

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004957.D
 Acq On : 03 Oct 2018 09:46
 Operator : JC/MD
 Sample : J5084-05 10X
 Misc : 5.61q/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-7(8-8.5)

Manual Integrations
 APPROVED

sam
 10/3/2018 5:57:00 PM

Quant Time: Oct 03 14:36:15 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	5.67	168	284339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181265	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	5.50	113	159179	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
50) Toluene-d8	8.72	98	613180	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.14	95	259449	59.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.28%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	686979	135.753	ug/l	88
40) Benzene	6.14	78	64979	4.188	ug/l	92
52) Toluene	8.79	92	4575382	536.675	ug/l	98
67) Ethyl Benzene	10.26	91	6938757	412.317	ug/l	100
68) m/p-Xylenes	10.37	106	11643361	1770.536	ug/l #	64
69) o-Xylene	10.71	106	4916132	813.904	ug/l	89
73) Isopropylbenzene	11.02	105	1075535	65.688	ug/l	100
78) n-propylbenzene	11.37	91	4468962	237.883	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	6349732	424.607	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	14748211	956.559	ug/l	66
85) sec-Butylbenzene	11.95	105	507282	30.894	ug/l	94
86) p-Isopropyltoluene	12.07	119	279716m	18.803	ug/l	
89) n-Butylbenzene	12.39	91	1887667	139.717	ug/l #	28
95) Naphthalene	13.83	128	4414295	202.077	ug/l	99

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

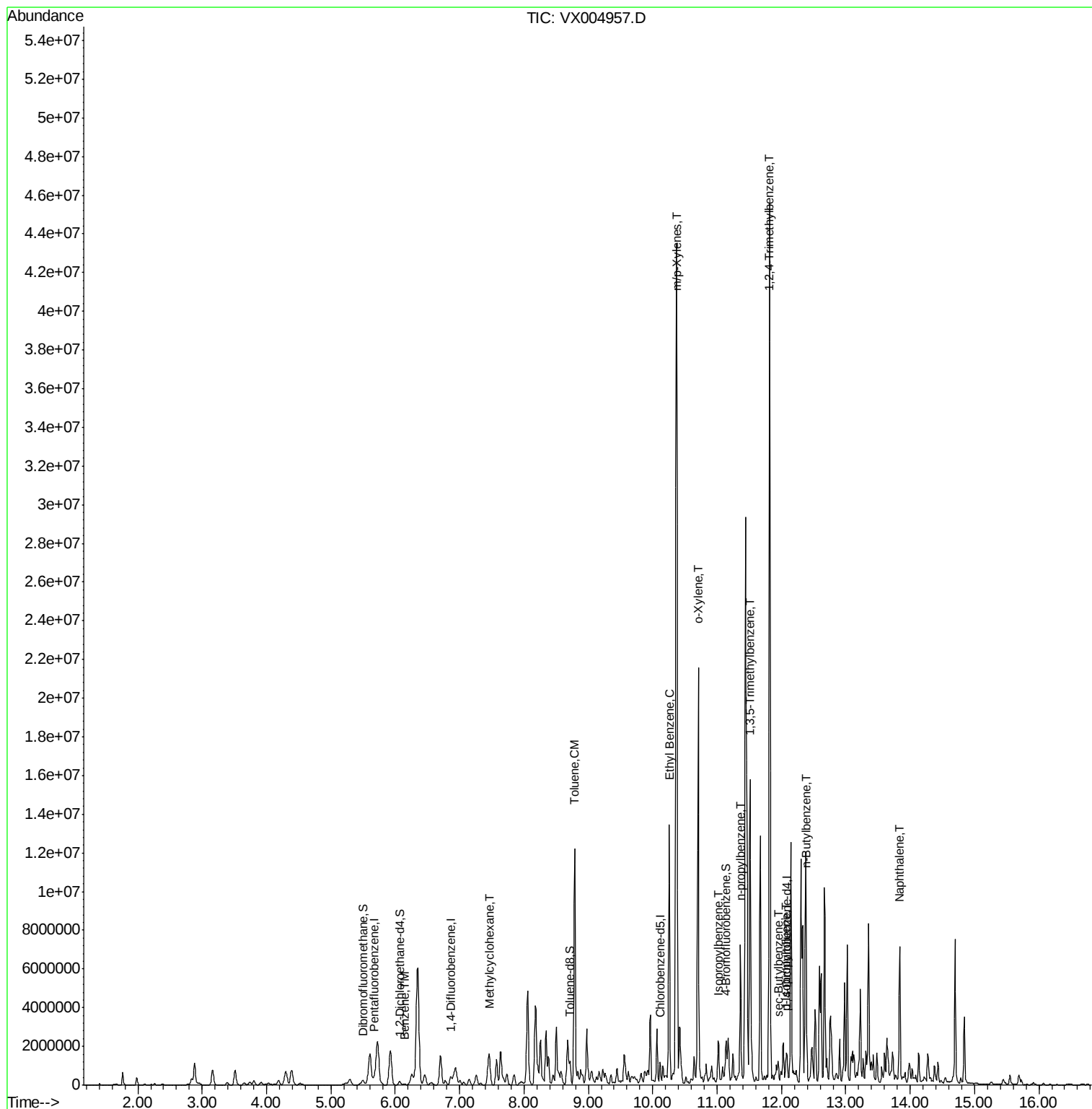
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004957.D
Acq On : 03 Oct 2018 09:46
Operator : JC/MD
Sample : J5084-05 10X
Misc : 5.61q/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 39 Sample Multiplier: 1

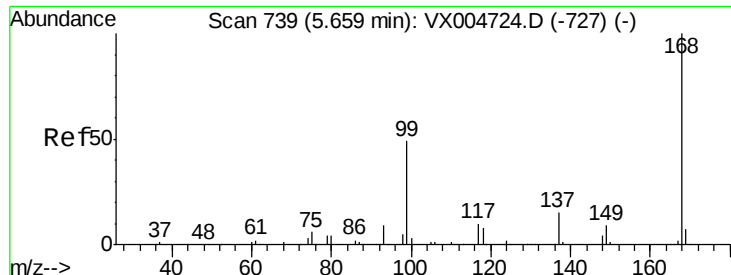
Instrument :
MSVOA_X
ClientSampleId :
B-7(8-8.5)

Manual Integrations
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10/3/2018 5:57:00 PM

Quant Time: Oct 03 14:36:15 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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

Instrument :

MSVOA_X

ClientSampled :

B-7(8-8.5)

Tot Ion:168 Resp: 284339

Ion Ratio Lower Upper

168 100

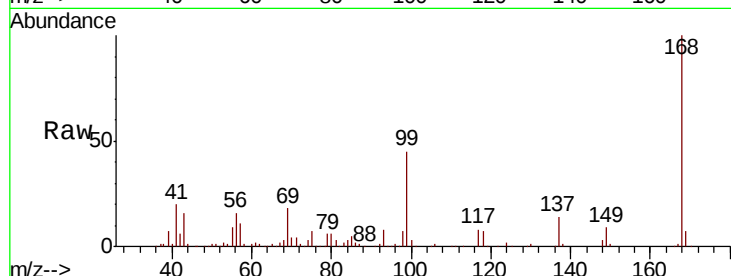
99 45.1 39.3 58.9

Manual Integrations

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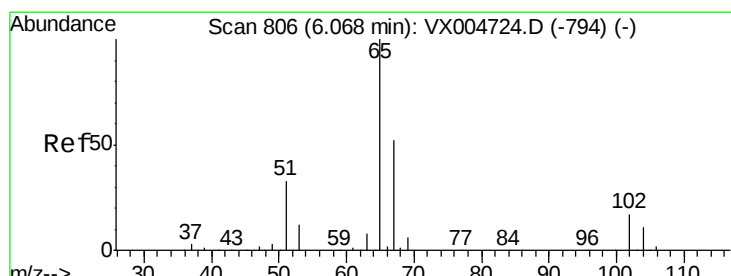
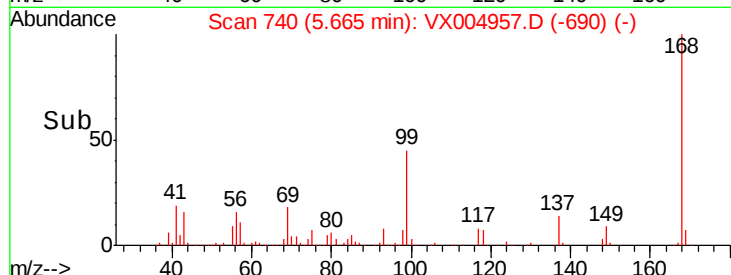


Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.627 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004957.D

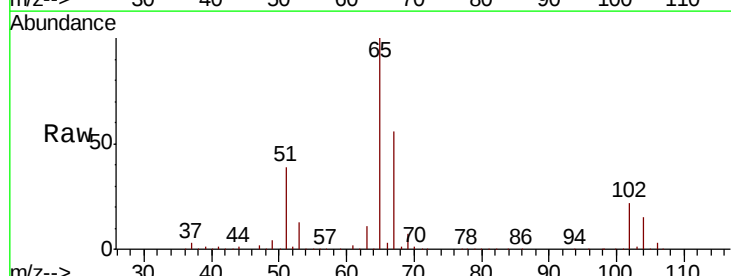
Acq: 03 Oct 2018 09:46

Tgt Ion: 65 Resp: 181265

Ion Ratio Lower Upper

65 100

67 55.6 0.0 107.4

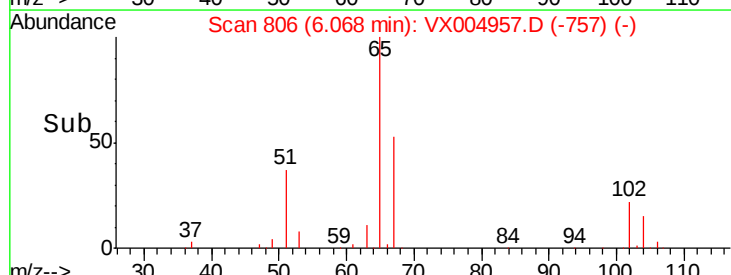


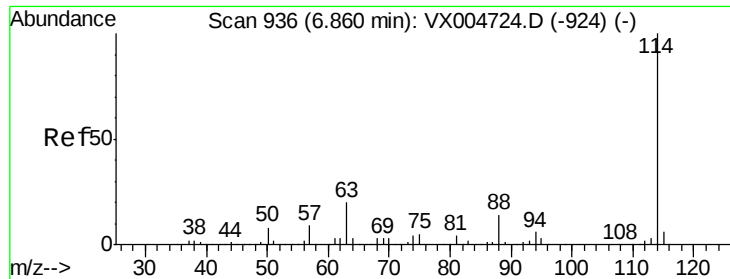
Abundance Ion 64.90 (64.60 to 65.60): VX004724.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX004724.D (-794) (-)

6.07

Time-->





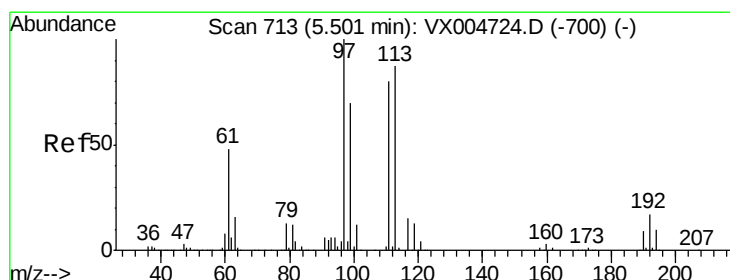
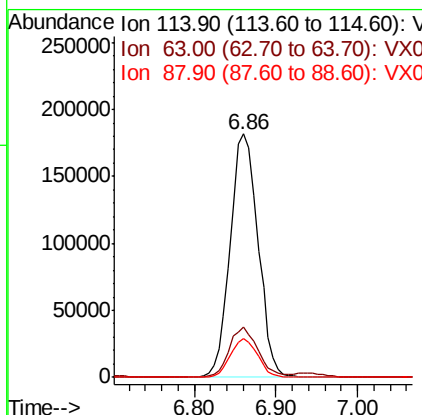
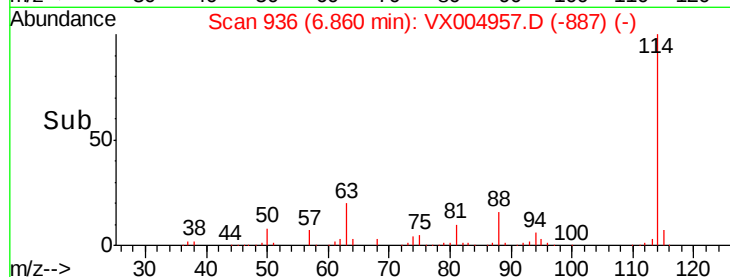
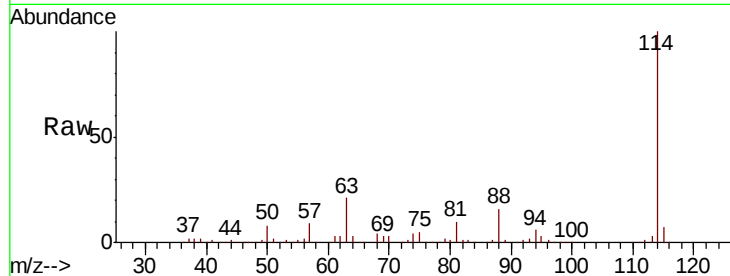
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004957.D
Acq: 03 Oct 2018 09:46

Instrument :
MSVOA_X
ClientSampled :
B-7(8-8.5)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.9	0.0	27.0

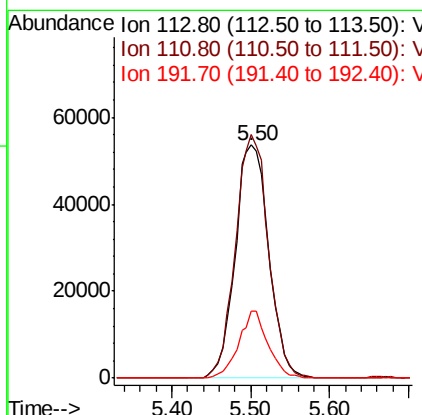
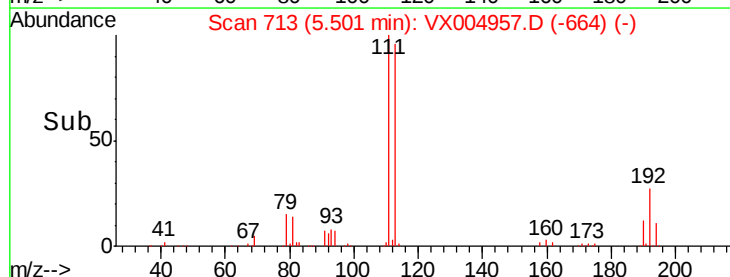
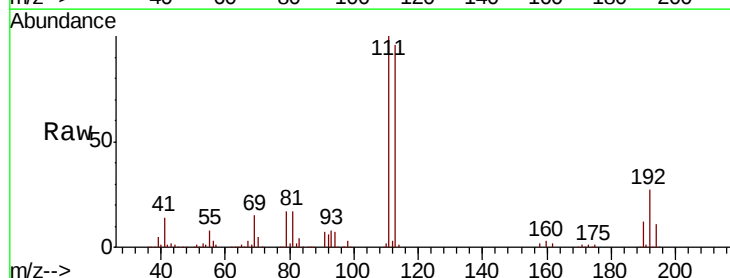
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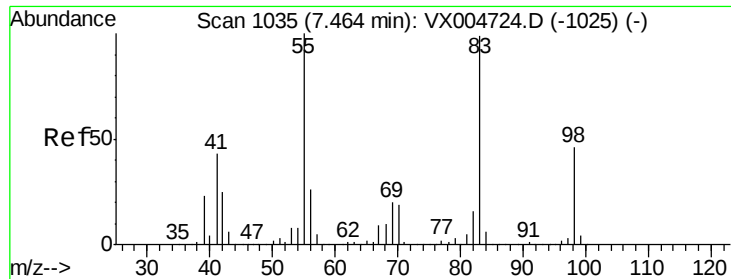
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#35
Dibromofluoromethane
Concen: 43.823 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004957.D
Acq: 03 Oct 2018 09:46

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.3	77.0	115.4
192	24.9	17.0	25.6





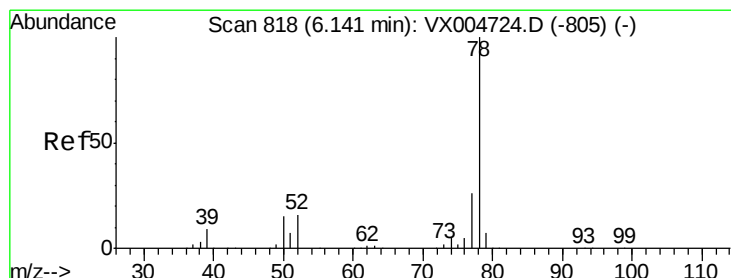
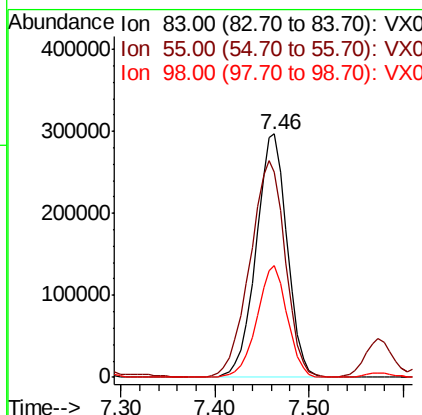
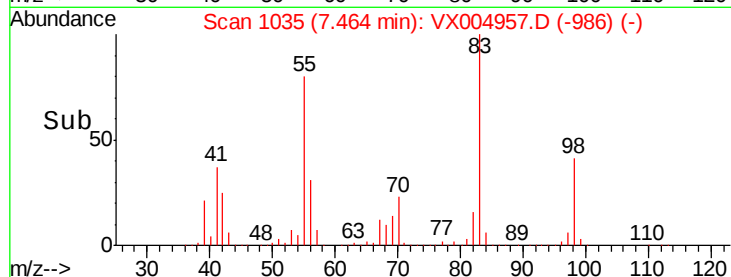
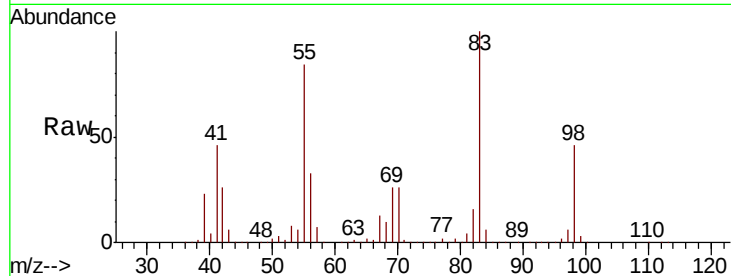
#39
Methvlcvclohexane
Concen: 135.753 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004957.D
Acq: 03 Oct 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
B-7(8-8.5)

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.3	81.1	121.7
98	45.8	37.3	55.9

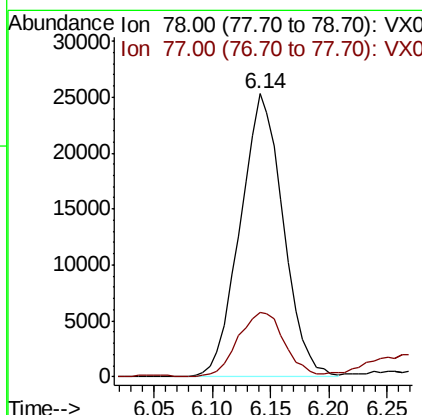
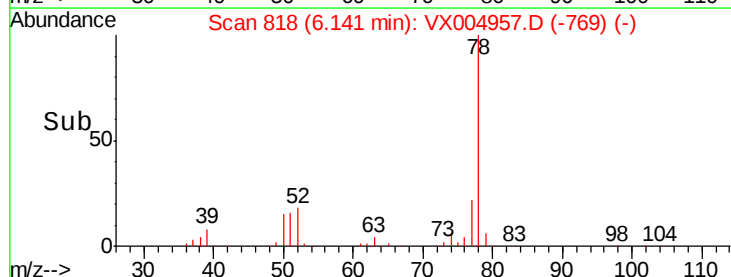
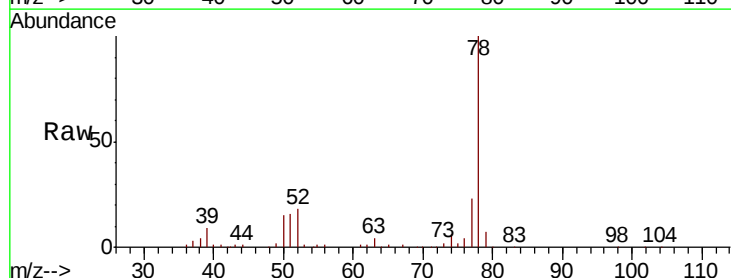
Manual Integrations
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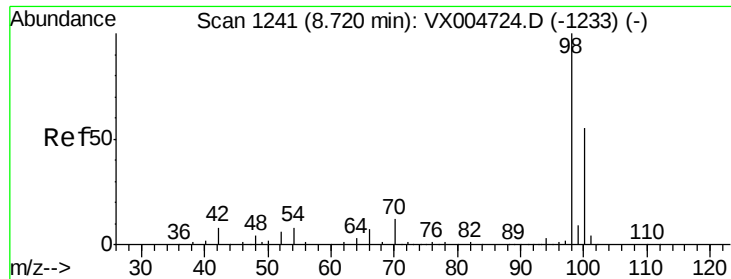
sam
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#40
Benzene
Concen: 4.188 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004957.D
Acq: 03 Oct 2018 09:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	21.0	31.4





#50

Toluene-d8

Concen: 50.778 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

B-7(8-8.5)

Tot Ion: 98 Resp: 613180

Ion Ratio Lower Upper

98 100

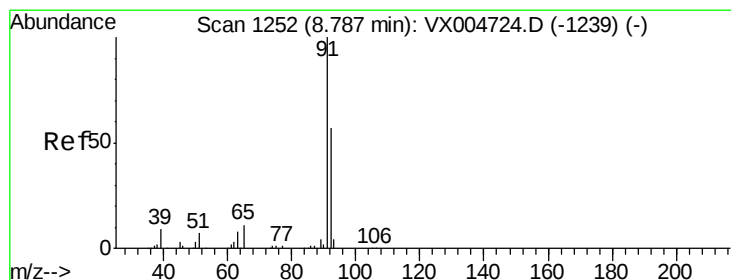
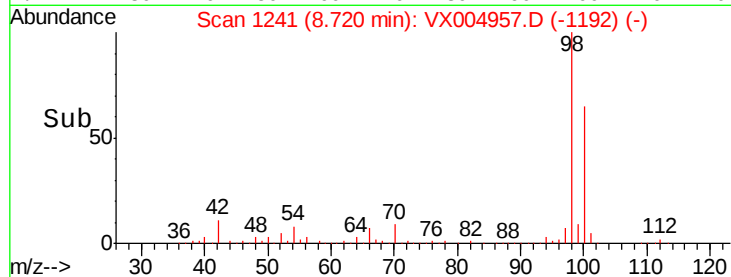
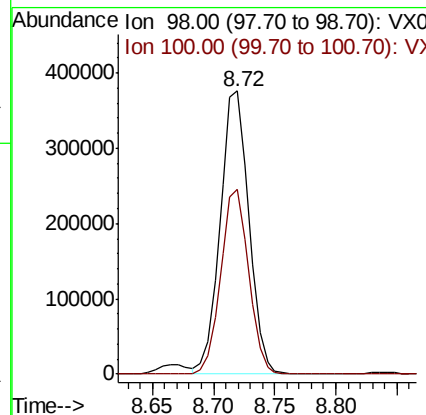
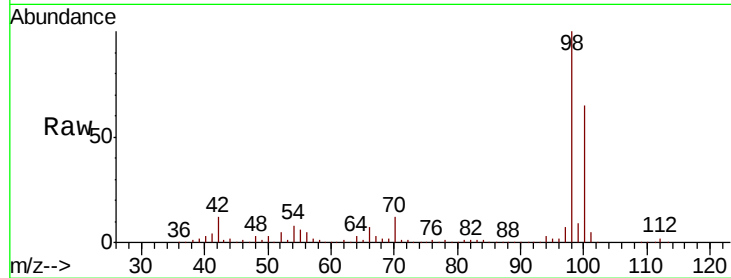
100 63.8 51.9 77.9

Manual Integrations

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sam

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#52

Toluene

Concen: 536.675 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004957.D

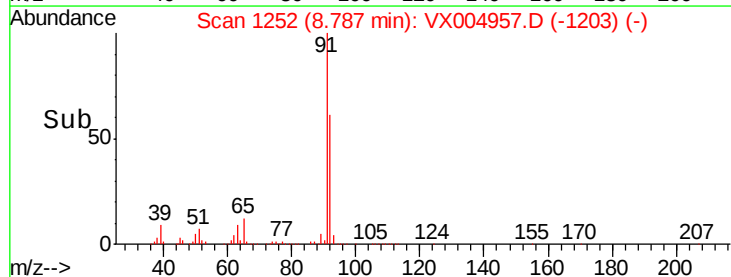
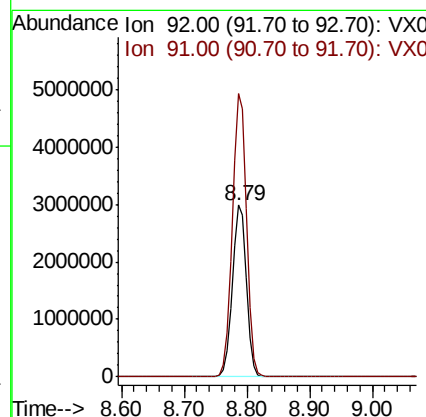
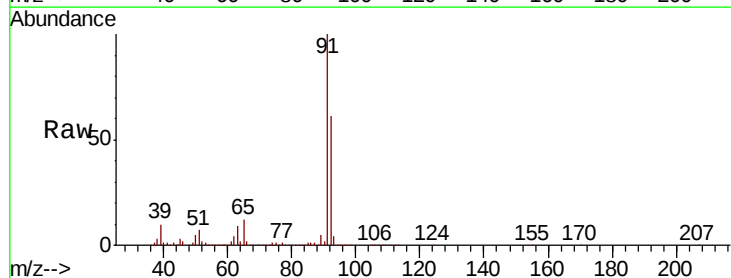
Acq: 03 Oct 2018 09:46

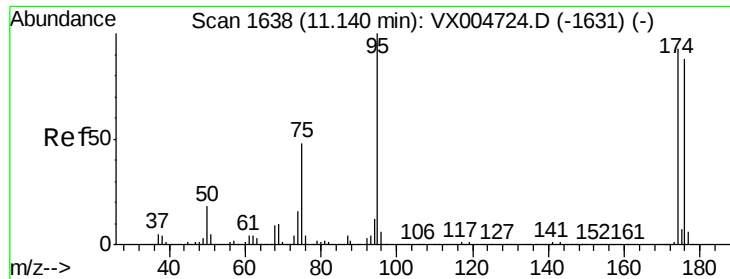
Tgt Ion: 92 Resp: 4575382

Ion Ratio Lower Upper

92 100

91 167.6 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 59.639 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

Instrument :

MSVOA_X

ClientSampled :

B-7(8-8.5)

Tot Ion: 95 Resp: 259449

Ion Ratio Lower Upper

95 100

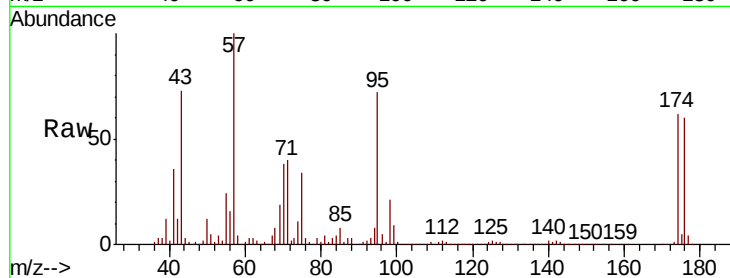
174 87.2 0.0 185.0

176 84.8 0.0 180.2

Manual Integrations
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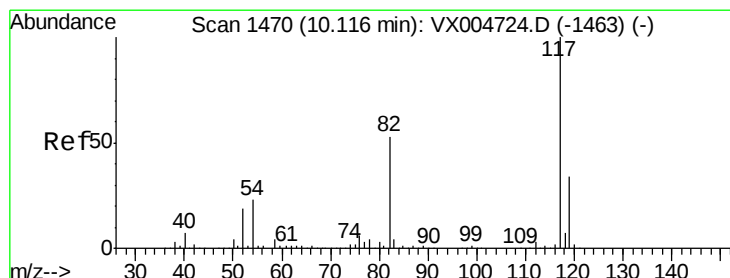
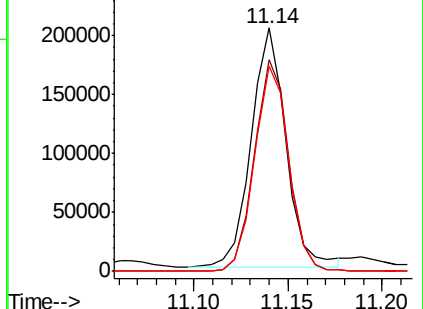
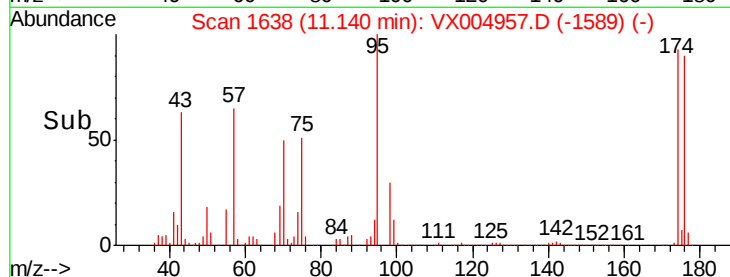


Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

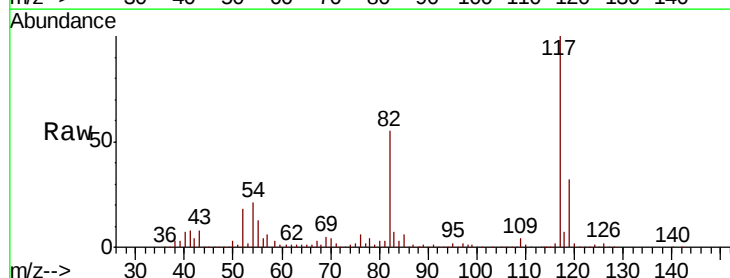
Tgt Ion: 117 Resp: 413368

Ion Ratio Lower Upper

117 100

82 53.9 42.2 63.4

119 32.3 27.4 41.0

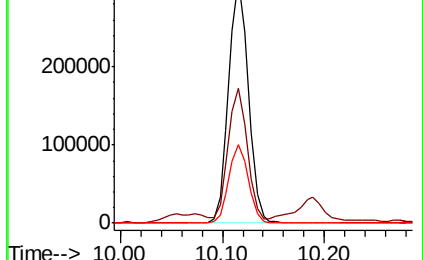
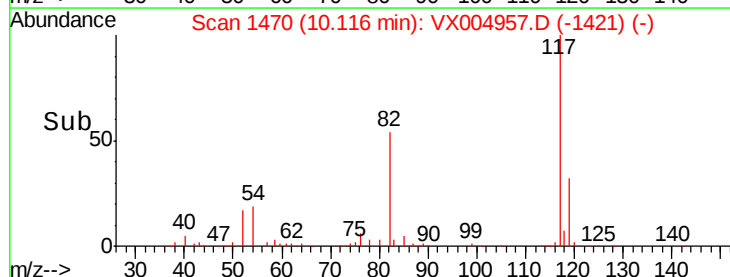


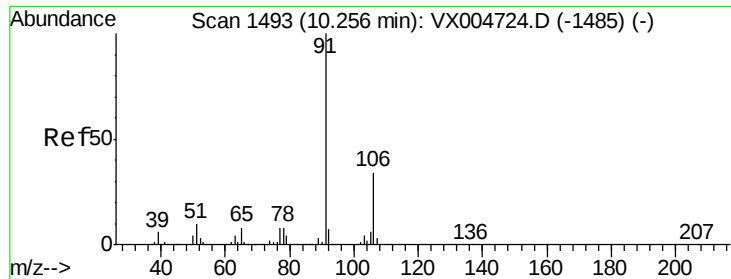
Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

Time-->





#67

Ethyl Benzene

Concen: 412.317 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

B-7(8-8.5)

Tot Ion: 91 Resp: 6938757

Ion Ratio Lower Upper

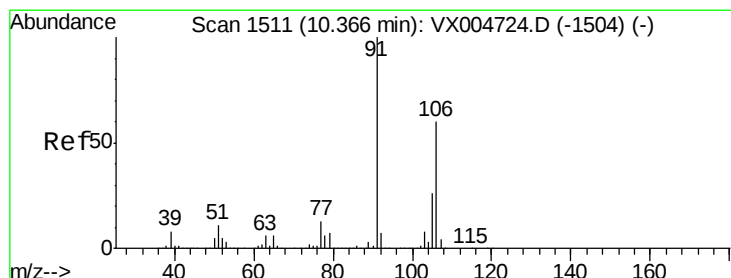
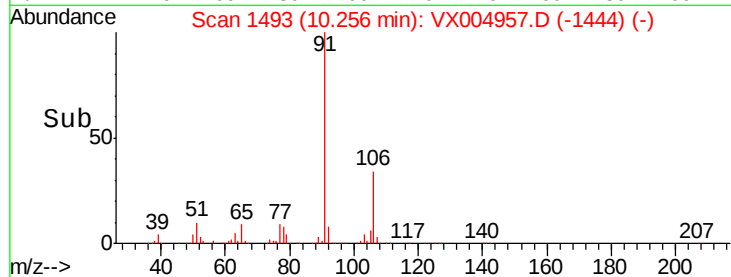
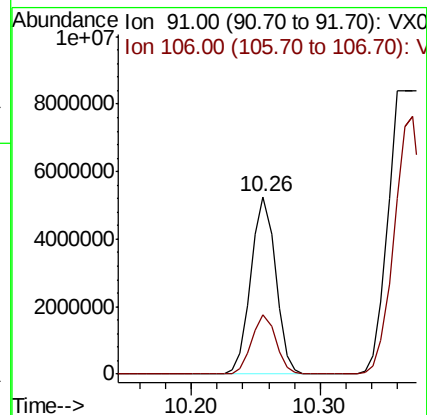
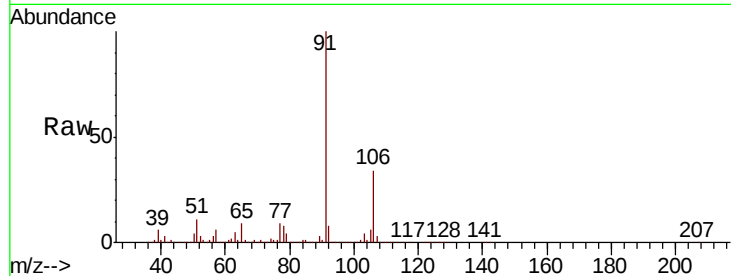
91 100

106 33.7 26.9 40.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 1770.536 ug/l

RT: 10.37 min Scan# 1512

Delta R.T. 0.01 min

Lab File: VX004957.D

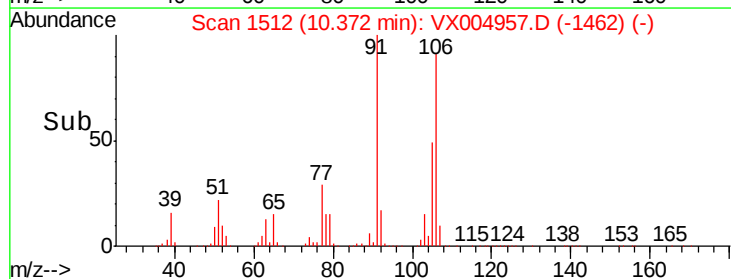
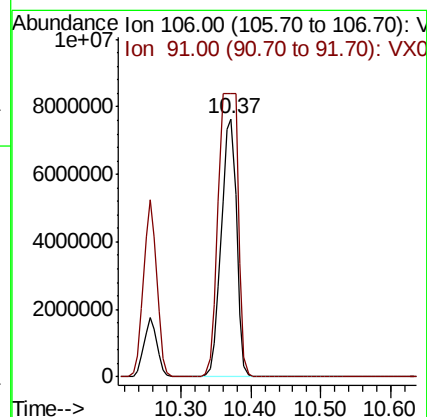
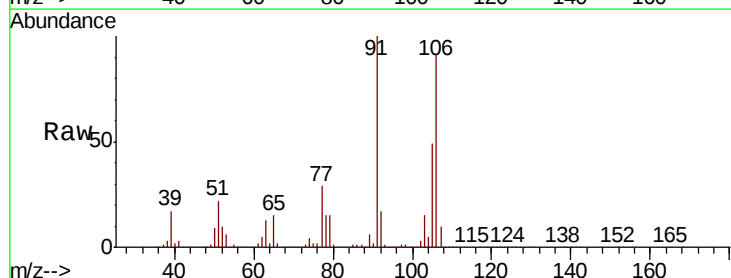
Acq: 03 Oct 2018 09:46

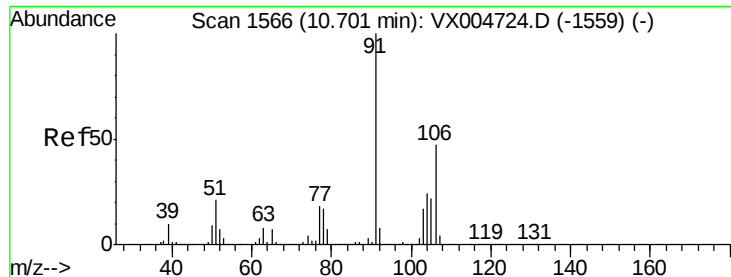
Tgt Ion: 106 Resp: 11643361

Ion Ratio Lower Upper

106 100

91 143.6 157.5 236.3#





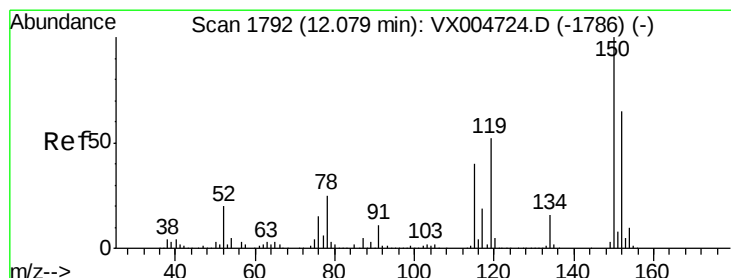
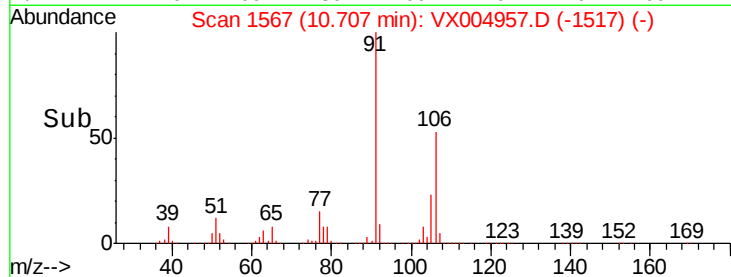
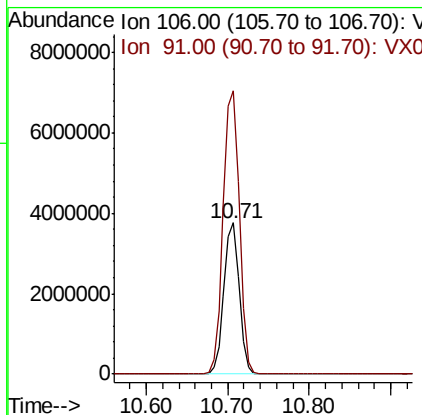
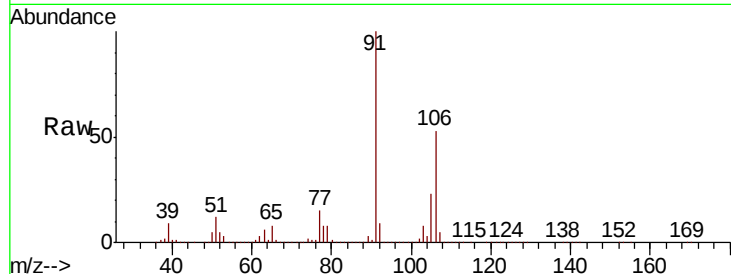
#69
o-Xylene
Concen: 813.904 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX004957.D
Acq: 03 Oct 2018 09:46

Instrument :
MSVOA_X
ClientSampled :
B-7(8-8.5)

Tot Ion:106 Resp: 4916132
Ion Ratio Lower Upper
106 100
91 198.5 108.3 324.8

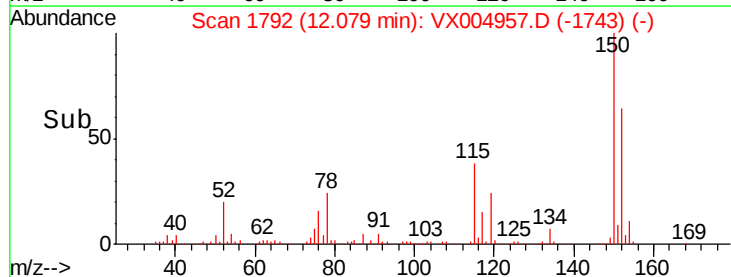
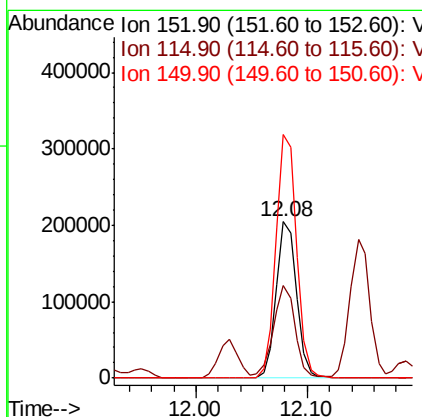
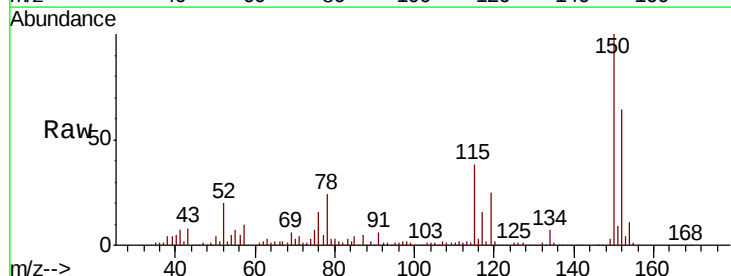
Manual Integrations
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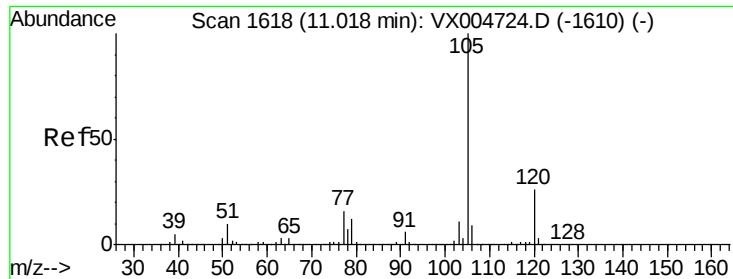
sam
10/3/2018 5:57:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004957.D
Acq: 03 Oct 2018 09:46

Tgt Ion:152 Resp: 259764
Ion Ratio Lower Upper
152 100
115 61.1 40.2 120.6
150 157.3 0.0 351.0





#73

Isopropylbenzene

Concen: 65.688 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

Instrument :

MSVOA_X

ClientSampled :

B-7(8-8.5)

Tot Ion:105 Resp: 1075535

Ion Ratio Lower Upper

105 100

120 26.4

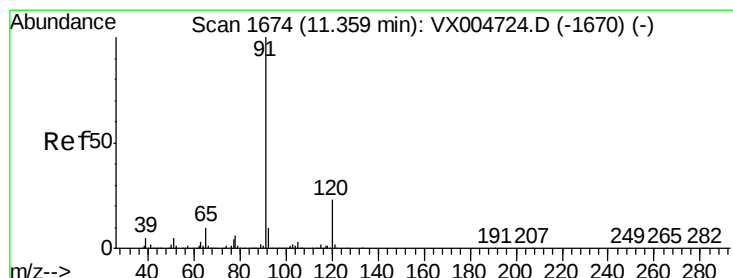
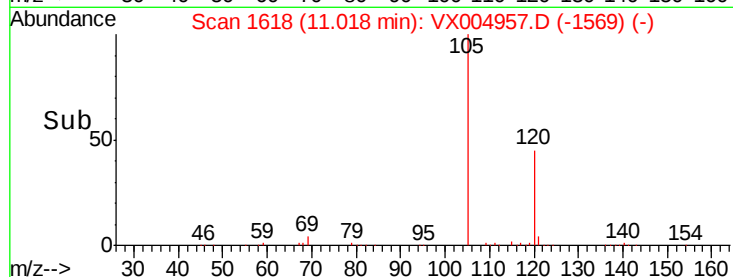
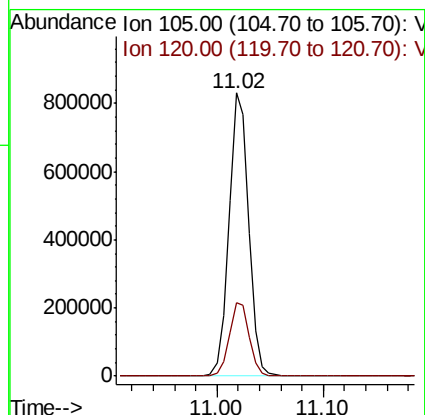
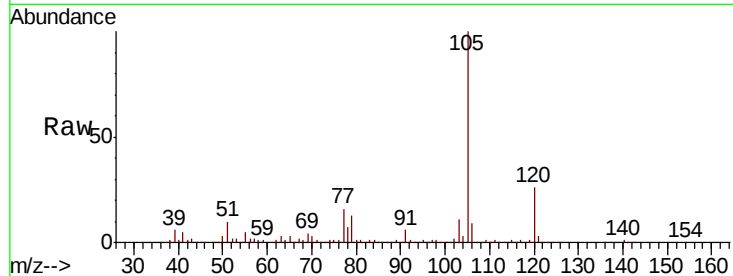
13.2

39.5

Manual Integrations
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sam

10/3/2018 5:57:00 PM



#78

n-propylbenzene

Concen: 237.883 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

Tgt Ion: 91 Resp: 4468962

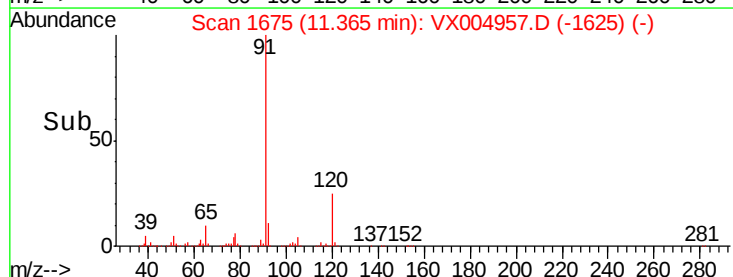
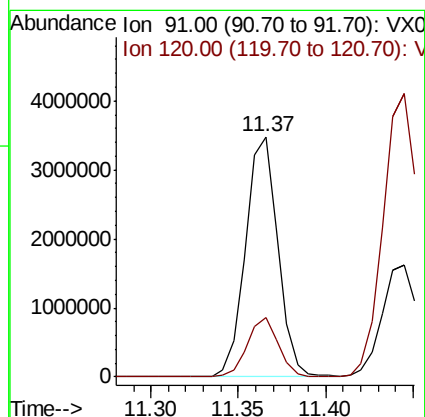
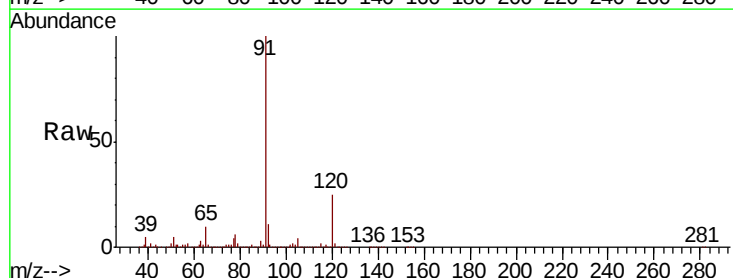
Ion Ratio Lower Upper

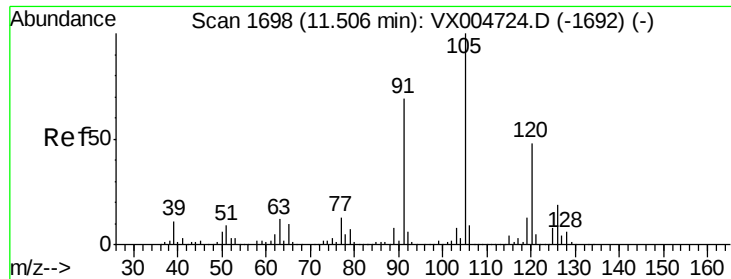
91 100

120 23.8

12.0

36.0





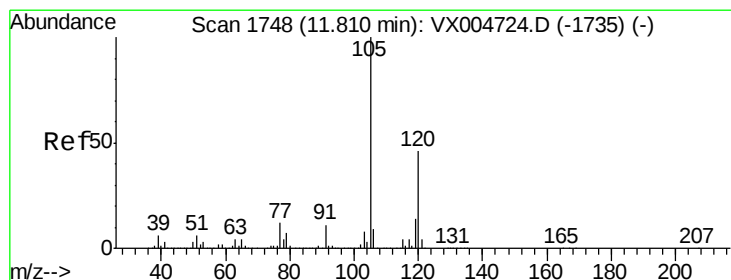
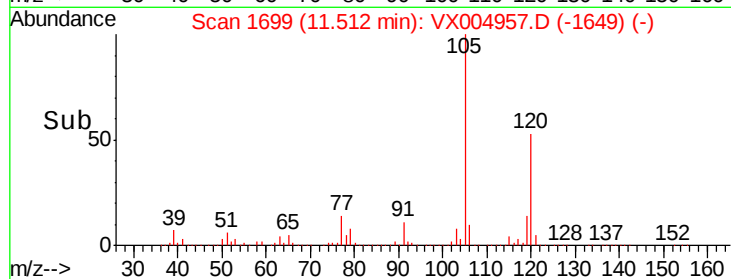
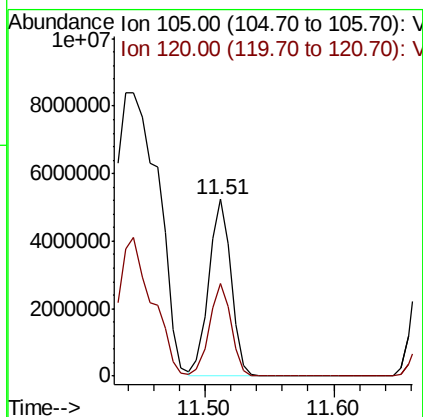
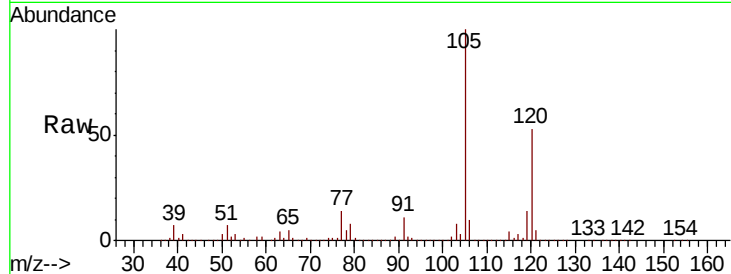
#80
 1,3,5-Trimethylbenzene
 Concen: 424.607 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004957.D
 Acq: 03 Oct 2018 09:46

Instrument :
 MSVOA_X
 ClientSampled :
 B-7(8-8.5)

Tot Ion:105 Resp: 6349732
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.3 72.8

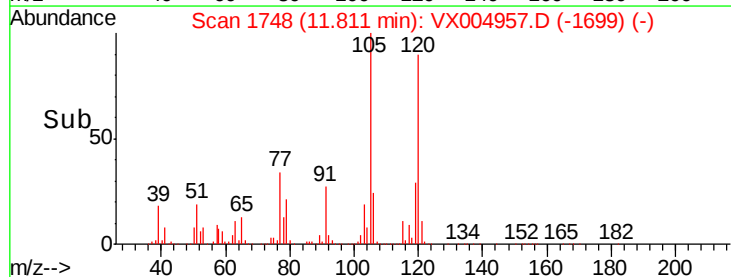
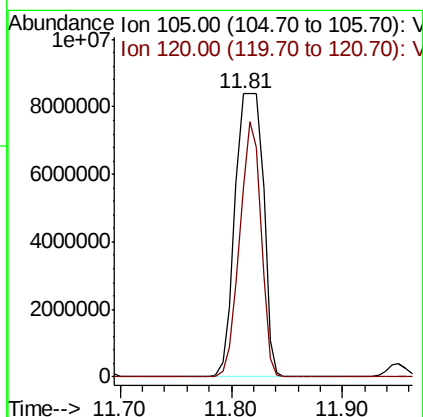
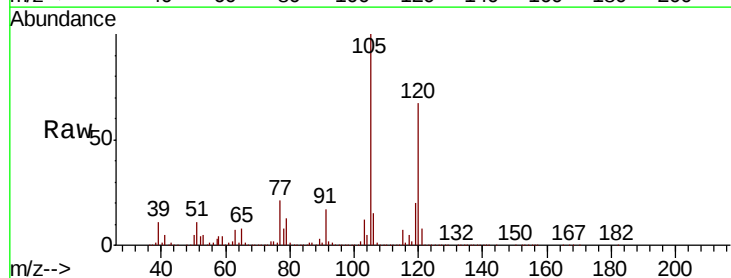
Manual Integrations
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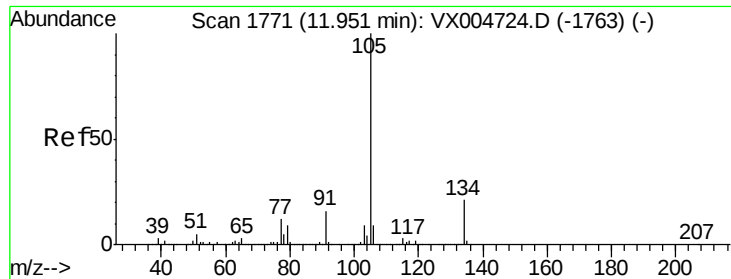
sam
 10/3/2018 5:57:00 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 956.559 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004957.D
 Acq: 03 Oct 2018 09:46

Tgt Ion:105 Resp:14748211
 Ion Ratio Lower Upper
 105 100
 120 68.0 22.8 68.3





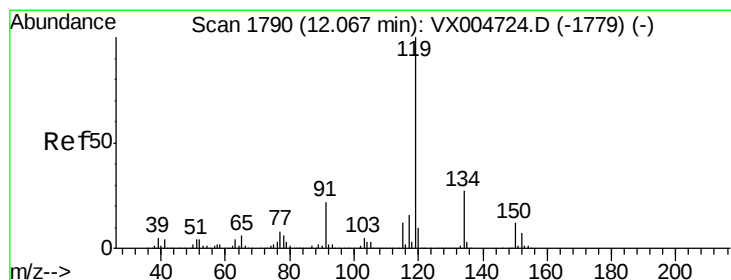
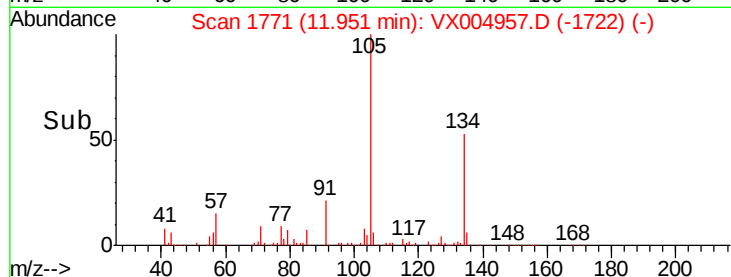
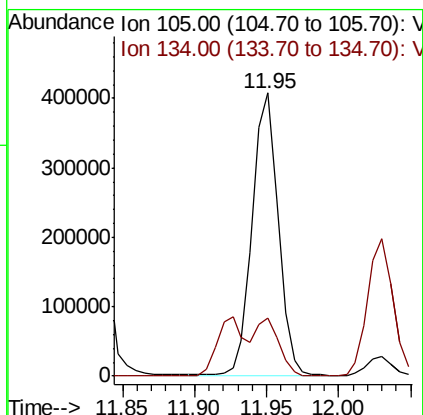
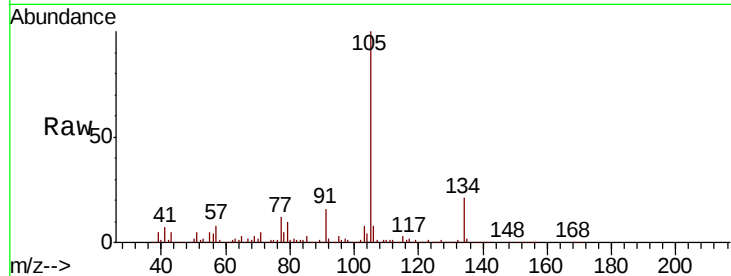
#85
 sec-Butylbenzene
 Concen: 30.894 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004957.D
 Acq: 03 Oct 2018 09:46

Instrument :
 MSVOA_X
 ClientSampled :
 B-7(8-8.5)

Tot Ion	Ratio	Lower	Upper
105	100		
134	17.7	10.2	30.4

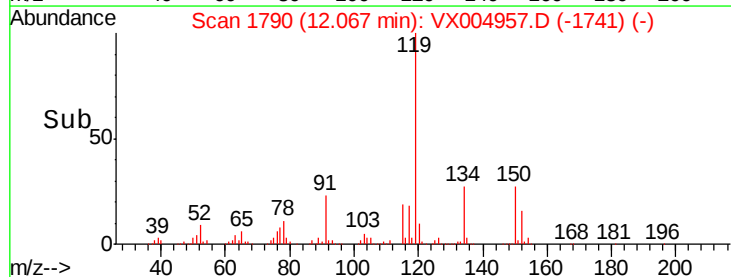
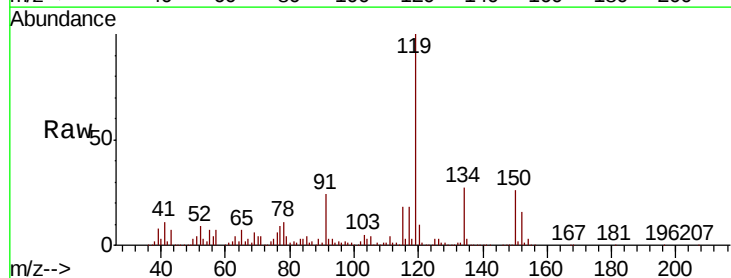
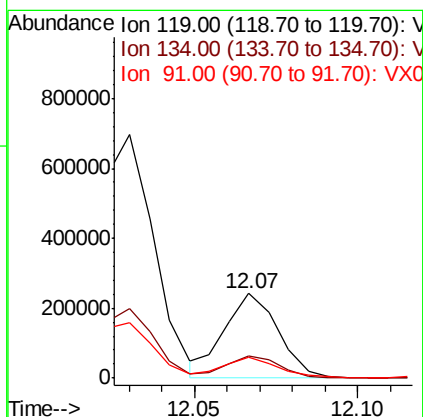
Manual Integrations
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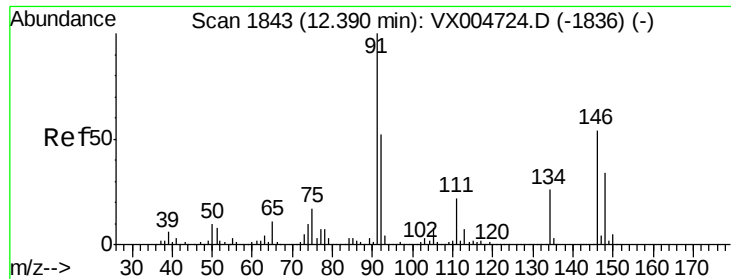
sam
 10/3/2018 5:57:00 PM



#86
 p-Isopropyltoluene
 Concen: 18.803 ug/l m
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004957.D
 Acq: 03 Oct 2018 09:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	85.5	13.4	40.1#
91	70.3	11.5	34.4#





#89

n-Butylbenzene

Concen: 139.717 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

B-7(8-8.5)

Tot Ion: 91 Resp: 1887667

Ion Ratio Lower Upper

91 100

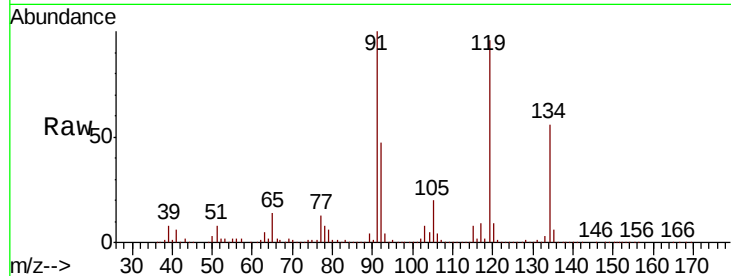
92 33.6 26.0 78.0

134 109.9 13.2 39.6#

Manual Integrations
APPROVED

sam

10/3/2018 5:57:00 PM

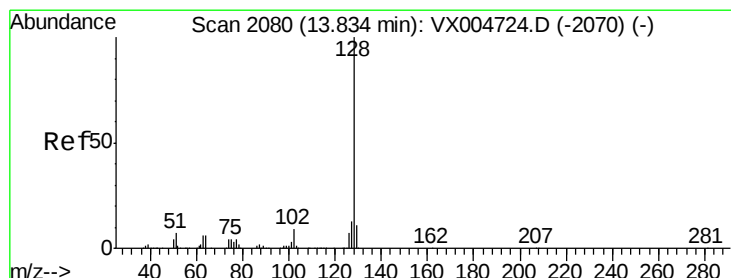
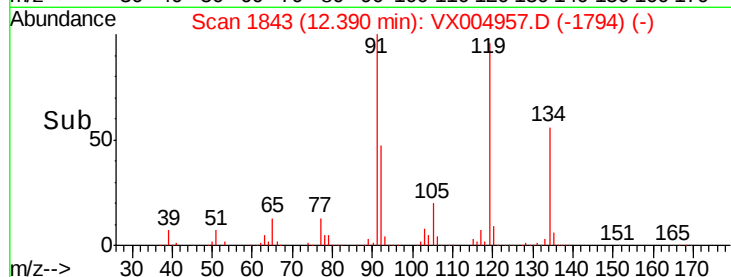
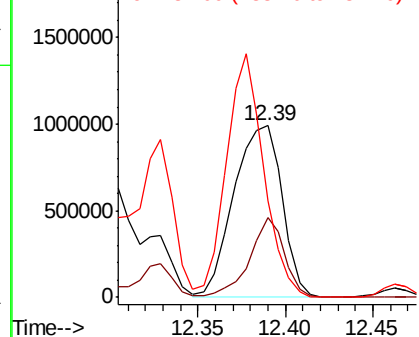


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 202.077 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004957.D

Acq: 03 Oct 2018 09:46

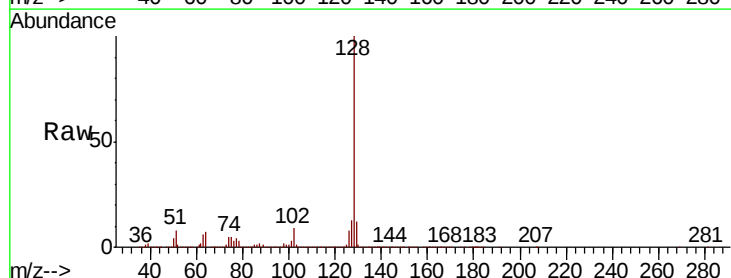
Tgt Ion:128 Resp: 4414295

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.6 8.7 13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

