

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004954.D
 Acq On : 03 Oct 2018 08:26
 Operator : JC/MD
 Sample : J5084-02 10X
 Misc : 6.44uL/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(9-9.5)

Manual Integrations
 APPROVED

sam
 10/3/2018 5:57:25 PM

Quant Time: Oct 03 09:01:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	268119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	176260	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.49	113	148324	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	8.72	98	558109	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	11.14	95	228817	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	933496	209.294	ug/l	92
40) Benzene	6.14	78	190171	13.907	ug/l	95
52) Toluene	8.79	92	10776989	1434.235	ug/l	83
67) Ethyl Benzene	10.26	91	9368152	615.175	ug/l	96
68) m/p-Xylenes	10.37	106	12349728	2075.292	ug/l #	62
69) o-Xylene	10.71	106	5114765	935.774	ug/l	88
73) Isopropylbenzene	11.02	105	1175884	78.953	ug/l	99
78) n-propylbenzene	11.37	91	5019627	293.744	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	5476742	402.610	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	14178659	1011.005	ug/l	73
85) sec-Butylbenzene	11.95	105	514275	34.432	ug/l	94
86) p-Isopropyltoluene	12.07	119	257217m	19.008	ug/l	
89) n-Butylbenzene	12.39	91	1834635	149.284	ug/l #	32
95) Naphthalene	13.83	128	4155403	209.102	ug/l	99

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

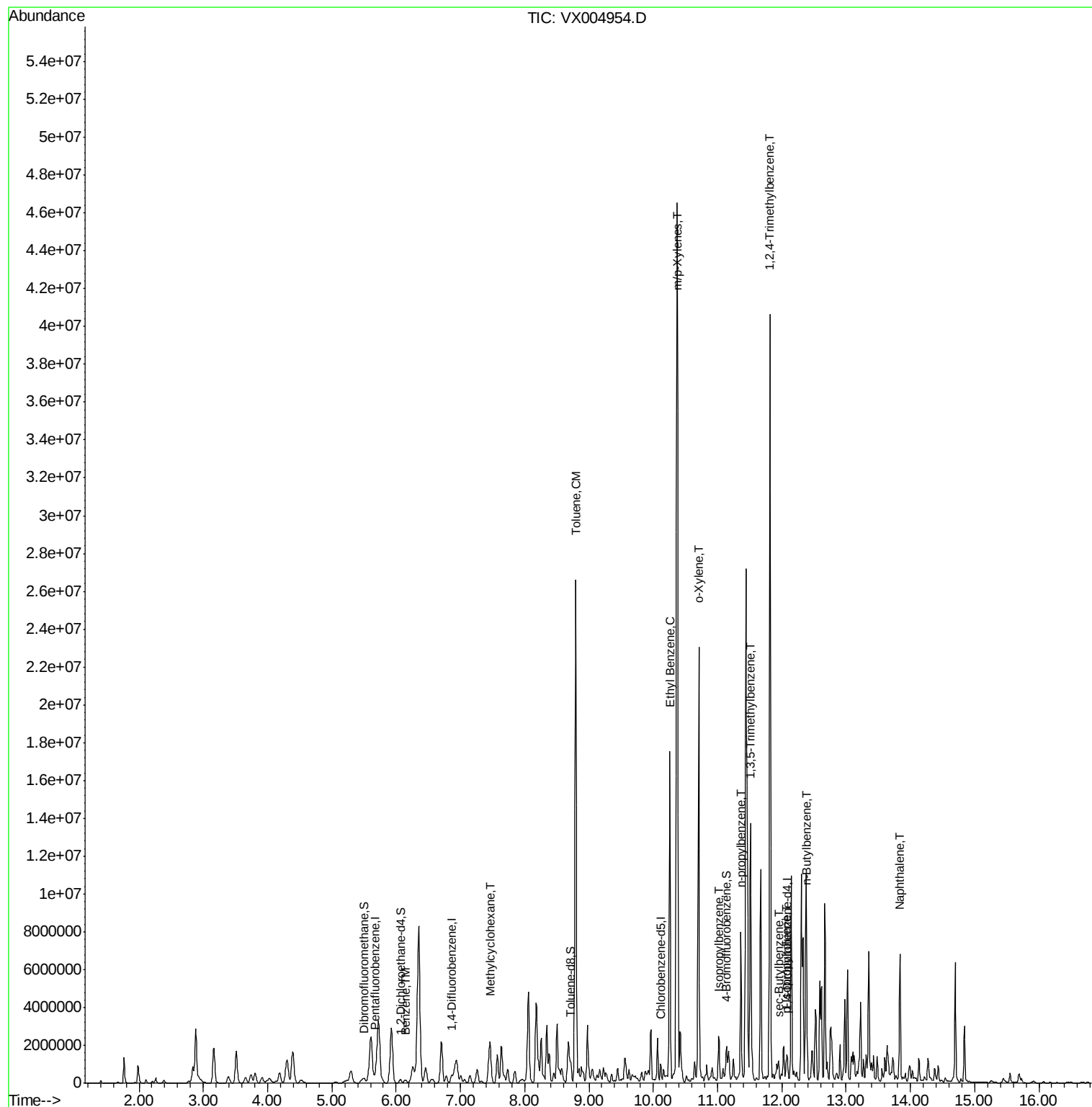
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004954.D
Acq On : 03 Oct 2018 08:26
Operator : JC/MD
Sample : J5084-02 10X
Misc : 6.44q/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 36 Sample Multiplier: 1

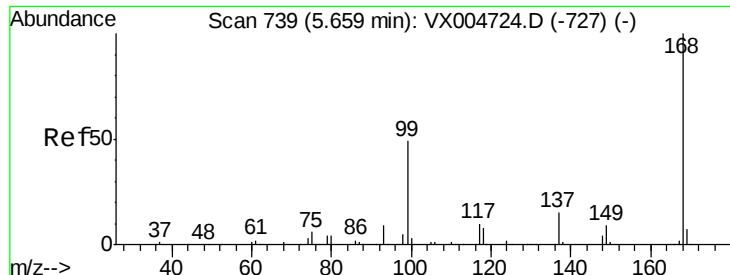
Instrument :
MSVOA_X
ClientSampleId :
B-8(9-9.5)

Manual Integrations
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Quant Time: Oct 03 09:01:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004954.D

Acq: 03 Oct 2018 08:26

Instrument :

MSVOA_X

ClientSampled :

B-8(9-9.5)

Tot Ion:168 Resp: 268119

Ion Ratio Lower Upper

168 100

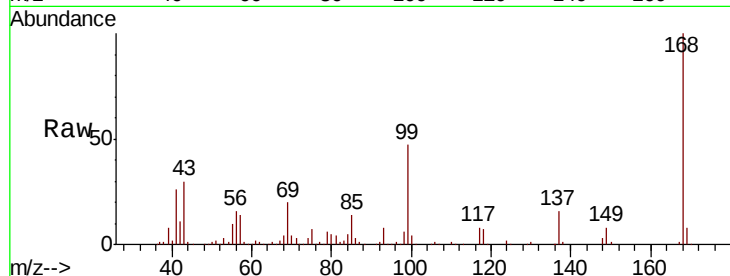
99 46.2 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

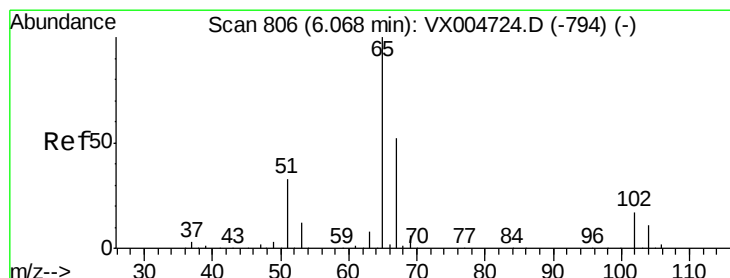
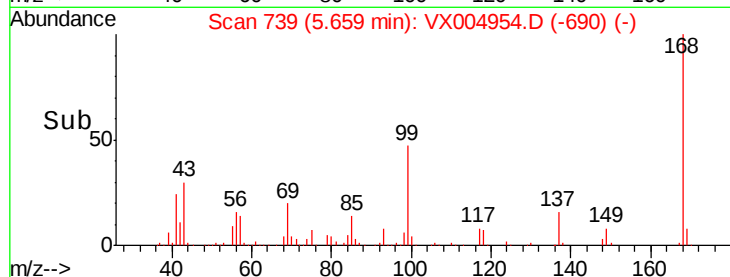
20000

0

Time-->

5.50 5.60 5.70 5.80

5.66



#33

1,2-Dichloroethane-d4

Concen: 46.020 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004954.D

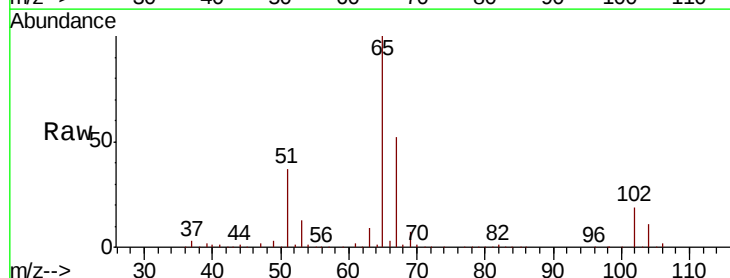
Acq: 03 Oct 2018 08:26

Tgt Ion: 65 Resp: 176260

Ion Ratio Lower Upper

65 100

67 56.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

60000

40000

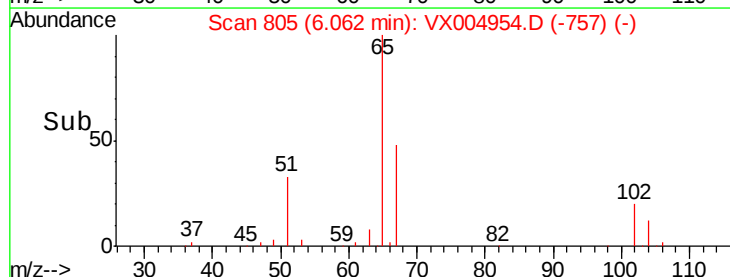
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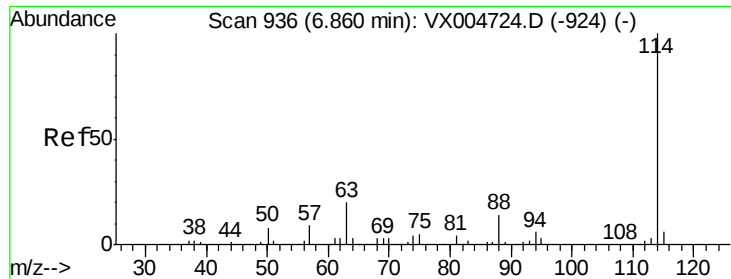
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Time-->

6.00 6.10 6.20

6.06





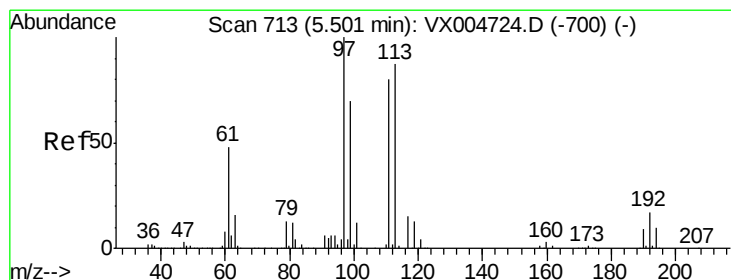
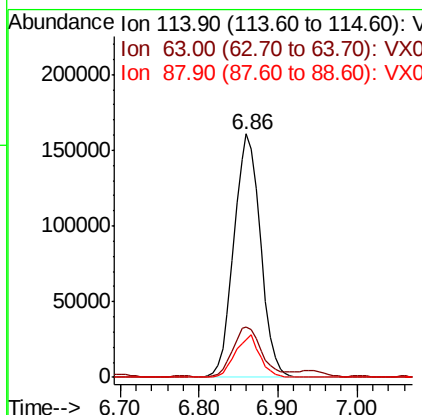
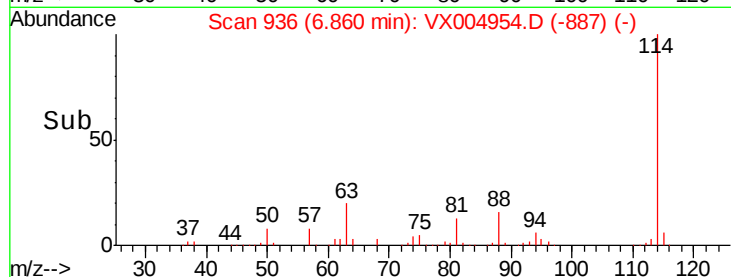
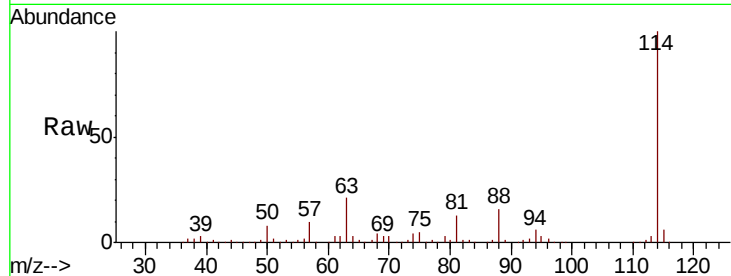
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004954.D
 Acq: 03 Oct 2018 08:26

Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(9-9.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	15.5	0.0	27.0

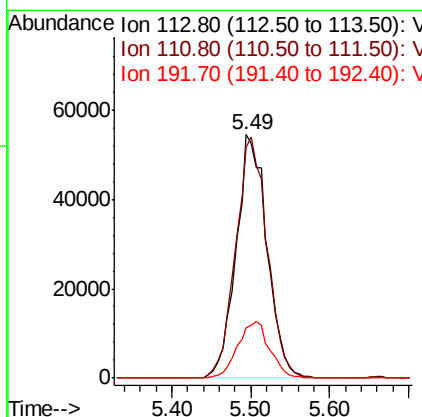
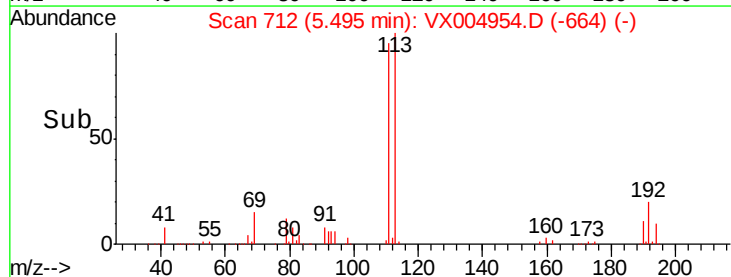
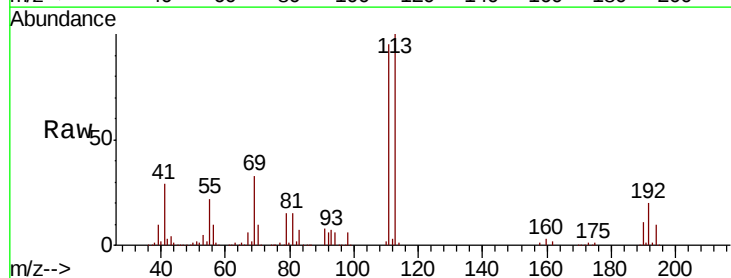
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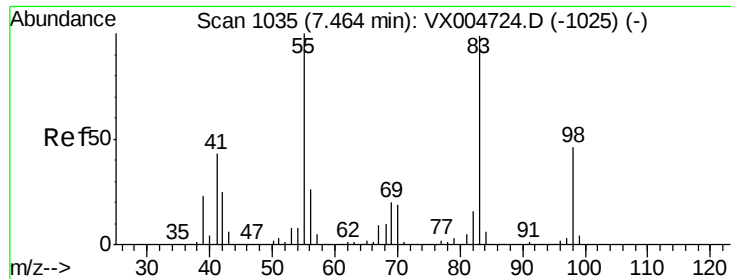
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#35
 Dibromofluoromethane
 Concen: 46.330 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004954.D
 Acq: 03 Oct 2018 08:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	77.0	115.4
192	23.9	17.0	25.6





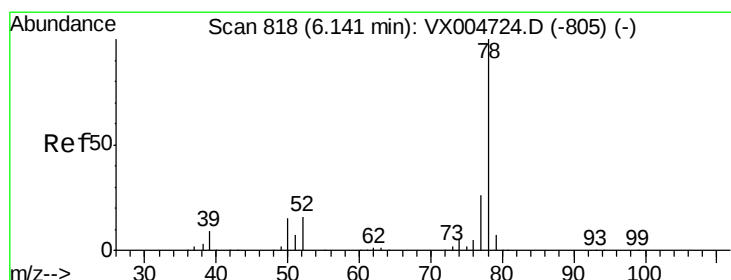
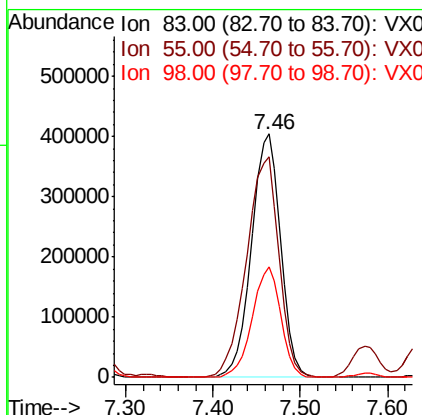
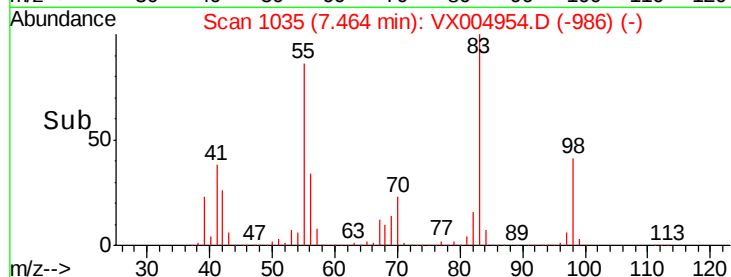
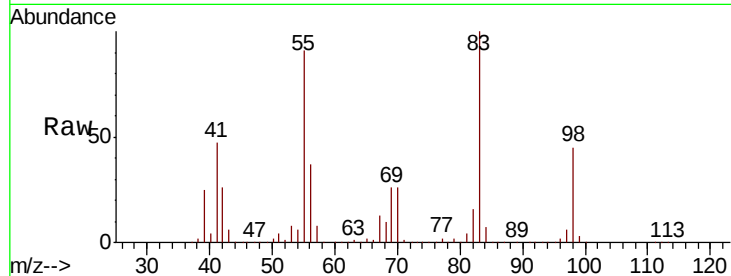
#39
Methvlcvclohexane
Concen: 209.294 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Instrument :
MSVOA_X
ClientSampled :
B-8(9-9.5)

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.7	81.1	121.7
98	45.2	37.3	55.9

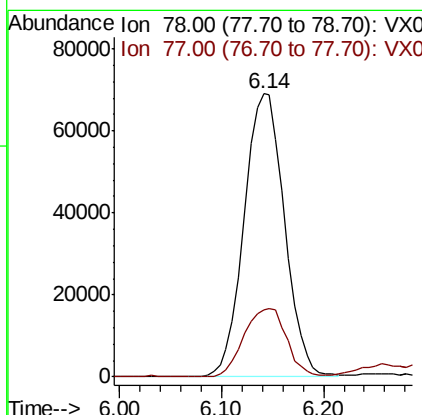
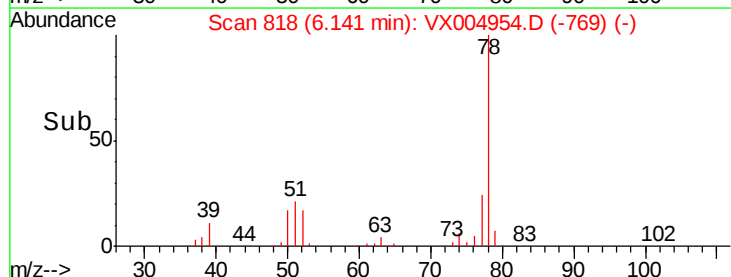
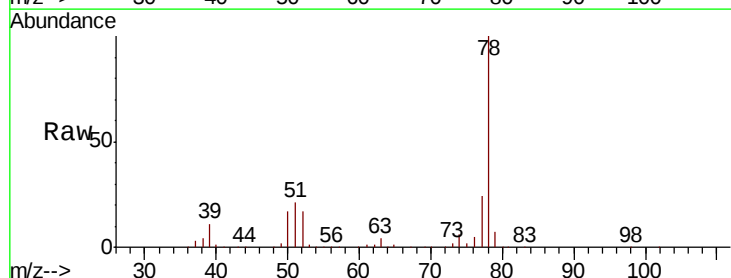
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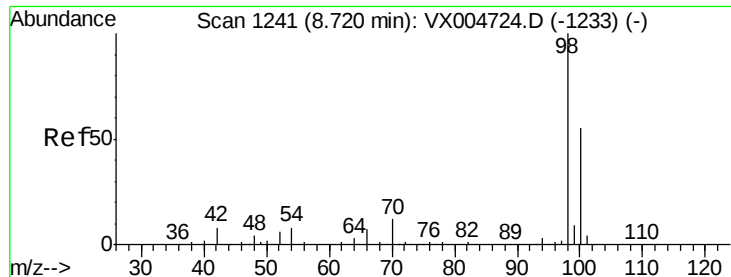
sam
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#40
Benzene
Concen: 13.907 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	21.0	31.4





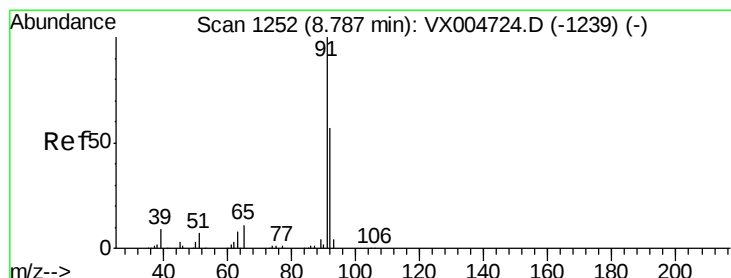
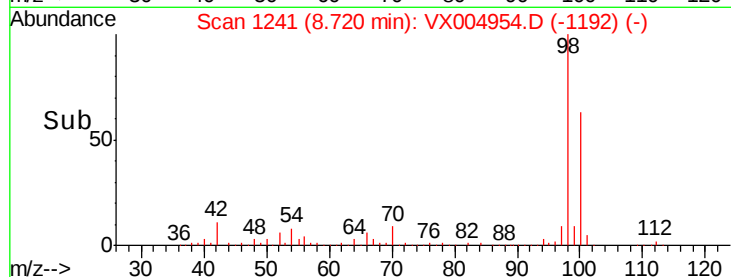
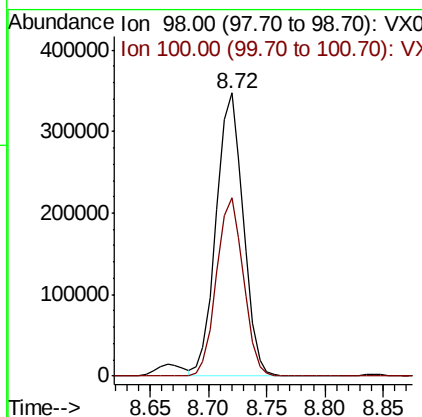
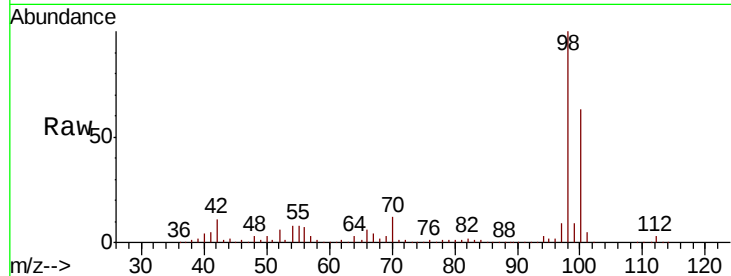
#50
Toluene-d8
Concen: 52.438 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Instrument :
MSVOA_X
ClientSampleId :
B-8(9-9.5)

Tot Ion	98	100	Ratio	Lower	Upper
98	100				
100	62.3	51.9			77.9

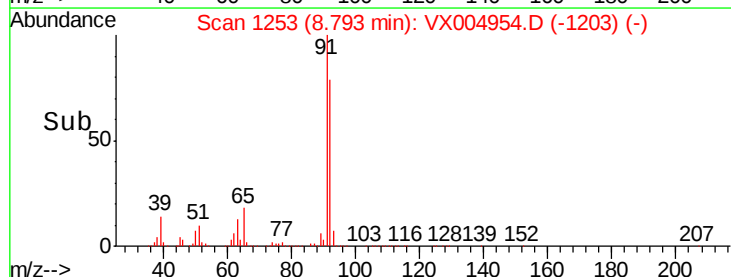
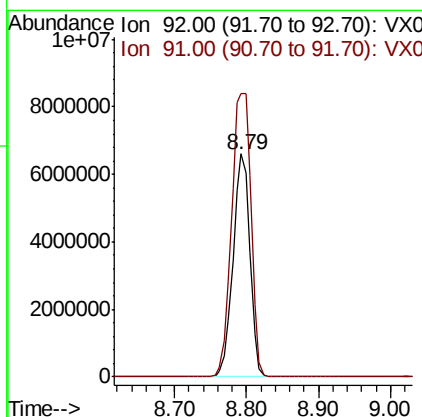
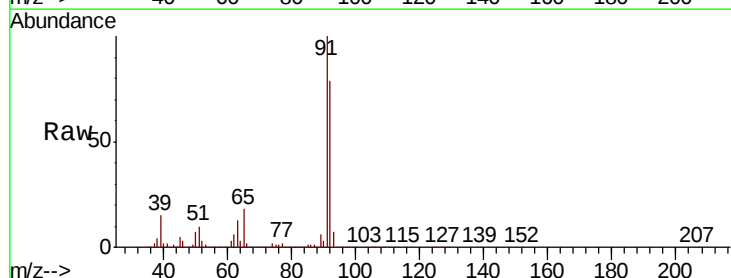
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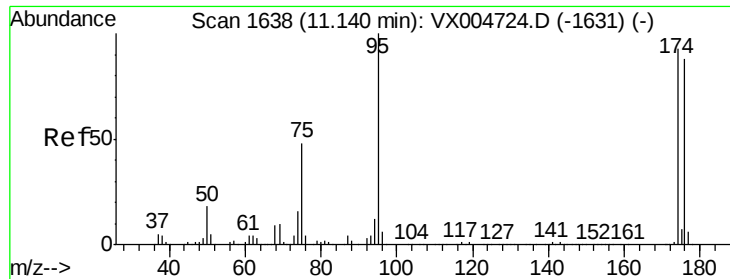
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#52
Toluene
Concen: 1434.235 ug/l
RT: 8.79 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	147.5	136.7			205.1





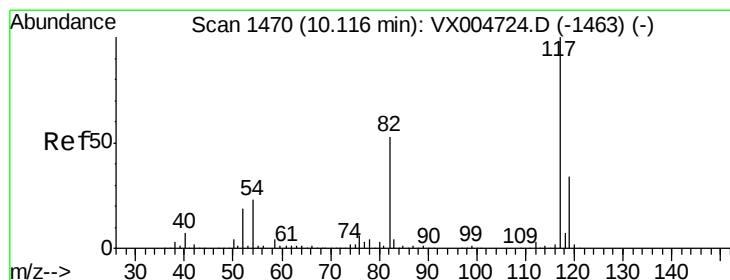
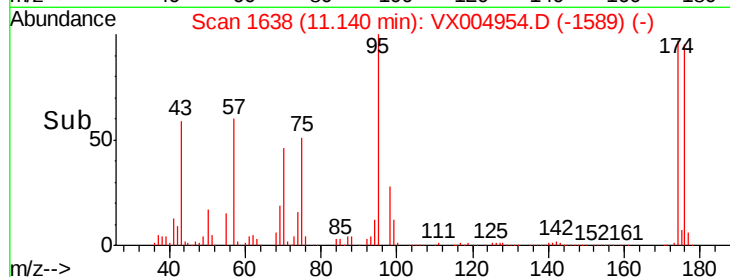
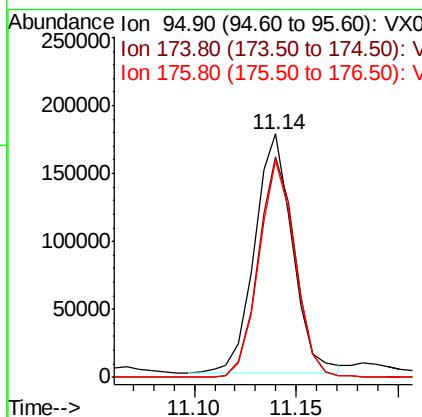
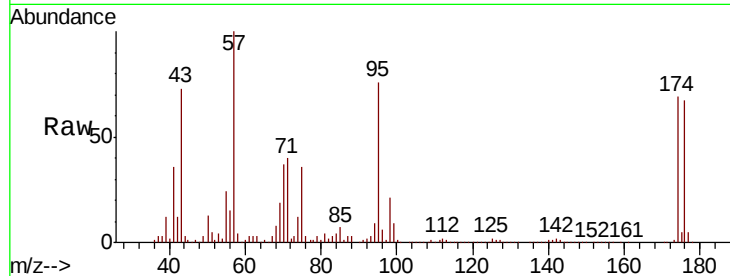
#62
4-Bromofluorobenzene
Concen: 59.676 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Instrument :
MSVOA_X
ClientSampled :
B-8(9-9.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	228817		
174	89.6	0.0	185.0	
176	86.8	0.0	180.2	

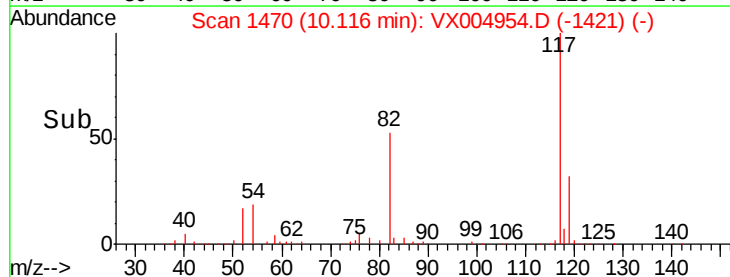
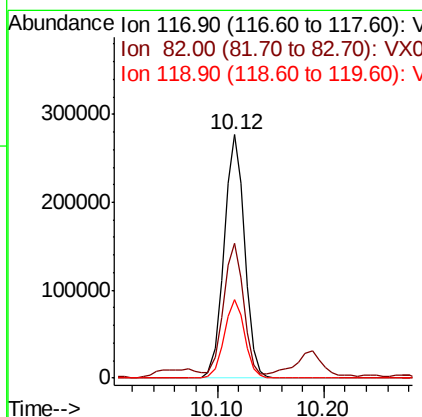
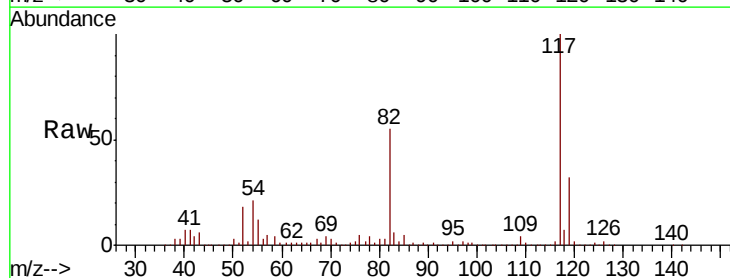
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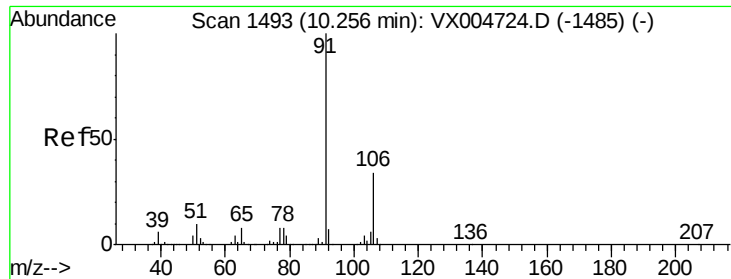
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	374060		
82	53.9	42.2	63.4	
119	32.1	27.4	41.0	





#67

Ethyl Benzene

Concen: 615.175 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004954.D

Acq: 03 Oct 2018 08:26

Instrument :

MSVOA_X

ClientSampleId :

B-8(9-9.5)

Tot Ion: 91 Resp: 9368152

Ion Ratio Lower Upper

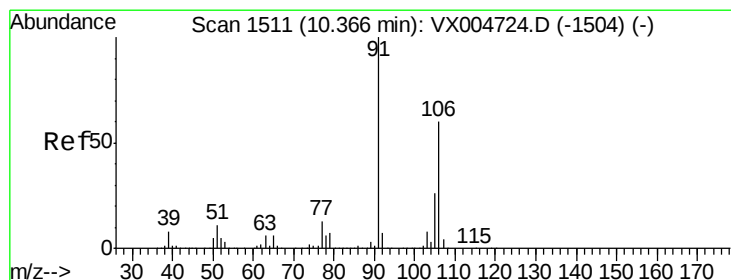
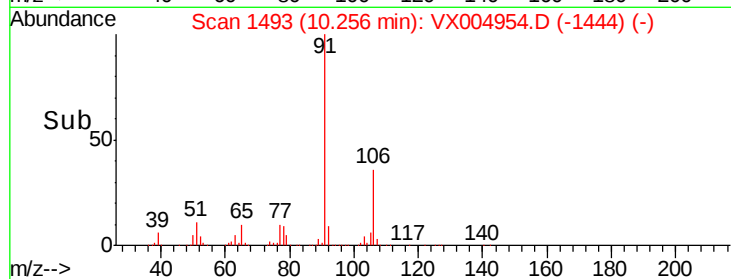
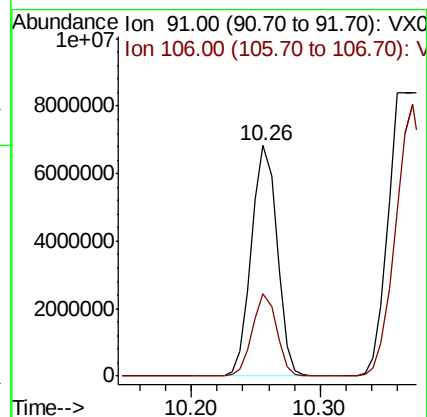
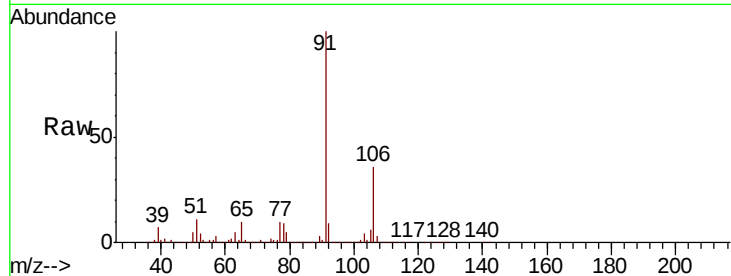
91 100

106 35.7 26.9 40.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 2075.292 ug/l

RT: 10.37 min Scan# 1512

Delta R.T. 0.01 min

Lab File: VX004954.D

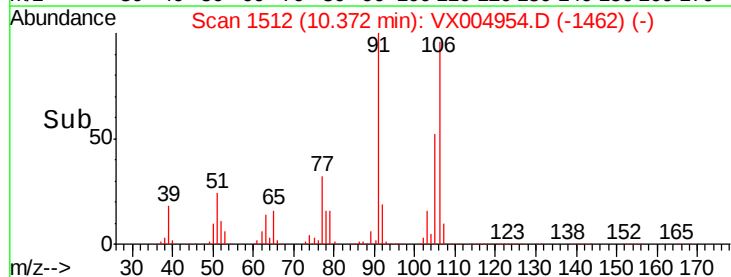
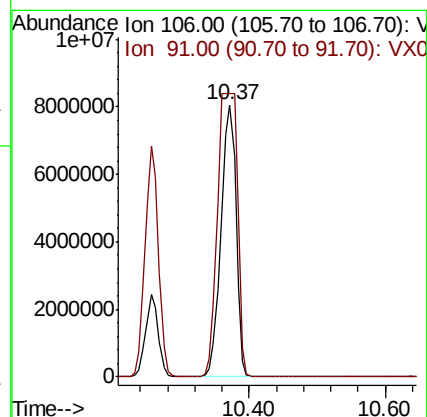
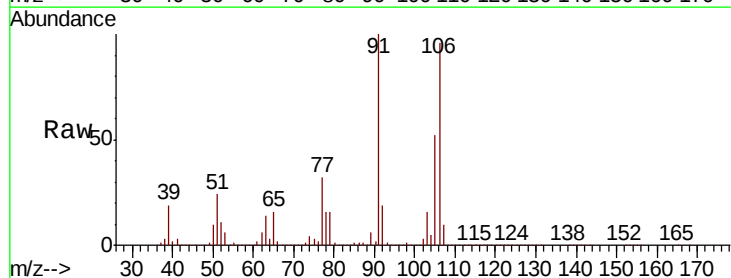
Acq: 03 Oct 2018 08:26

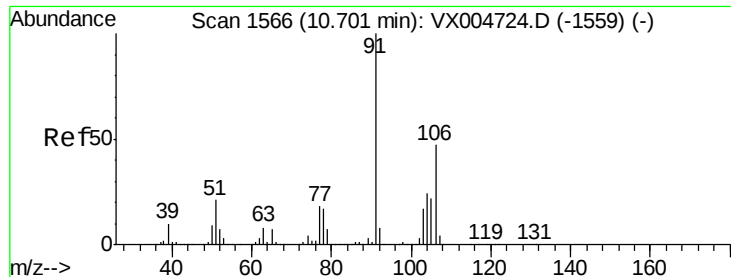
Tgt Ion: 106 Resp: 12349728

Ion Ratio Lower Upper

106 100

91 140.0 157.5 236.3#





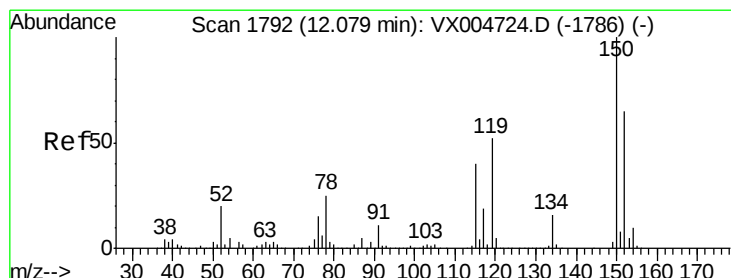
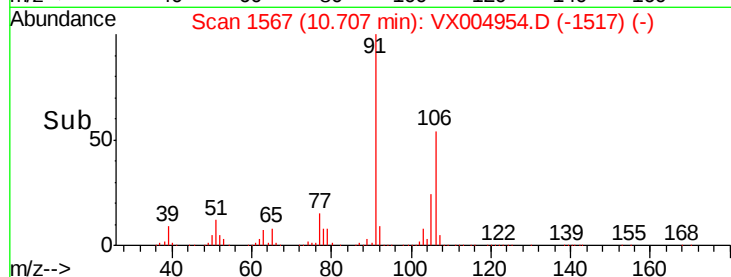
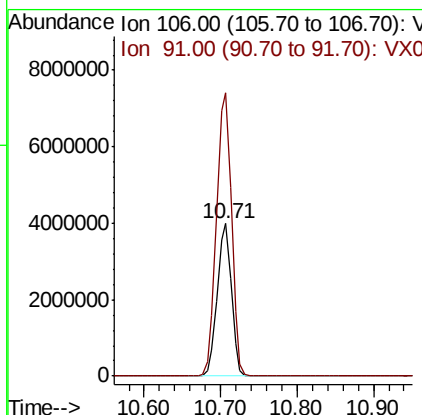
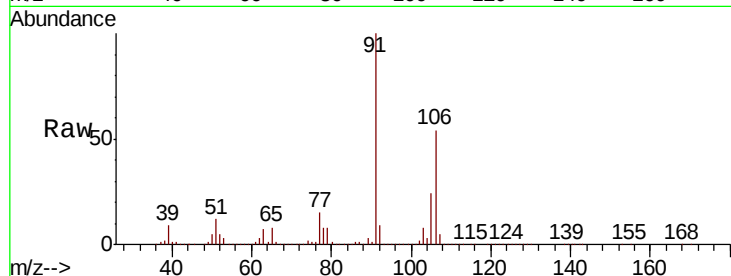
#69
o-Xylene
Concen: 935.774 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Instrument :
MSVOA_X
ClientSampled :
B-8(9-9.5)

Tot Ion:106 Resp: 5114765
Ion Ratio Lower Upper
106 100
91 197.6 108.3 324.8

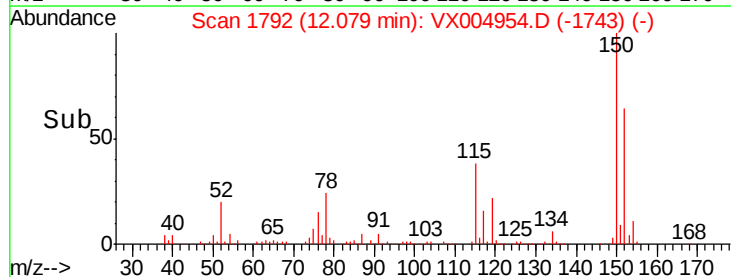
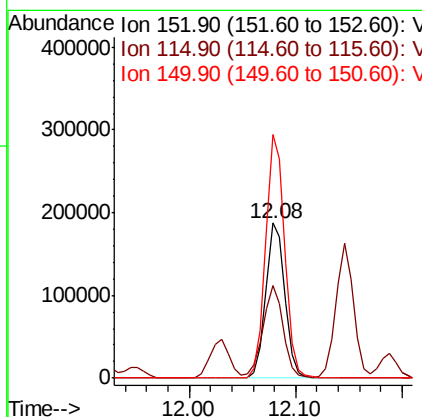
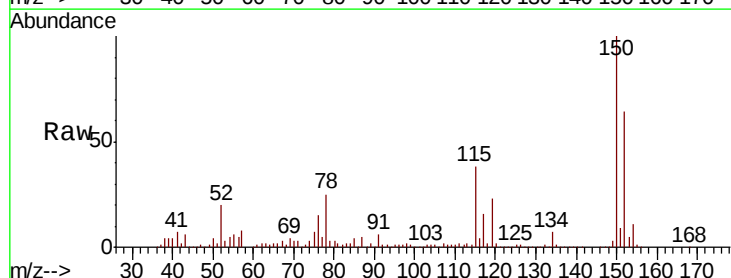
Manual Integrations
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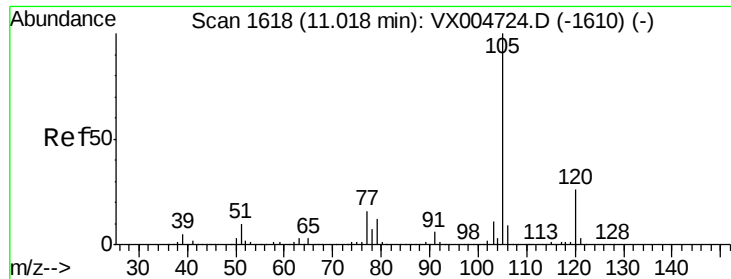
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Tgt Ion:152 Resp: 236286
Ion Ratio Lower Upper
152 100
115 63.2 40.2 120.6
150 155.5 0.0 351.0





#73

Isopropylbenzene

Concen: 78.953 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004954.D

Acq: 03 Oct 2018 08:26

Instrument :

MSVOA_X

ClientSampleId :

B-8(9-9.5)

Tot Ion: 105 Resp: 1175884

Ion Ratio Lower Upper

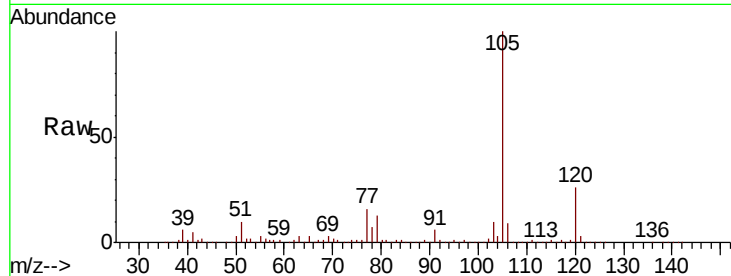
105 100

120 26.6 13.2 39.5

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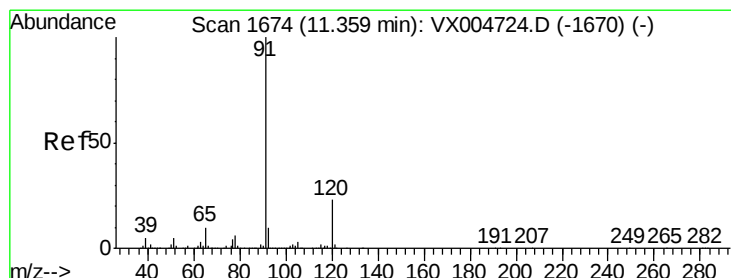
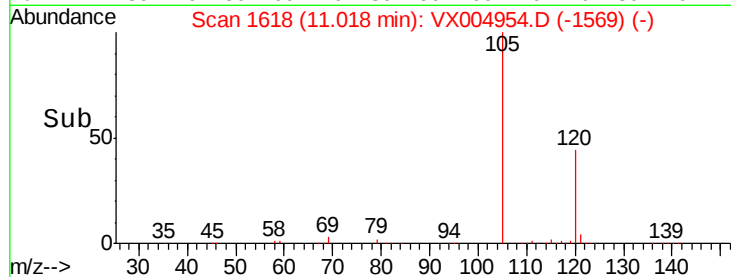
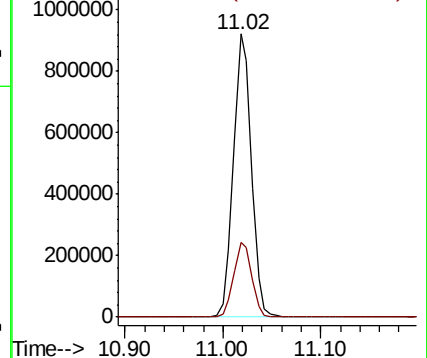
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 293.744 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004954.D

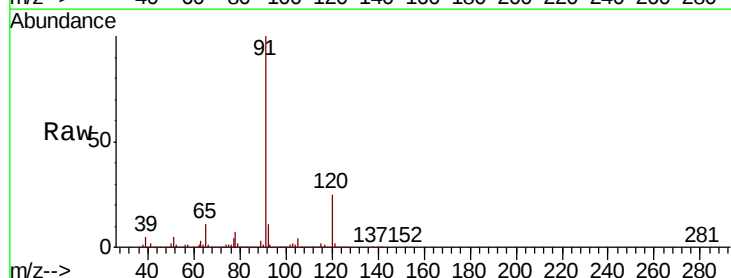
Acq: 03 Oct 2018 08:26

Tgt Ion: 91 Resp: 5019627

Ion Ratio Lower Upper

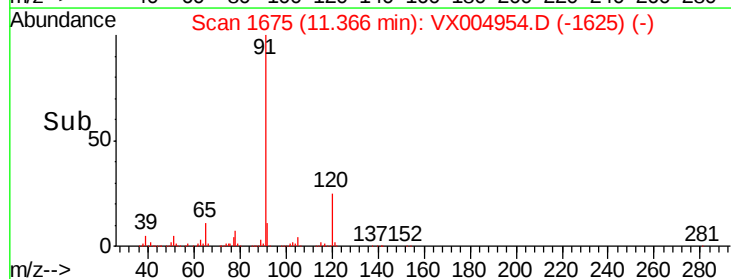
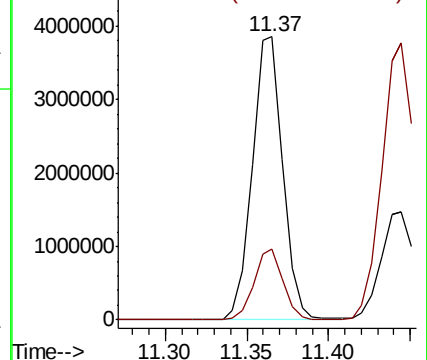
91 100

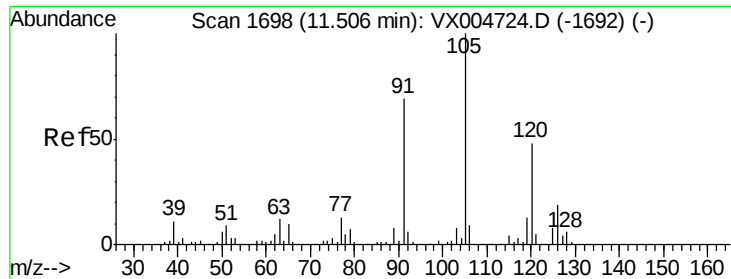
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





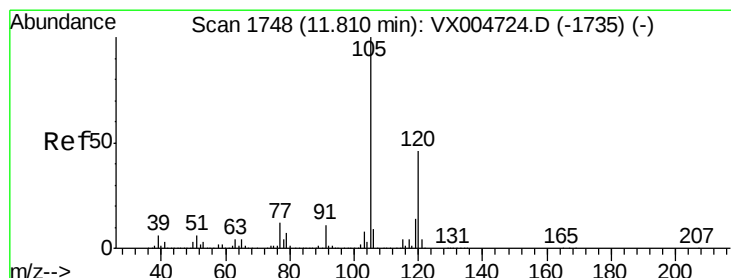
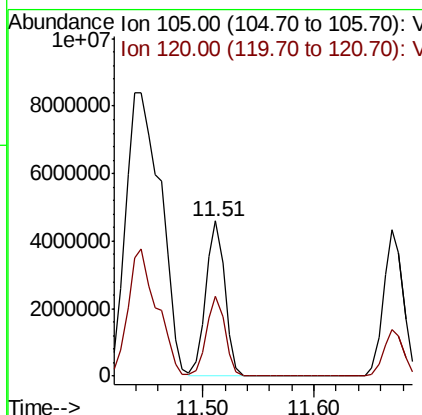
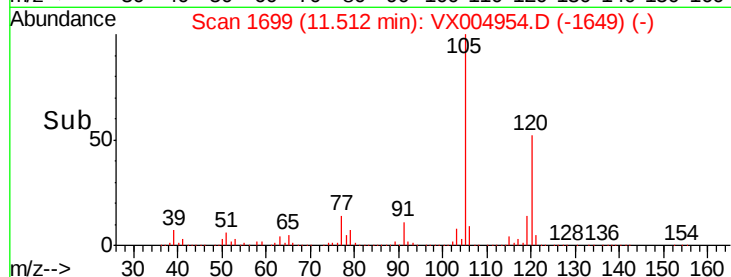
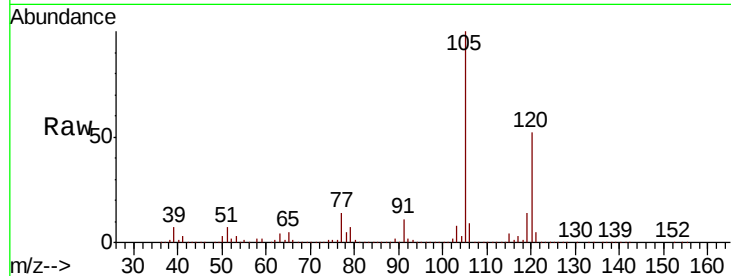
#80
 1,3,5-Trimethylbenzene
 Concen: 402.610 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004954.D
 Acq: 03 Oct 2018 08:26

Instrument :
 MSVOA_X
 ClientSampled :
 B-8(9-9.5)

Tot Ion:105 Resp: 5476742
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.3 72.8

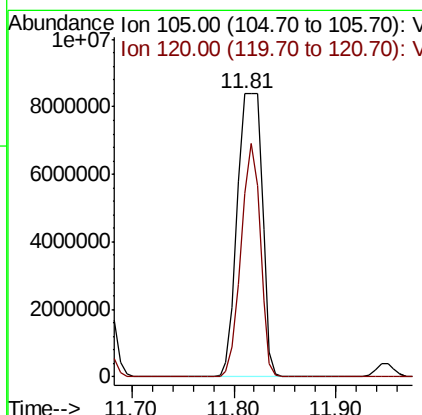
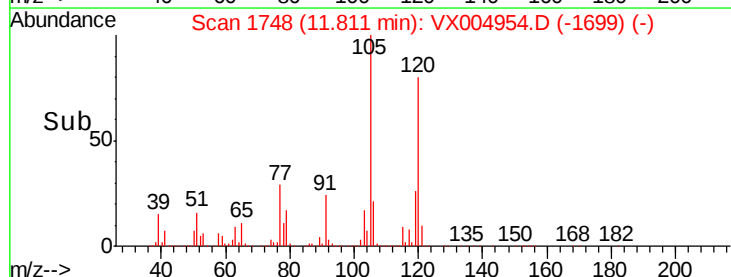
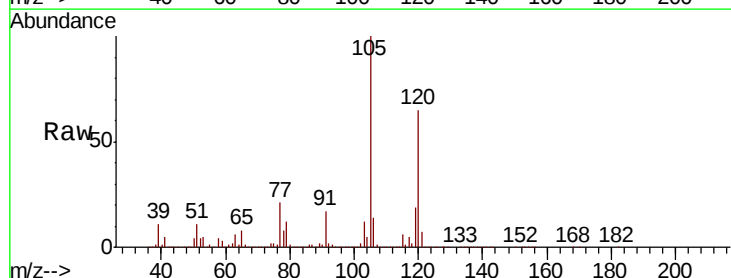
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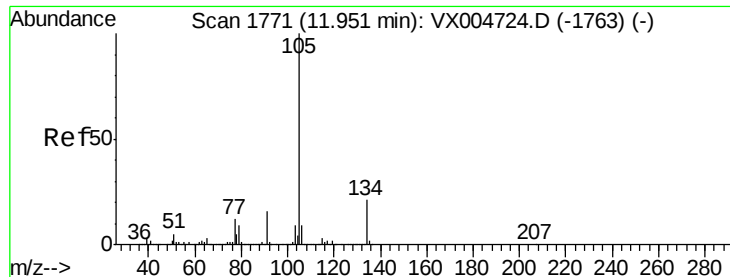
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 1011.005 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004954.D
 Acq: 03 Oct 2018 08:26

Tgt Ion:105 Resp:14178659
 Ion Ratio Lower Upper
 105 100
 120 63.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 34.432 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004954.D

Acq: 03 Oct 2018 08:26

Instrument :

MSVOA_X

ClientSampled :

B-8(9-9.5)

Tot Ion:105 Resp: 514275

Ion Ratio Lower Upper

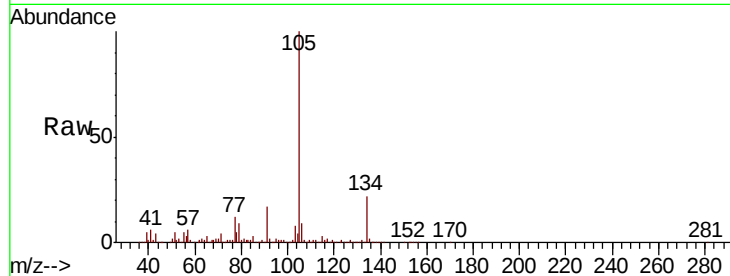
105 100

134 17.4 10.2 30.4

Manual Integrations
APPROVED

sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

400000

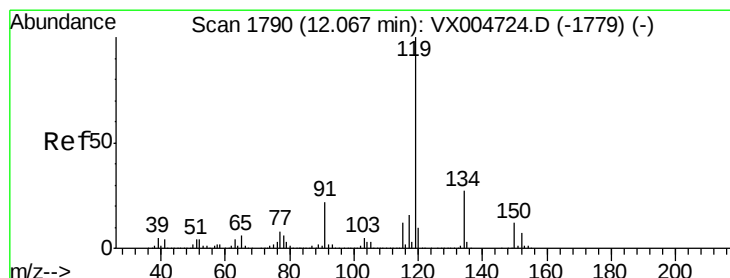
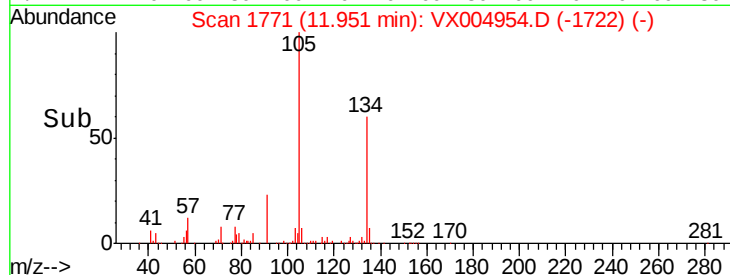
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.008 ug/l m

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004954.D

Acq: 03 Oct 2018 08:26

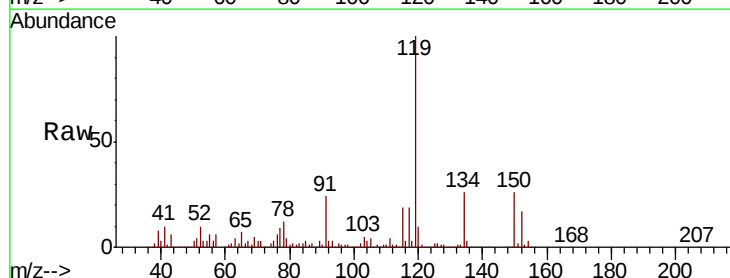
Tgt Ion:119 Resp: 257217

Ion Ratio Lower Upper

119 100

134 84.3 13.4 40.1#

91 70.6 11.5 34.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

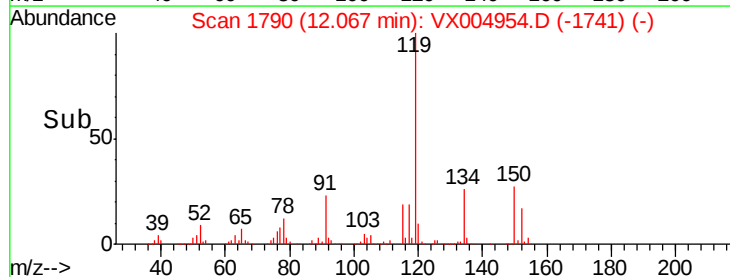
600000

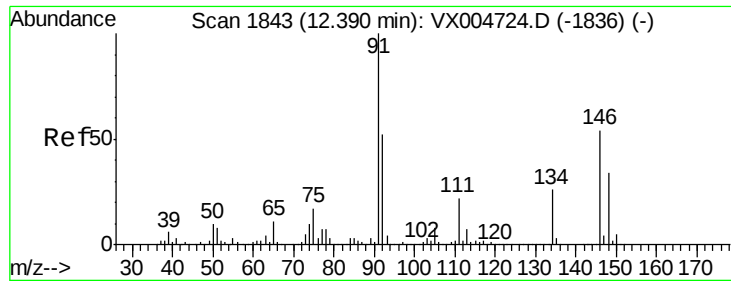
400000

200000

0

Time-->





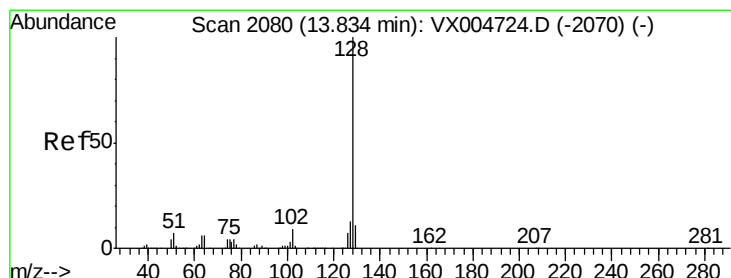
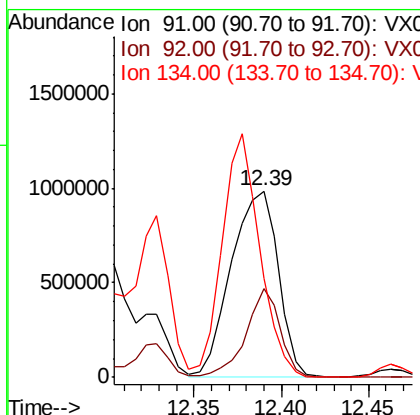
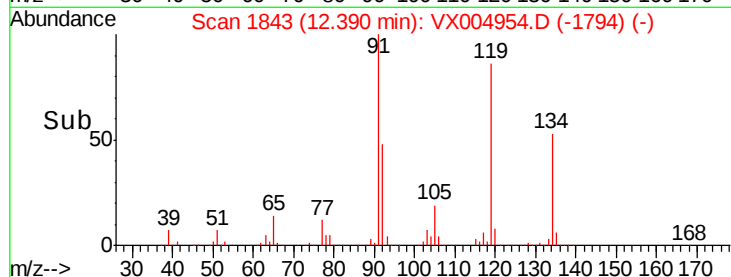
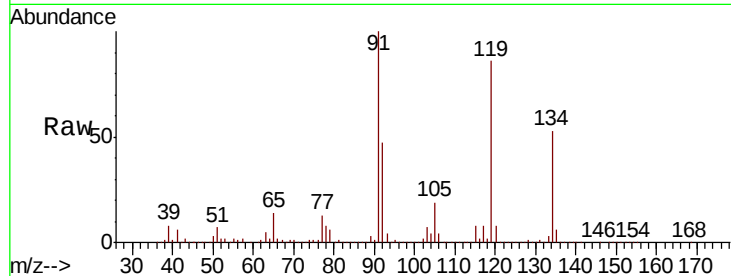
#89
n-Butylbenzene
Concen: 149.284 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Instrument :
MSVOA_X
ClientSampleId :
B-8(9-9.5)

Tot Ion: 91 Resp: 1834635
Ion Ratio Lower Upper
91 100
92 34.7 26.0 78.0
134 104.9 13.2 39.6#

Manual Integrations
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sam
10/3/2018 5:57:25 PM



#95
Naphthalene
Concen: 209.102 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004954.D
Acq: 03 Oct 2018 08:26

Tgt Ion:128 Resp: 4155403
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.5 8.7 13.1

