

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003946.D
 Acq On : 09 Aug 2018 13:17
 Operator : JC/MD
 Sample : J4387-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558DL

Manual Integrations
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 8/10/2018 10:56:17 AM

Quant Time: Aug 10 15:48:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	506463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	482221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274863	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	215914	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	185584	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.72	98	711158	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.14	95	269061	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	16231	2.61	ug/l	94
39) Methylcyclohexane	7.46	83	36577	5.47	ug/l	97
67) Ethyl Benzene	10.26	91	363199	17.68	ug/l	97
68) m/p-Xylenes	10.36	106	323558	40.31	ug/l	98
69) o-Xylene	10.70	106	255127	33.67	ug/l	97
73) Isopropylbenzene	11.02	105	51704	2.54	ug/l	98
78) n-propylbenzene	11.36	91	69796	3.06	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	98587	5.95	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	357088	21.42	ug/l	98
95) Naphthalene	13.83	128	46033	2.25	ug/l	100

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

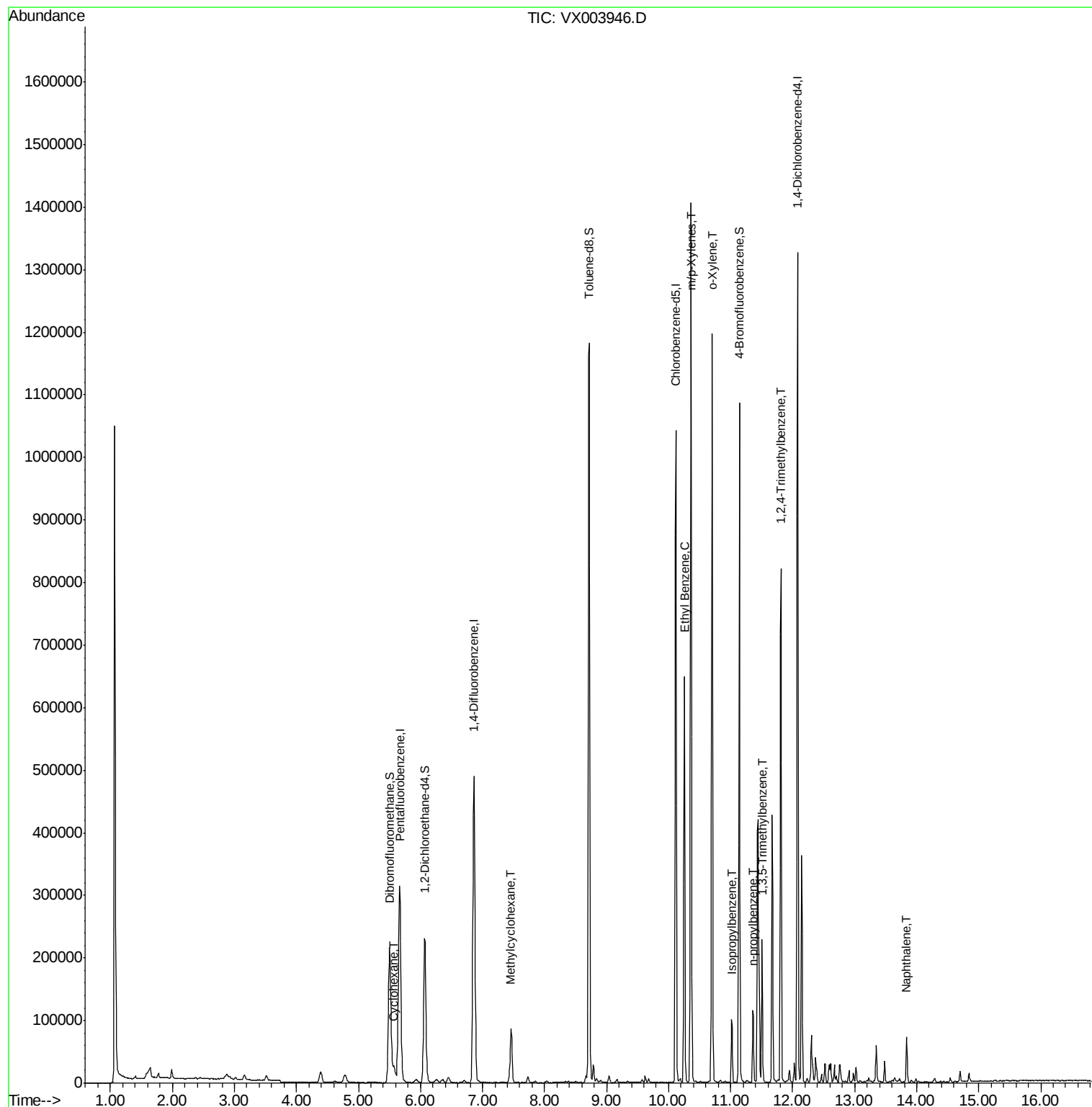
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080918\
Data File : VX003946.D
Acq On : 09 Aug 2018 13:17
Operator : JC/MD
Sample : J4387-08DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

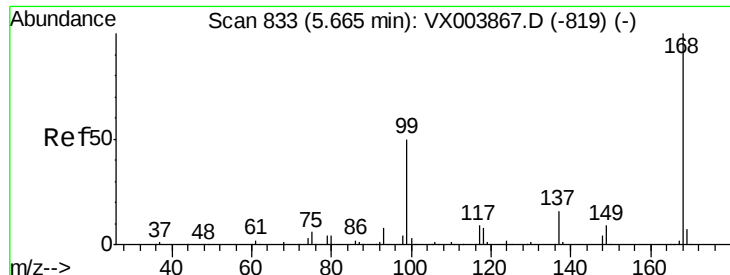
Instrument :
MSVOA_X
ClientSampleId :
FL-0558DL

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Quant Time: Aug 10 15:48:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

FL-0558DL

Tot Ion:168 Resp: 326069

Ion Ratio Lower Upper

168 100

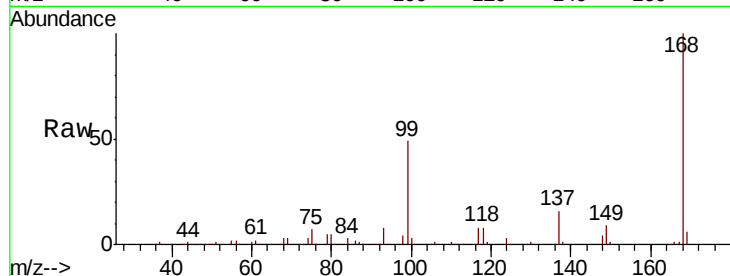
99 49.0 40.1 60.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

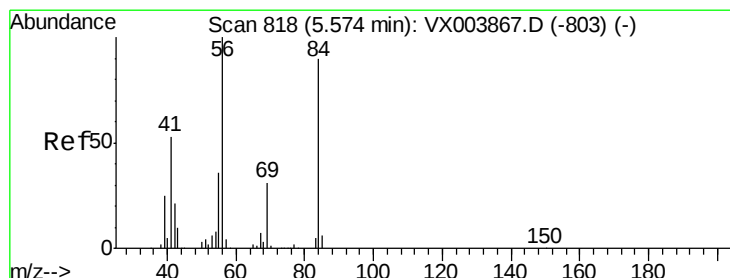
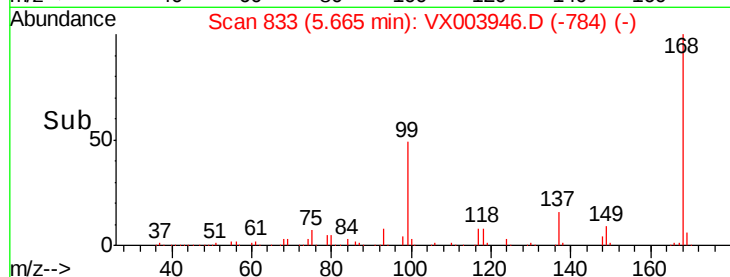
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 2.61 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

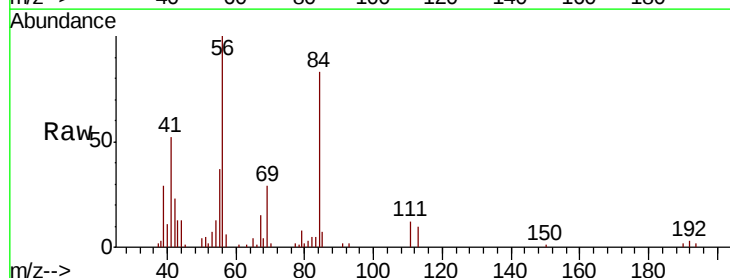
Tgt Ion: 56 Resp: 16231

Ion Ratio Lower Upper

56 100

69 28.7 24.9 37.3

84 82.8 71.7 107.5



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

5.57

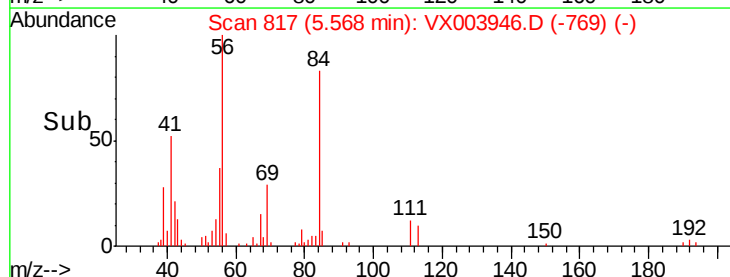
6000

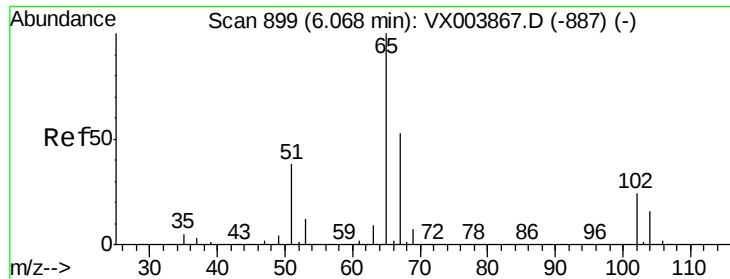
4000

2000

0

Time--> 5.50 5.60





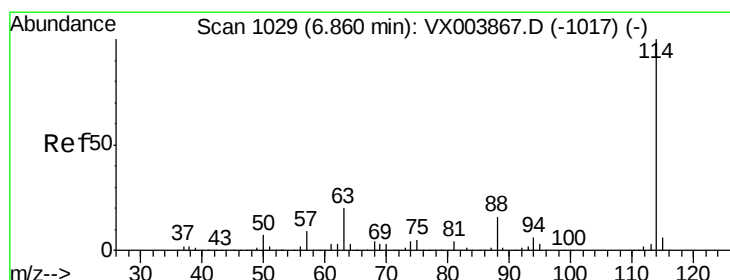
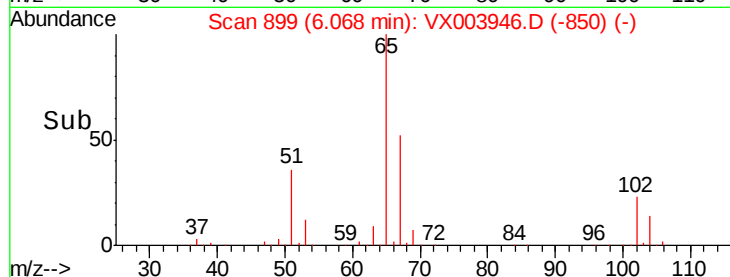
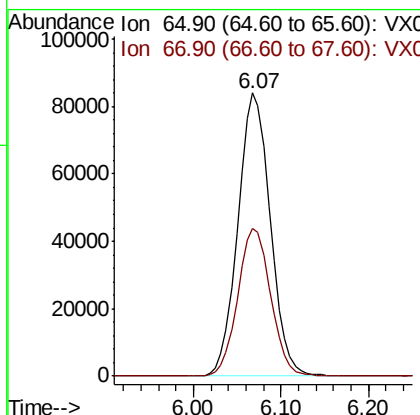
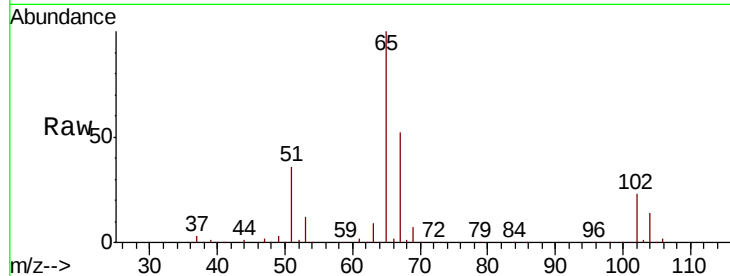
#33
 1,2-Dichloroethane-d4
 Concen: 49.95 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0558DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215914		
67	53.2	0.0	105.8	

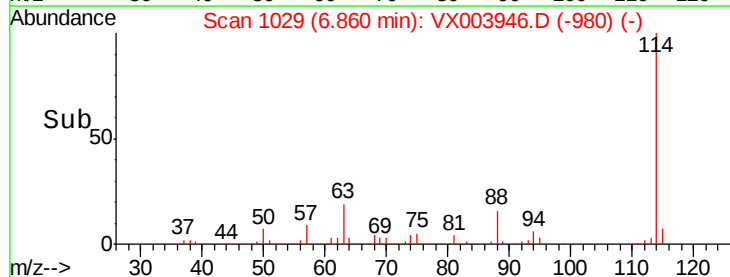
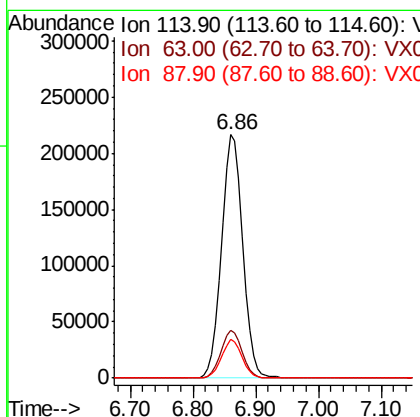
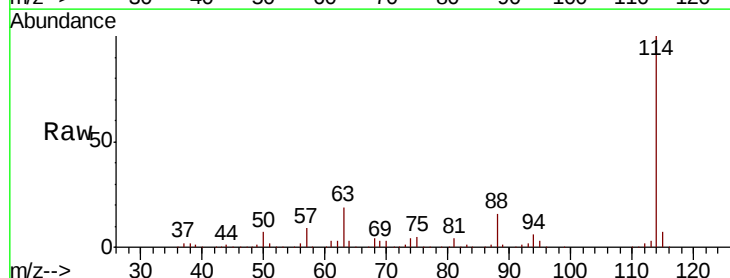
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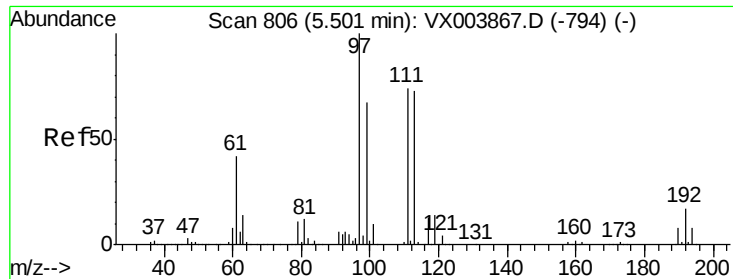
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	506463		
63	19.4	0.0	39.0	
88	16.1	0.0	32.0	





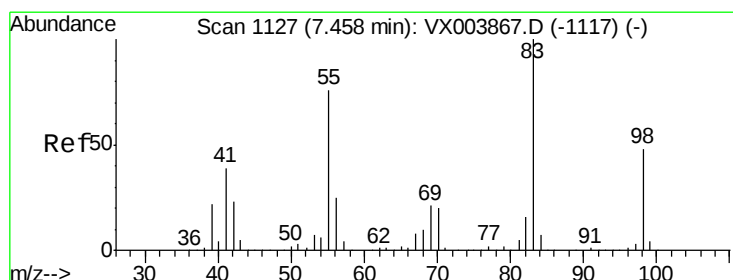
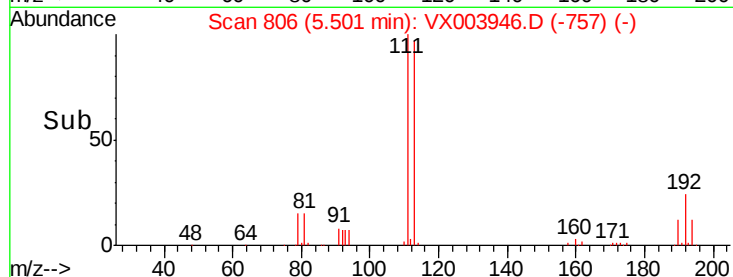
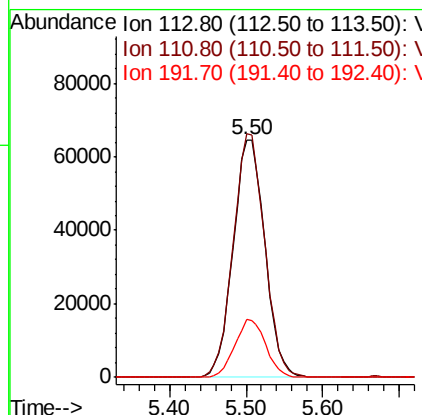
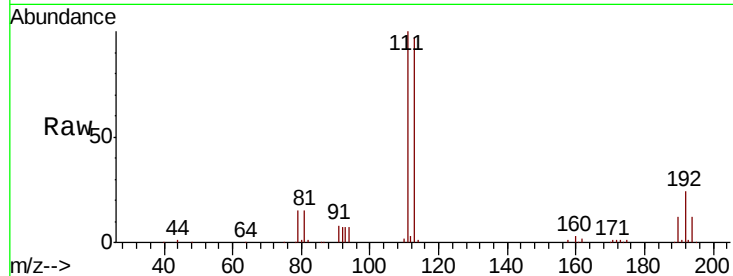
#35
Dibromofluoromethane
Concen: 48.37 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Instrument :
MSVOA_X
ClientSampleId :
FL-0558DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	185584		
111	101.3	82.0	123.0	
192	23.7	19.0	28.4	

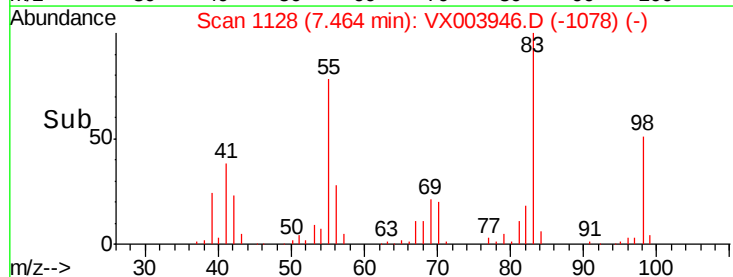
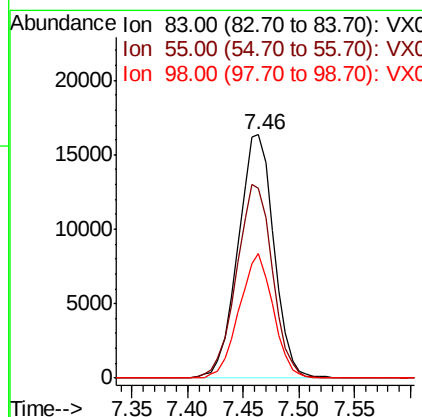
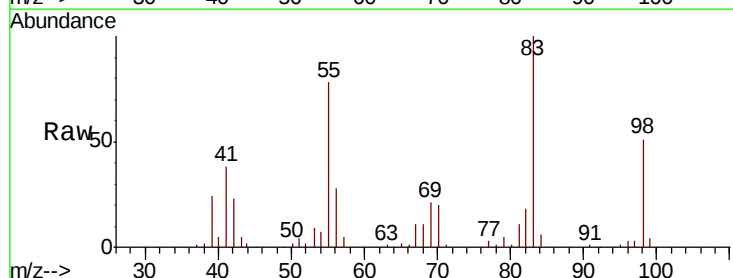
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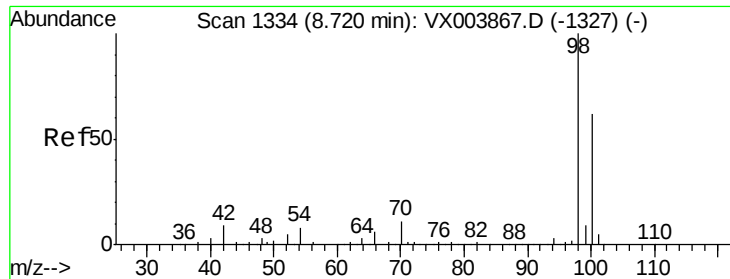
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#39
Methylcyclohexane
Concen: 5.47 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	36577		
55	77.8	61.0	91.6	
98	51.3	38.6	57.8	





#50

Toluene-d8

Concen: 47.66 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampleID :

FL-0558DL

Tot Ion: 98 Resp: 711158

Ion Ratio Lower Upper

98 100

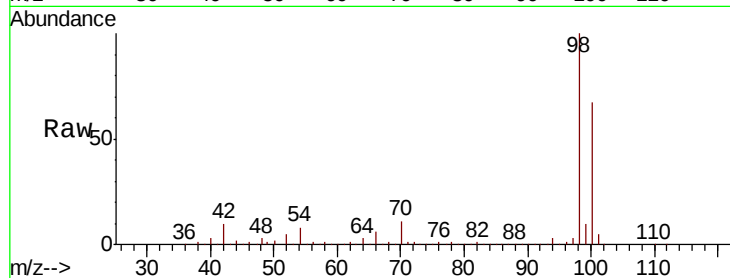
100 66.6 53.3 79.9

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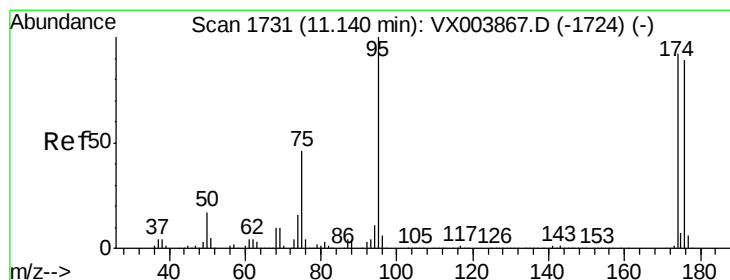
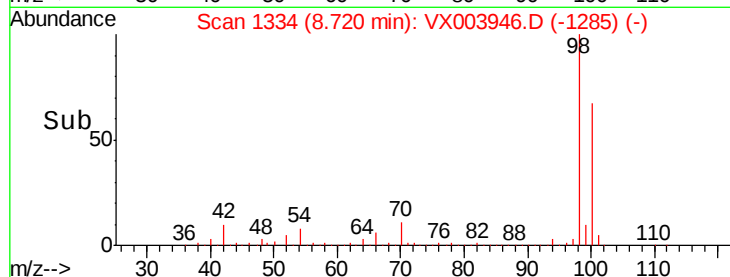
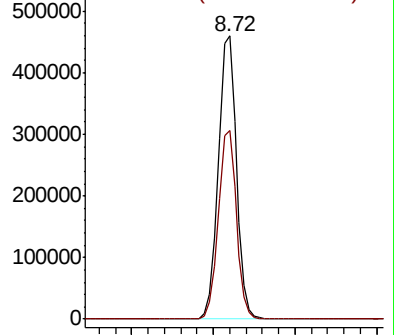
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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 55.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

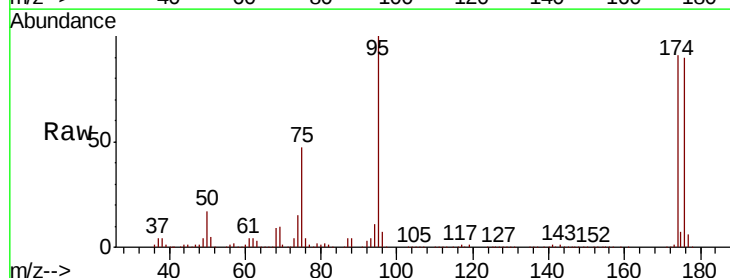
Tgt Ion: 95 Resp: 269061

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

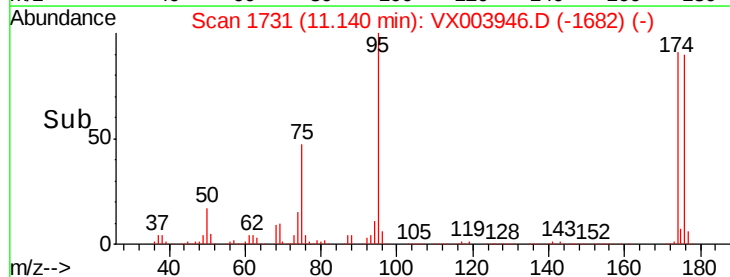
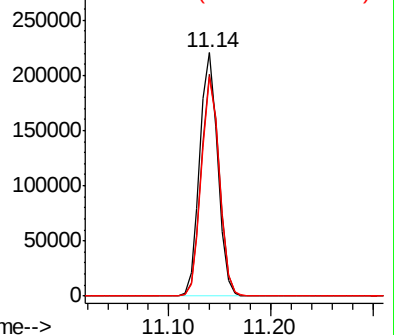
176 89.5 0.0 179.0

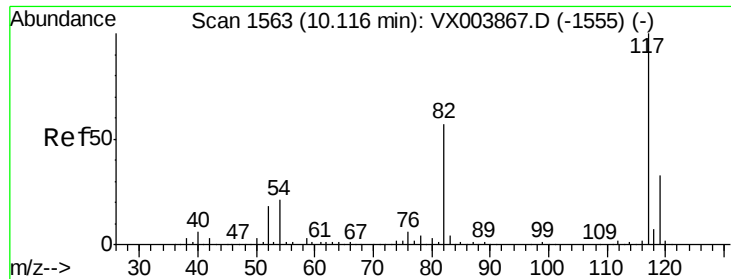


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





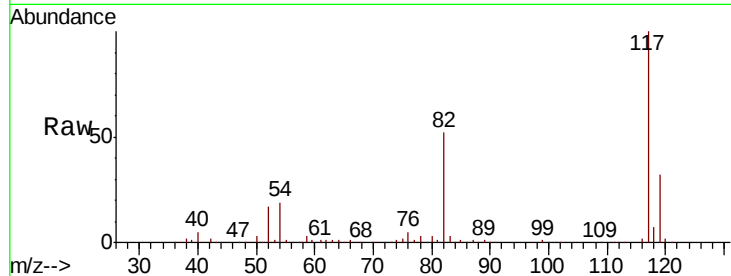
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Instrument :
MSVOA_X
ClientSampleID :
FL-0558DL

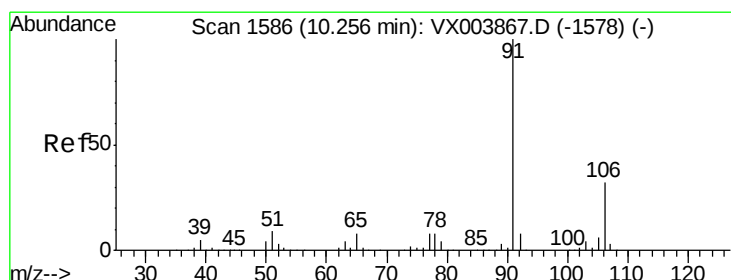
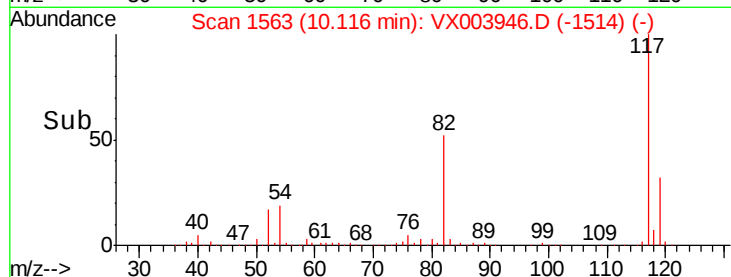
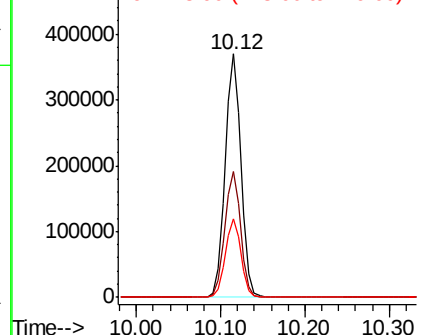
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	45.4	68.0
119	32.4	26.6	40.0

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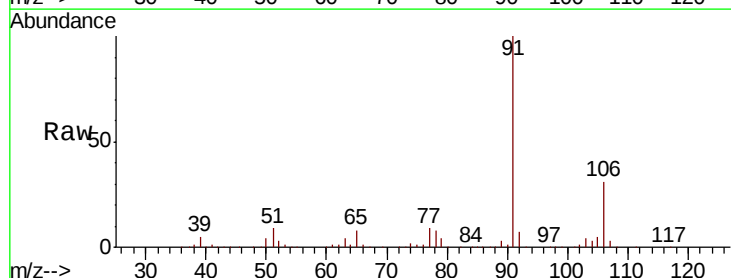


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

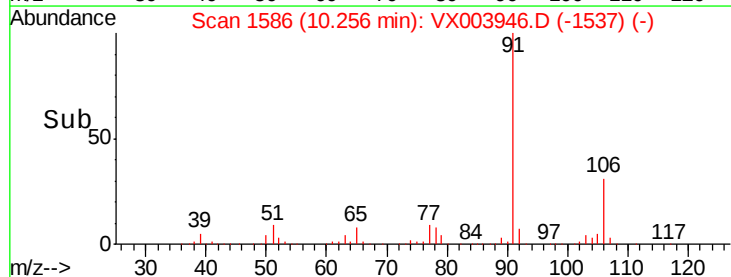
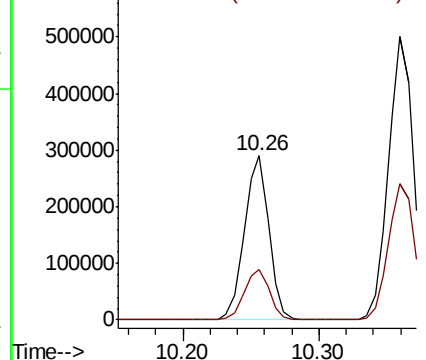


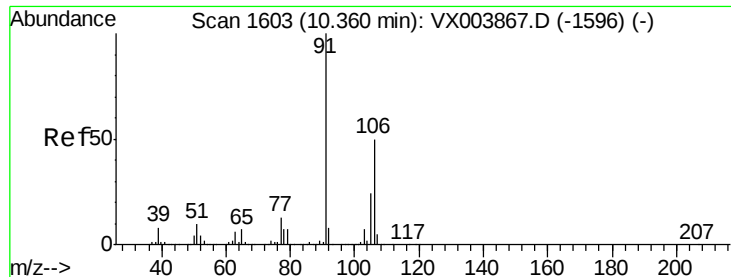
#67
Ethyl Benzene
Concen: 17.68 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.9	38.9



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





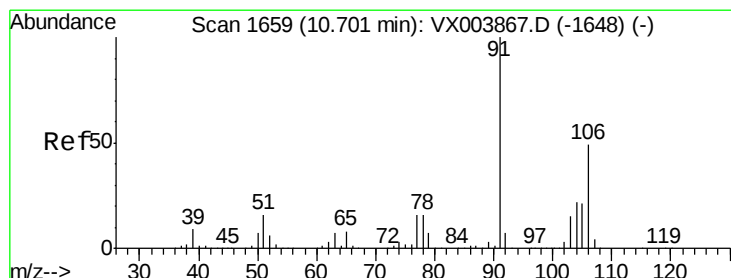
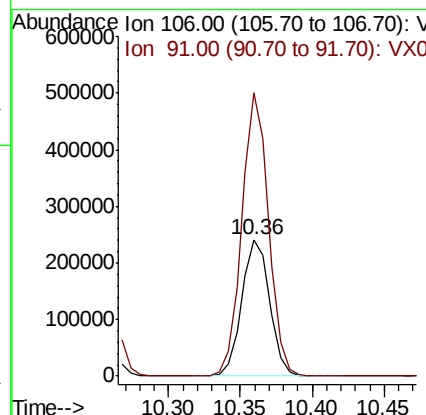
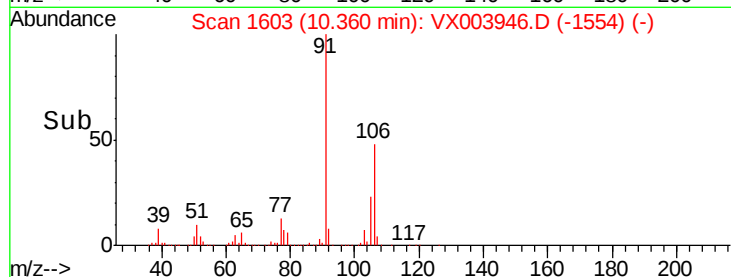
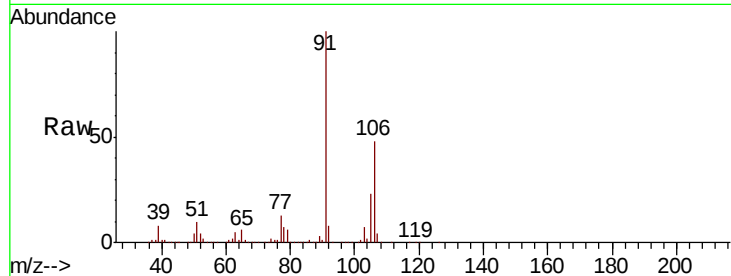
#68
m/p-Xylenes
Concen: 40.31 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Instrument :
MSVOA_X
ClientSampleID :
FL-0558DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	199.4	162.3	243.5		

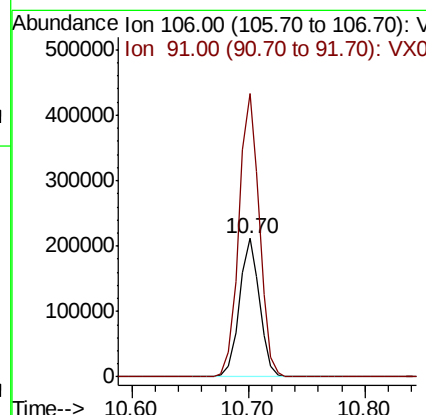
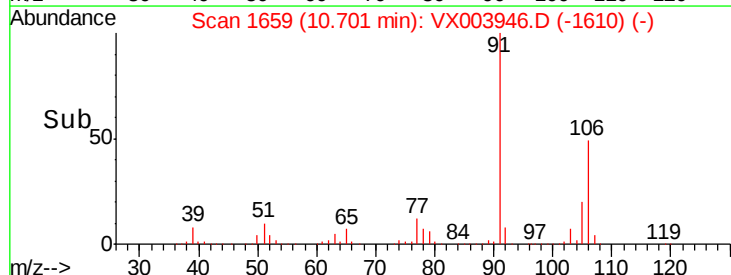
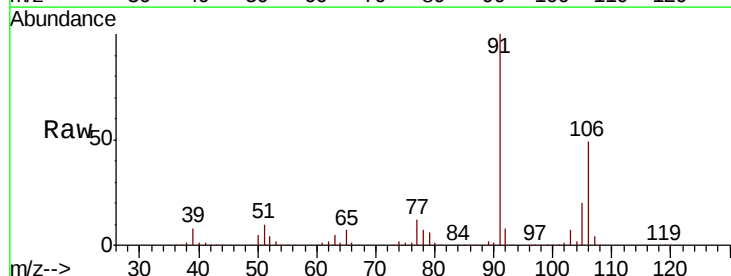
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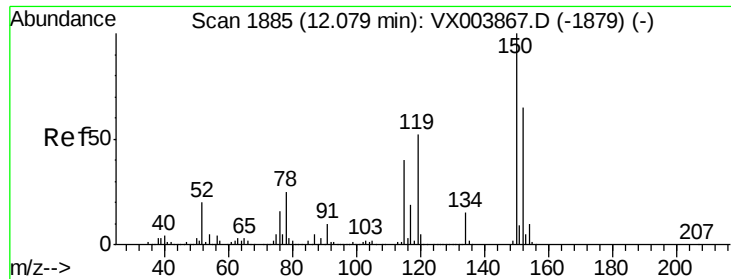
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#69
o-Xylene
Concen: 33.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003946.D
Acq: 09 Aug 2018 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	207.8	101.9	305.7		





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

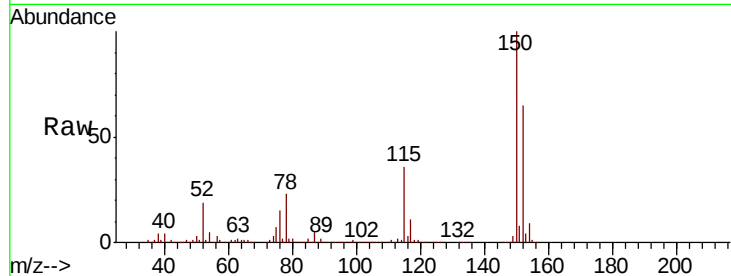
ClientSampled :

FL-0558DL

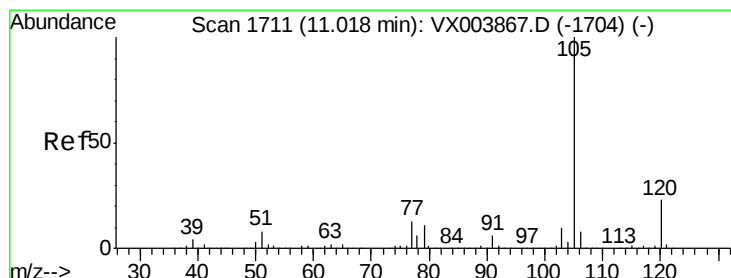
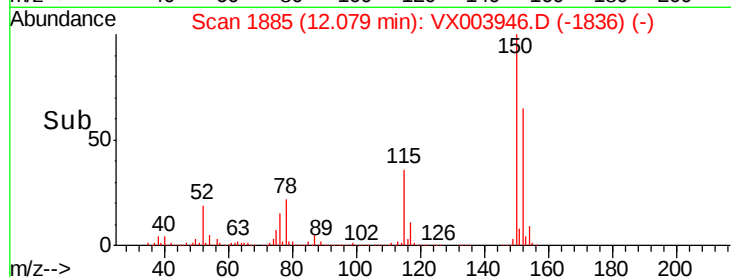
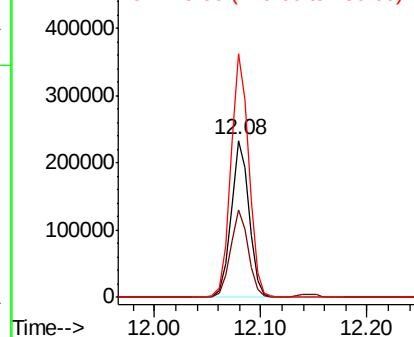
Tot Ion:	152	Resp:	274863
Ion Ratio	Lower	Upper	
152	100		
115	54.9	39.1	117.3
150	156.1	0.0	349.2

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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: 2.54 ug/l

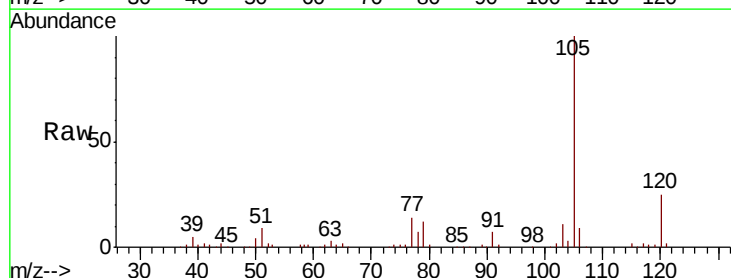
RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

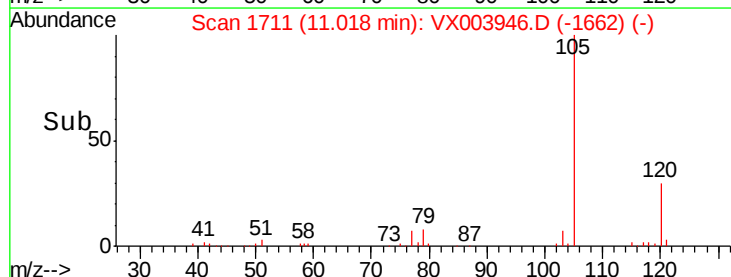
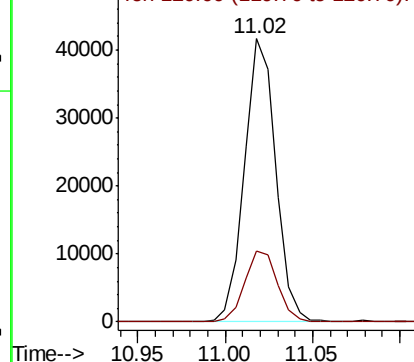
Lab File: VX003946.D

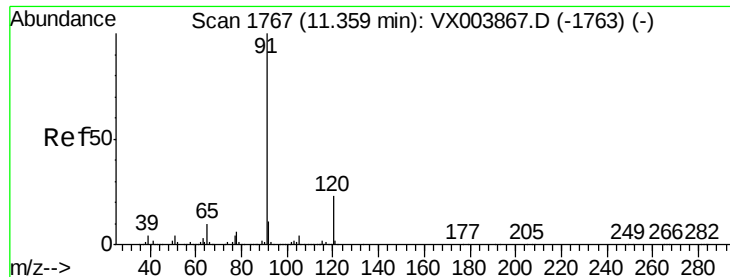
Acq: 09 Aug 2018 13:17

Tgt Ion:	105	Resp:	51704
Ion Ratio	Lower	Upper	
105	100		
120	26.2	12.6	37.8



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





#78

n-propylbenzene

Concen: 3.06 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003946.D

Acq: 09 Aug 2018 13:17

Instrument :

MSVOA_X

ClientSampled :

FL-0558DL

Tot Ion: 91 Resp: 69796

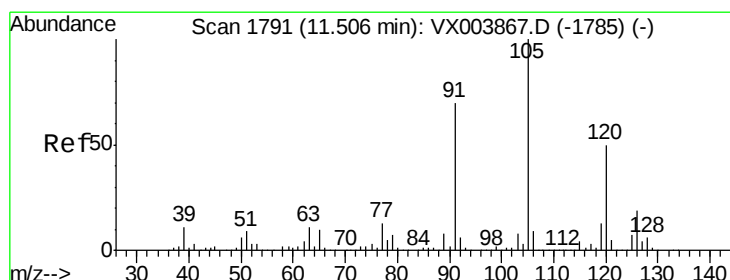
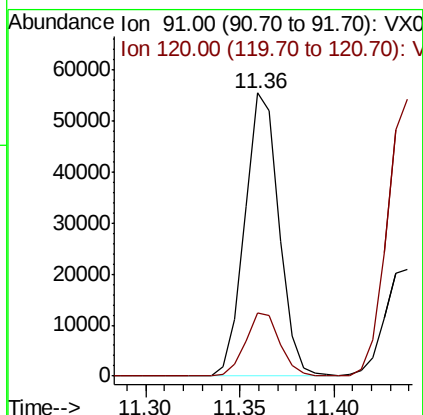
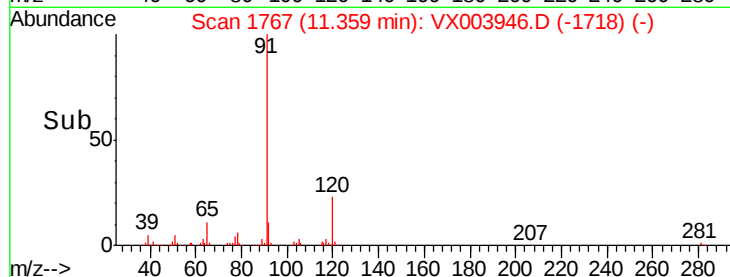
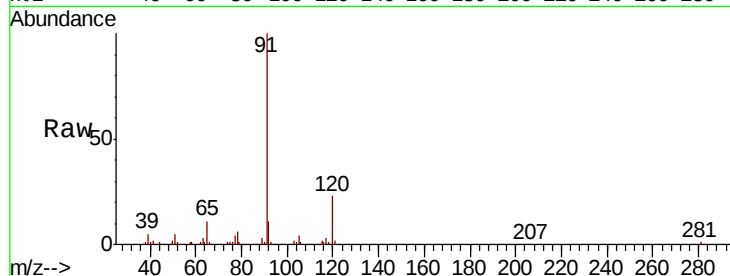
Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5

Manual Integrations
APPROVED

MMDadoda
8/10/2018 10:56:17 AM



#80

1,3,5-Trimethylbenzene

Concen: 5.95 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX003946.D

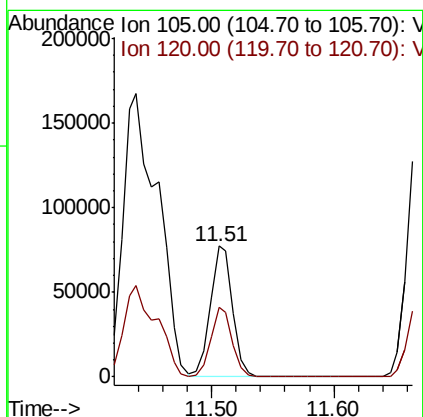
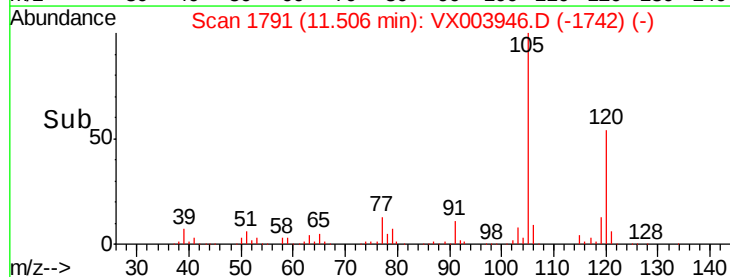
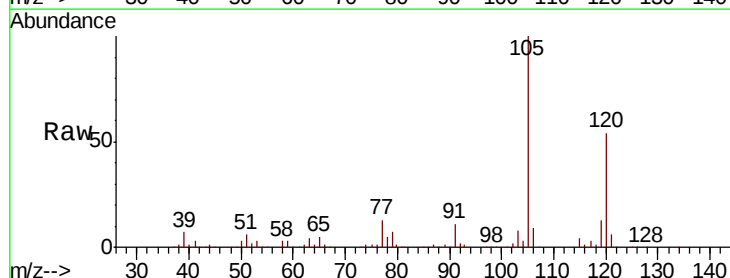
Acq: 09 Aug 2018 13:17

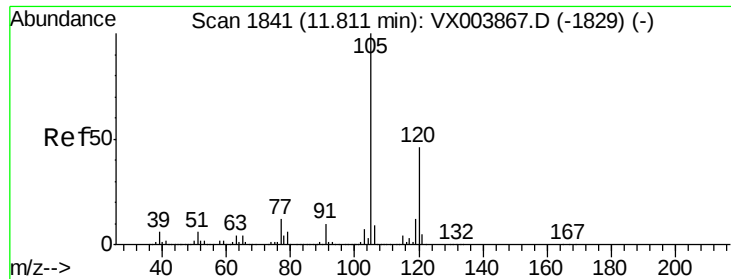
Tgt Ion: 105 Resp: 98587

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.2





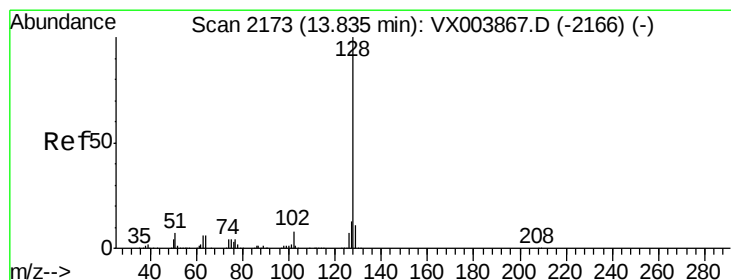
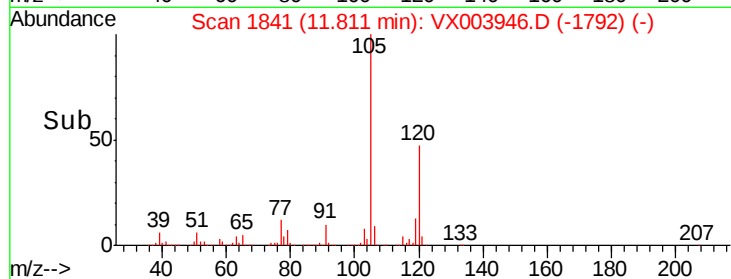
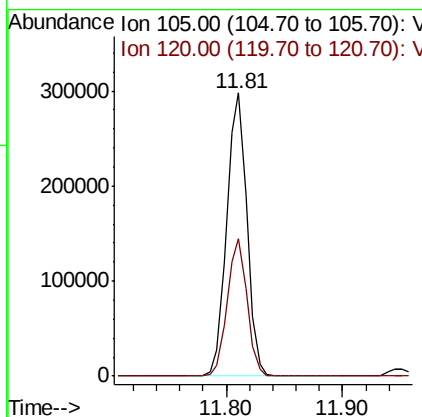
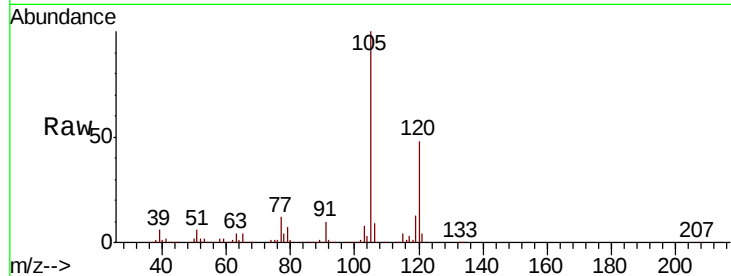
#84
 1,2,4-Trimethylbenzene
 Concen: 21.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.1	69.2

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:17 AM



#95
 Naphthalene
 Concen: 2.25 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VX003946.D
 Acq: 09 Aug 2018 13:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.8	13.2

