

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006702.D
 Acq On : 21 Dec 2018 03:48
 Operator : JC/MD
 Sample : J6517-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:34 AM

Quant Time: Dec 21 10:43:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	625369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	976881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	922895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	451009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	333706	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	5.50	113	289665	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	8.71	98	1190139	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.13	95	439814	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	41900	13.531	ug/l	99
31) Cyclohexane	5.58	56	71810	7.696	ug/l #	91
39) Methylcyclohexane	7.46	83	223965	21.026	ug/l	97
40) Benzene	6.14	78	11828	0.481	ug/l	91
44) Trichloroethene	7.21	130	8675	1.165	ug/l	86
52) Toluene	8.79	92	10096	0.635	ug/l	94
73) Isopropylbenzene	11.02	105	1213335	39.324	ug/l	99
78) n-propylbenzene	11.36	91	5224151	153.756	ug/l	99
83) tert-Butylbenzene	11.77	119	65908	2.591	ug/l	93
85) sec-Butylbenzene	11.94	105	414803	13.301	ug/l #	72
89) n-Butylbenzene	12.39	91	397805m	17.051	ug/l	

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

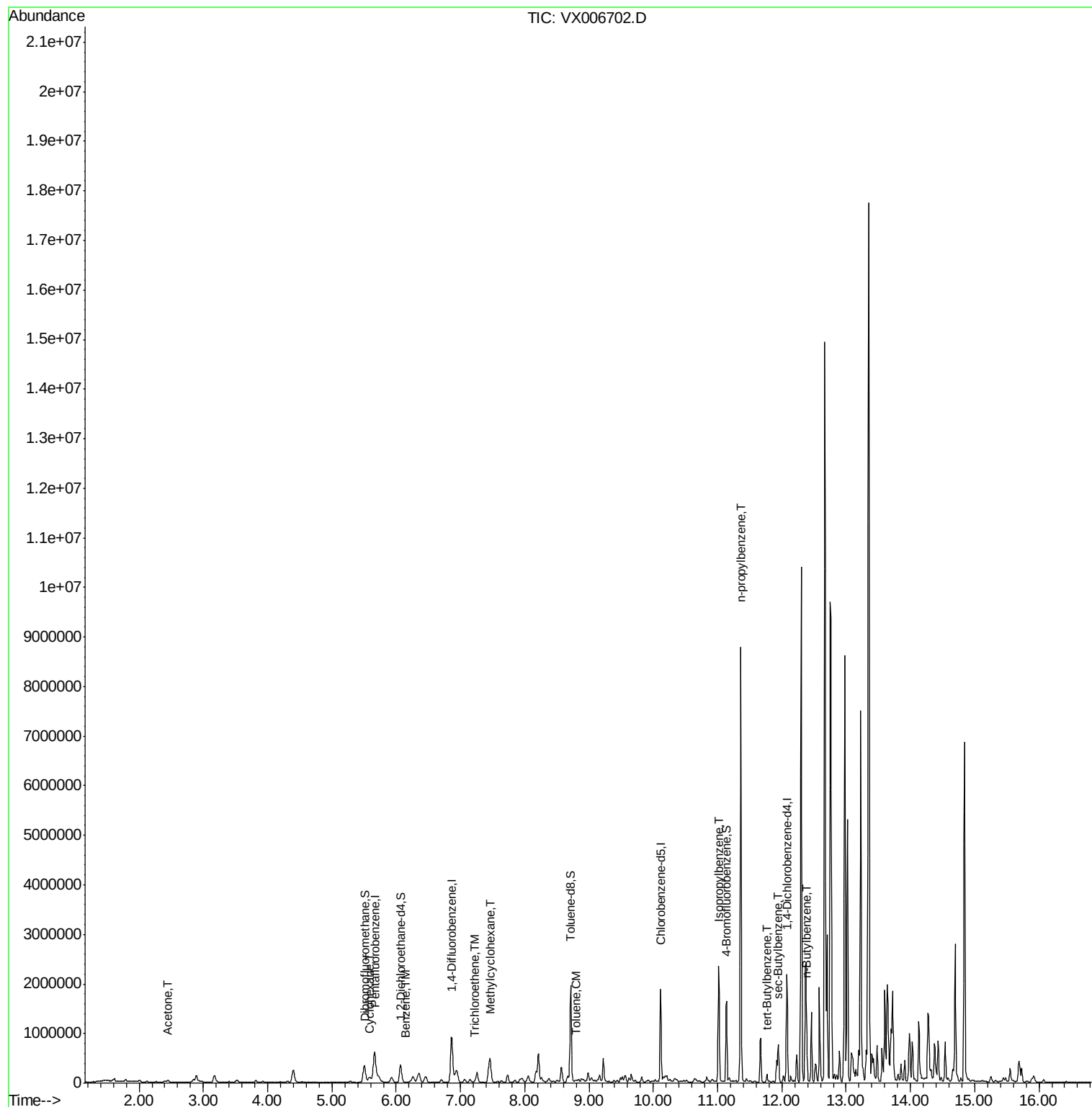
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006702.D
Acq On : 21 Dec 2018 03:48
Operator : JC/MD
Sample : J6517-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

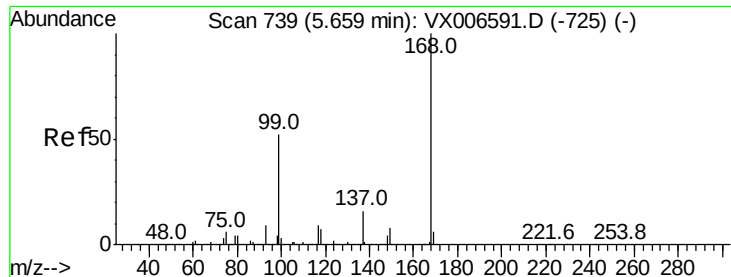
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918

Manual Integrations
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MMDadoda
12/21/2018 10:19:34 AM

Quant Time: Dec 21 10:43:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 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: VX006702.D

Acq: 21 Dec 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918

Tot Ion:168 Resp: 625369

Ion Ratio Lower Upper

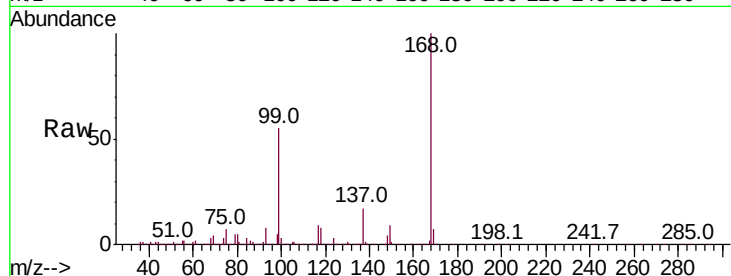
168 100

99 55.0 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

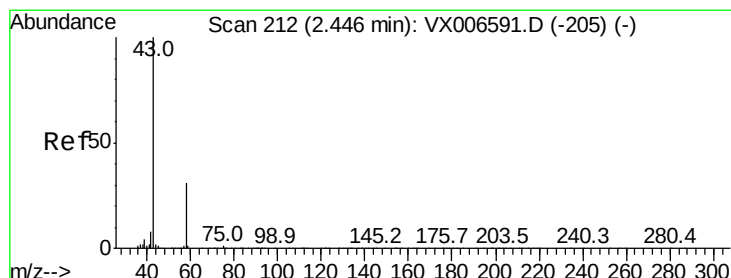
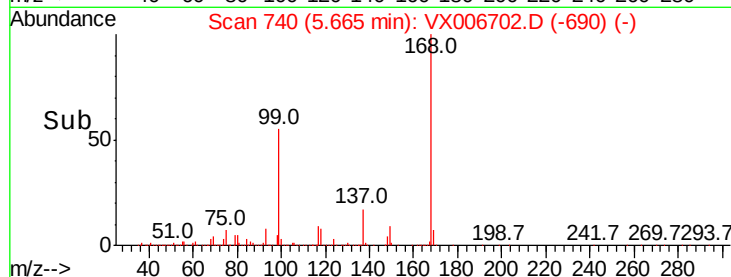
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 13.531 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006702.D

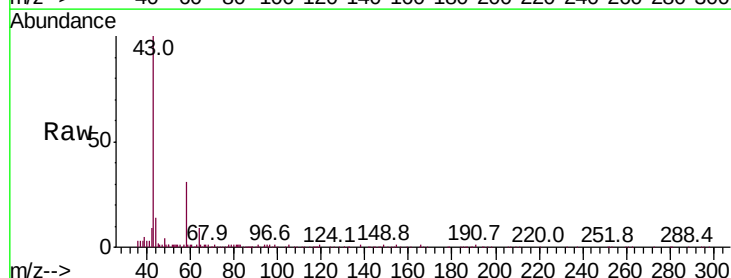
Acq: 21 Dec 2018 03:48

Tgt Ion: 43 Resp: 41900

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

15000

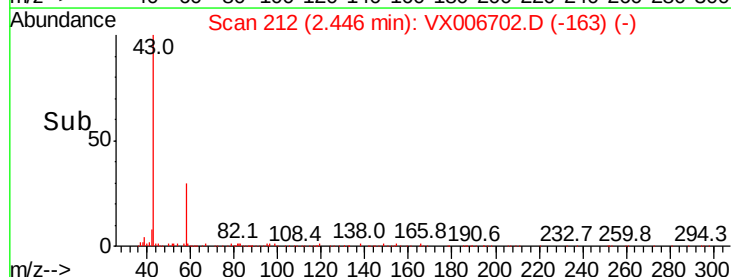
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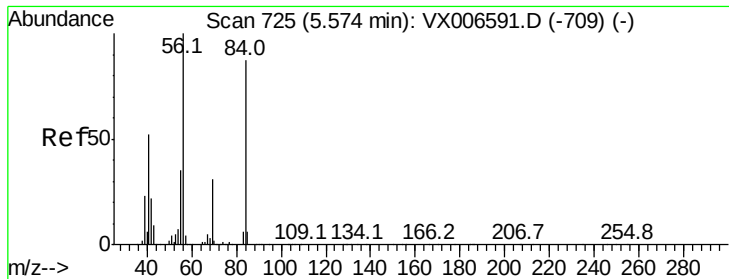
5000

0

2.40 2.45 2.50

Time-->





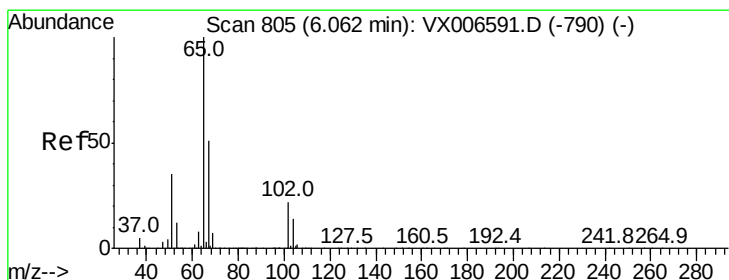
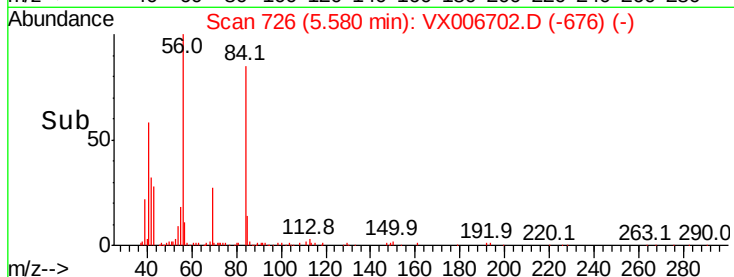
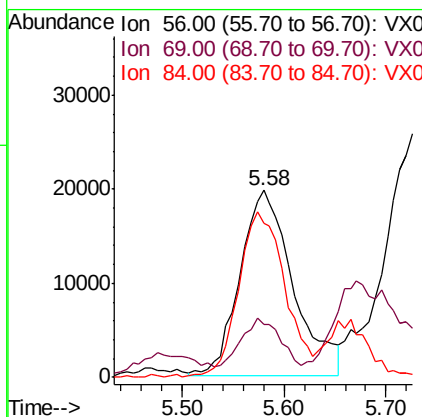
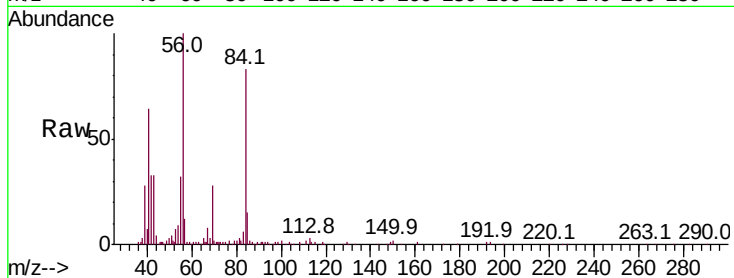
#31
Cyclohexane
Concen: 7.696 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006702.D
Acq: 21 Dec 2018 03:48

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918

Tot Ion	Ratio	Lower	Upper
56	100		
69	18.5	24.4	36.6#
84	84.0	70.0	105.0

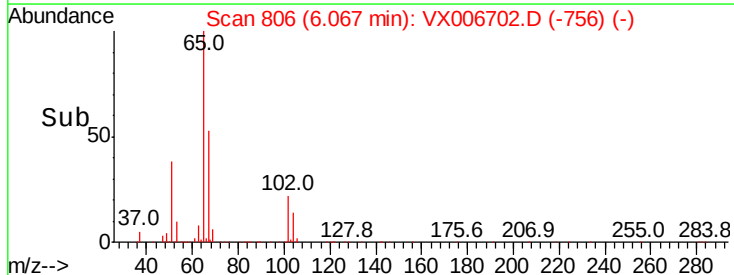
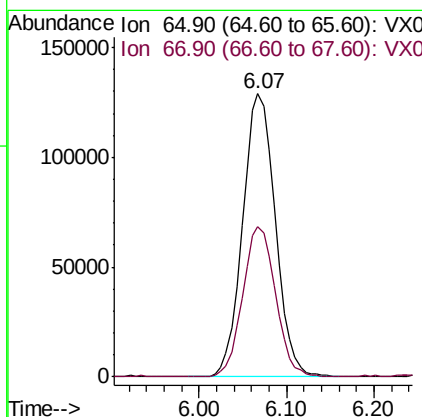
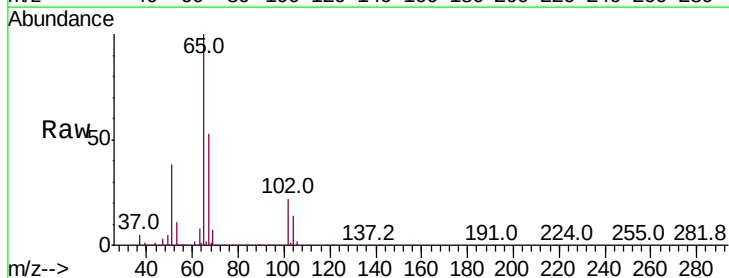
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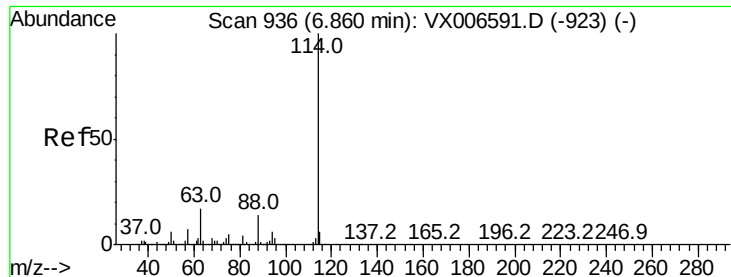
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#33
1,2-Dichloroethane-d4
Concen: 49.512 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006702.D
Acq: 21 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

Instrument :

MSVOA_X

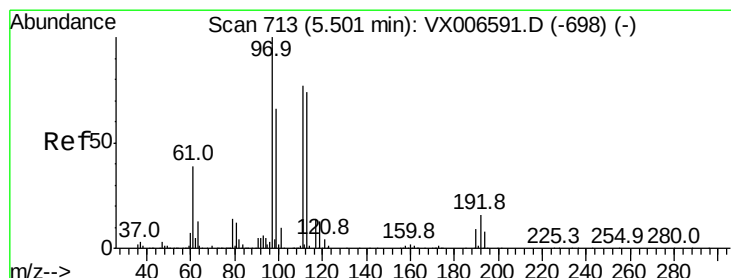
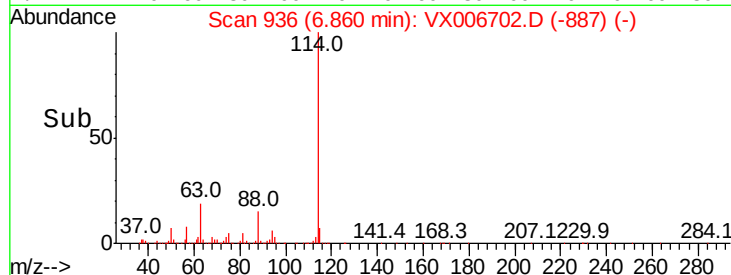
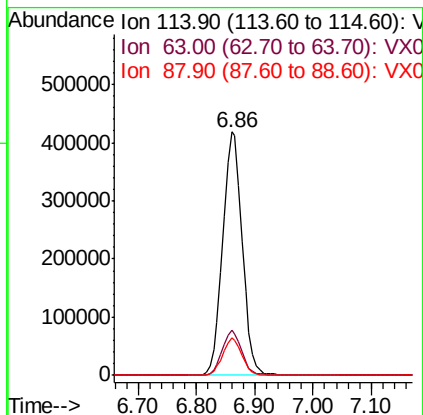
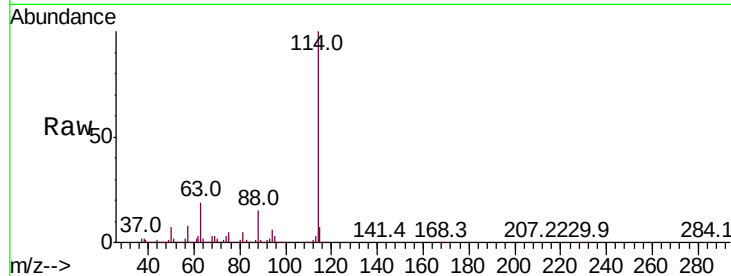
ClientSampleId :

T3-MW-2-9.0-121918

Tot Ion:	114	Resp:	976881
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	34.8
88	15.3	0.0	28.8

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#35

Dibromofluoromethane

Concen: 46.889 ug/l

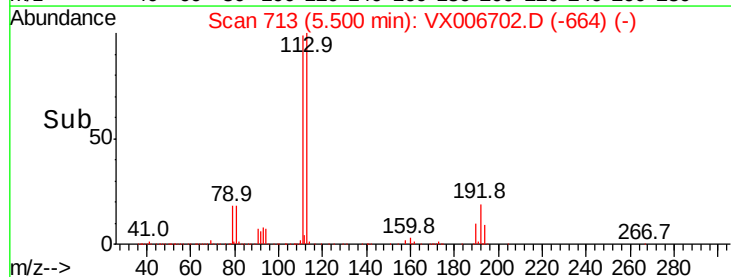
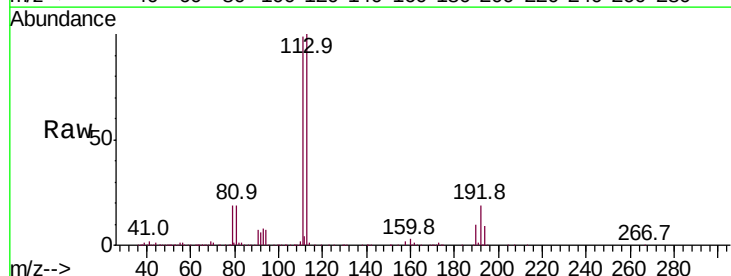
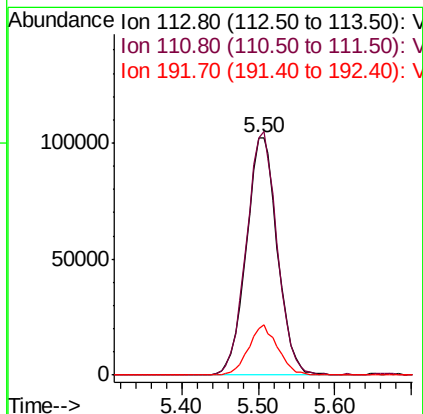
RT: 5.50 min Scan# 713

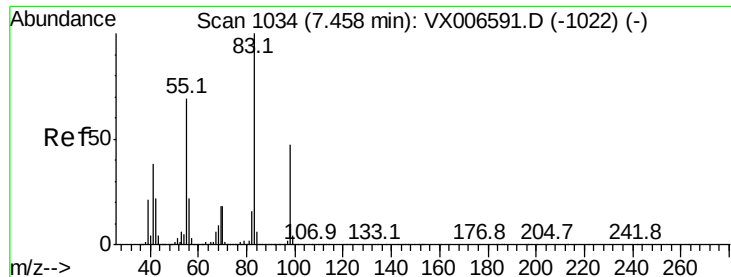
Delta R.T. -0.00 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

Tgt Ion:	113	Resp:	289665
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.6	122.4
192	19.9	16.7	25.1





#39

Methylcyclohexane

Concen: 21.026 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

Instrument :

MSVOA_X

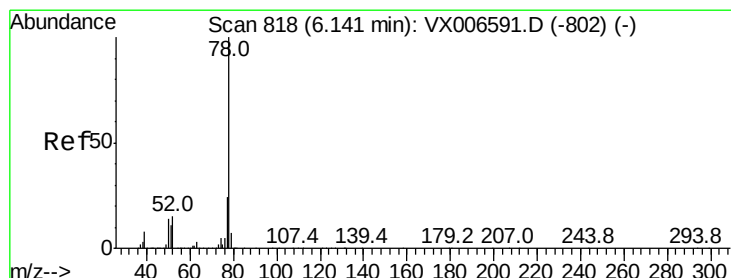
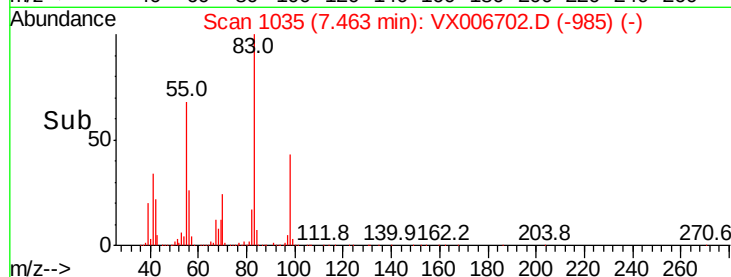
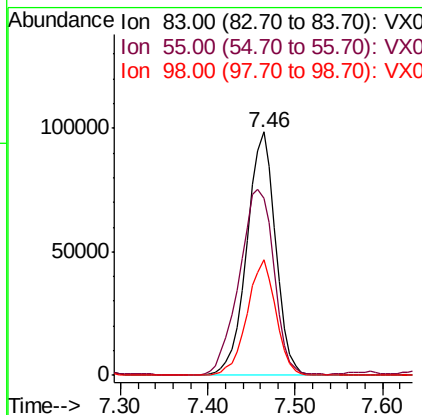
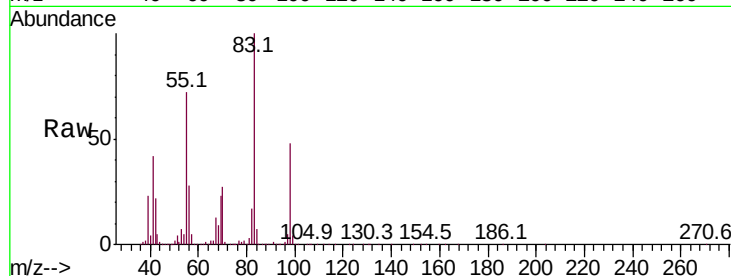
ClientSampleId :

T3-MW-2-9.0-121918

Tot Ion:	83	Resp:	223965
Ion Ratio	Lower	Upper	
83	100		
55	72.4	54.9	82.3
98	47.5	37.9	56.9

Manual Integrations
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#40

Benzene

Concen: 0.481 ug/l

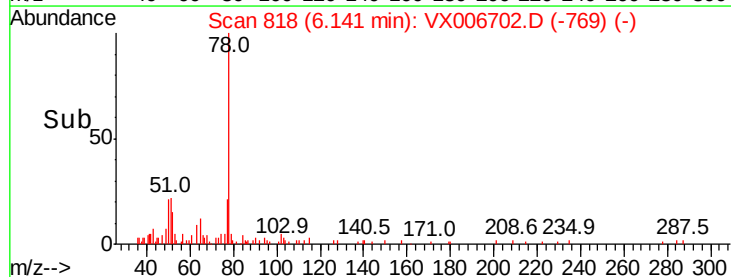
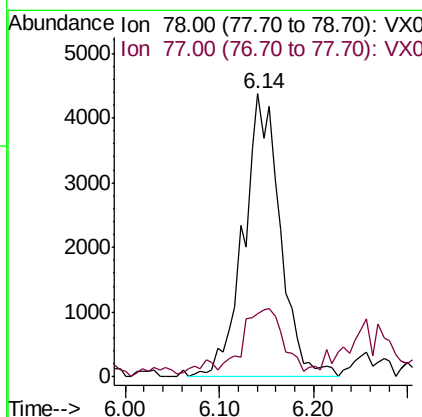
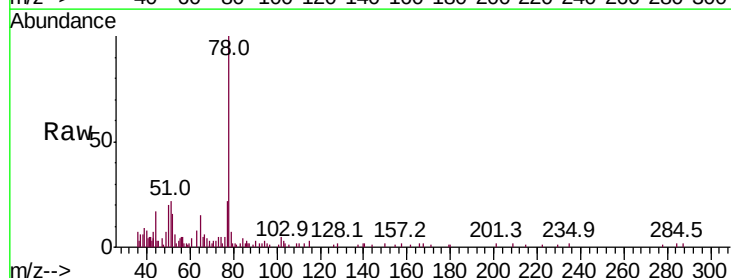
RT: 6.14 min Scan# 818

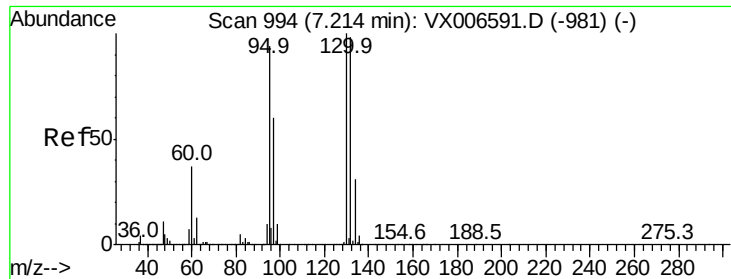
Delta R.T. -0.00 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

Tgt Ion:	78	Resp:	11828
Ion Ratio	Lower	Upper	
78	100		
77	19.8	19.2	28.8





#44

Trichloroethene

Concen: 1.165 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918

Tot Ion:130 Resp: 8675

Ion Ratio Lower Upper

130 100

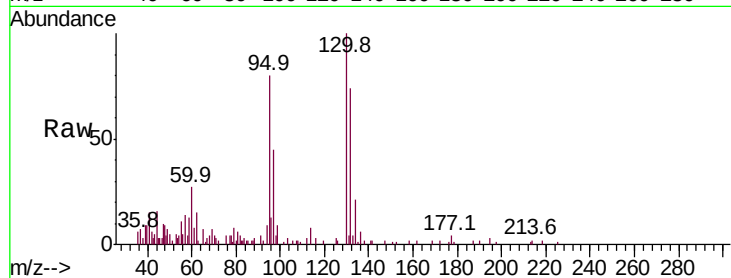
95 79.7 0.0 187.0

Manual Integrations

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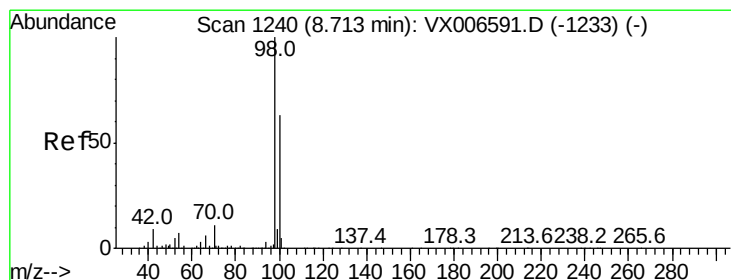
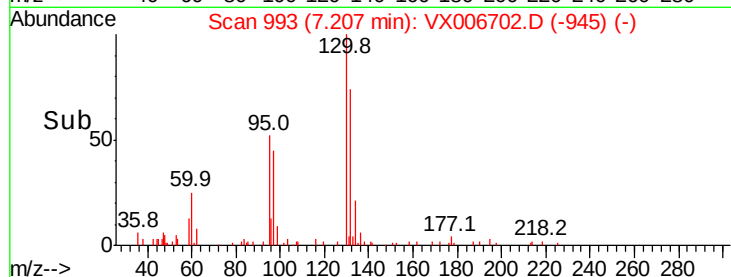
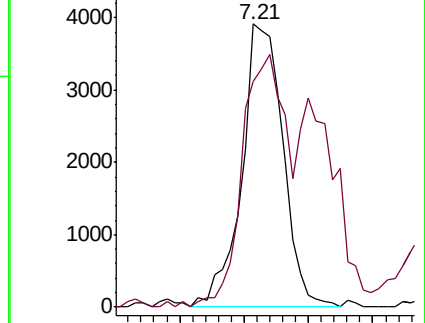
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.101 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006702.D

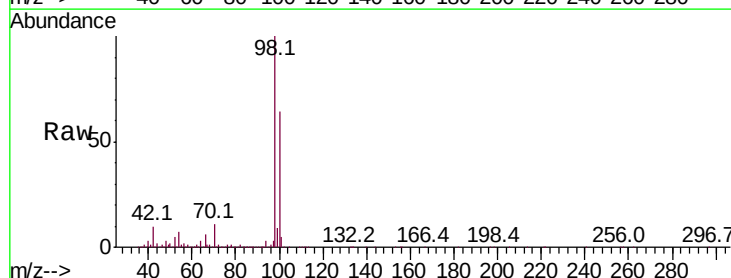
Acq: 21 Dec 2018 03:48

Tgt Ion: 98 Resp: 1190139

Ion Ratio Lower Upper

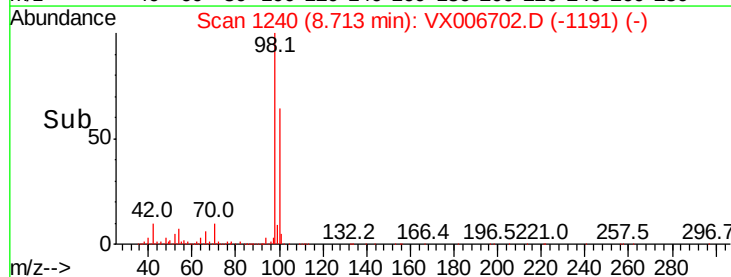
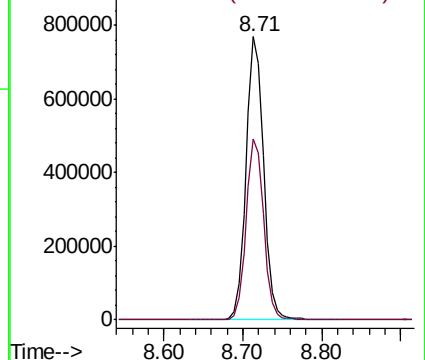
98 100

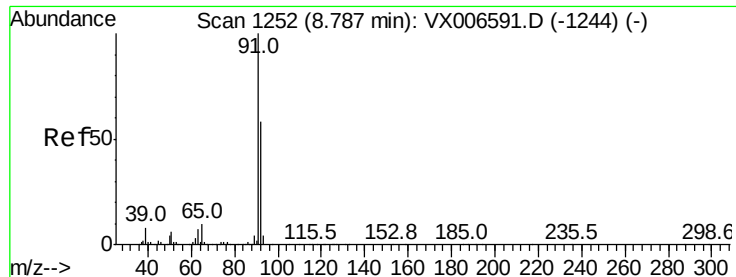
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.635 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918

Tot Ion: 92 Resp: 10096

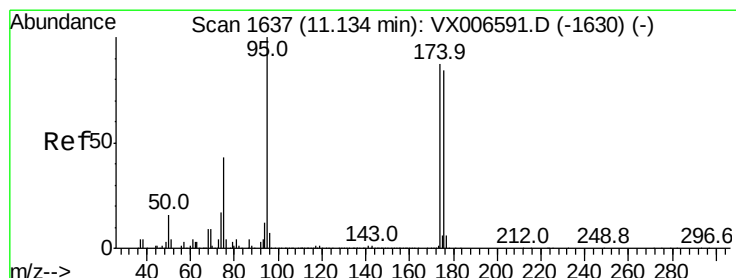
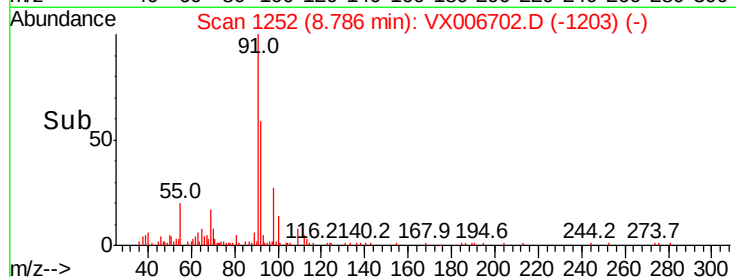
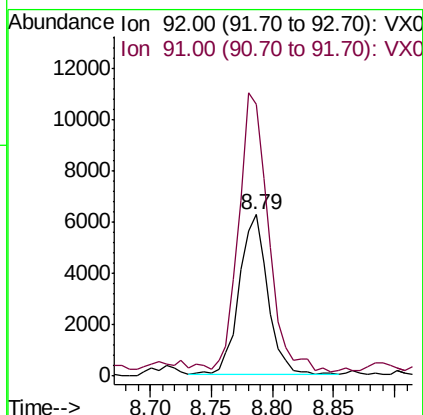
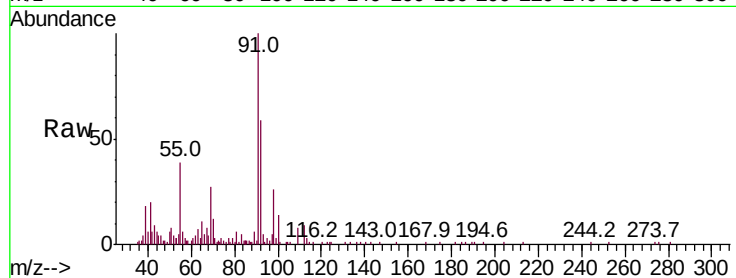
Ion Ratio Lower Upper

92 100

91 180.8 137.6 206.4

Manual Integrations
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12/21/2018 10:19:34 AM



#62

4-Bromofluorobenzene

Concen: 51.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

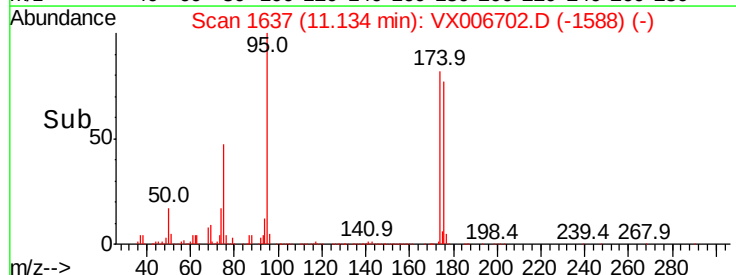
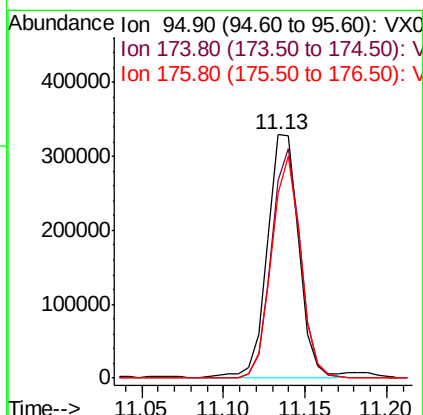
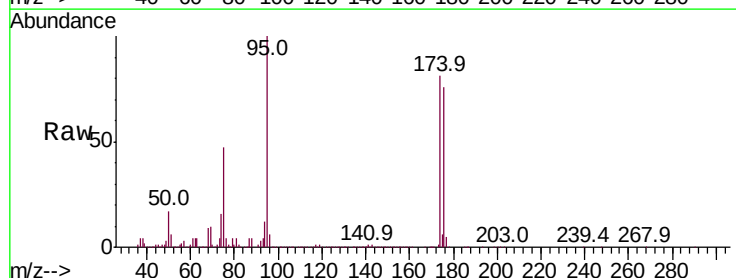
Tgt Ion: 95 Resp: 439814

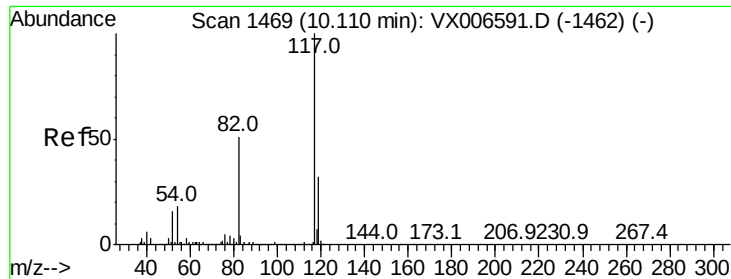
Ion Ratio Lower Upper

95 100

174 87.7 0.0 182.2

176 84.9 0.0 178.8





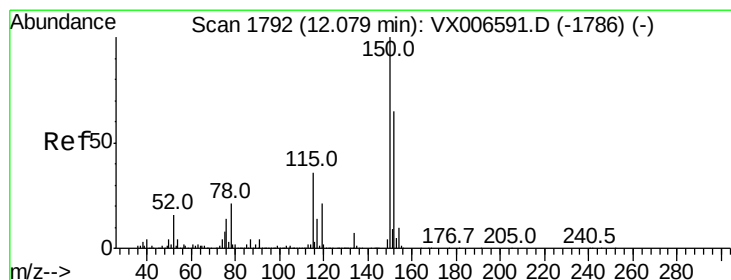
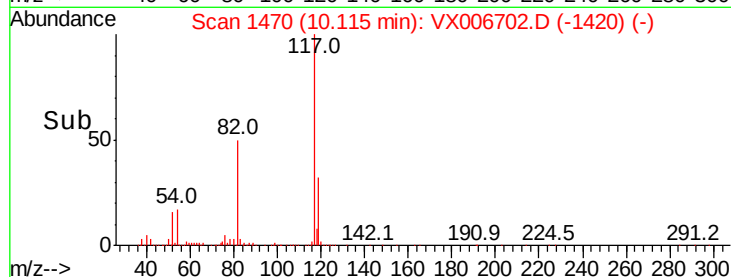
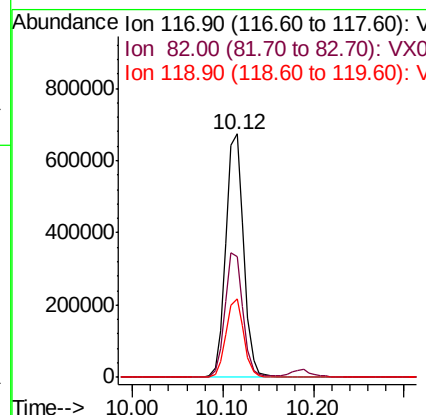
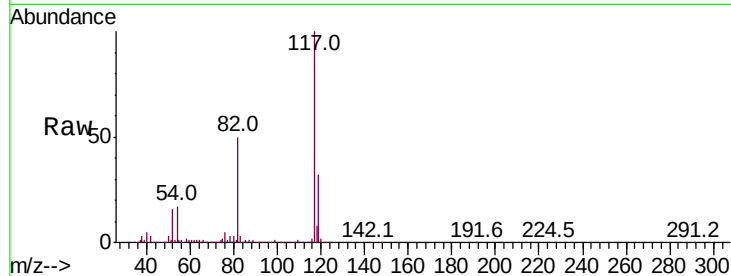
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006702.D
Acq: 21 Dec 2018 03:48

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918

Tot Ion	Ratio	Resp	Lower	Upper
117	100	922895		
82	49.7		41.0	61.6
119	32.0		25.4	38.0

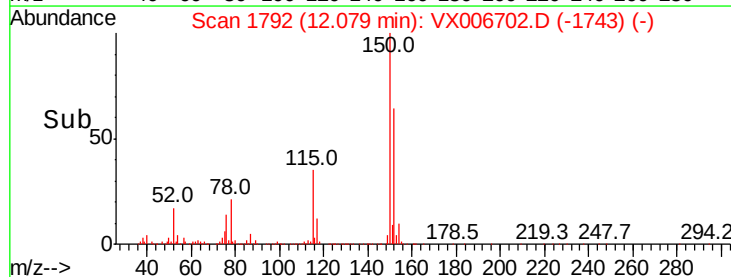
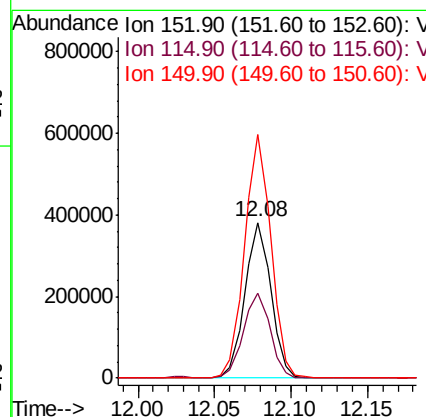
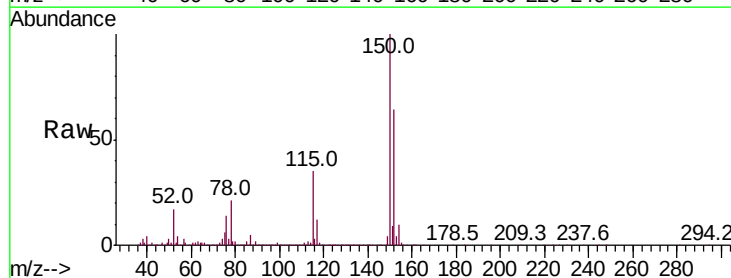
Manual Integrations
APPROVED

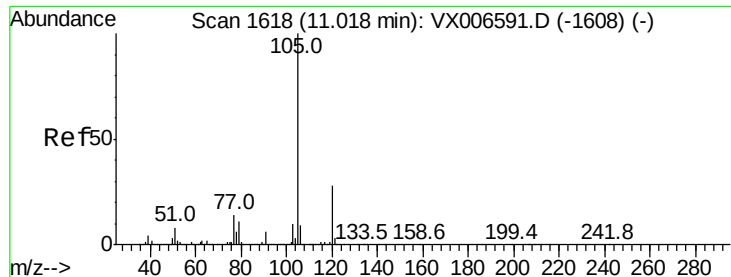
MMDadoda
12/21/2018 10:19:34 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006702.D
Acq: 21 Dec 2018 03:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	451009		
115	55.5		39.1	117.2
150	157.4		0.0	344.8





#73

Isopropylbenzene

Concen: 39.324 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006702.D

Acq: 21 Dec 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918

Tot Ion:105 Resp: 1213335

Ion Ratio Lower Upper

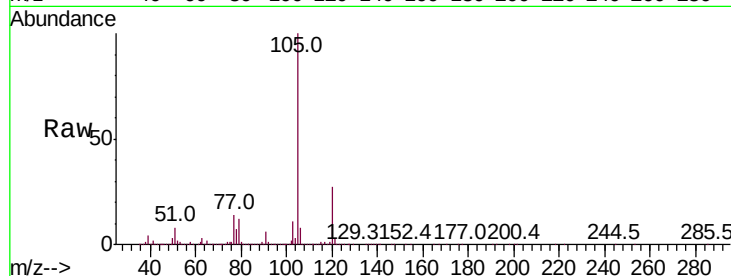
105 100

120 27.5 14.1 42.4

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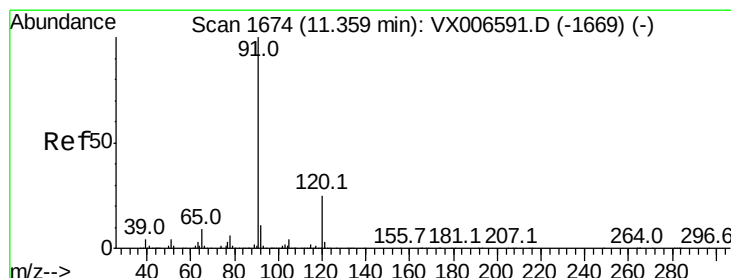
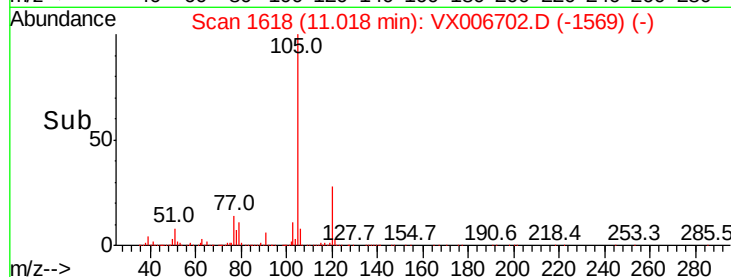
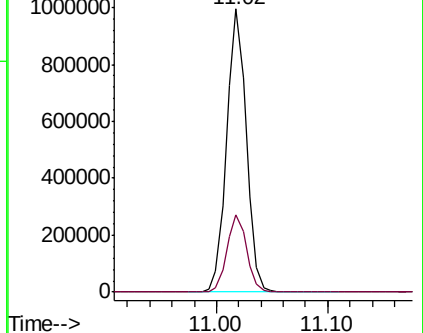
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 153.756 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006702.D

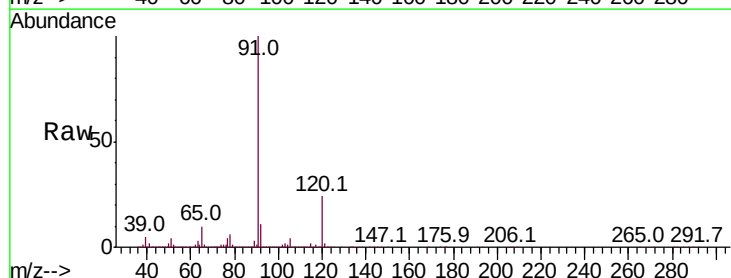
Acq: 21 Dec 2018 03:48

Tgt Ion: 91 Resp: 5224151

Ion Ratio Lower Upper

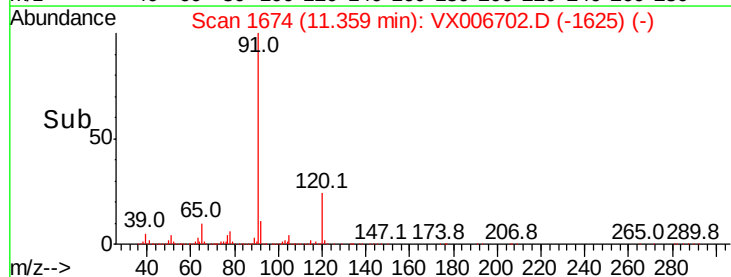
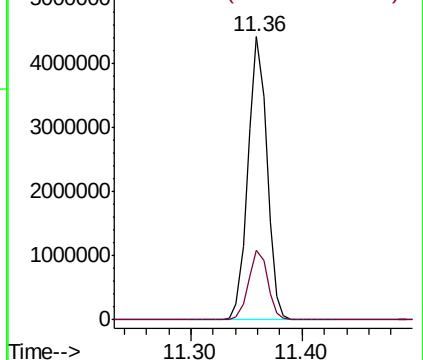
91 100

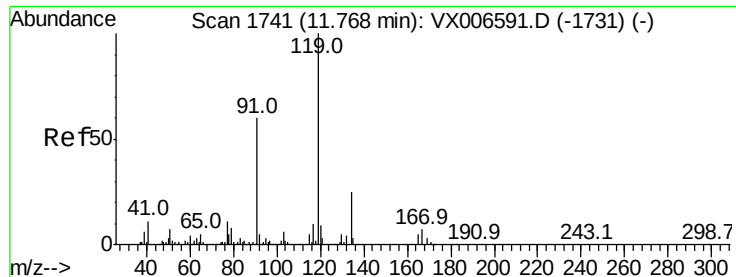
120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





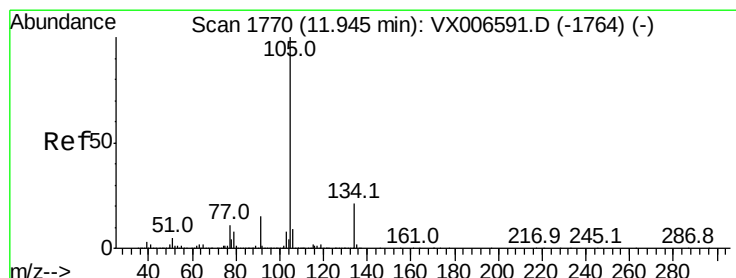
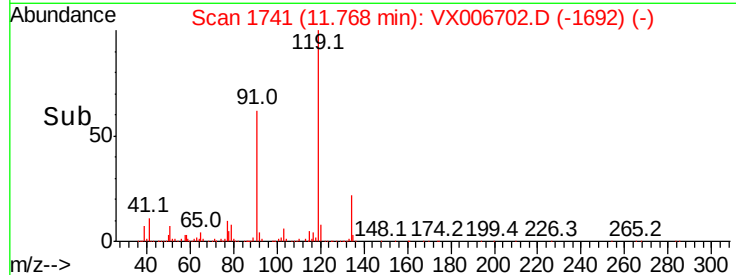
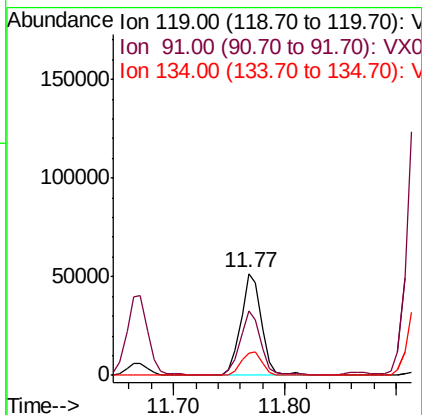
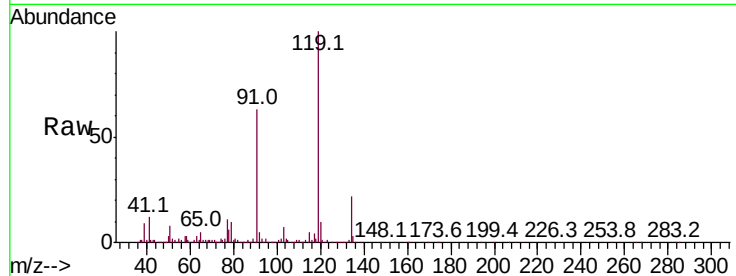
#83
tert-Butylbenzene
Concen: 2.591 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006702.D
Acq: 21 Dec 2018 03:48

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918

Tot Ion	Ratio	Resp	Lower	Upper
119	100	65908		
91	62.1		27.7	83.1
134	24.0		11.9	35.5

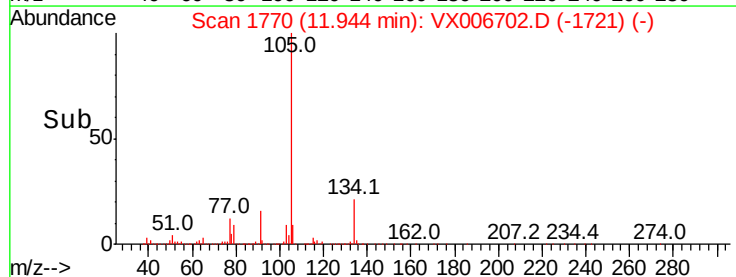
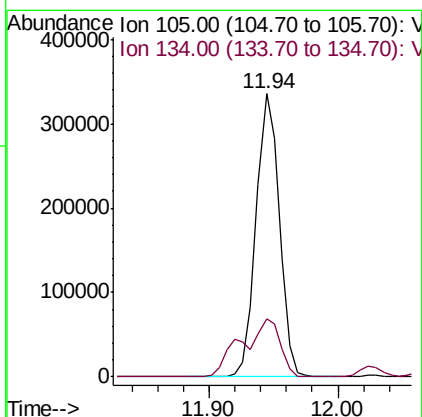
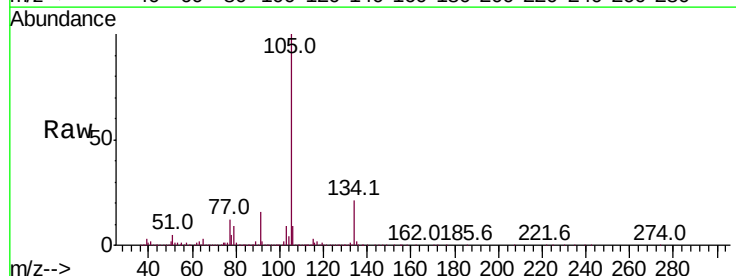
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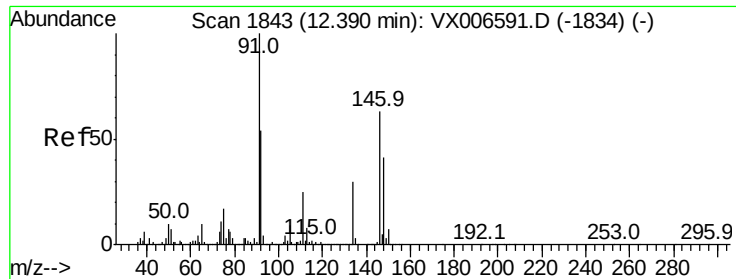
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#85
sec-Butylbenzene
Concen: 13.301 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006702.D
Acq: 21 Dec 2018 03:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	414803		
134	34.5		10.7	31.9#





#89
 n-Butylbenzene
 Concen: 17.051 ug/l m
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006702.D
 Acq: 21 Dec 2018 03:48

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.8	80.4
134	110.8	14.4	43.2#

Manual Integrations
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