

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004901.D
 Acq On : 02 Oct 2018 05:45
 Operator : JC/MD
 Sample : J5155-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

Manual Integrations
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MMDadoda
 10/4/2018 7:07:55 PM

Quant Time: Oct 03 13:14:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167878	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
35) Dibromofluoromethane	5.50	113	143465	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	8.71	98	525970	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.14	95	204683	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	3565	0.913	ug/l #	84
39) Methylcyclohexane	7.46	83	5103	1.215	ug/l #	93
40) Benzene	6.15	78	93773	7.281	ug/l	97
52) Toluene	8.79	92	20822	2.942	ug/l	95
67) Ethyl Benzene	10.26	91	665412	46.370	ug/l	98
68) m/p-Xylenes	10.36	106	164055	29.256	ug/l	94
69) o-Xylene	10.70	106	79201	15.377	ug/l	95
73) Isopropylbenzene	11.02	105	67796	4.929	ug/l	99
78) n-propylbenzene	11.36	91	26131	1.656	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	122695	9.573	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	322900	24.737	ug/l	98
86) p-Isopropyltoluene	12.07	119	6744	0.540	ug/l #	74
89) n-Butylbenzene	12.37	91	5692m	0.502	ug/l	
95) Naphthalene	13.83	128	12913188	701.895	ug/l #	90

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

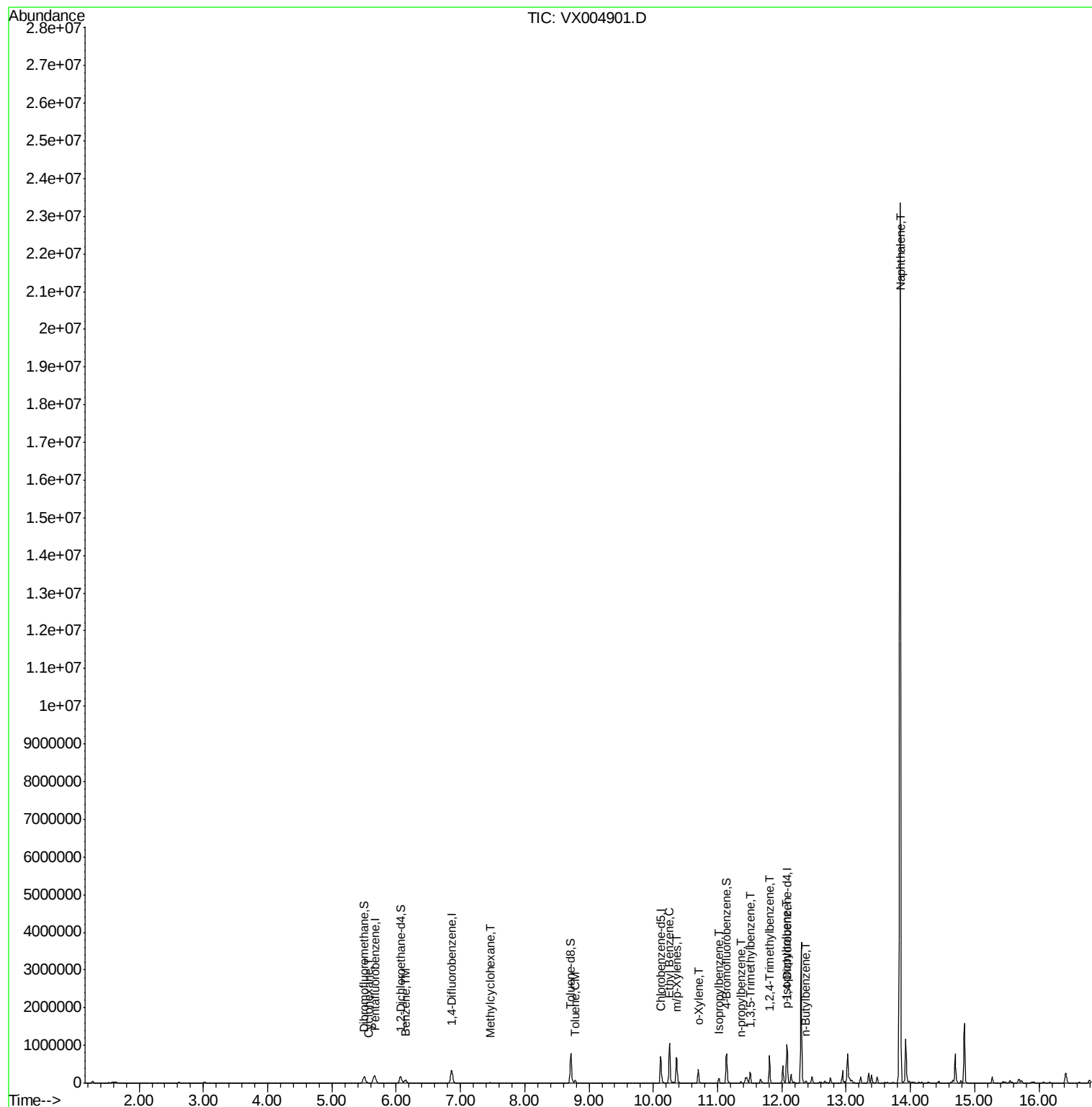
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004901.D
Acq On : 02 Oct 2018 05:45
Operator : JC/MD
Sample : J5155-02 10X
Misc : 5.0mL/MSVOA X/WATER
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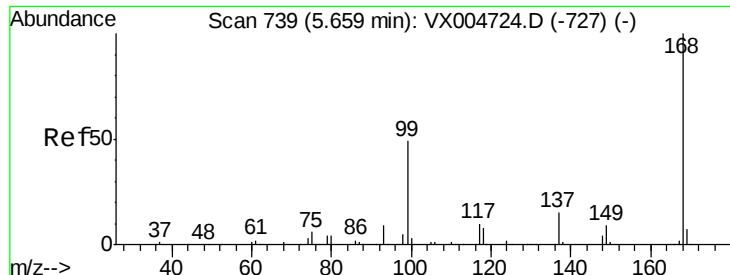
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Manual Integrations
APPROVED

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10/4/2018 7:07:55 PM

Quant Time: Oct 03 13:14:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:168 Resp: 214926

Ion Ratio Lower Upper

168 100

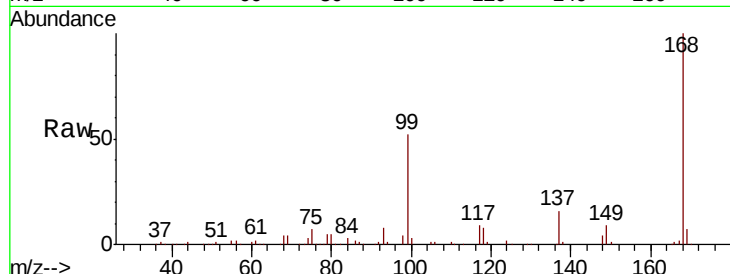
99 51.8 39.9 59.9

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

5.66

80000

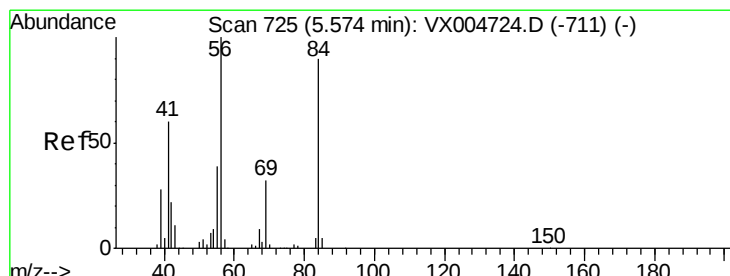
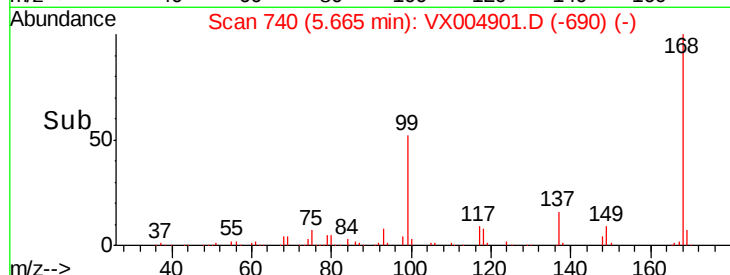
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 0.913 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

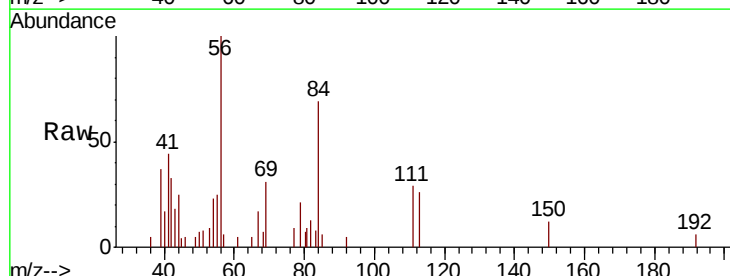
Tgt Ion: 56 Resp: 3565

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.2

84 69.4 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

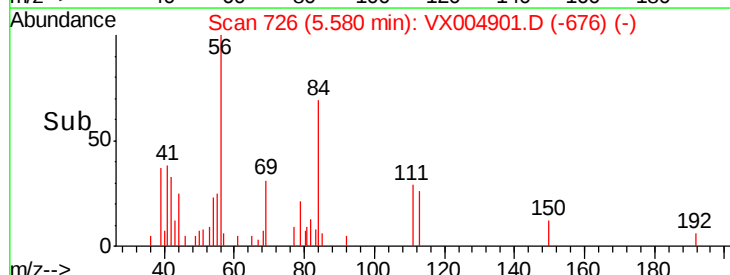
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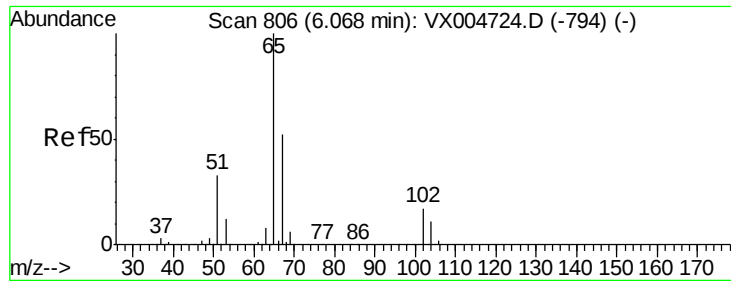
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.679 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion: 65 Resp: 167878

Ion Ratio Lower Upper

65 100

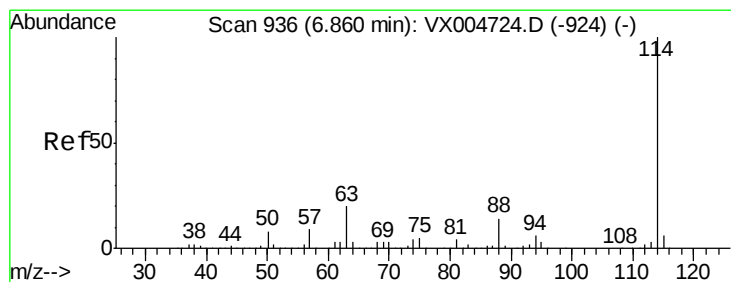
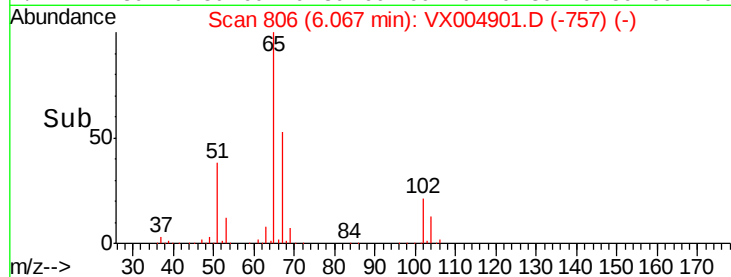
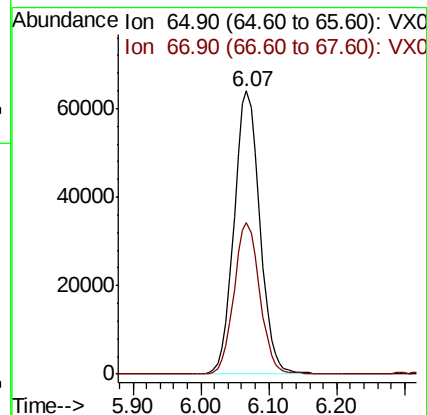
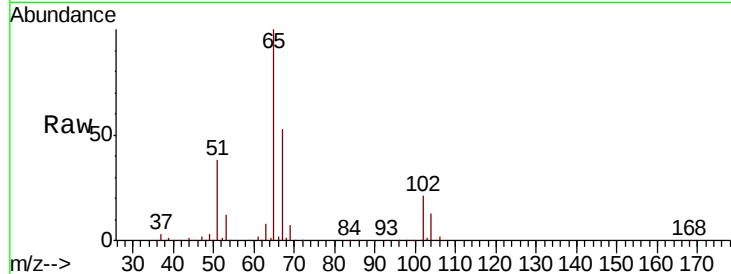
67 53.6 0.0 106.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

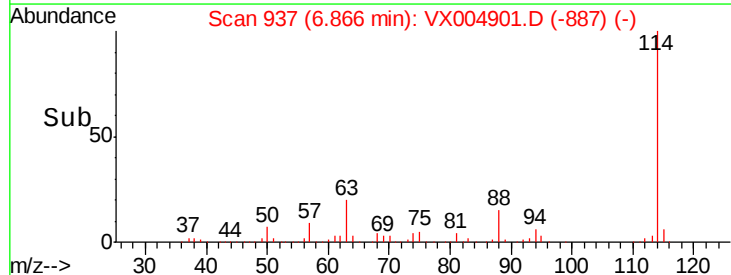
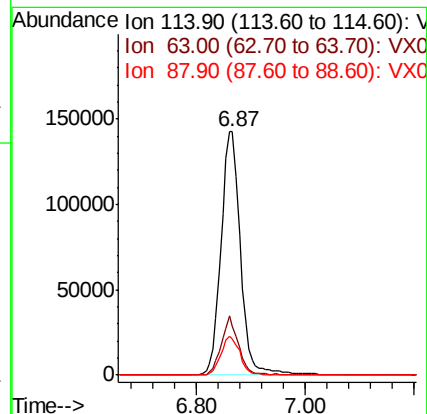
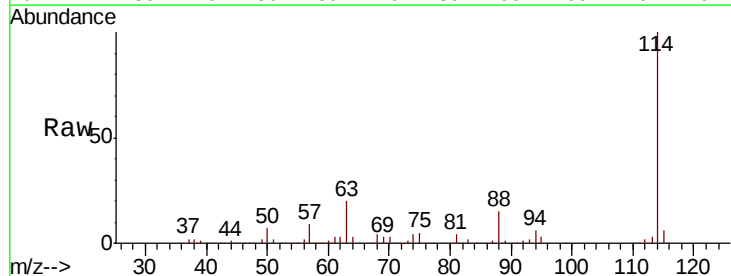
Tgt Ion: 114 Resp: 355751

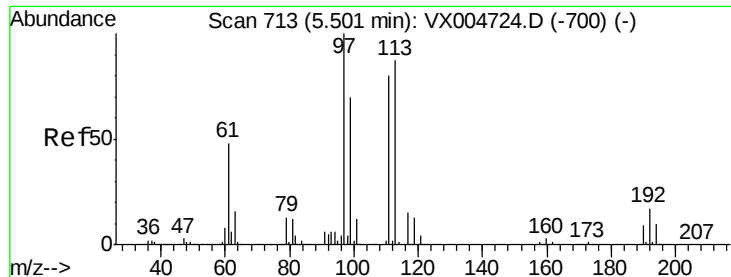
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

88 15.0 0.0 30.4





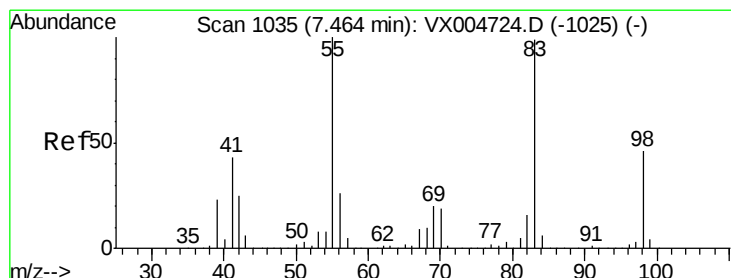
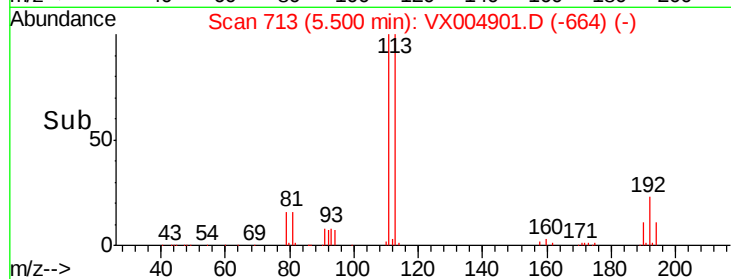
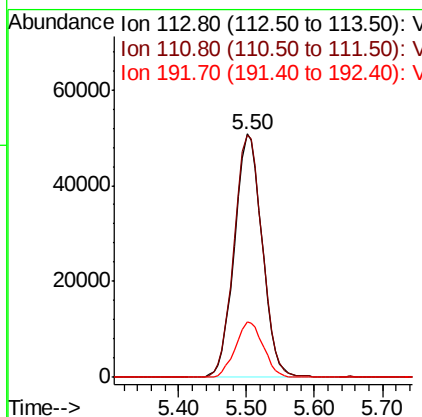
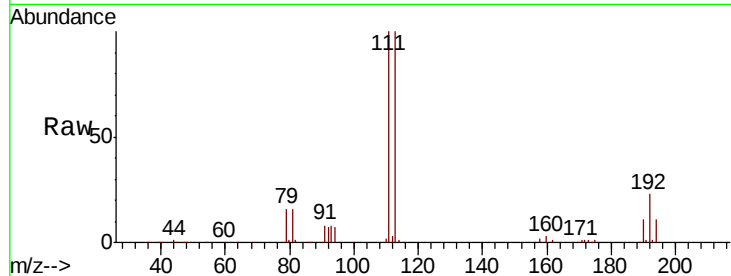
#35
Dibromofluoromethane
Concen: 47.583 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	22.9	19.4	29.2

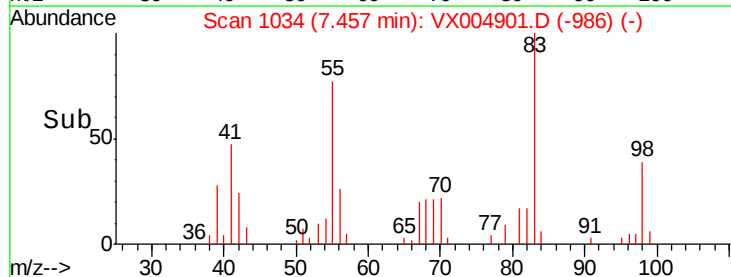
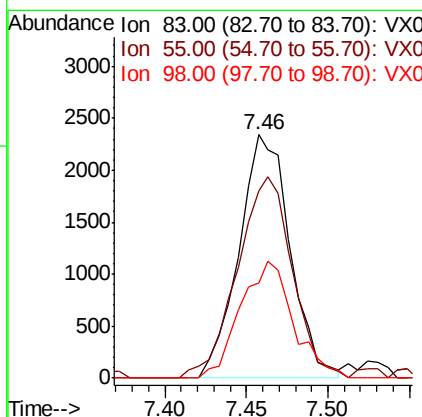
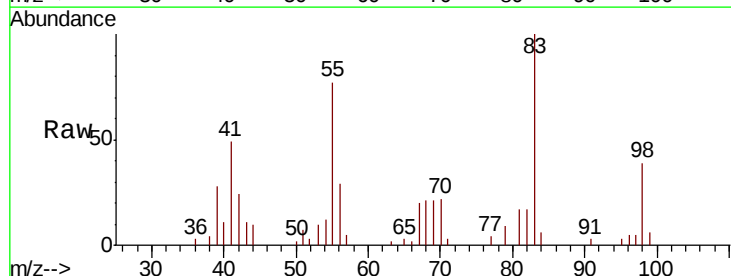
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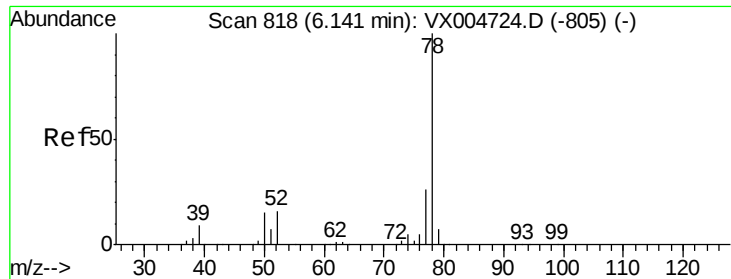
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#39
Methylcyclohexane
Concen: 1.215 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.2	61.0	91.4
98	39.0	39.6	59.4#





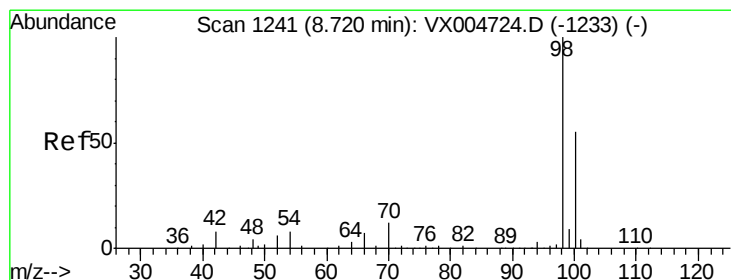
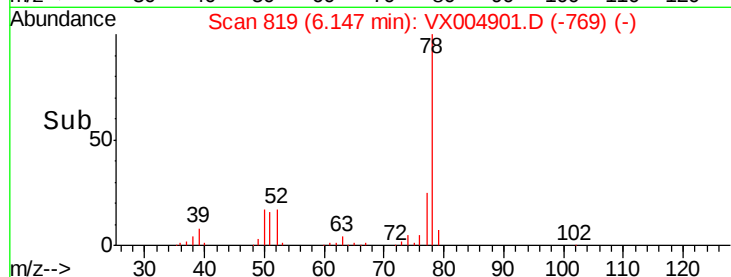
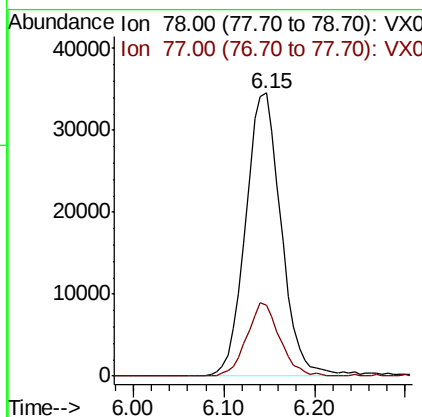
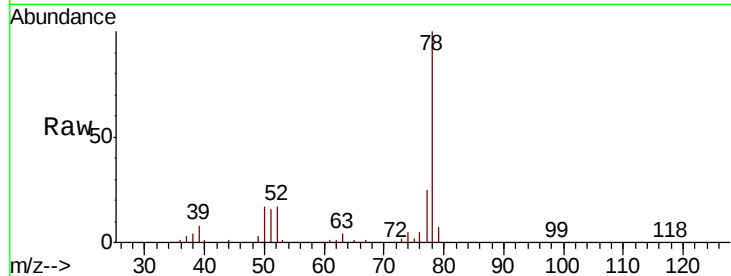
#40
Benzene
Concen: 7.281 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion: 78 Resp: 93773
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.4

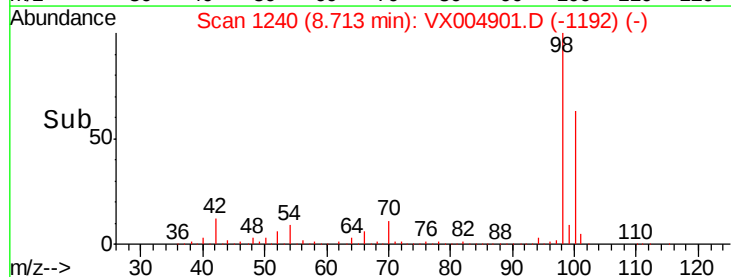
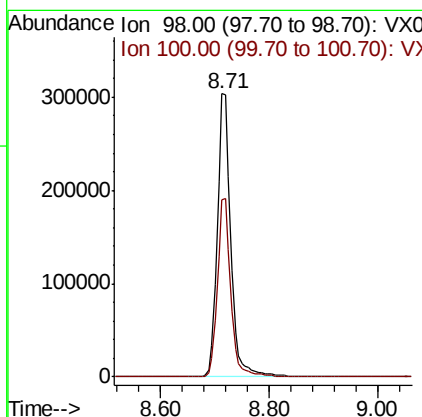
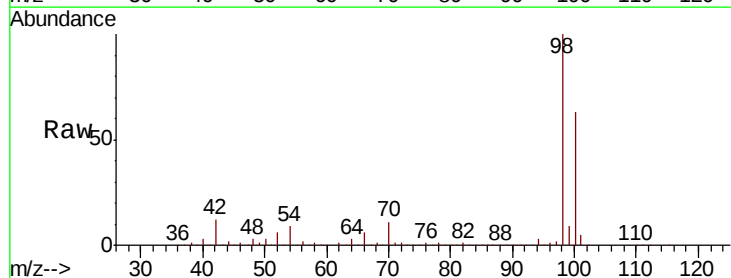
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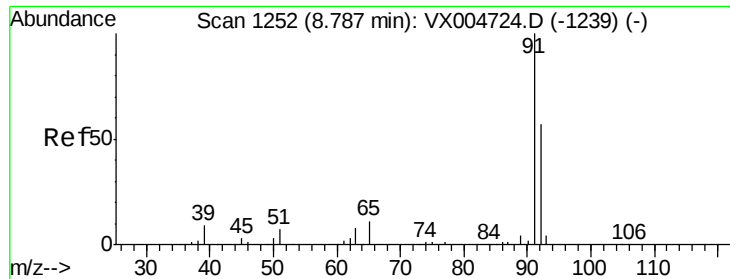
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#50
Toluene-d8
Concen: 52.474 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion: 98 Resp: 525970
Ion Ratio Lower Upper
98 100
100 62.5 52.9 79.3





#52

Toluene

Concen: 2.942 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion: 92 Resp: 20822

Ion Ratio Lower Upper

92 100

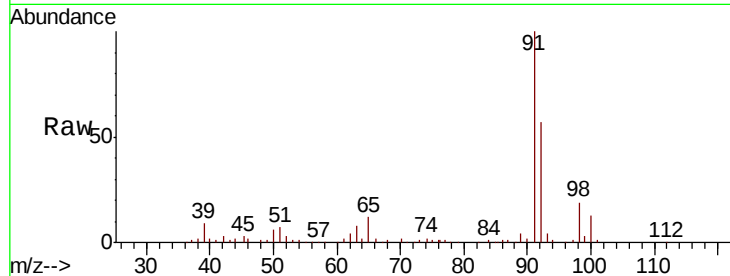
91 176.9 136.4 204.6

Manual Integrations

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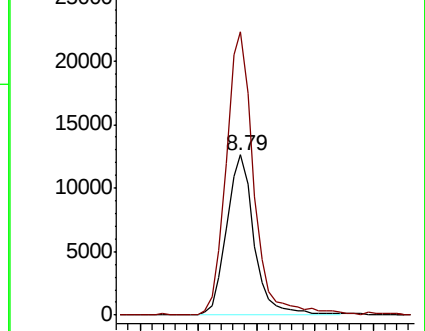
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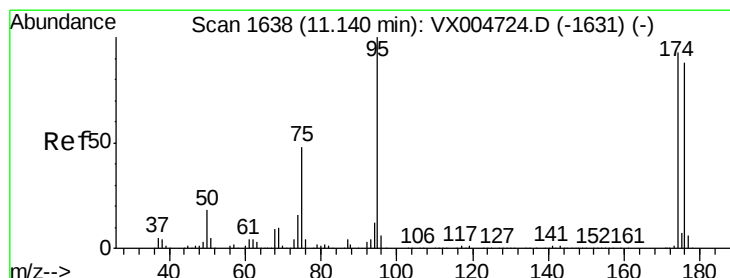
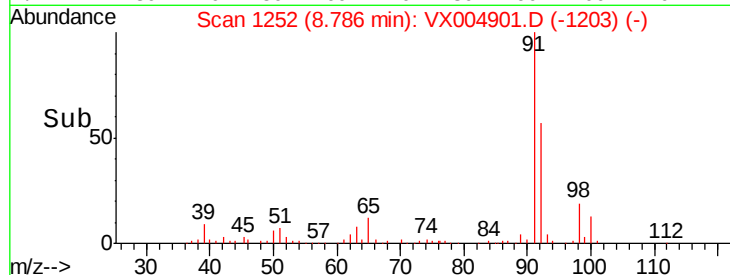


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 56.683 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

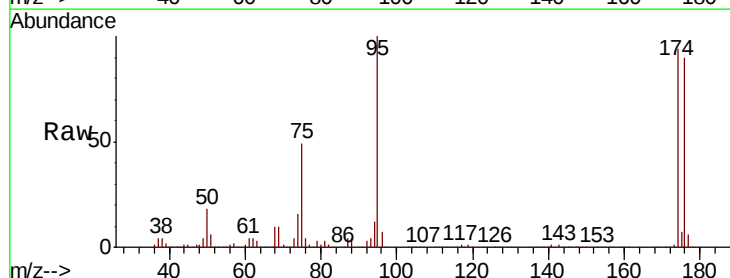
Tgt Ion: 95 Resp: 204683

Ion Ratio Lower Upper

95 100

174 90.9 0.0 185.2

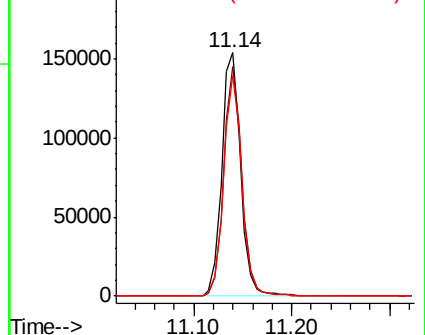
176 87.8 0.0 178.6



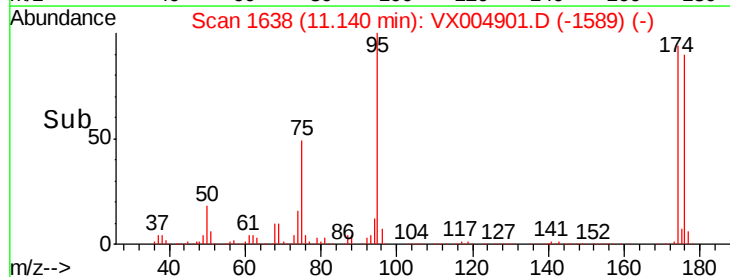
Abundance Ion 94.90 (94.60 to 95.60): VX0

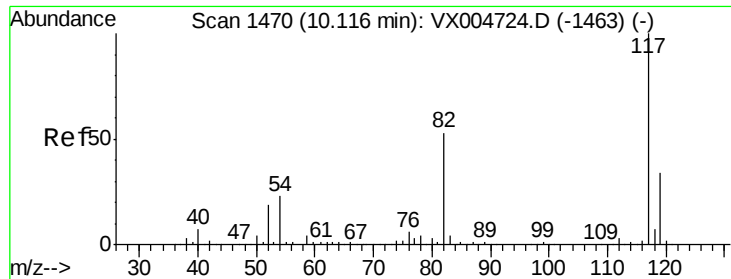
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





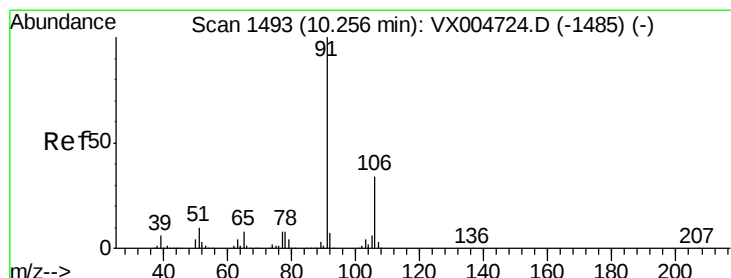
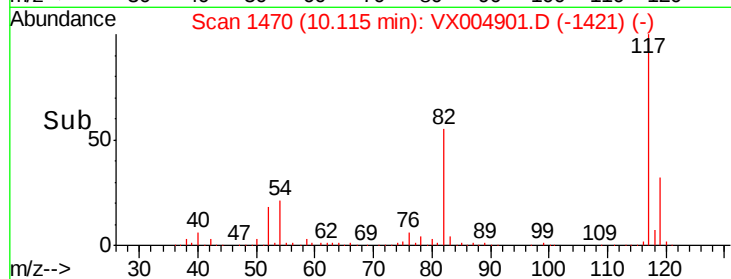
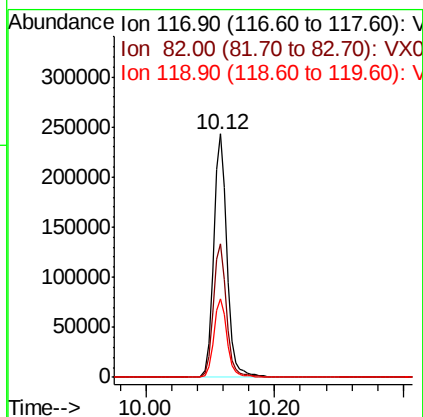
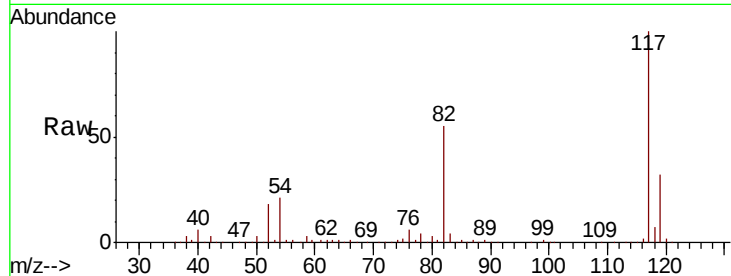
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.6
119	32.3	29.3	43.9

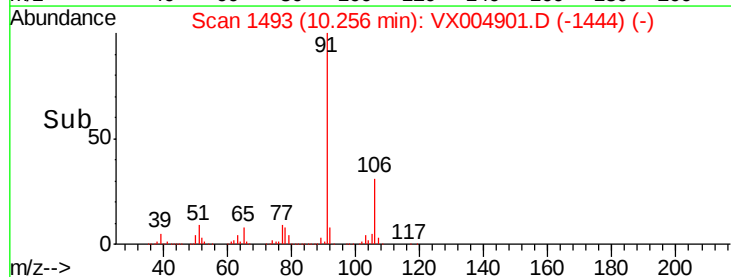
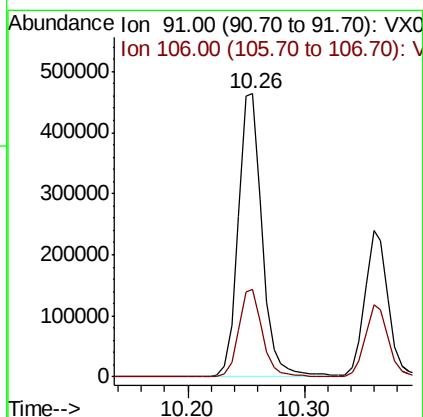
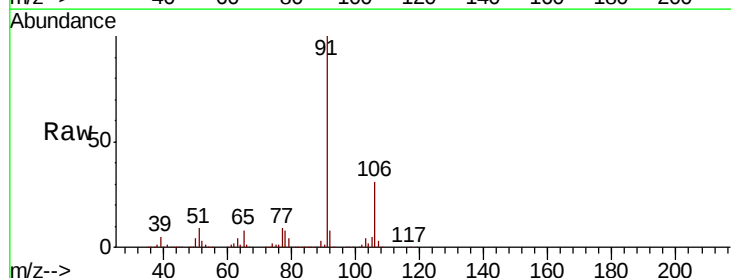
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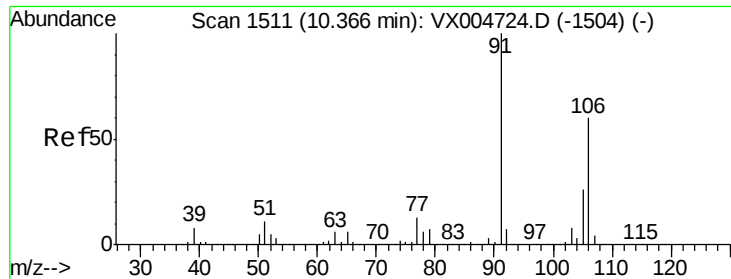
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#67
Ethyl Benzene
Concen: 46.370 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.9	38.9





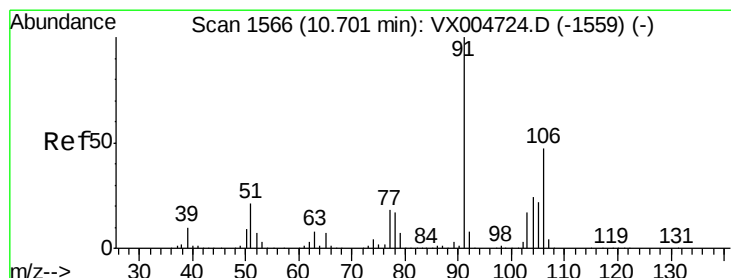
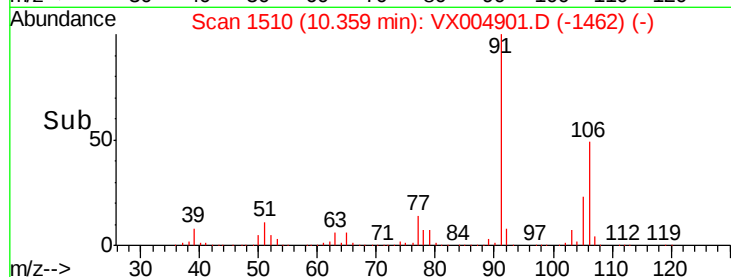
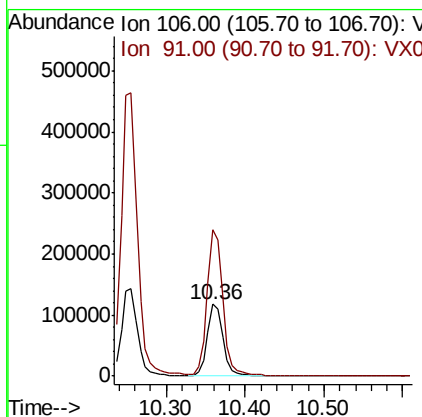
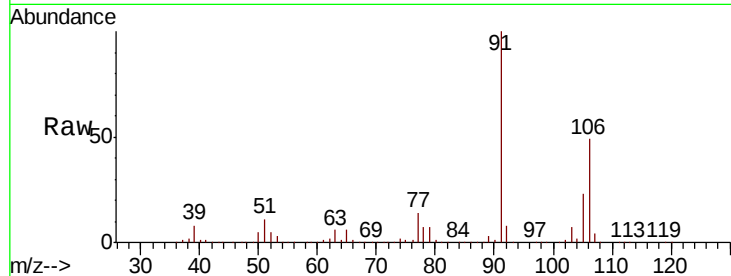
#68
m/p-Xvlenes
Concen: 29.256 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:106 Resp: 164055
Ion Ratio Lower Upper
106 100
91 204.9 157.1 235.7

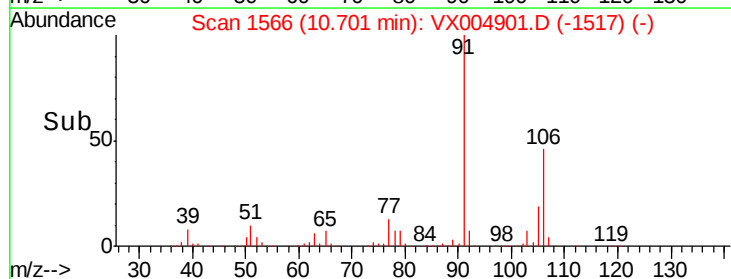
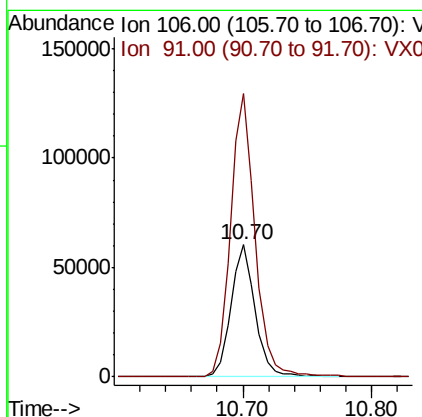
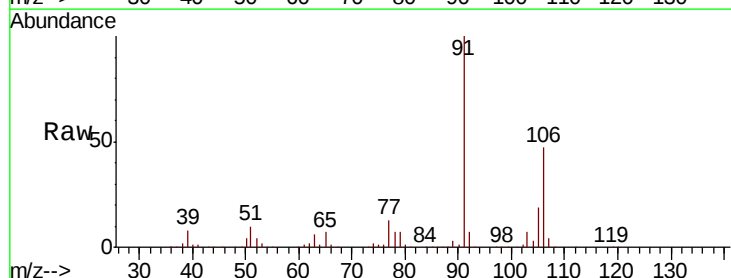
Manual Integrations
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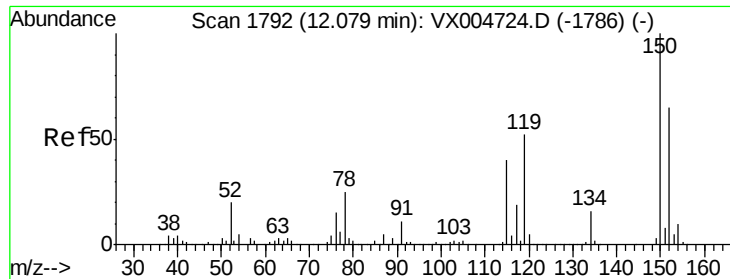
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#69
o-Xylene
Concen: 15.377 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion:106 Resp: 79201
Ion Ratio Lower Upper
106 100
91 217.5 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:152 Resp: 218219

Ion Ratio Lower Upper

152 100

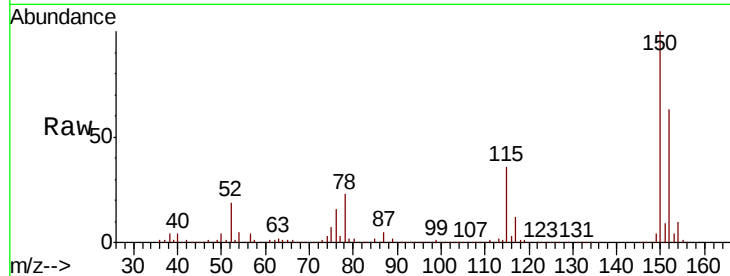
115 56.0 39.0 117.0

150 156.9 0.0 351.0

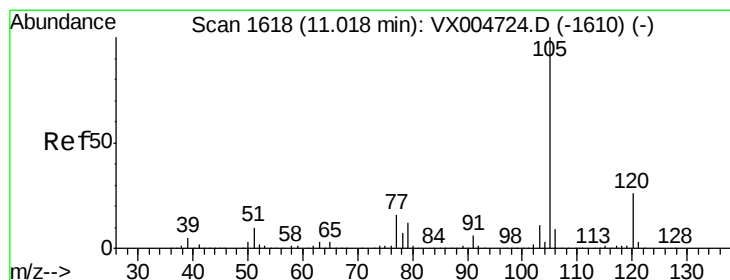
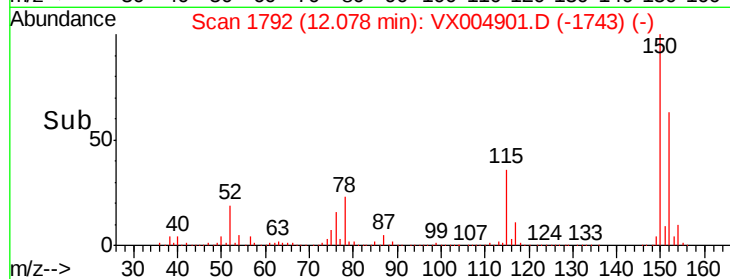
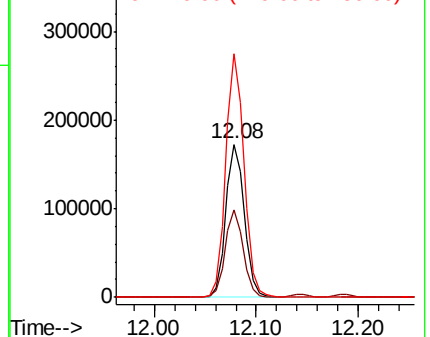
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.929 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004901.D

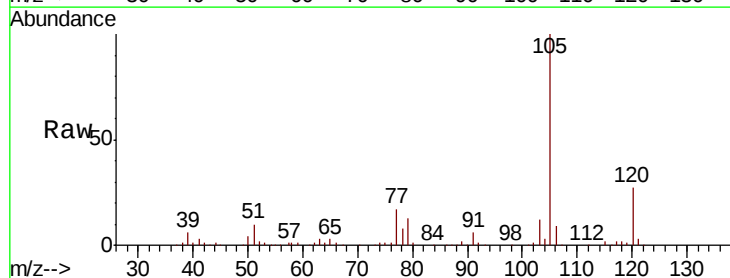
Acq: 02 Oct 2018 05:45

Tgt Ion:105 Resp: 67796

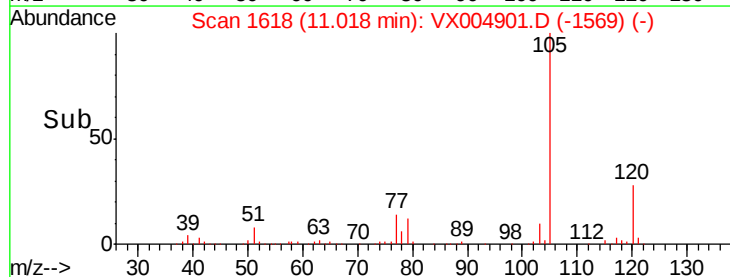
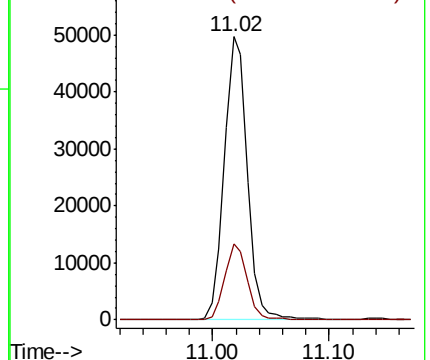
Ion Ratio Lower Upper

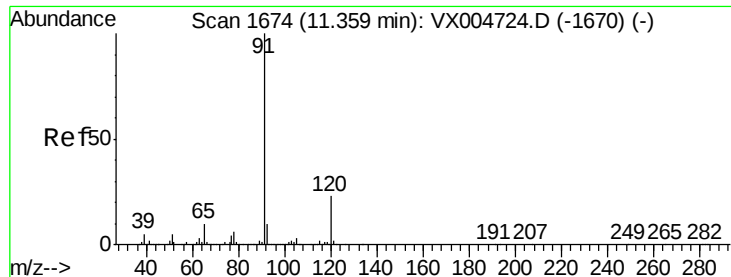
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.656 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004901.D

Acq: 02 Oct 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion: 91 Resp: 26131

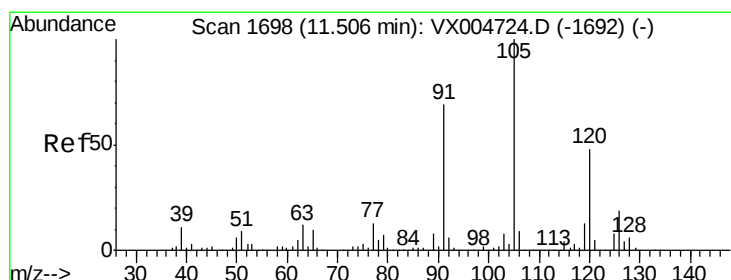
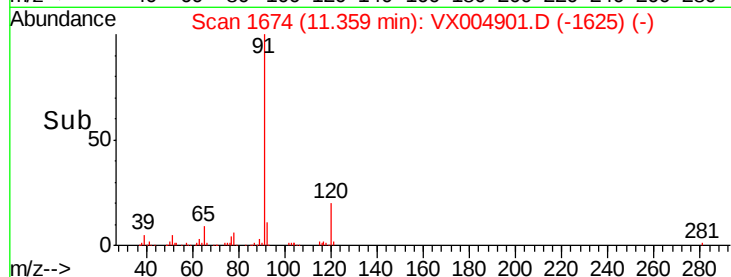
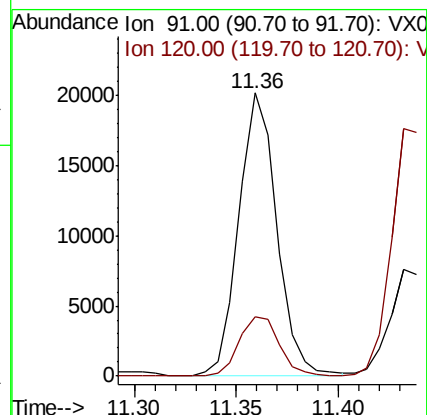
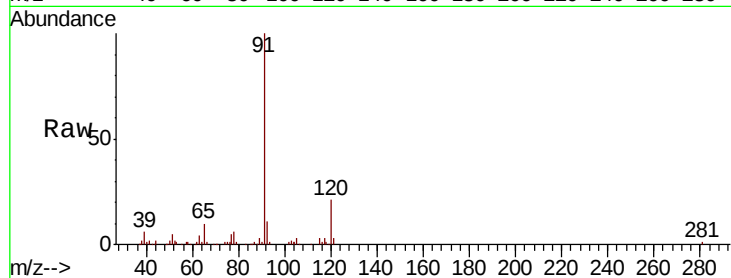
Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.9

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#80

1,3,5-Trimethylbenzene

Concen: 9.573 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004901.D

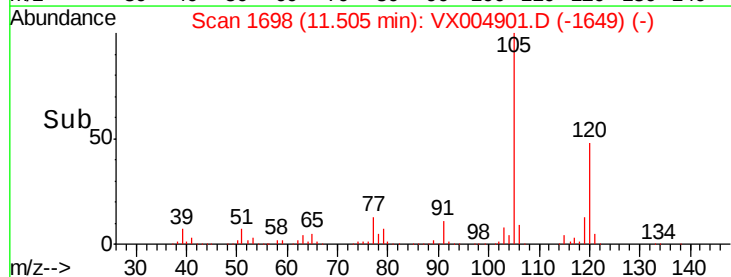
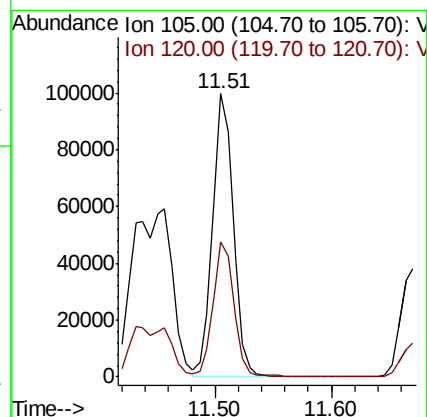
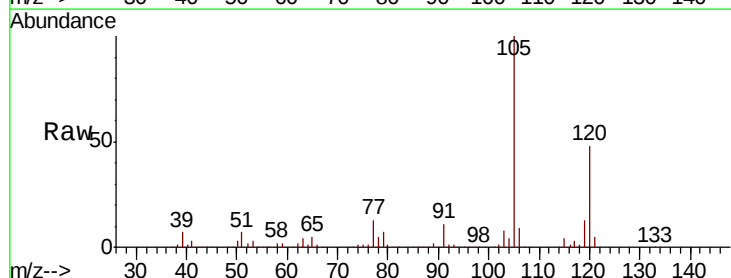
Acq: 02 Oct 2018 05:45

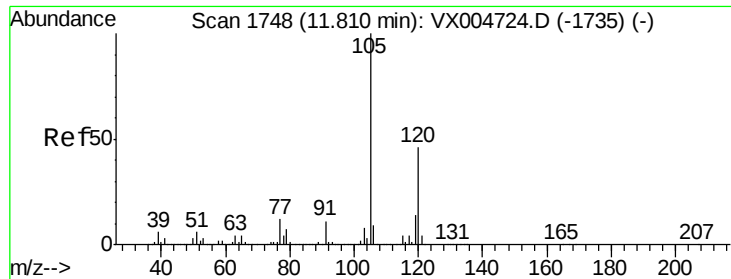
Tgt Ion: 105 Resp: 122695

Ion Ratio Lower Upper

105 100

120 47.9 25.6 76.8





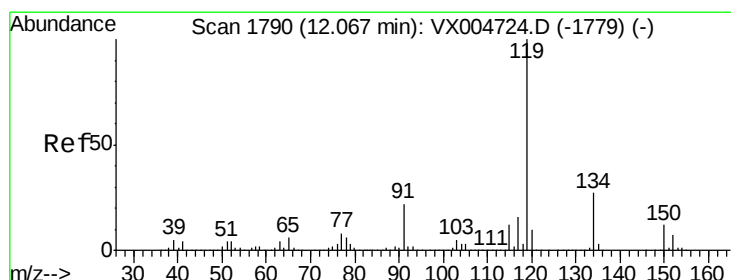
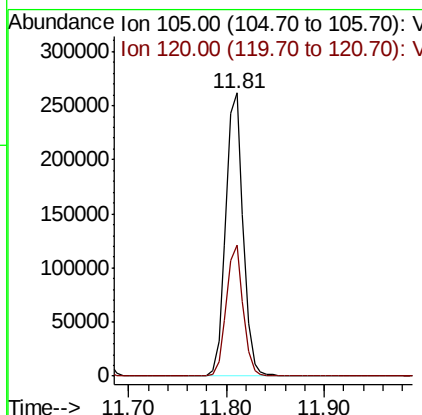
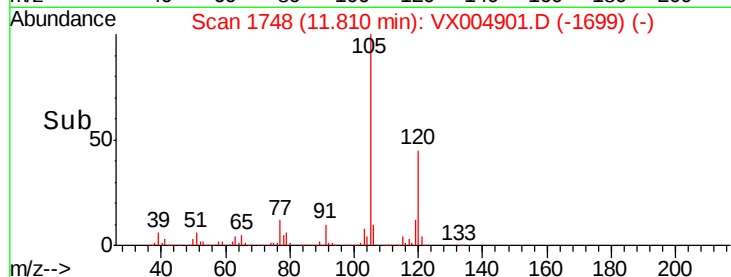
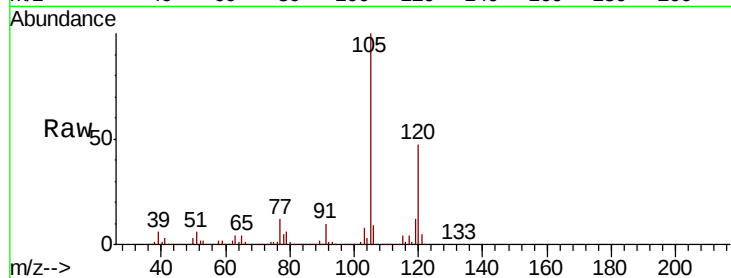
#84
1,2,4-Trimethylbenzene
Concen: 24.737 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:105 Resp: 322900
Ion Ratio Lower Upper
105 100
120 45.0 23.2 69.6

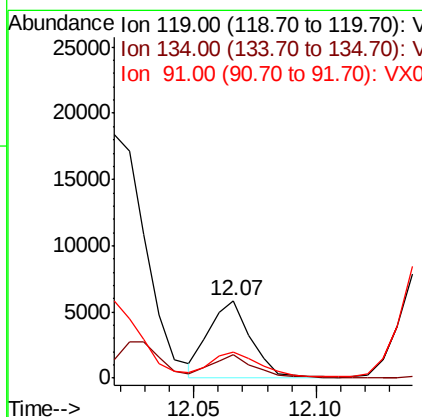
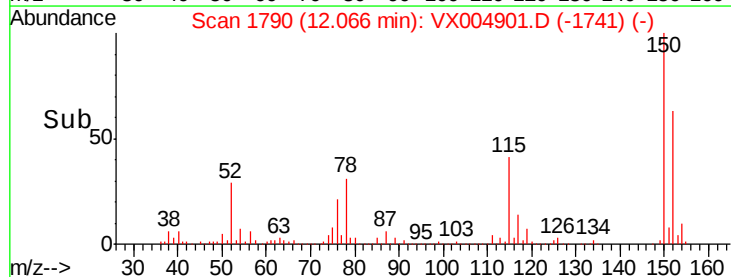
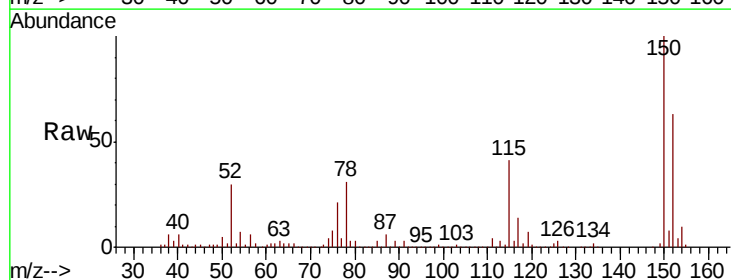
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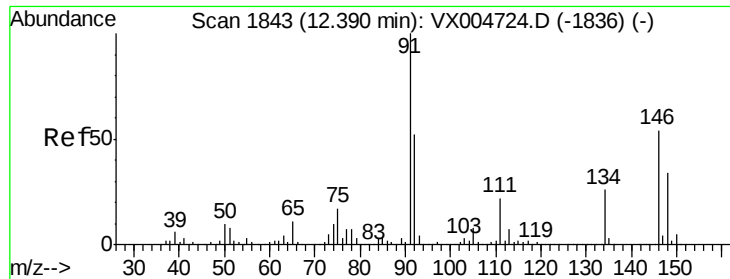
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#86
p-Isopropyltoluene
Concen: 0.540 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion:119 Resp: 6744
Ion Ratio Lower Upper
119 100
134 31.7 13.4 40.2
91 0.0 10.9 32.7#





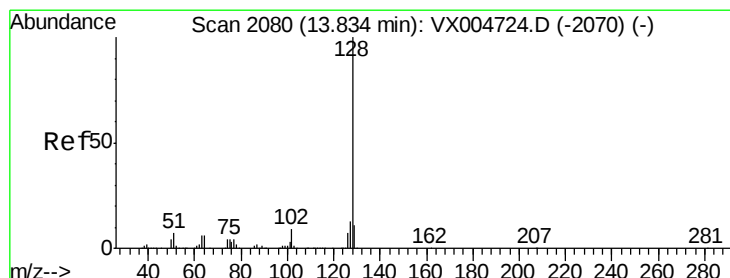
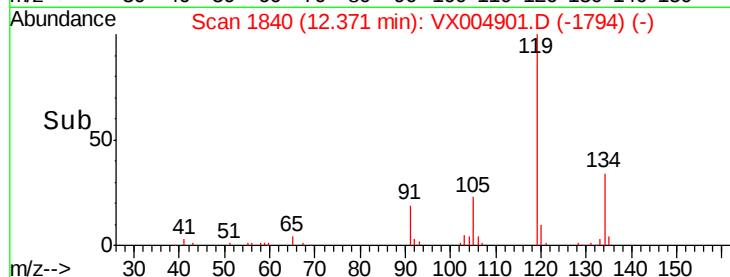
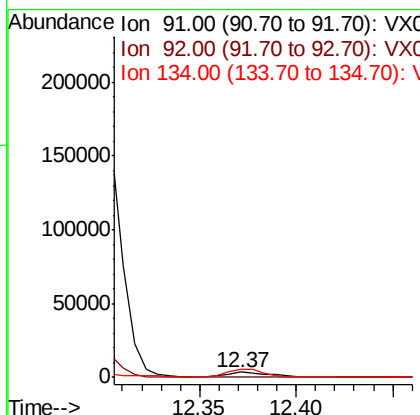
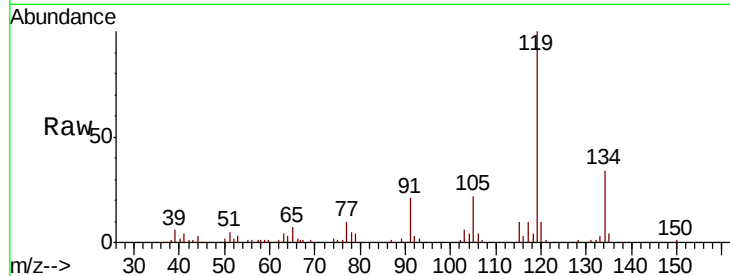
#89
n-Butylbenzene
Concen: 0.502 ug/l m
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
91	100		
92	403.8	27.3	81.9#
134	64.1	13.6	40.7#

Manual Integrations
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#95
Naphthalene
Concen: 701.895 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004901.D
Acq: 02 Oct 2018 05:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.2	15.2#
129	14.3	8.6	12.8#

