

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006070.D
 Acq On : 17 Nov 2018 15:59
 Operator : JC/MD
 Sample : J5968-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418DL

Manual Integrations
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 11/19/2018 9:24:55 AM

Quant Time: Nov 19 00:55:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	118323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74478	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	5.51	113	57666	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
50) Toluene-d8	8.71	98	199035	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
62) 4-Bromofluorobenzene	11.14	95	73683	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	1568	2.14	ug/l	96
31) Cyclohexane	5.58	56	3706	1.96	ug/l #	93
39) Methylcyclohexane	7.46	83	4184	2.17	ug/l #	79
52) Toluene	8.79	92	11629	3.75	ug/l	100
67) Ethyl Benzene	10.25	91	196057	40.67	ug/l	99
68) m/p-Xylenes	10.36	106	91686	49.86	ug/l	100
69) o-Xylene	10.70	106	33275	20.18	ug/l	99
73) Isopropylbenzene	11.02	105	31281	5.31	ug/l	100
78) n-propylbenzene	11.36	91	90982	13.12	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	53542	10.71	ug/l	100
83) tert-Butylbenzene	11.77	119	1263	0.25	ug/l	83
84) 1,2,4-Trimethylbenzene	11.81	105	296563	53.74	ug/l	97
85) sec-Butylbenzene	11.94	105	10700	1.73	ug/l	97
86) p-Isopropyltoluene	12.07	119	2392m	0.44	ug/l	
89) n-Butylbenzene	12.39	91	15371	3.03	ug/l #	43
95) Naphthalene	13.83	128	153662	21.67	ug/l	100

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

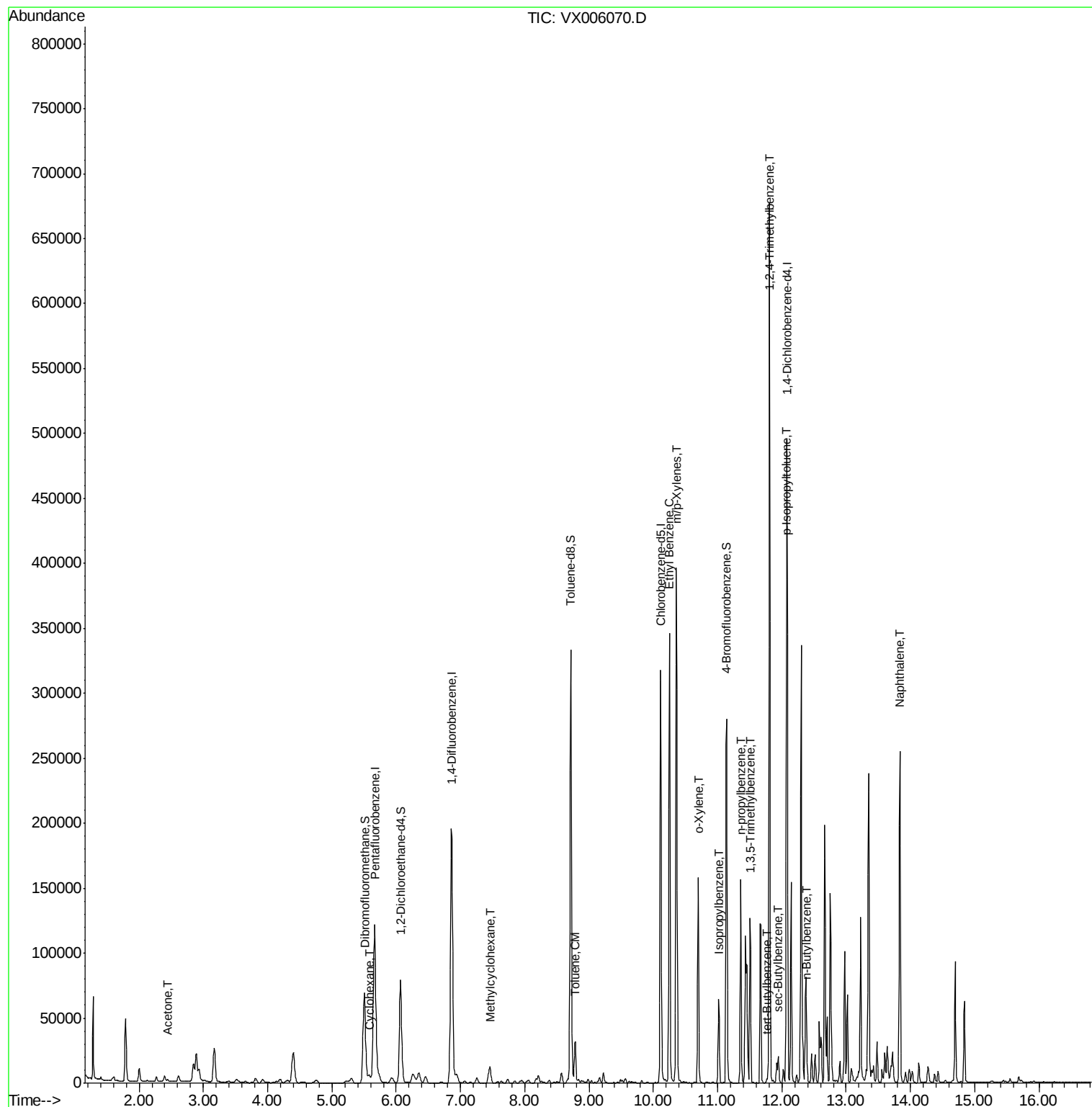
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
Data File : VX006070.D
Acq On : 17 Nov 2018 15:59
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

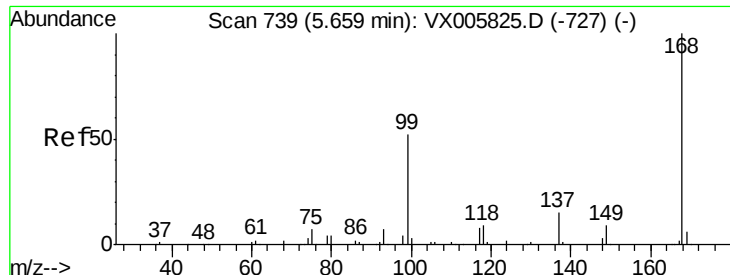
Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Manual Integrations
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Quant Time: Nov 19 00:55:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

Tgt Ion:168 Resp: 118323

Ion Ratio Lower Upper

168 100

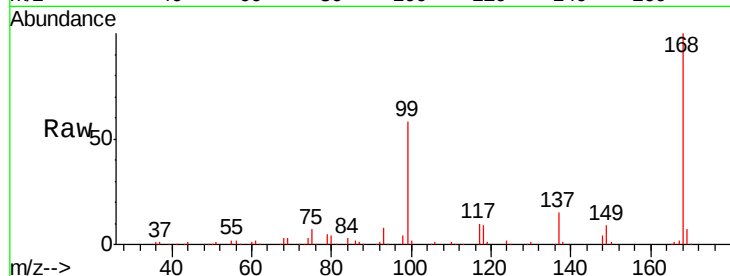
99 58.1 40.7 61.1

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

40000

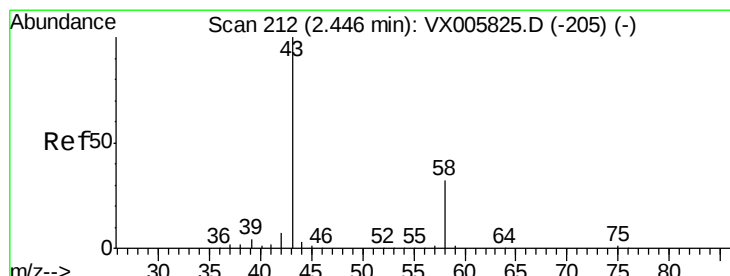
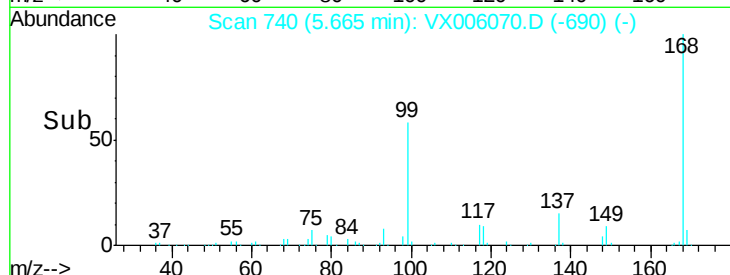
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 2.14 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006070.D

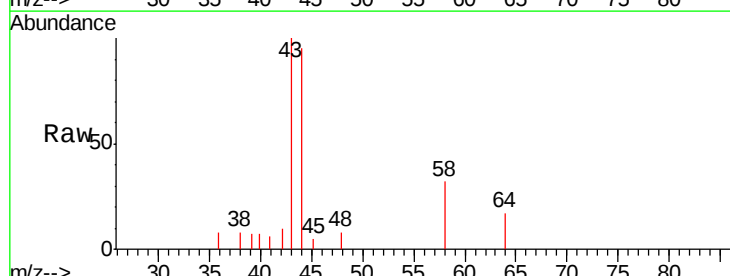
Acq: 17 Nov 2018 15:59

Tgt Ion: 43 Resp: 1568

Ion Ratio Lower Upper

43 100

58 32.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1000

800

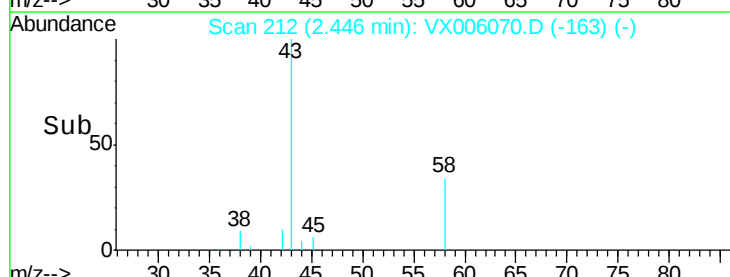
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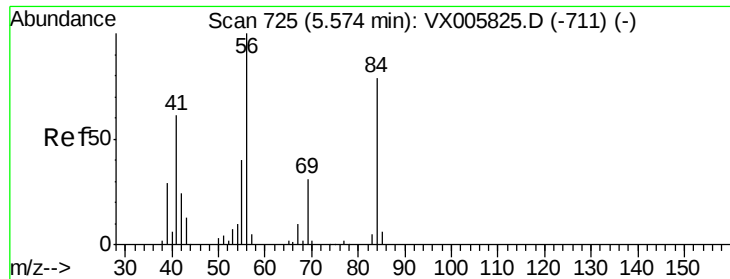
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200

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Time-->





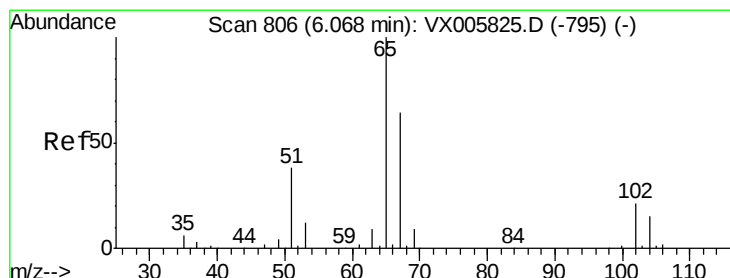
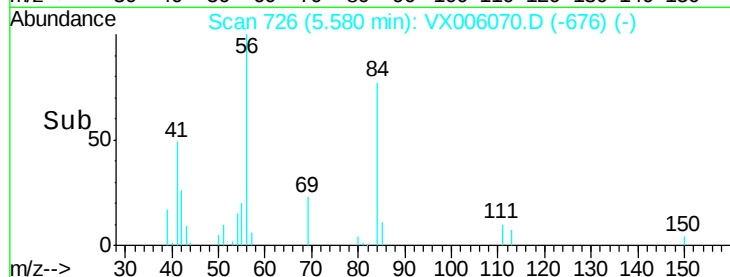
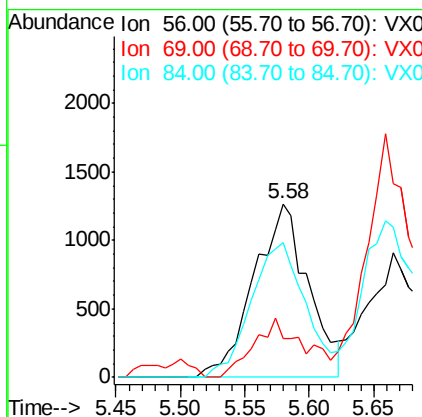
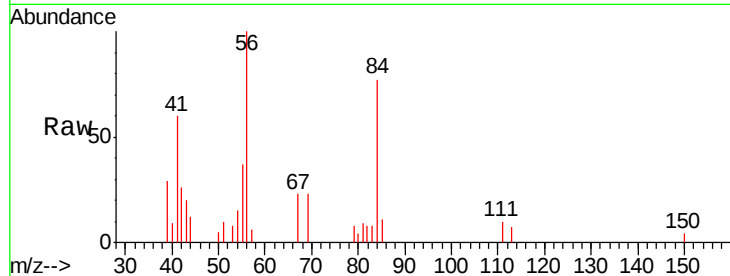
#31
Cyclohexane
Concen: 1.96 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tgt Ion	Ratio	Lower	Upper
56	100		
69	15.6	22.6	34.0#
84	77.4	62.7	94.1

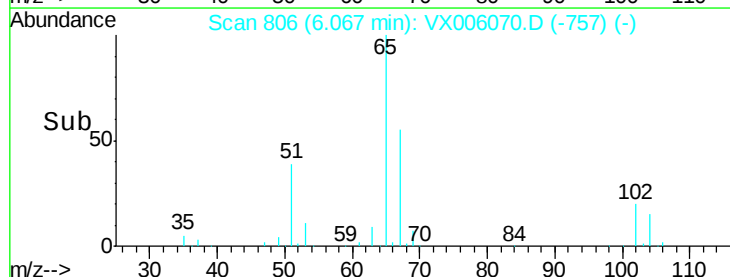
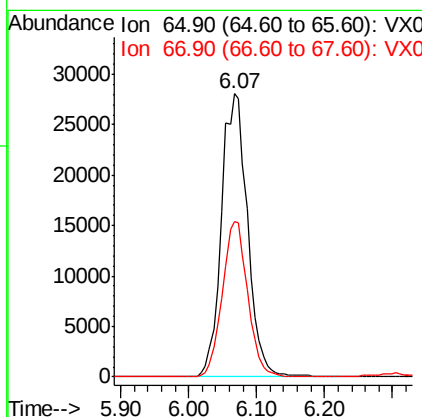
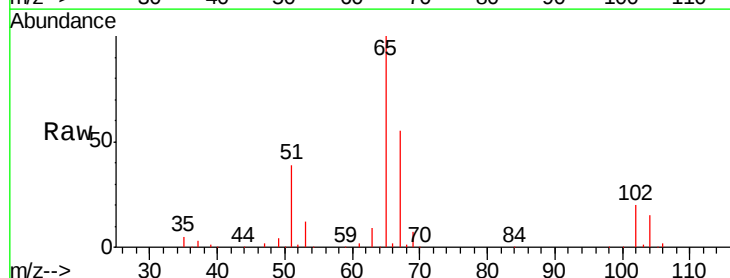
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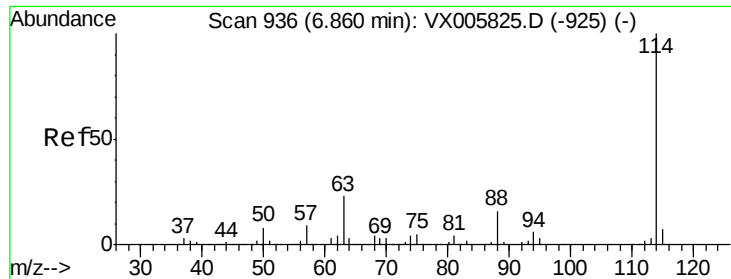
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#33
1,2-Dichloroethane-d4
Concen: 54.75 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0





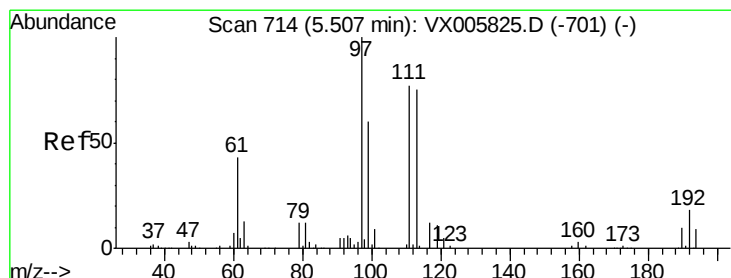
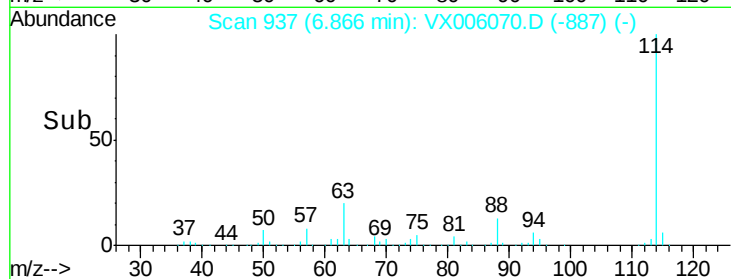
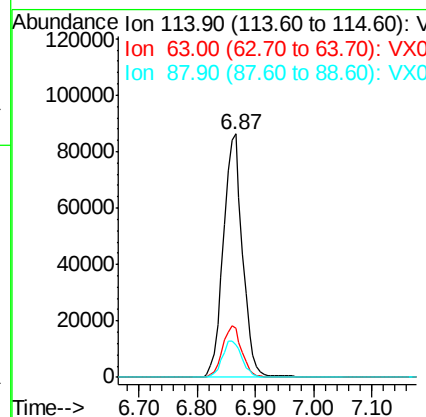
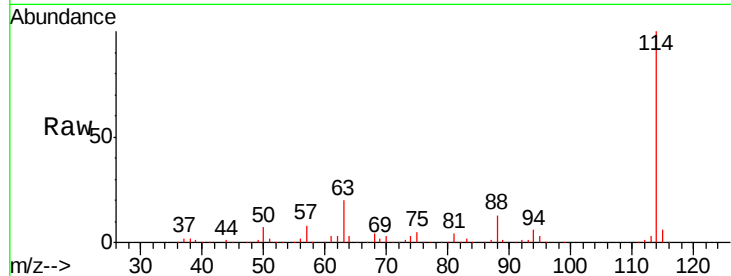
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.1	0.0	42.8
88	13.4	0.0	31.2

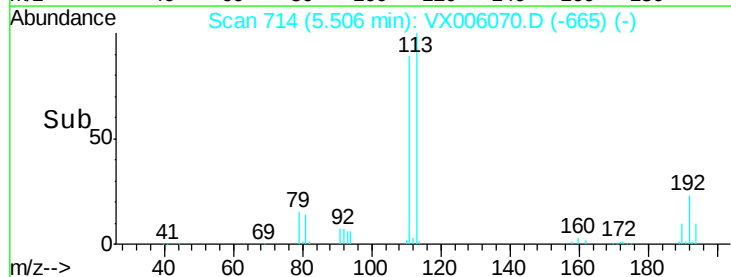
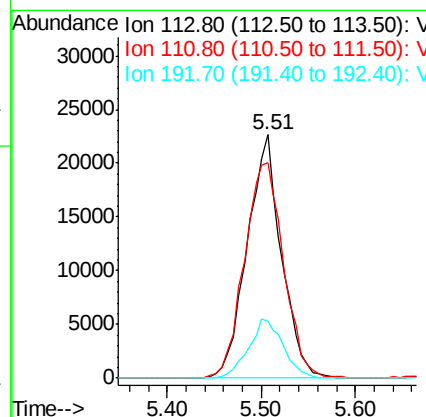
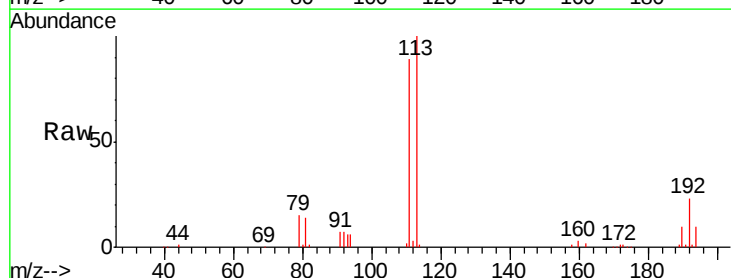
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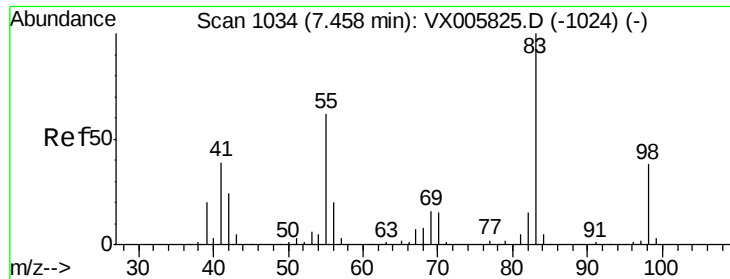
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#35
 Dibromofluoromethane
 Concen: 42.93 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	101.2	82.3	123.5
192	24.7	17.9	26.9





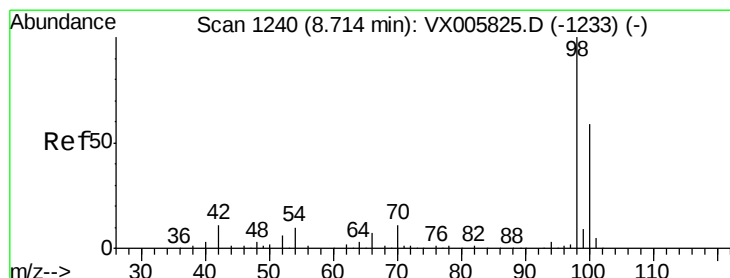
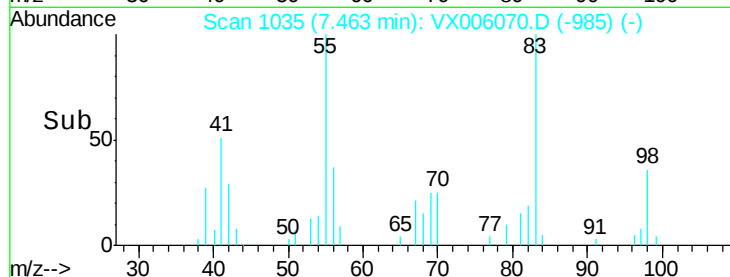
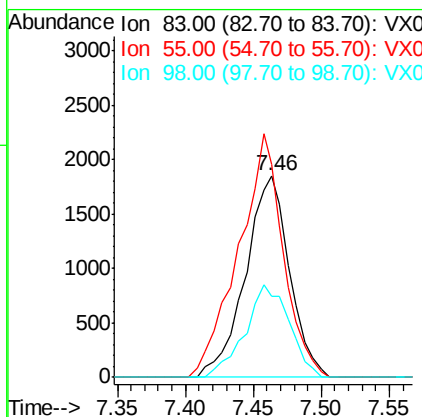
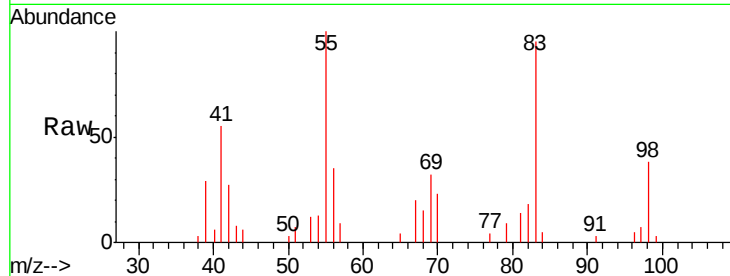
#39
Methylcyclohexane
Concen: 2.17 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tgt Ion	Ratio	Lower	Upper
83	100		
55	105.3	63.7	95.5#
98	40.1	36.2	54.2

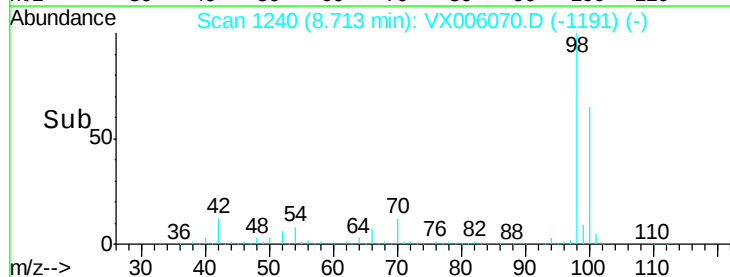
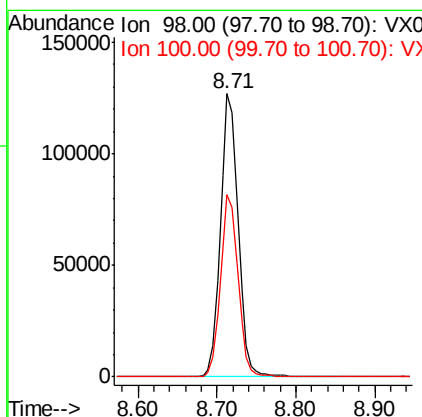
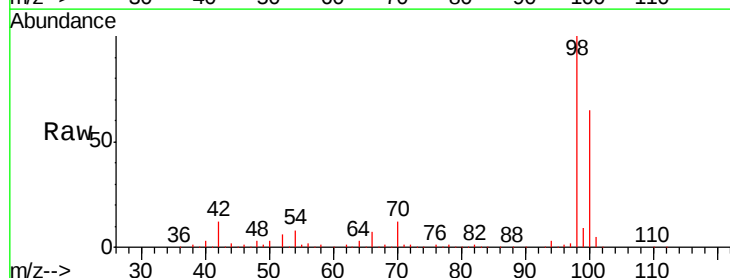
Manual Integrations
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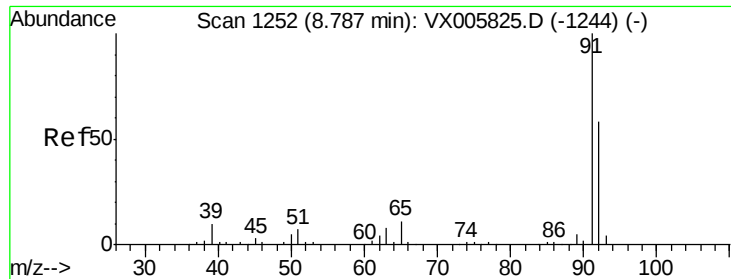
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#50
Toluene-d8
Concen: 44.56 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9





#52

Toluene

Concen: 3.75 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

Tgt Ion: 92 Resp: 11629

Ion Ratio Lower Upper

92 100

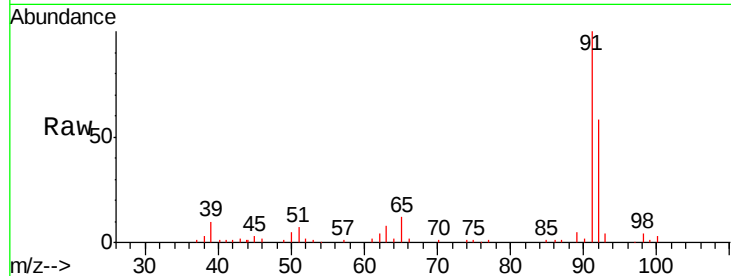
91 175.9 140.4 210.6

Manual Integrations

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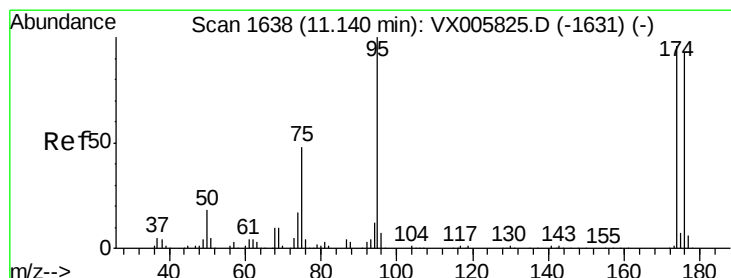
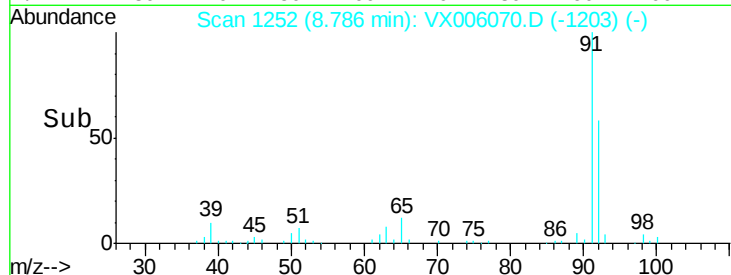
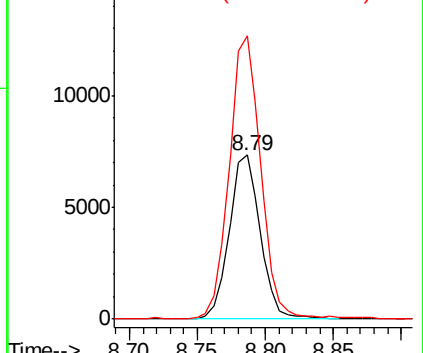
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.89 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

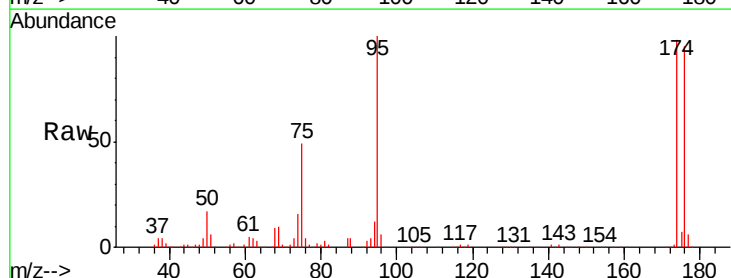
Tgt Ion: 95 Resp: 73683

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.4

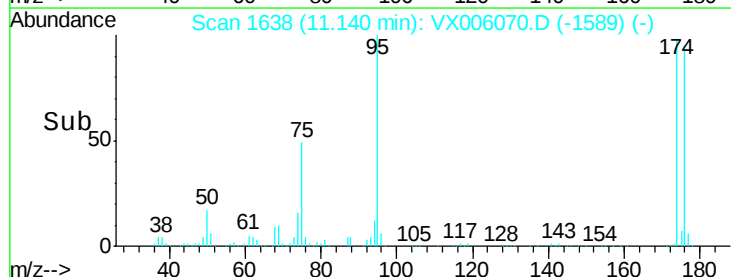
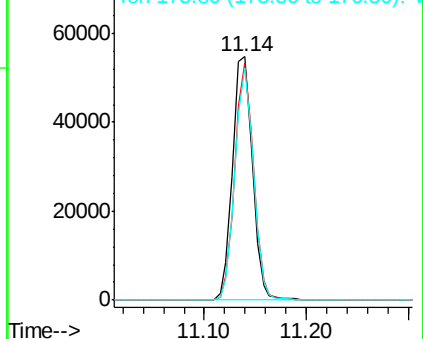
176 88.9 0.0 177.4

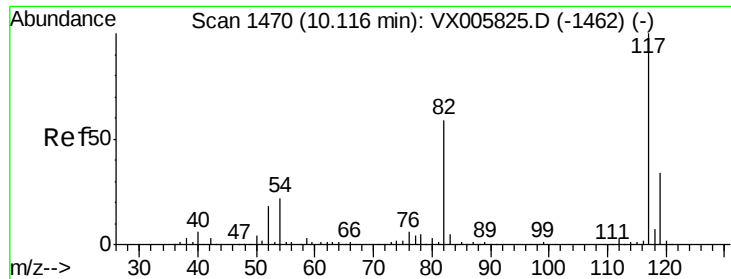


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





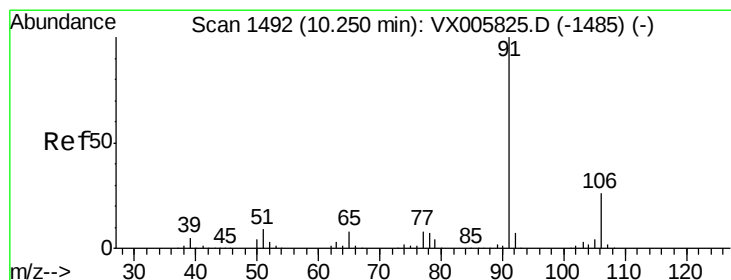
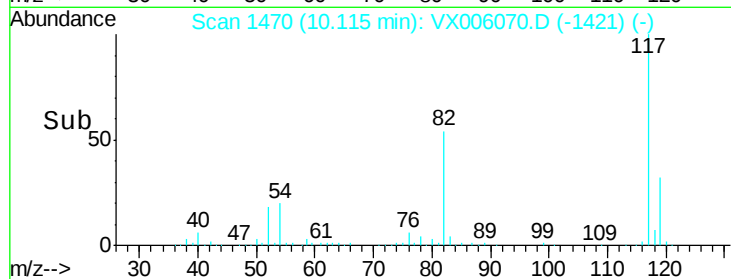
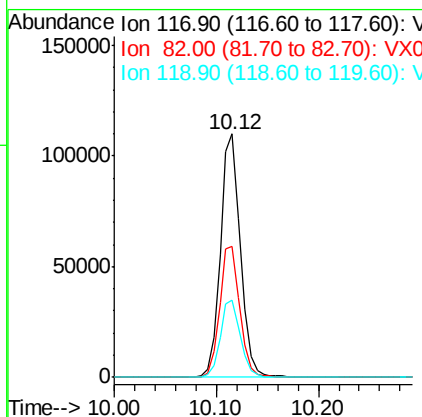
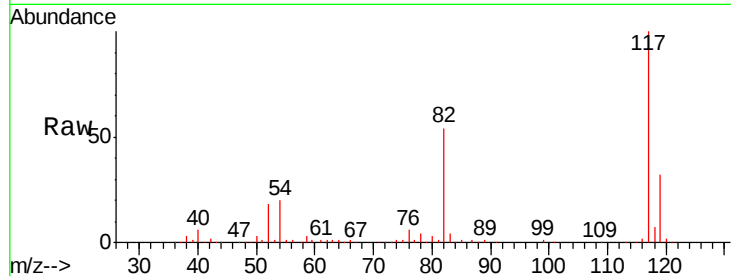
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.1	66.1
119	31.7	26.2	39.2

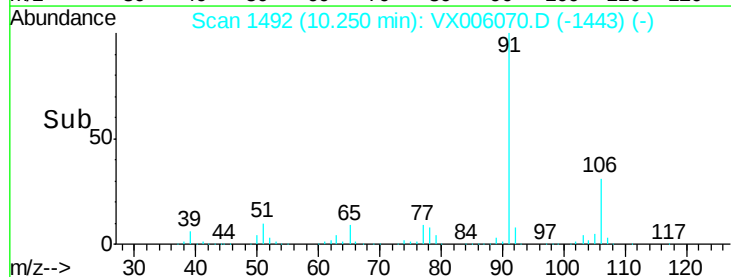
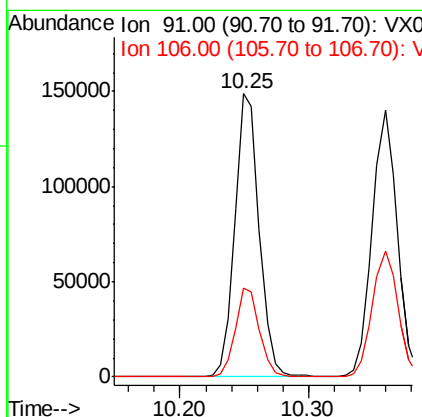
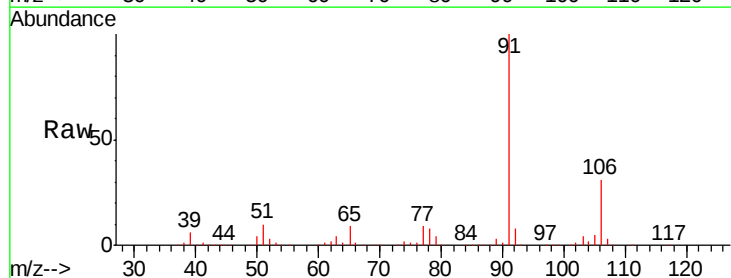
Manual Integrations
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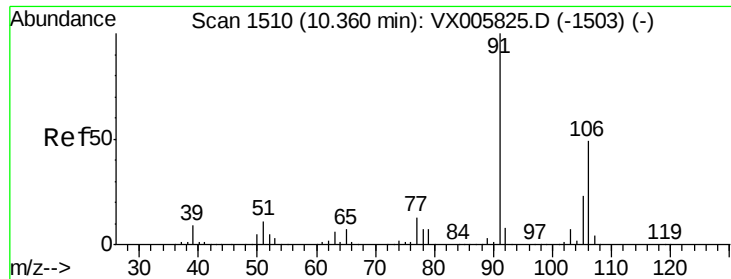
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#67
Ethyl Benzene
Concen: 40.67 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.4	36.6





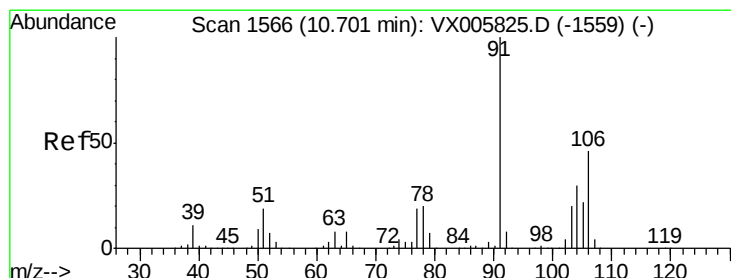
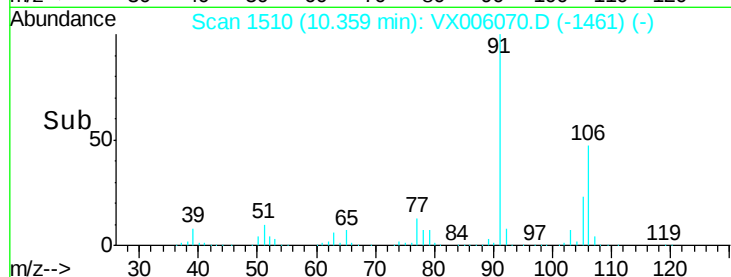
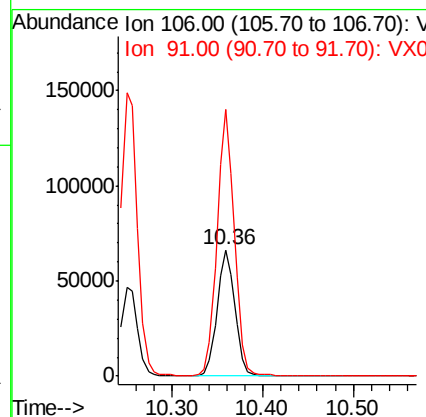
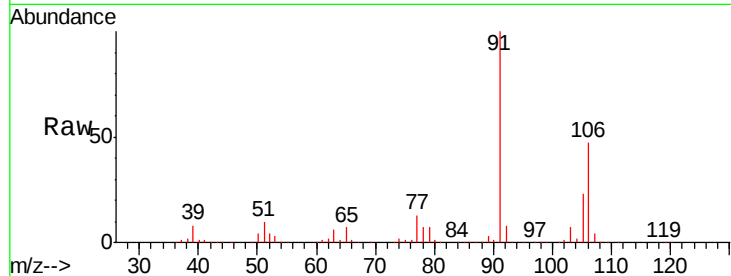
#68
m/p-Xylenes
Concen: 49.86 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tgt Ion:106 Resp: 91686
Ion Ratio Lower Upper
106 100
91 205.4 164.2 246.4

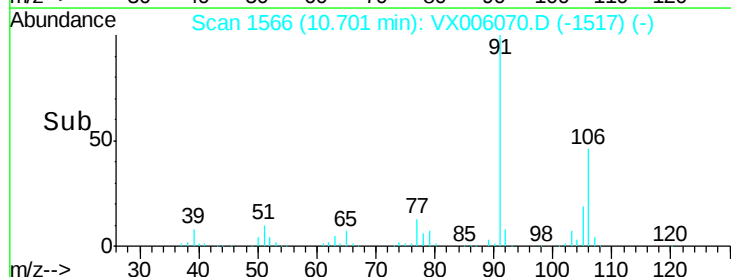
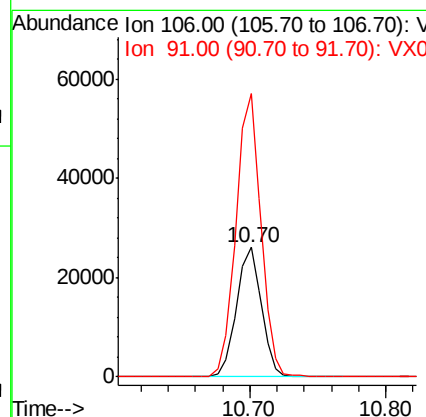
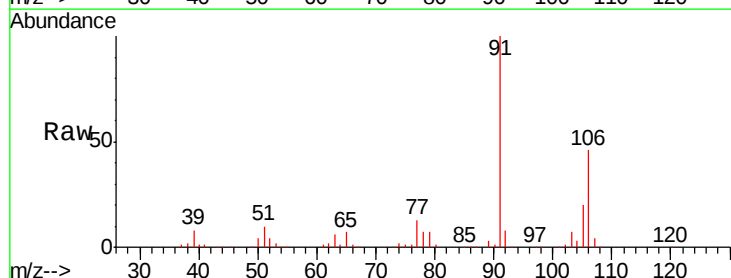
Manual Integrations
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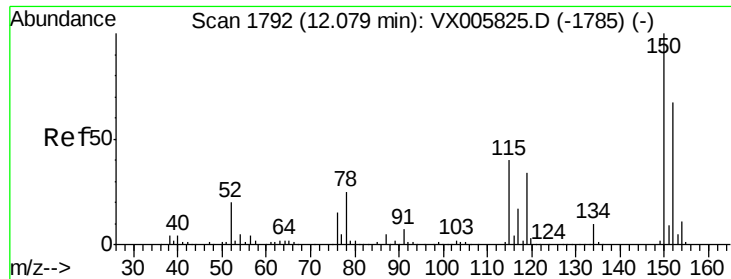
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#69
o-Xylene
Concen: 20.18 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion:106 Resp: 33275
Ion Ratio Lower Upper
106 100
91 219.1 108.5 325.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

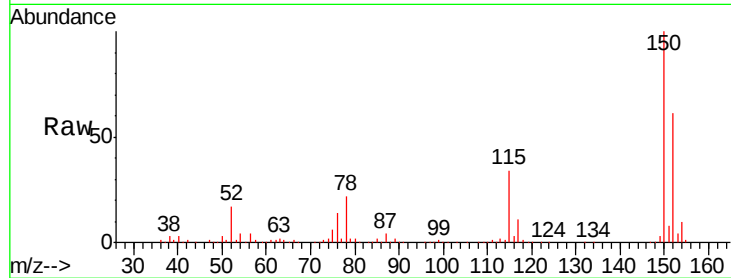
ClientSampleId :

MW-2-111418DL

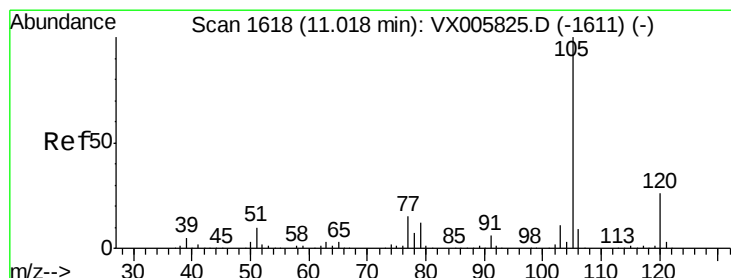
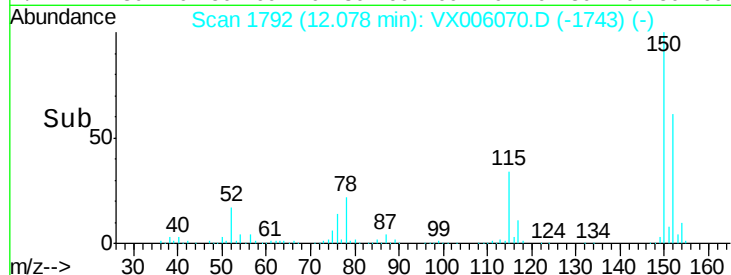
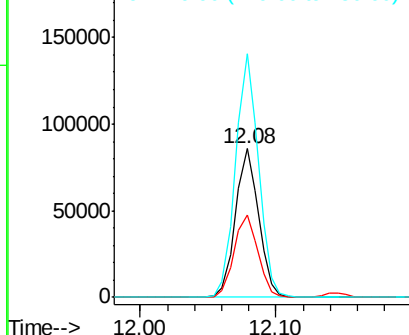
Tgt Ion:	152	Resp:	101775
Ion Ratio	Lower	Upper	
152	100		
115	56.7	39.4	118.1
150	161.8	0.0	346.4

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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: 5.31 ug/l

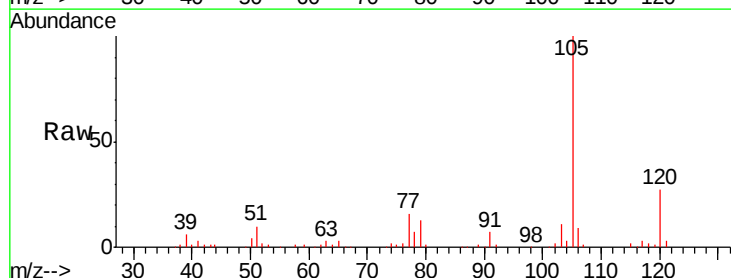
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

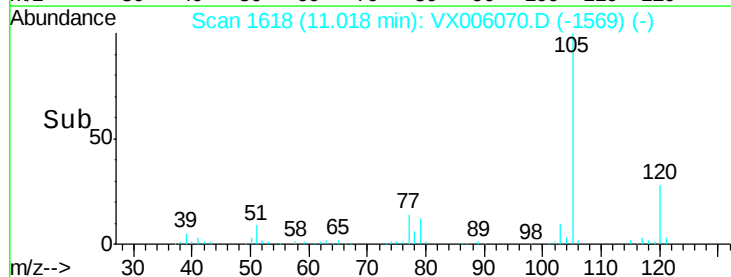
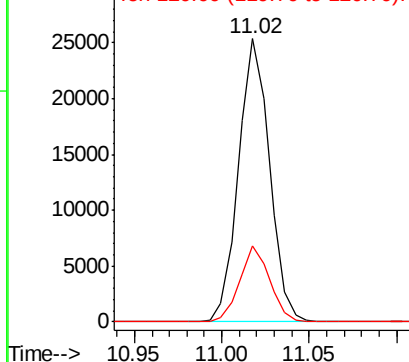
Lab File: VX006070.D

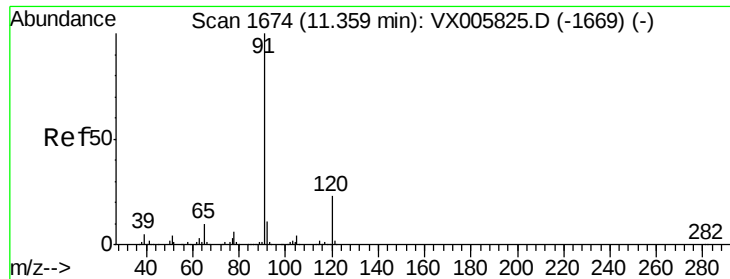
Acq: 17 Nov 2018 15:59

Tgt Ion:	105	Resp:	31281
Ion Ratio	Lower	Upper	
105	100		
120	26.1	13.1	39.3



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





#78

n-propylbenzene

Concen: 13.12 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006070.D

Acq: 17 Nov 2018 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418DL

Tgt Ion: 91 Resp: 90982

Ion Ratio Lower Upper

91 100

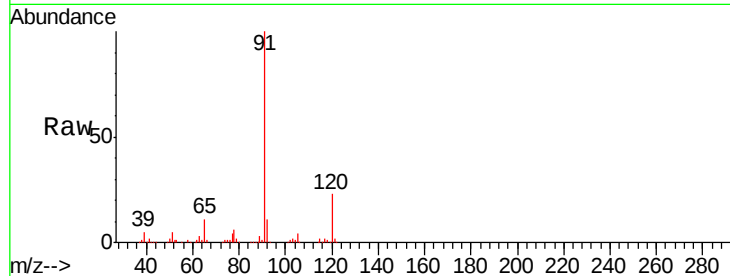
120 22.7 11.9 35.5

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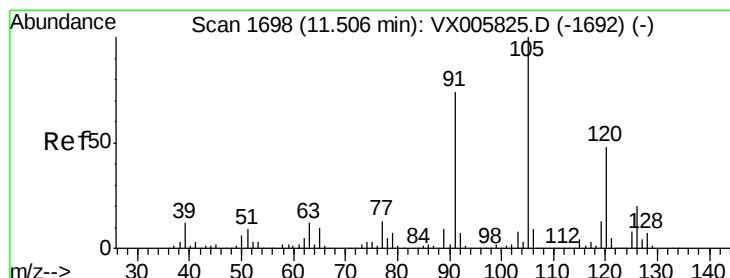
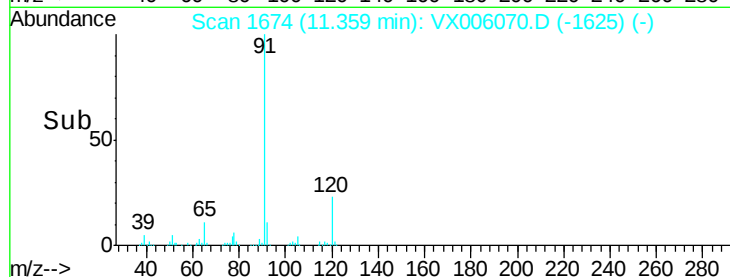
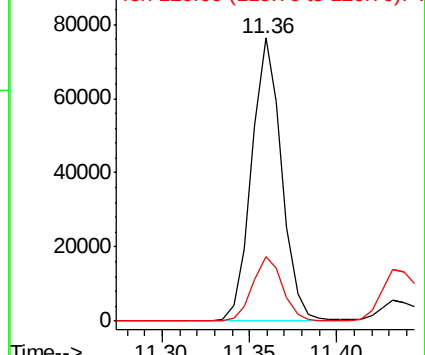
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 10.71 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006070.D

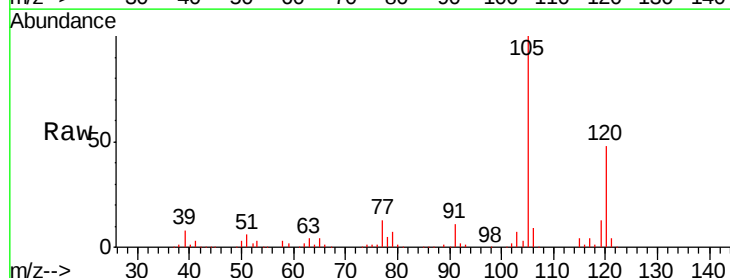
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Tgt Ion: 105 Resp: 53542

Ion Ratio Lower Upper

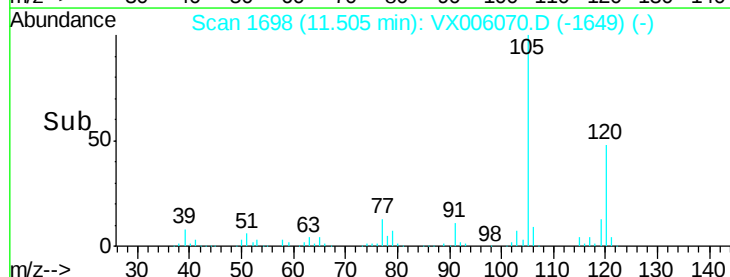
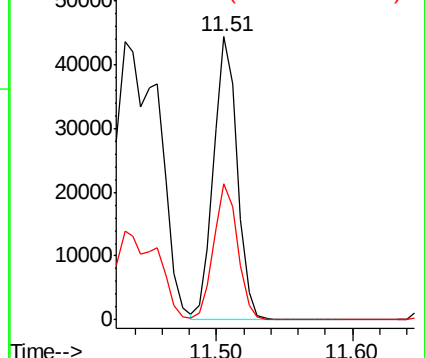
105 100

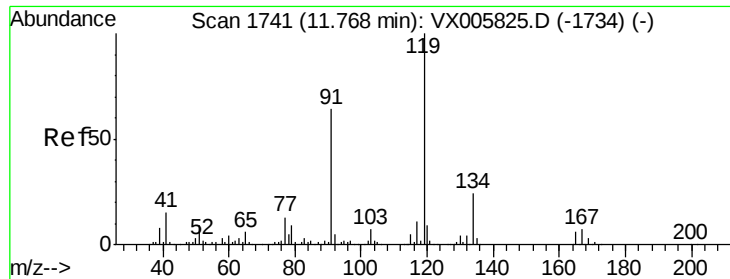
120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





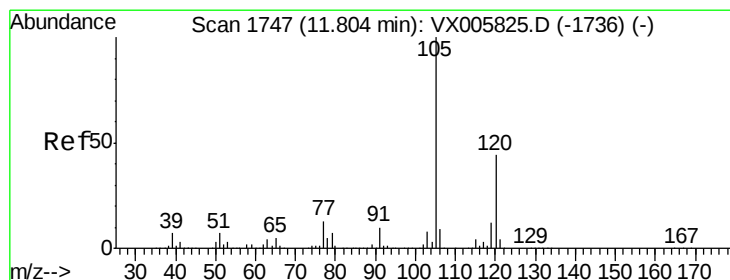
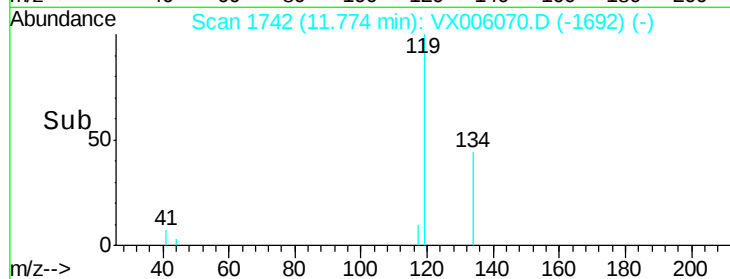
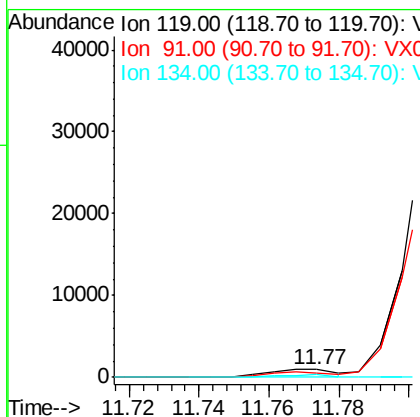
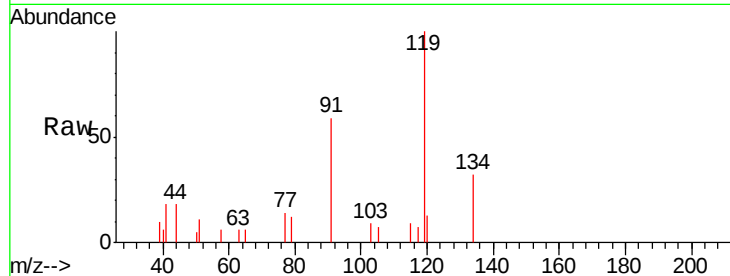
#83
 tert-Butylbenzene
 Concen: 0.25 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418DL

Tgt Ion	Ratio	Lower	Upper
119	100		
91	73.1	28.5	85.5
134	24.6	11.3	33.8

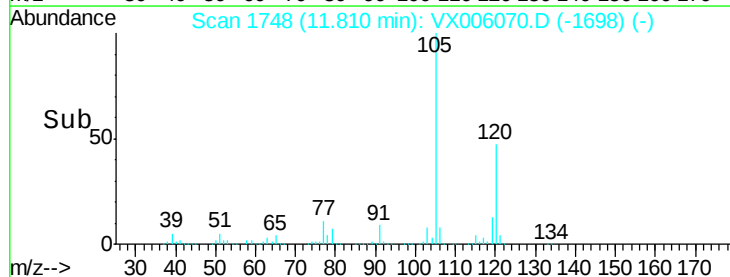
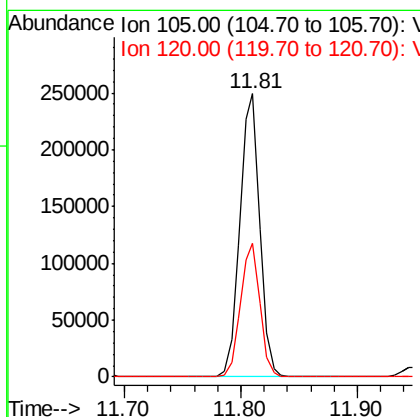
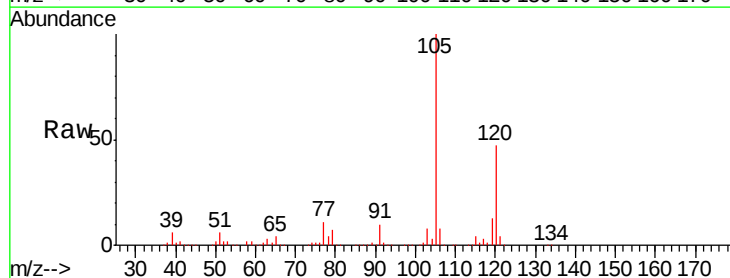
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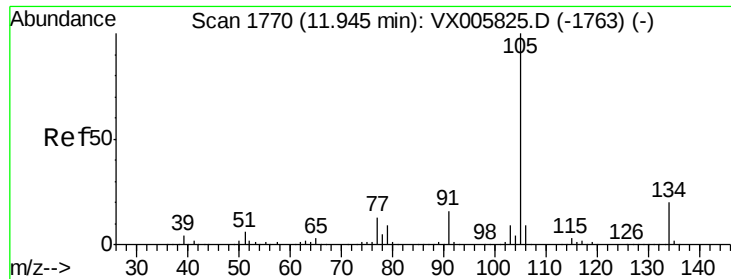
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.74 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.4	67.0





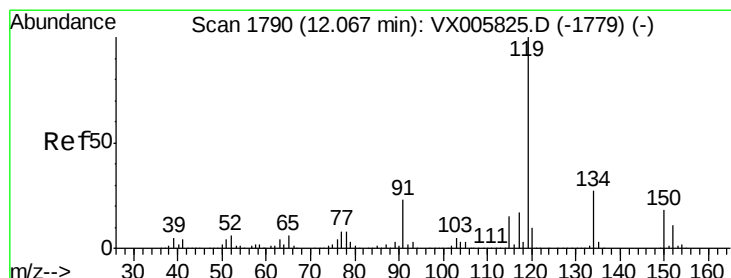
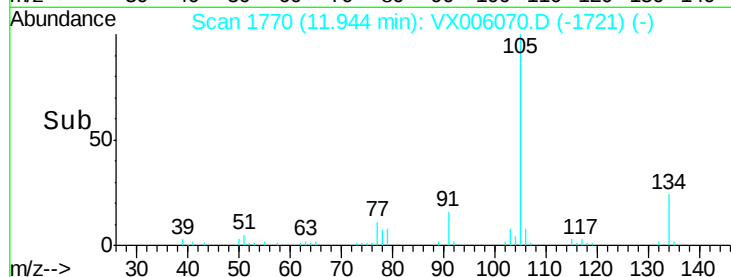
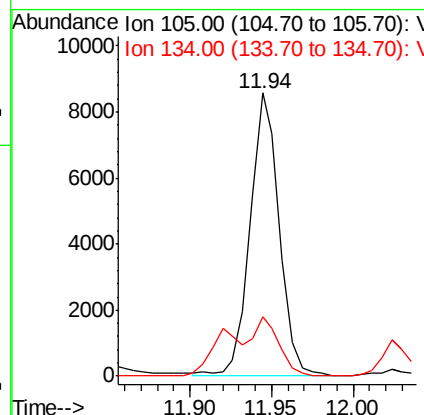
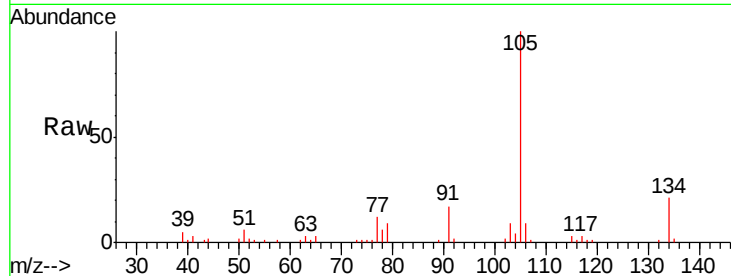
#85
 sec-Butylbenzene
 Concen: 1.73 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418DL

Tgt Ion:105 Resp: 10700
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.4

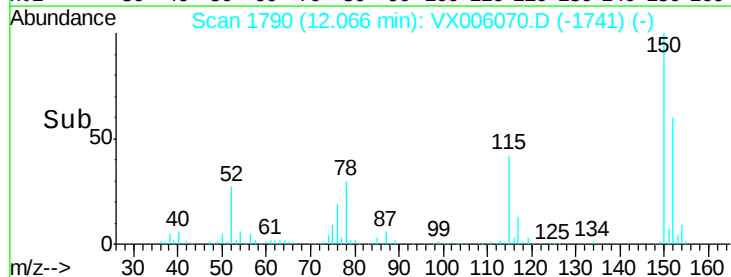
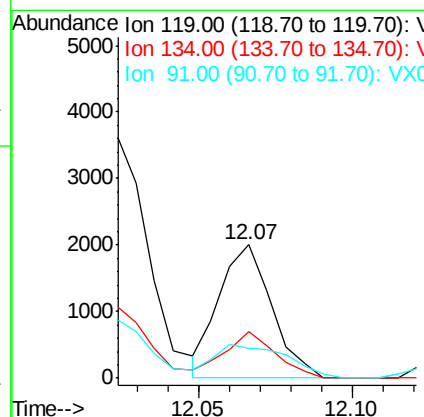
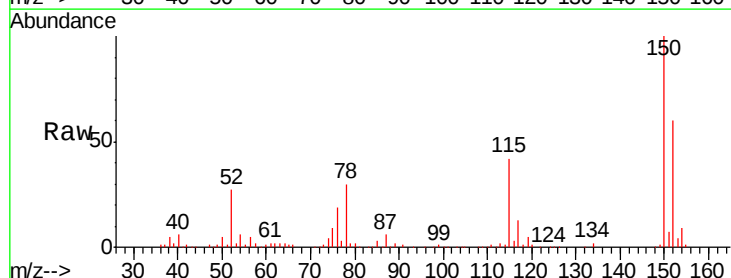
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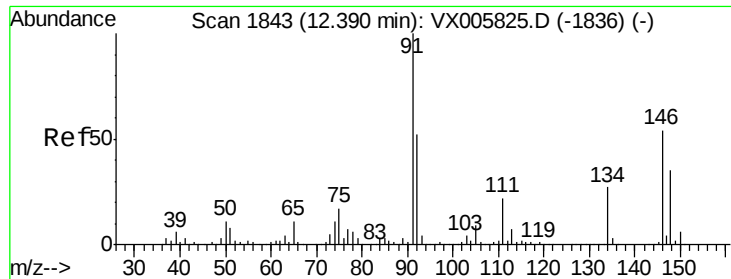
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#86
 p-Isopropyltoluene
 Concen: 0.44 ug/l m
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006070.D
 Acq: 17 Nov 2018 15:59

Tgt Ion:119 Resp: 2392
 Ion Ratio Lower Upper
 119 100
 134 52.3 13.0 39.0#
 91 49.4 11.4 34.2#





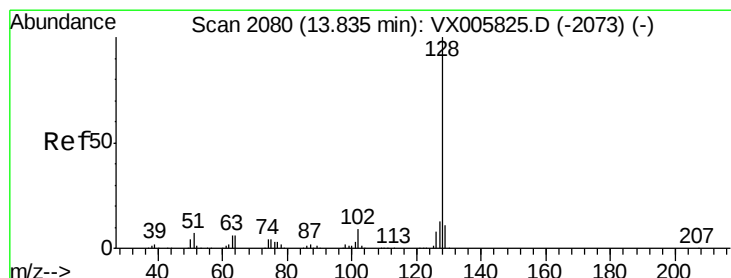
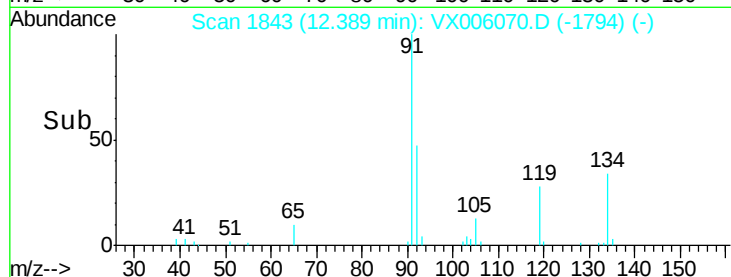
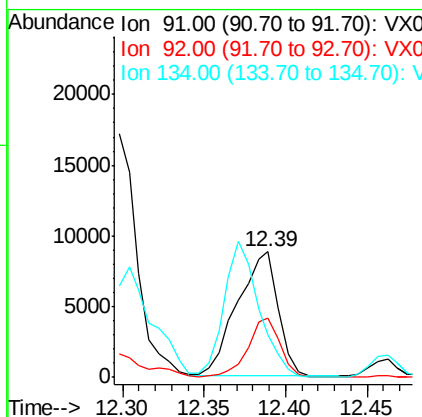
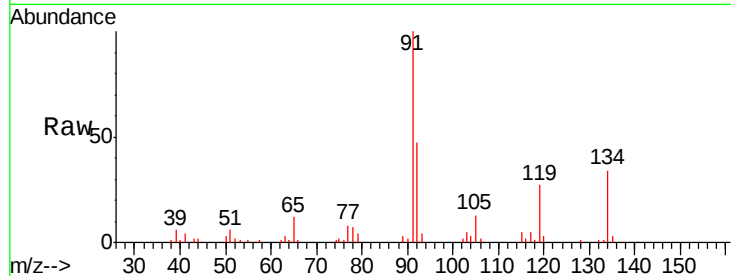
#89
n-Butylbenzene
Concen: 3.03 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418DL

Tgt Ion: 91 Resp: 15371
Ion Ratio Lower Upper
91 100
92 37.9 26.1 78.2
134 93.2 13.1 39.3#

Manual Integrations
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#95
Naphthalene
Concen: 21.67 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006070.D
Acq: 17 Nov 2018 15:59

Tgt Ion: 128 Resp: 153662
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.7 13.1

