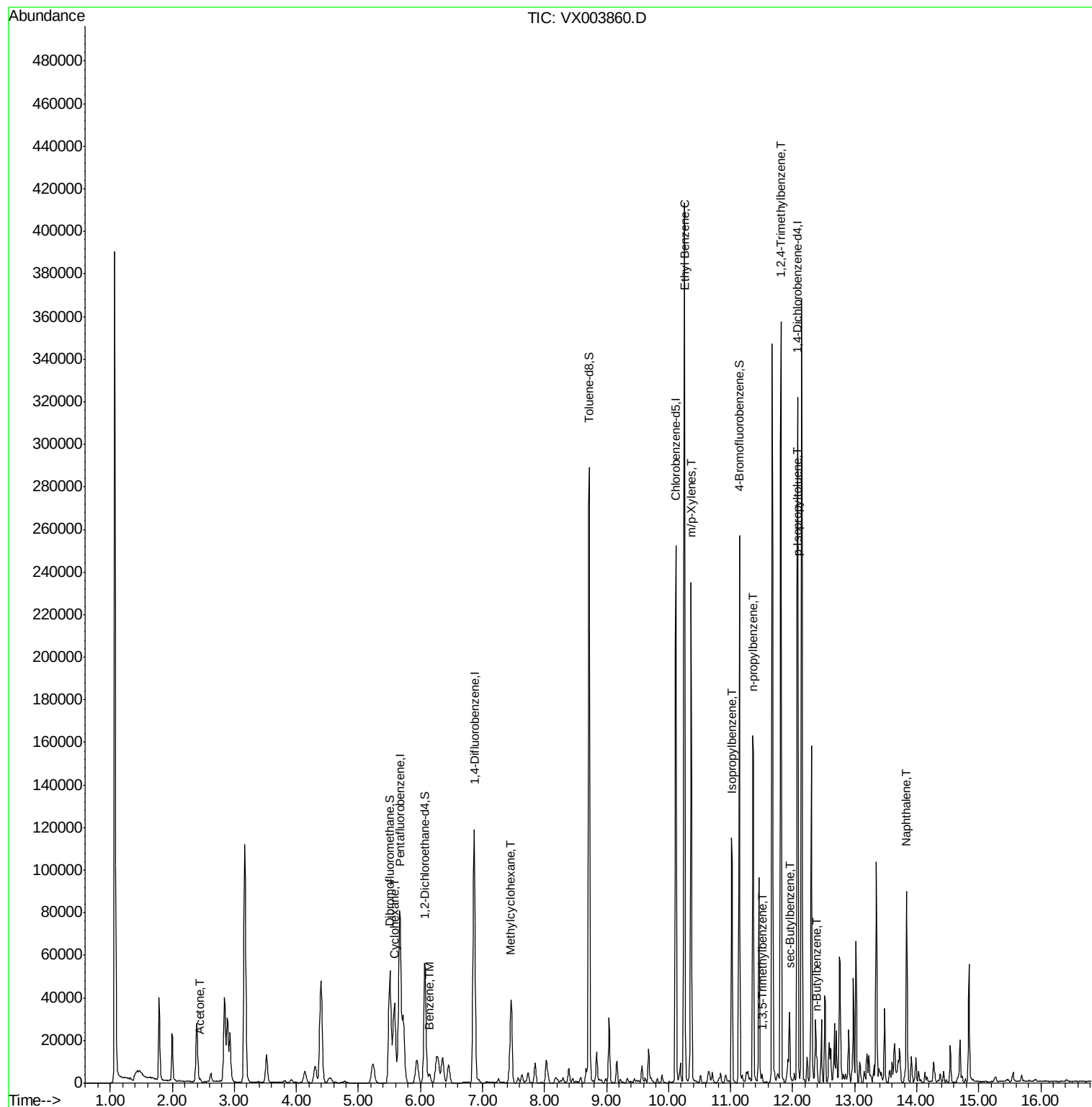
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

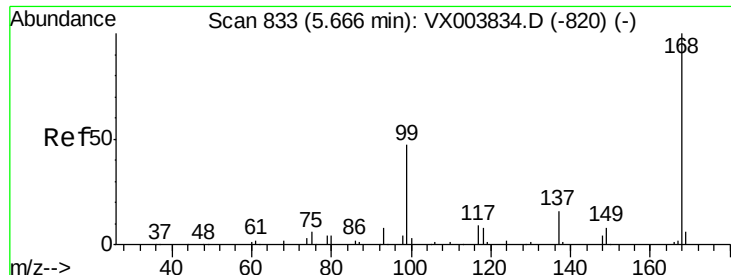
Instrument :
MSVOA_X
ClientSampleId :
FL-0523

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Quant Time: Aug 04 01:16:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:55:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

FL-0523

Tot Ion:168 Resp: 85570

Ion Ratio Lower Upper

168 100

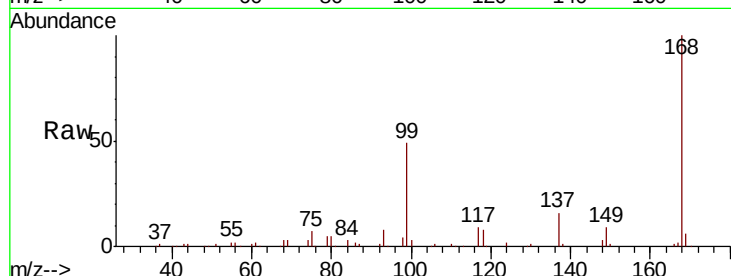
99 49.2 38.1 57.1

Manual Integrations

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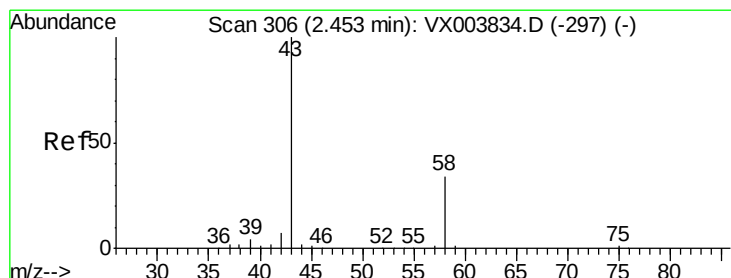
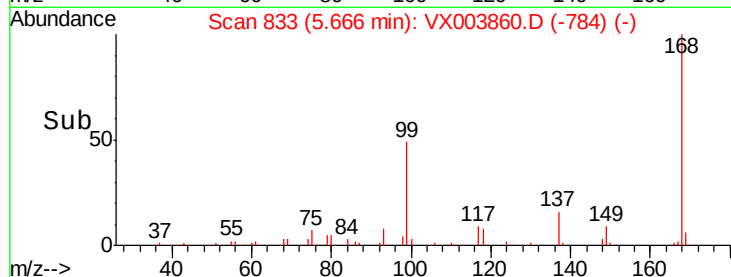
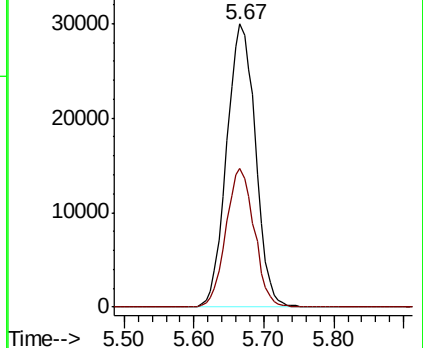
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.36 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003860.D

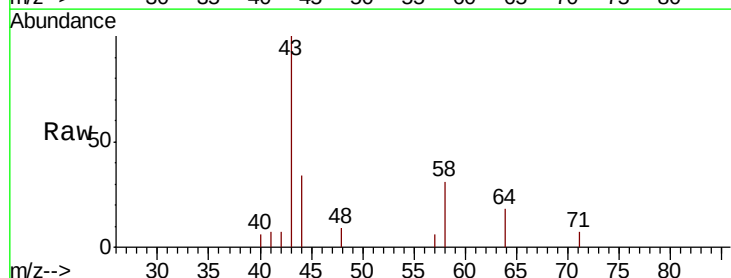
Acq: 03 Aug 2018 20:28

Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

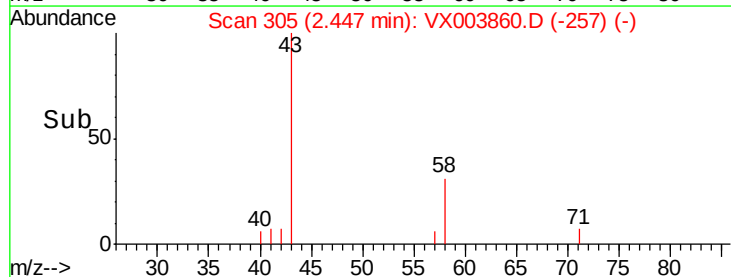
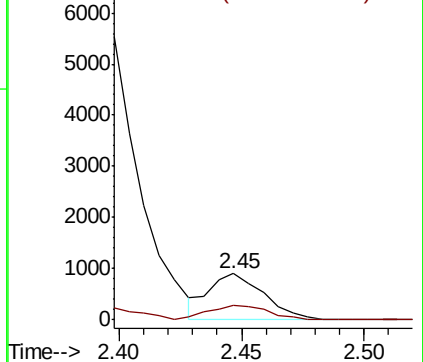
43 100

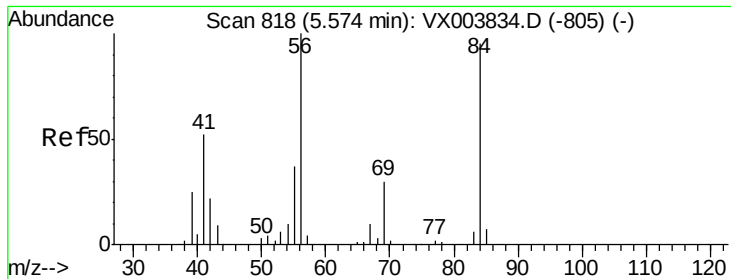
58 31.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 17.48 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

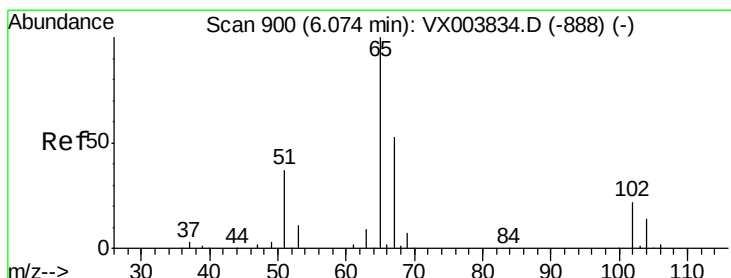
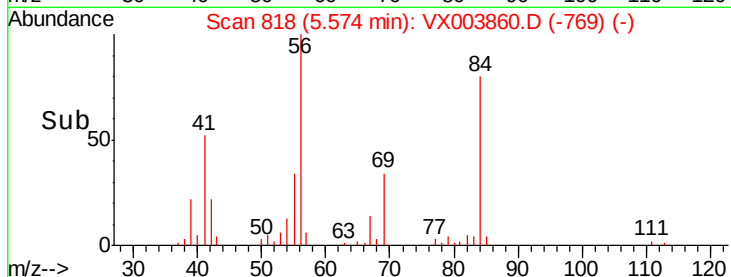
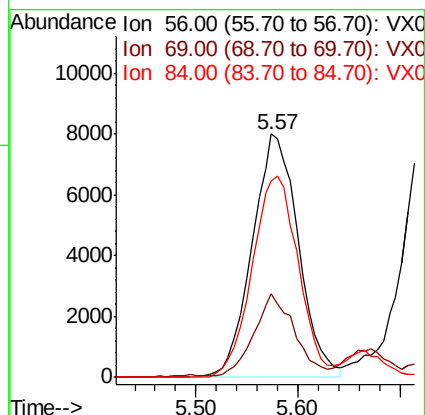
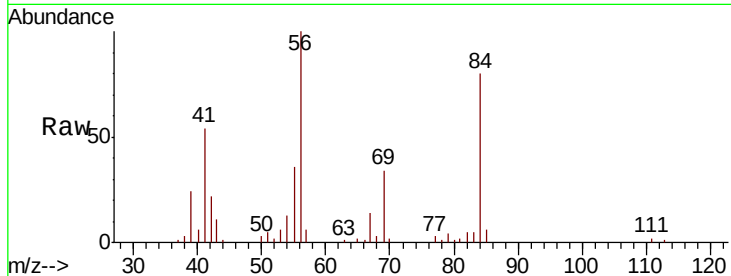
ClientSampled :

FL-0523

Tot Ion:	56	Resp:	25066
Ion	Ratio	Lower	Upper
56	100		
69	33.0	23.7	35.5
84	80.4	75.7	113.5

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#33

1,2-Dichloroethane-d4

Concen: 46.39 ug/l

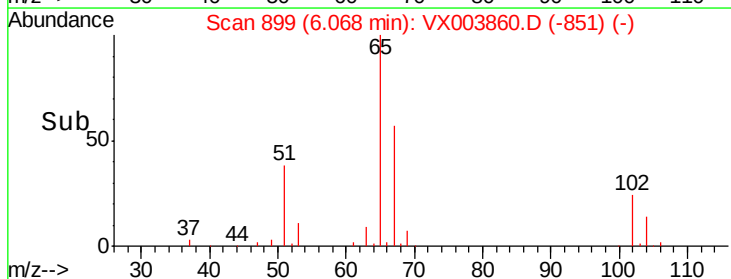
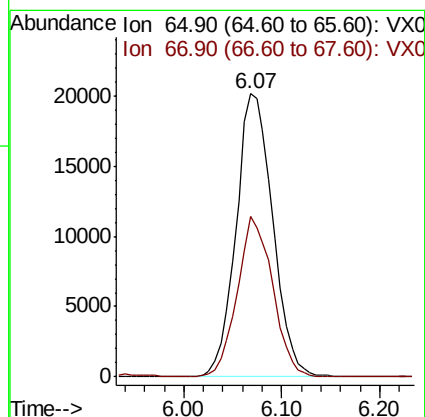
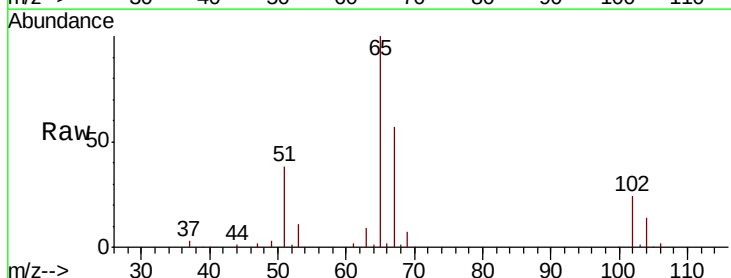
RT: 6.07 min Scan# 899

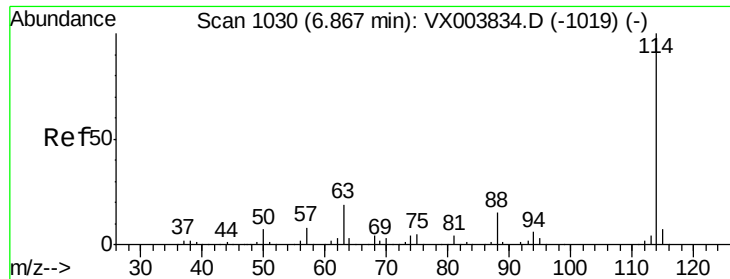
Delta R.T. -0.01 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Tgt Ion:	65	Resp:	52356
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

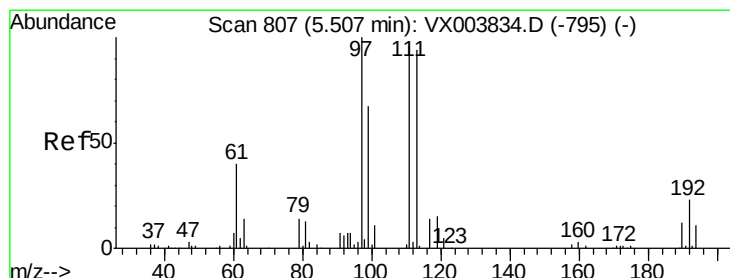
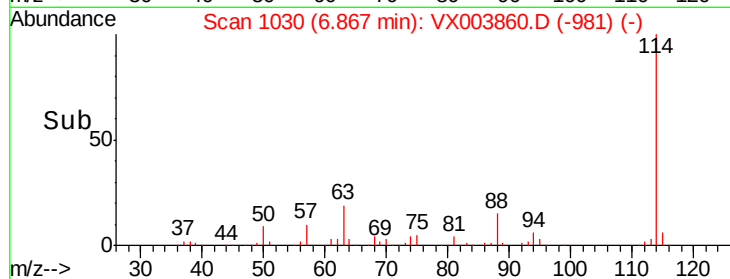
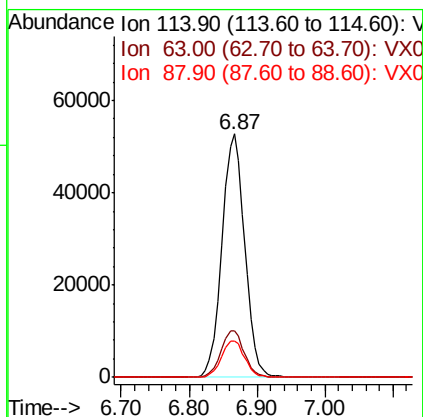
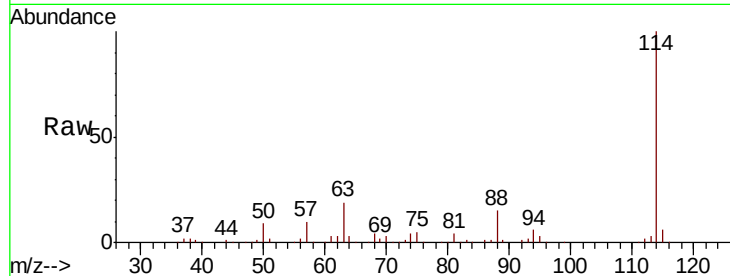
ClientSampleId :

FL-0523

Tot Ion:	114	Resp:	122453
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	38.2
88	14.8	0.0	29.6

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#35

Dibromofluoromethane

Concen: 47.22 ug/l

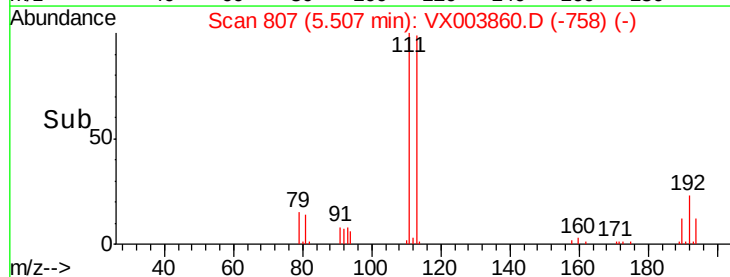
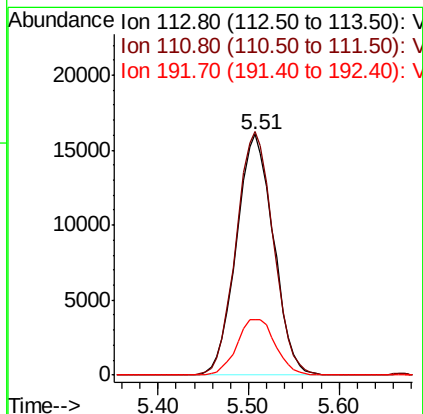
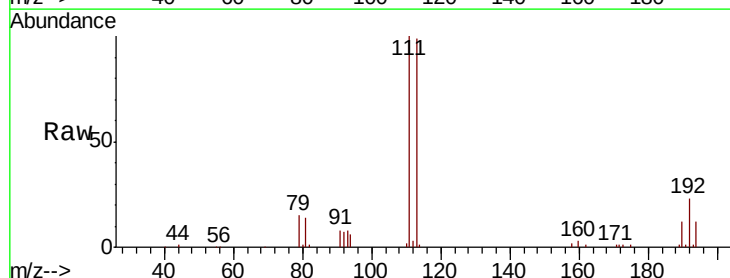
RT: 5.51 min Scan# 807

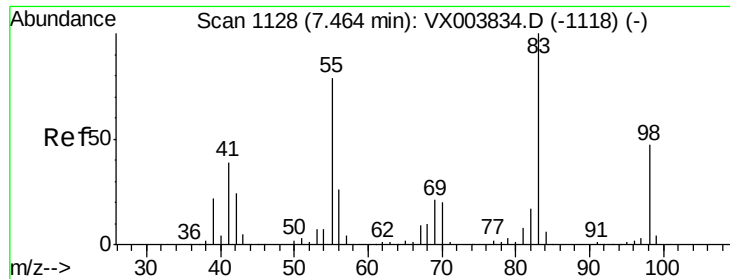
Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Tgt Ion:	113	Resp:	45433
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.1	121.7
192	24.0	19.7	29.5





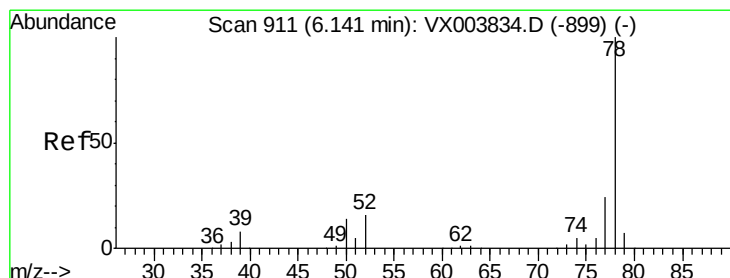
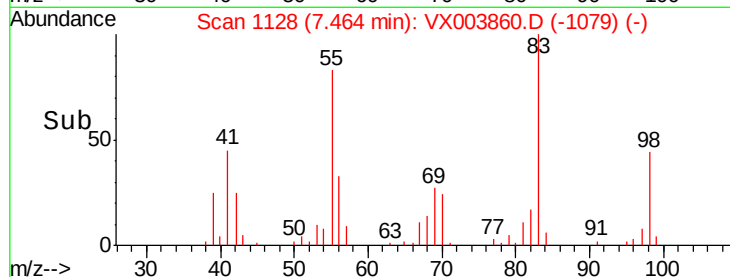
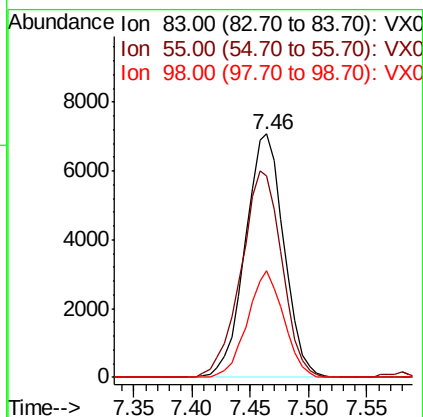
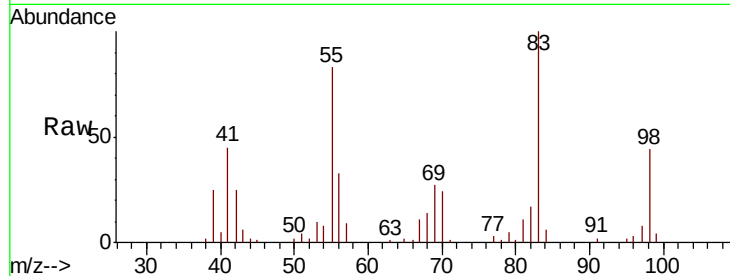
#39
Methylvlcyclohexane
Concen: 11.37 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
FL-0523

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	63.1	94.7
98	43.6	37.5	56.3

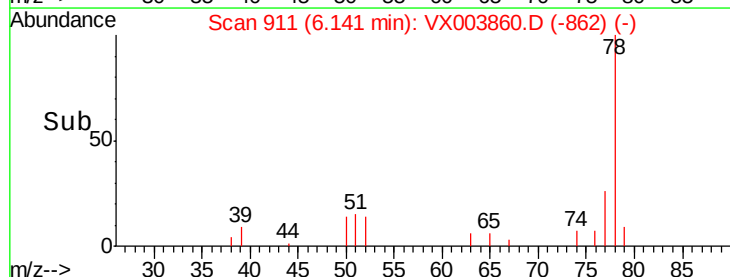
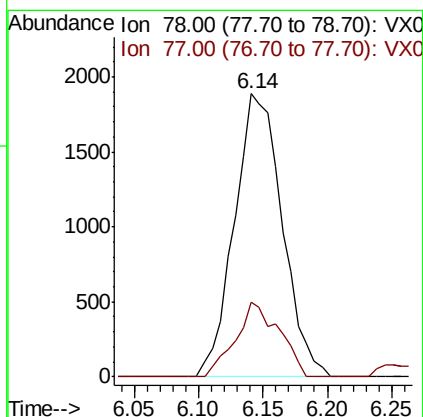
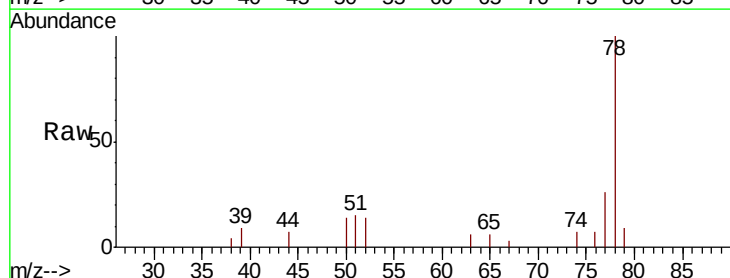
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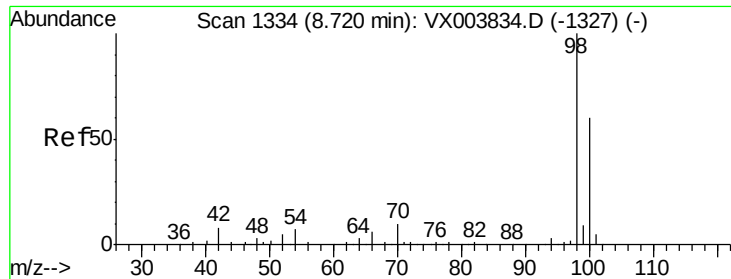
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#40
Benzene
Concen: 1.19 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.4	18.9	28.3





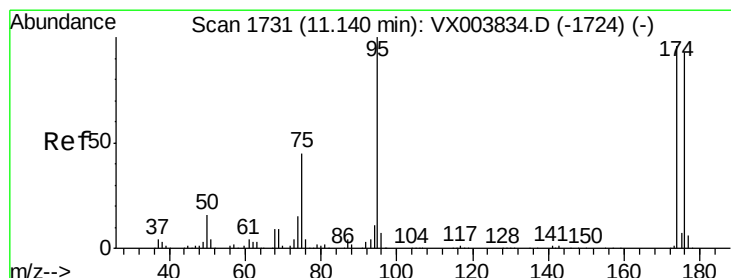
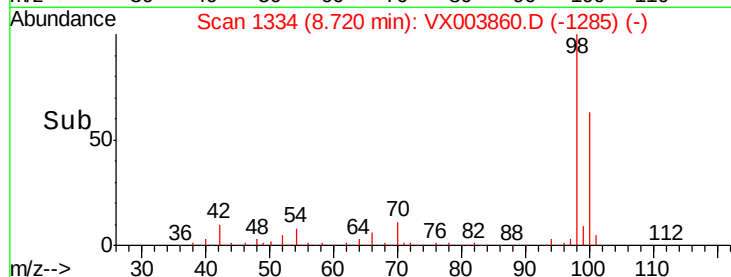
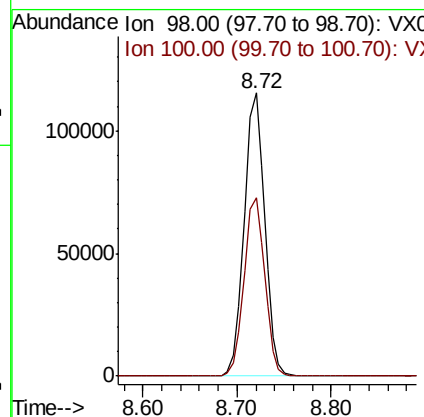
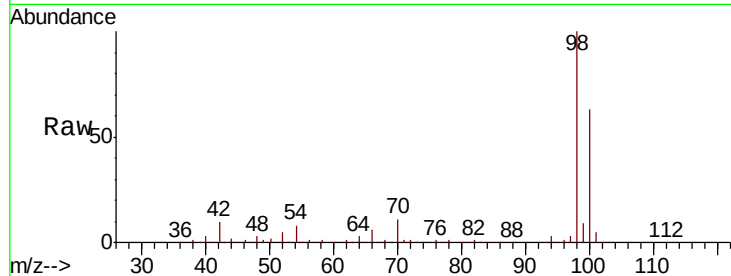
#50
Toluene-d8
Concen: 47.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Instrument :
MSVOA_X
ClientSampled :
FL-0523

Tot Ion: 98 Resp: 175745
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2

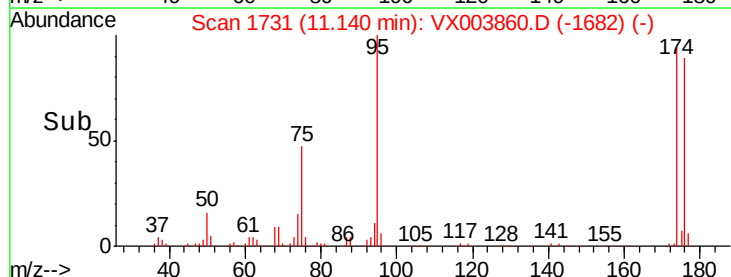
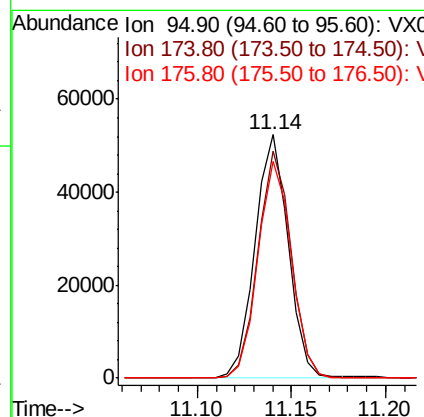
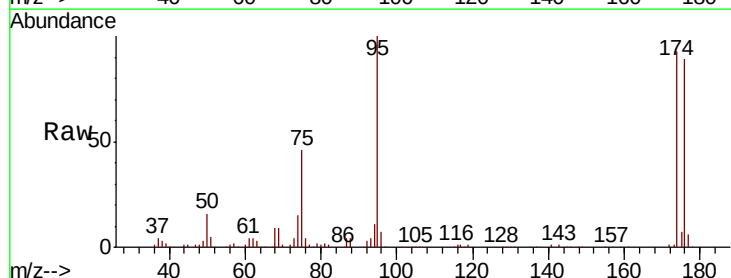
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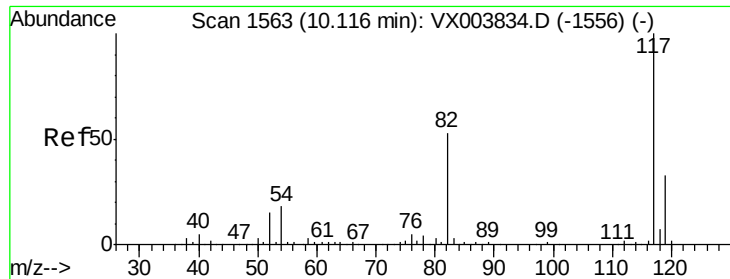
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#62
4-Bromofluorobenzene
Concen: 47.98 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion: 95 Resp: 63919
Ion Ratio Lower Upper
95 100
174 93.5 0.0 192.2
176 90.1 0.0 185.8





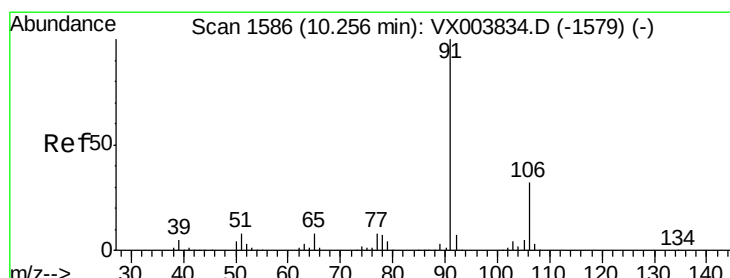
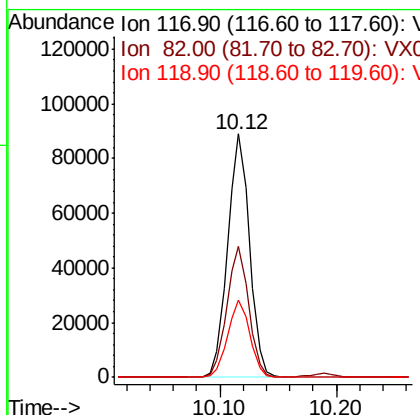
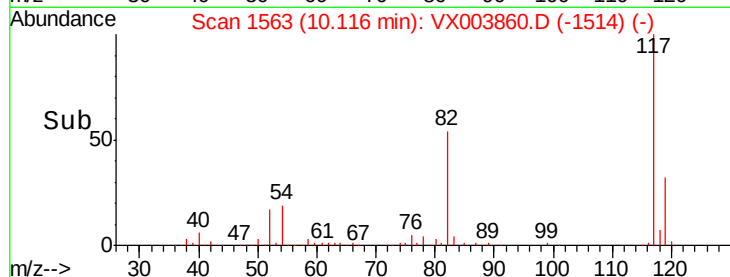
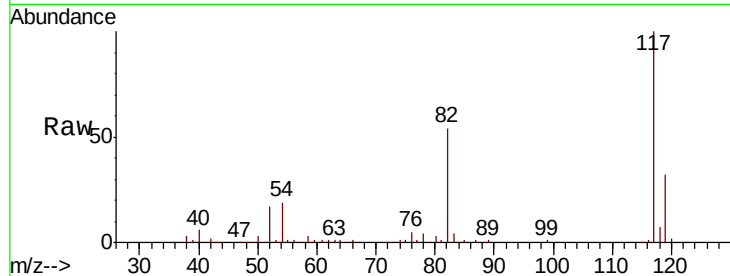
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
FL-0523

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.2	63.4
119	31.9	26.2	39.2

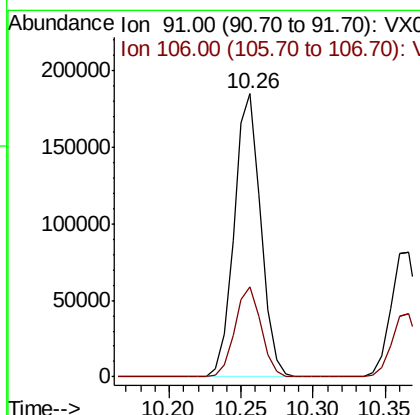
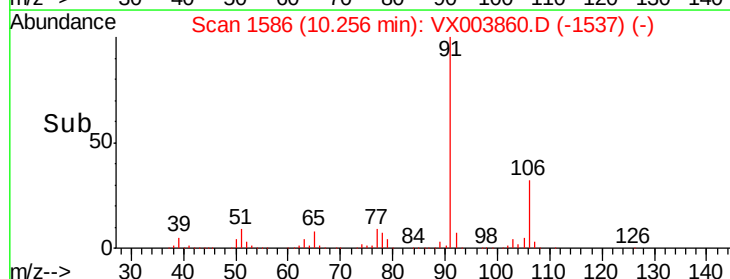
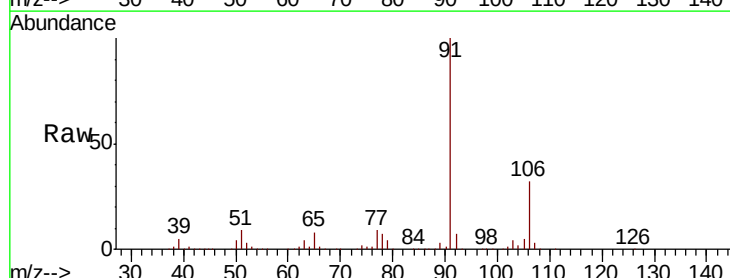
Manual Integrations
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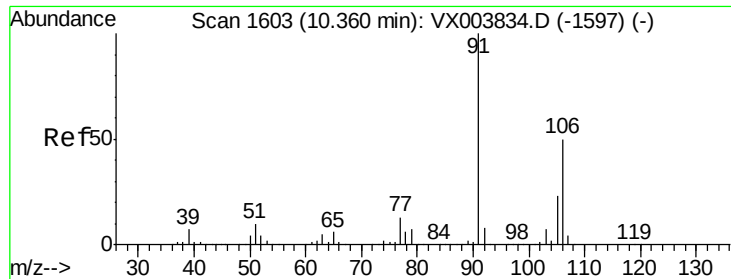
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#67
Ethyl Benzene
Concen: 51.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.7	38.5





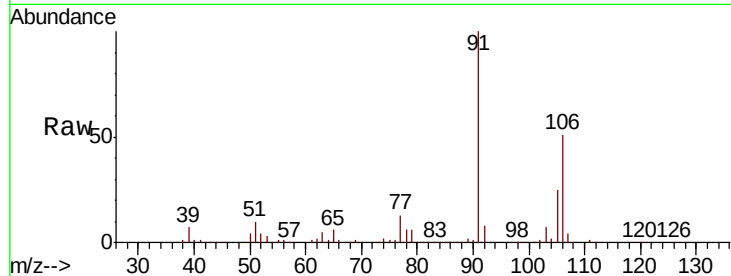
#68
m/p-Xvlenes
Concen: 30.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Instrument :
MSVOA_X
ClientSampled :
FL-0523

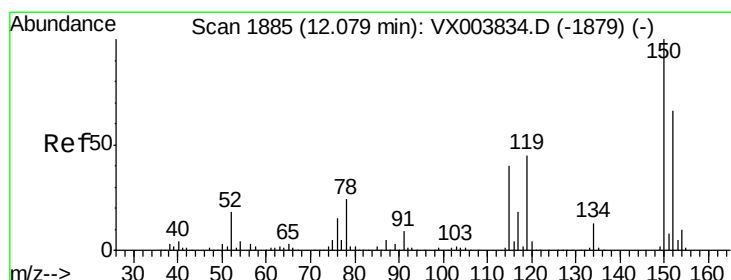
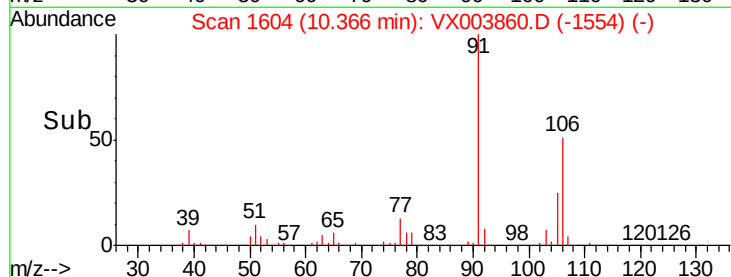
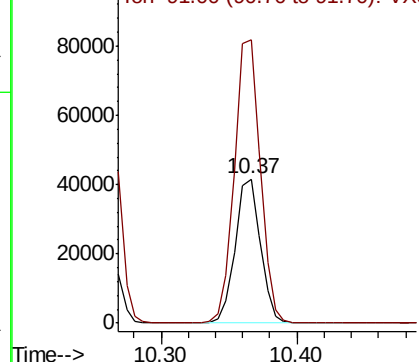
Tot Ion:106 Resp: 53856
Ion Ratio Lower Upper
106 100
91 201.1 161.3 241.9

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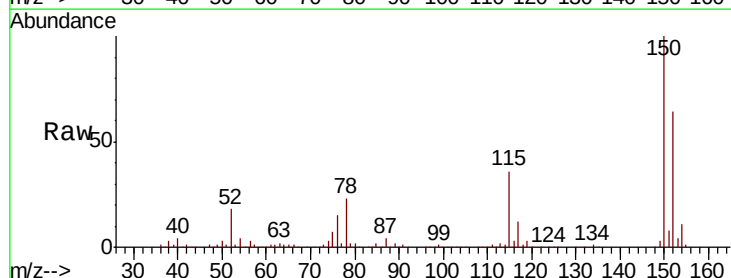


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

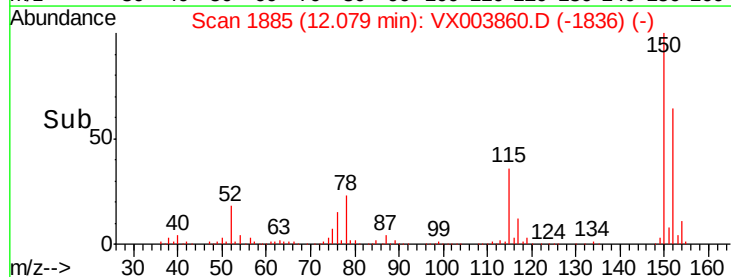
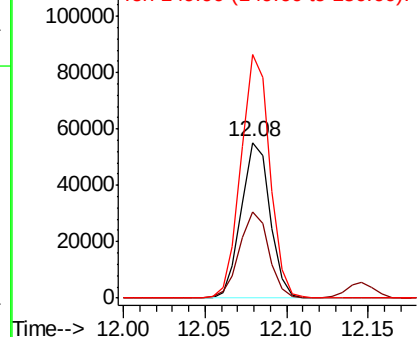


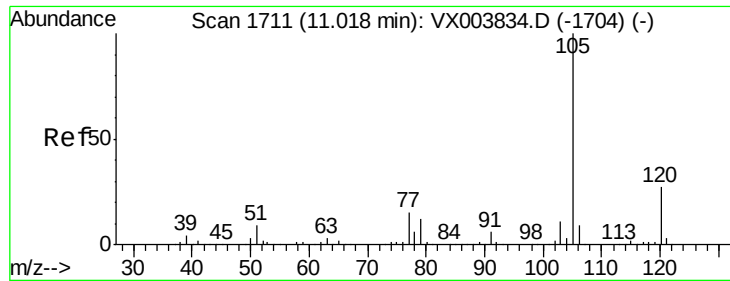
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion:152 Resp: 68207
Ion Ratio Lower Upper
152 100
115 56.1 37.4 112.1
150 156.1 0.0 346.6



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





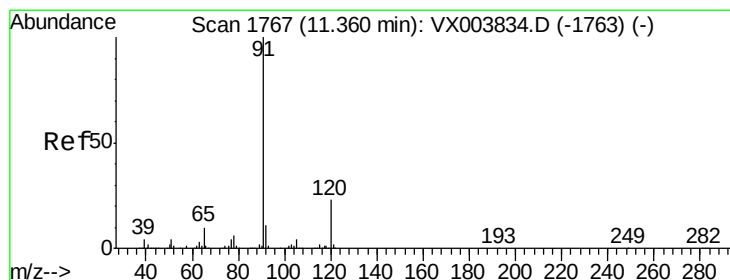
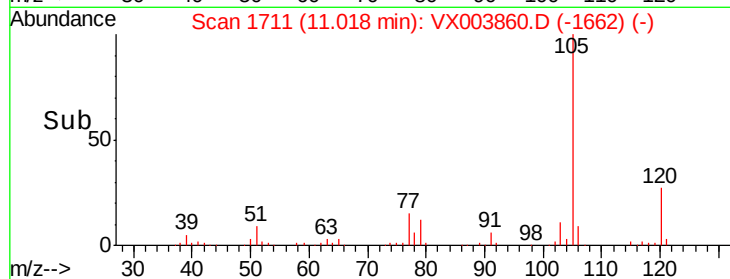
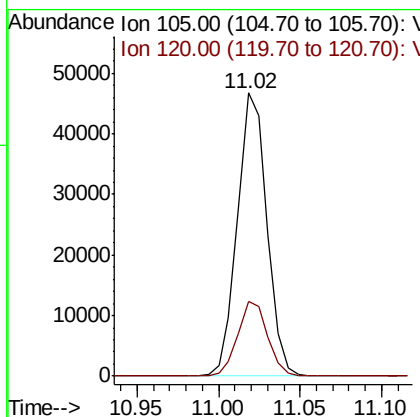
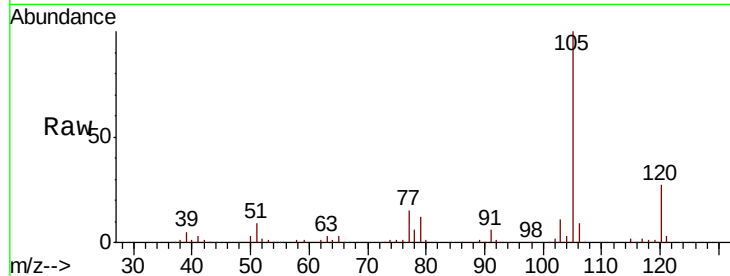
#73
Isopropylbenzene
Concen: 13.51 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Instrument :
MSVOA_X
ClientSampled :
FL-0523

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.6	40.7

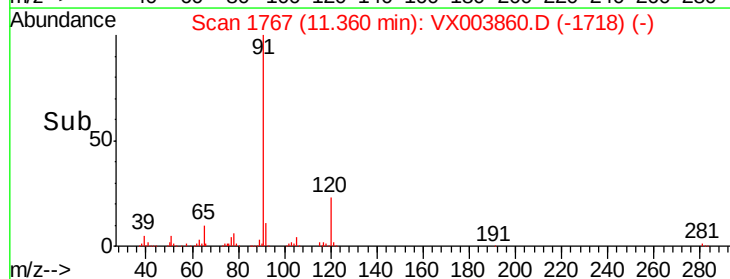
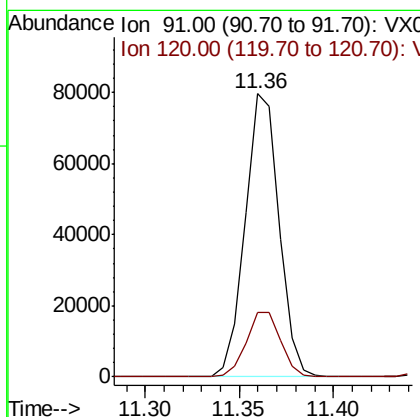
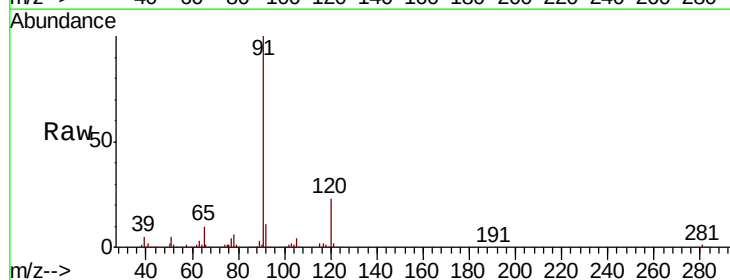
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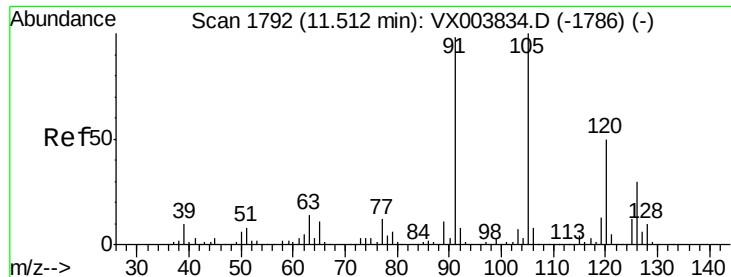
MMDadoda
8/6/2018 10:47:47 AM



#78
n-propylbenzene
Concen: 20.14 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	12.1	36.3





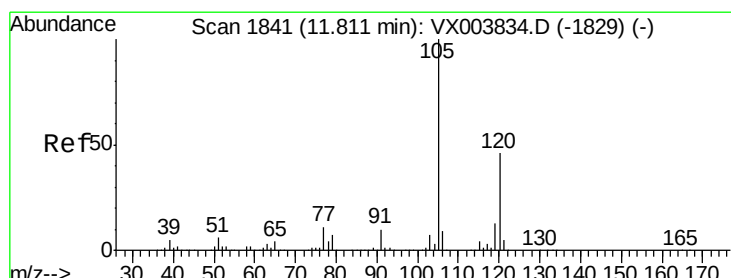
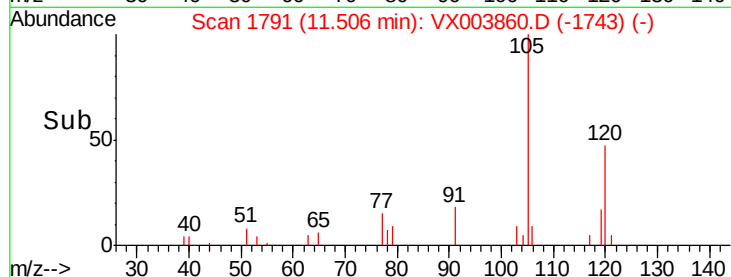
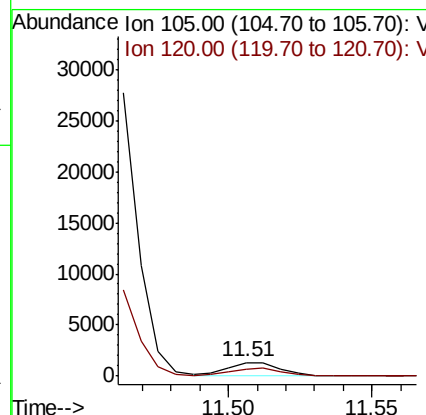
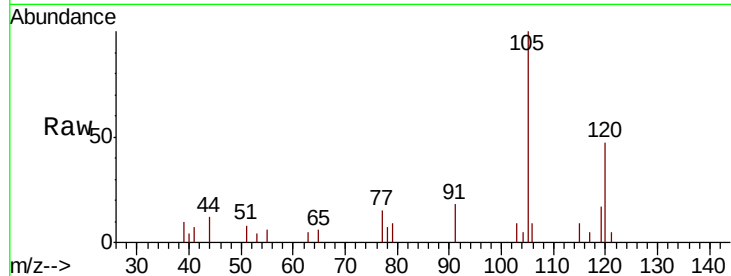
#80
 1,3,5-Trimethylbenzene
 Concen: 0.48 ug/l m
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0523

Tot Ion:105 Resp: 1757
 Ion Ratio Lower Upper
 105 100
 120 801.5 24.8 74.4#

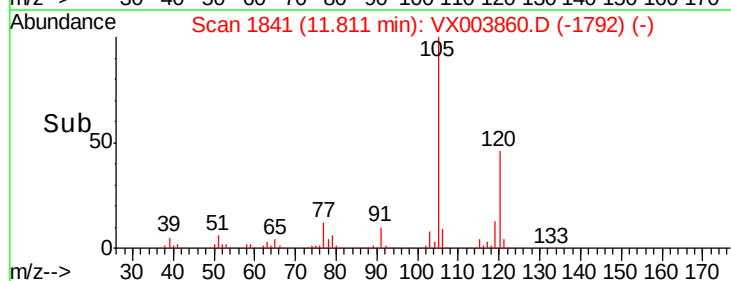
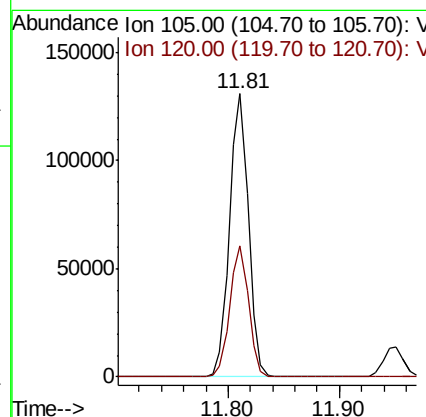
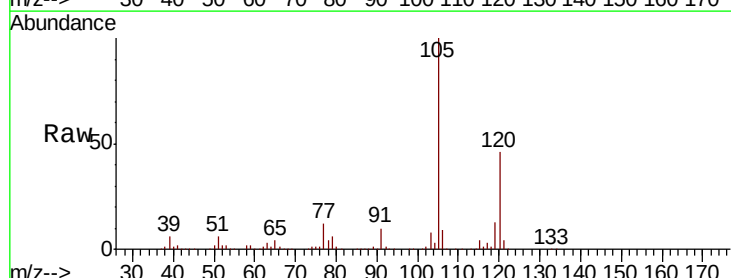
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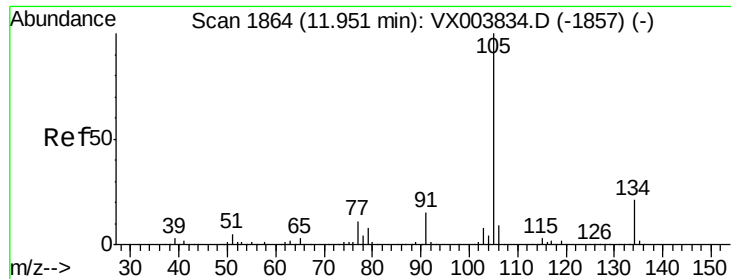
MMDadoda
 8/6/2018 10:47:47 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 40.48 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003860.D
 Acq: 03 Aug 2018 20:28

Tgt Ion:105 Resp: 153667
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 4.23 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

FL-0523

Tot Ion:105 Resp: 18048

Ion Ratio Lower Upper

105 100

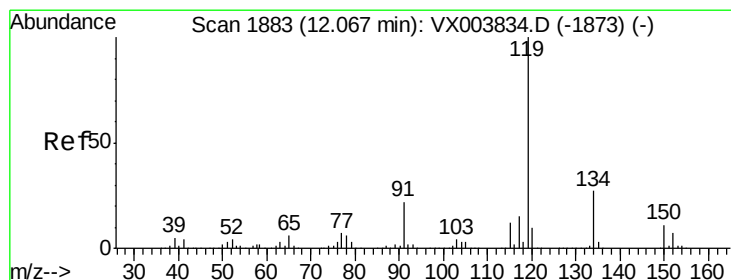
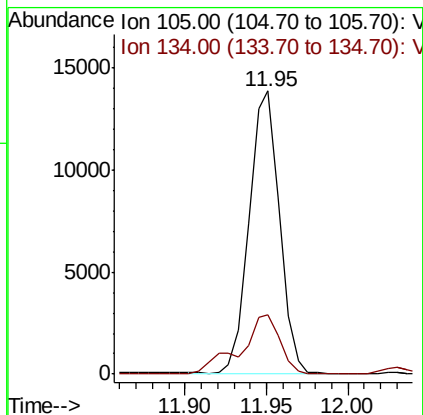
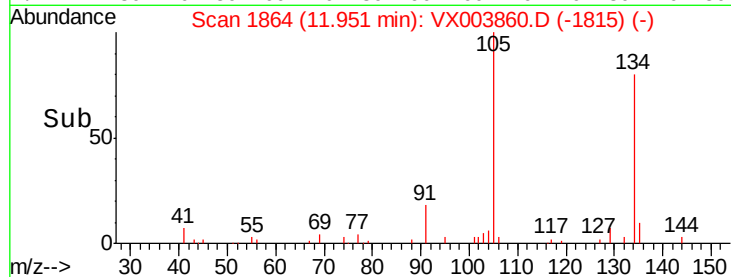
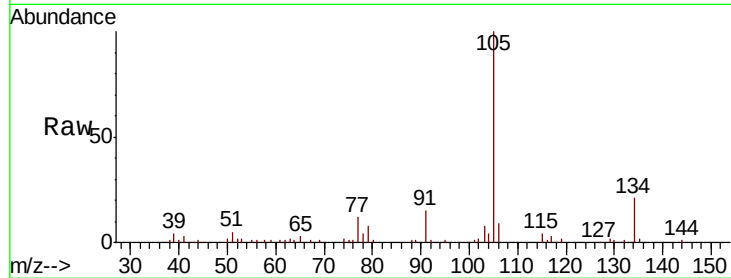
134 27.1 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 2.96 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003860.D

Acq: 03 Aug 2018 20:28

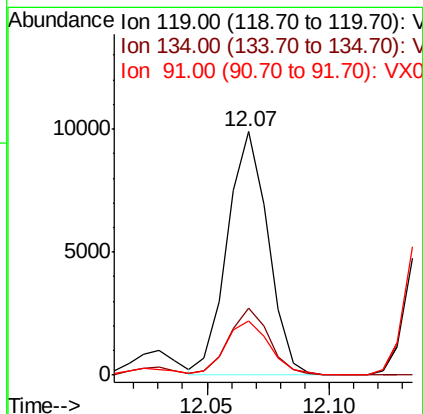
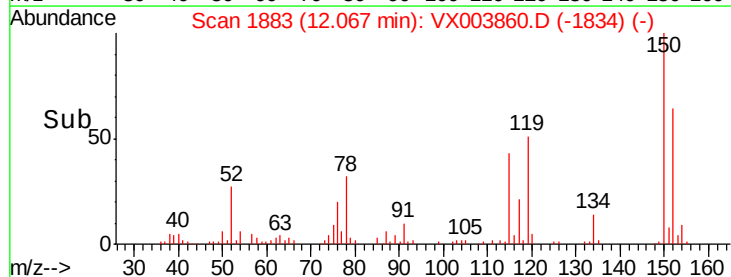
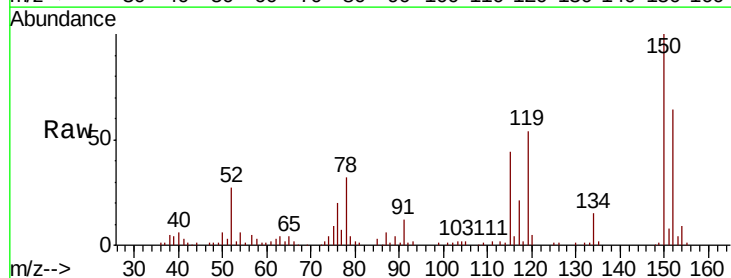
Tgt Ion:119 Resp: 11437

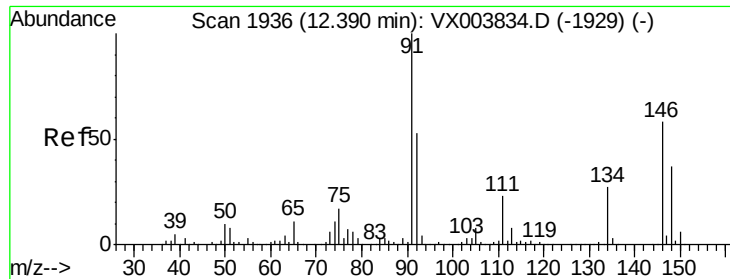
Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

91 24.3 11.1 33.1





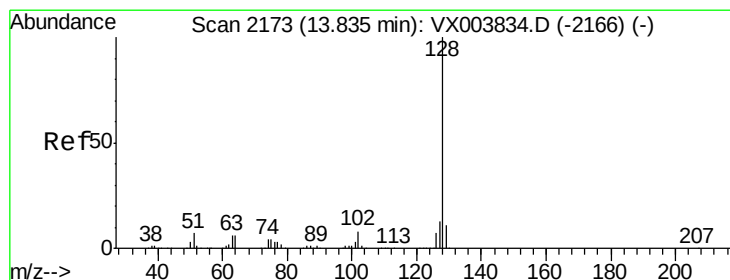
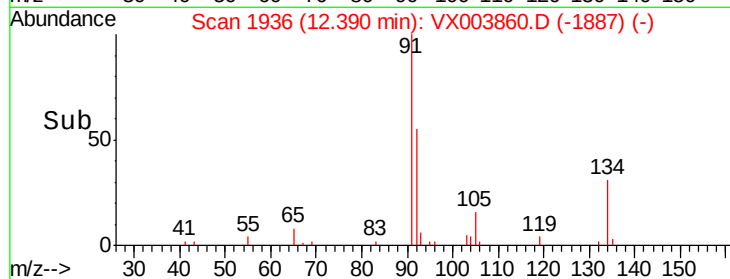
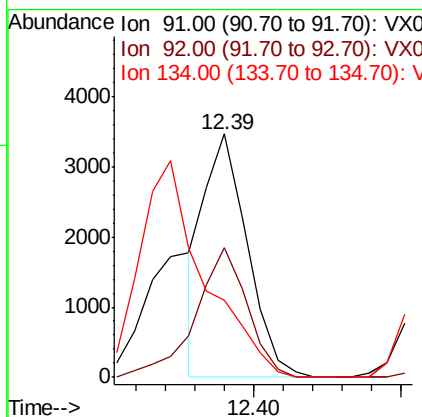
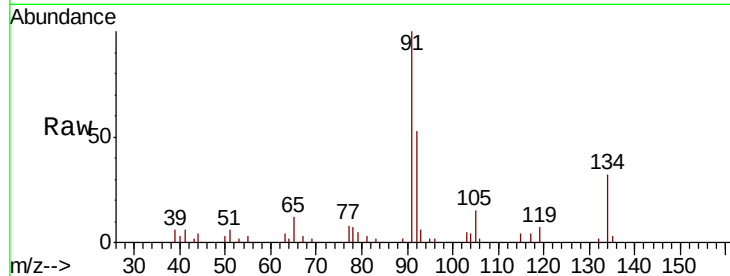
#89
n-Butylbenzene
Concen: 1.08 ug/l m
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
FL-0523

Tot Ion	Ratio	Lower	Upper
91	100		
92	63.8	26.3	78.9
134	132.7	13.7	41.0#

Manual Integrations
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#95
Naphthalene
Concen: 11.47 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003860.D
Acq: 03 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.7	8.7	13.1

