

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006706.D
 Acq On : 21 Dec 2018 05:35
 Operator : JC/MD
 Sample : J6517-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-121918

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:42 AM

Quant Time: Dec 21 08:14:41 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	676711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1042821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	947865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	352605	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.51	113	310440	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	1238410	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.14	95	446350	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	17187	5.129	ug/l	93
31) Cyclohexane	5.57	56	38769	3.840	ug/l	95
39) Methylcyclohexane	7.46	83	95606	8.408	ug/l	92
40) Benzene	6.15	78	8837	0.337	ug/l #	90
52) Toluene	8.79	92	6201	0.366	ug/l	88
67) Ethyl Benzene	10.25	91	9398	0.287	ug/l	100
68) m/p-Xylenes	10.36	106	6517	0.504	ug/l	99
69) o-Xylene	10.70	106	3962	0.310	ug/l	97
73) Isopropylbenzene	11.02	105	581305	18.507	ug/l	99
78) n-propylbenzene	11.36	91	1984349	57.369	ug/l	98
83) tert-Butylbenzene	11.77	119	76429	2.952	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	6970m	0.256	ug/l	
85) sec-Butylbenzene	11.94	105	627005	19.750	ug/l	97
89) n-Butylbenzene	12.39	91	409629	17.248	ug/l #	83

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

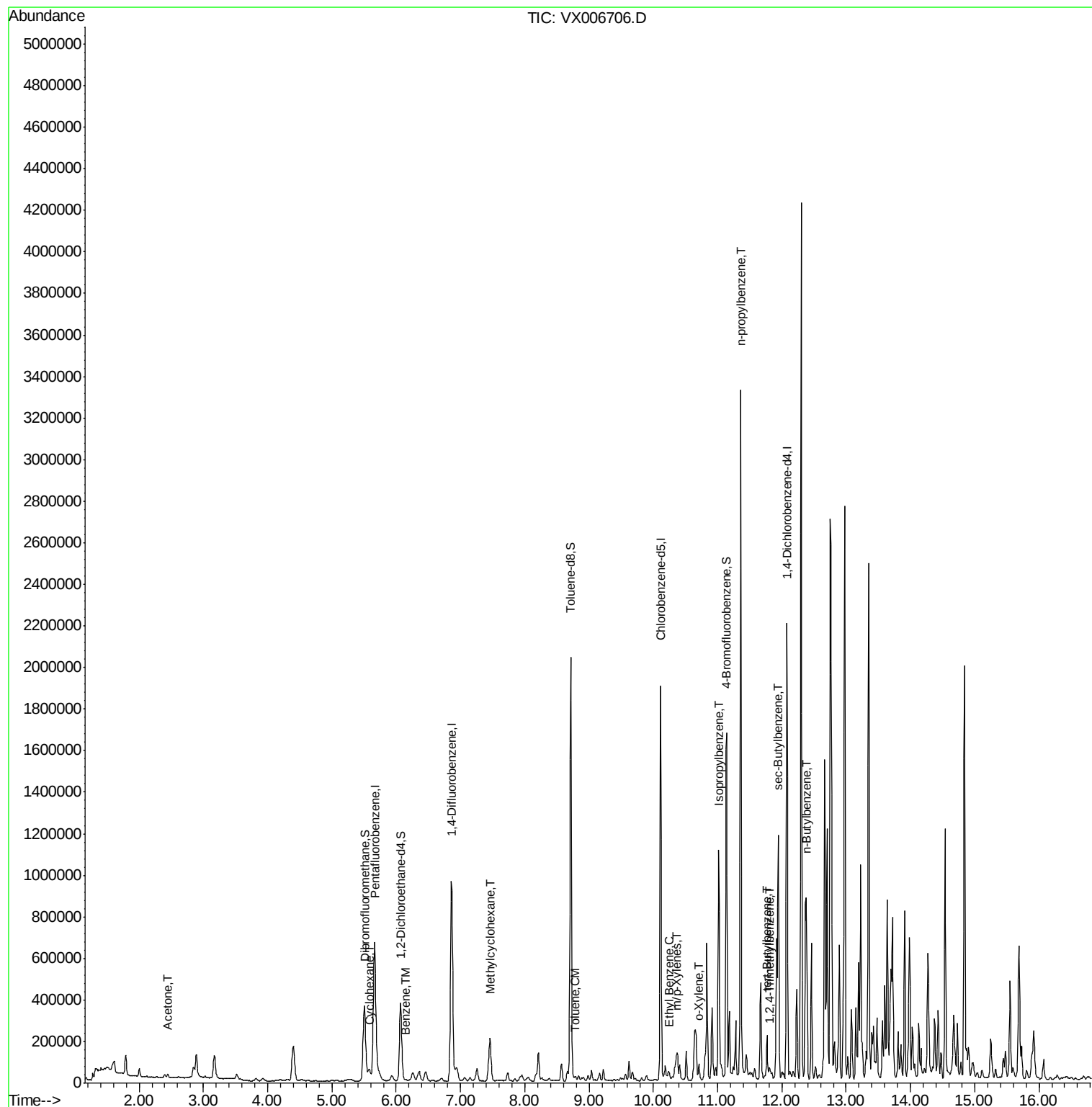
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
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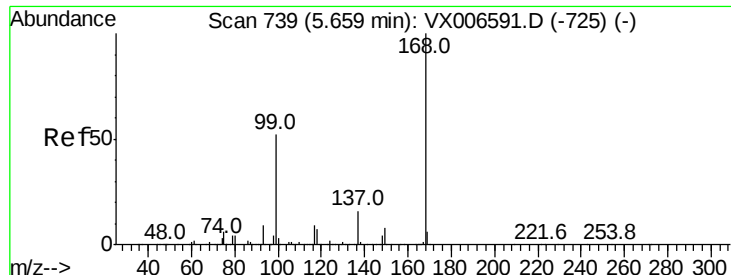
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-121918

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-121918

Tot Ion:168 Resp: 676711

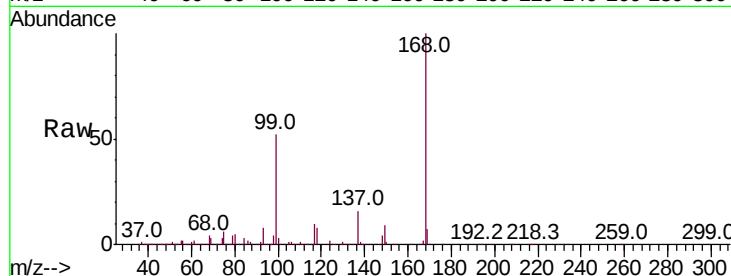
Ion Ratio Lower Upper

168 100

99 51.8 41.8 62.8

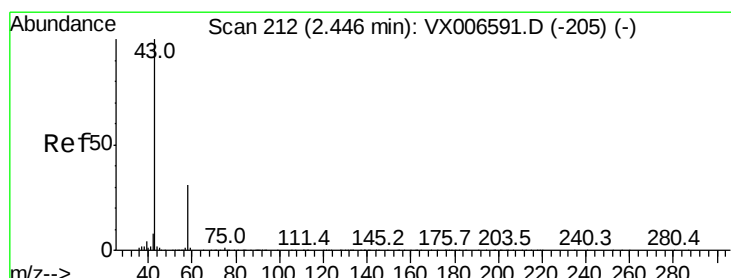
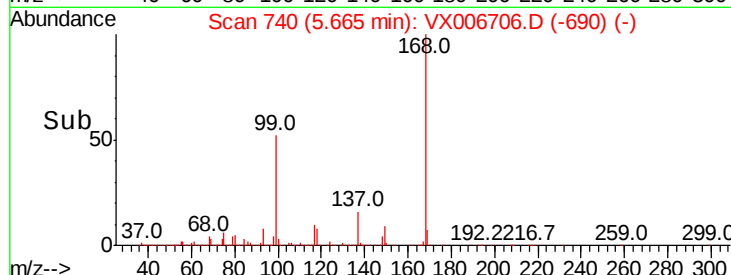
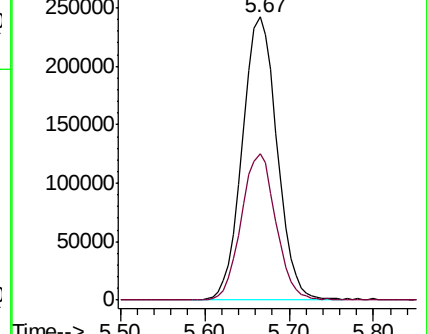
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.129 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006706.D

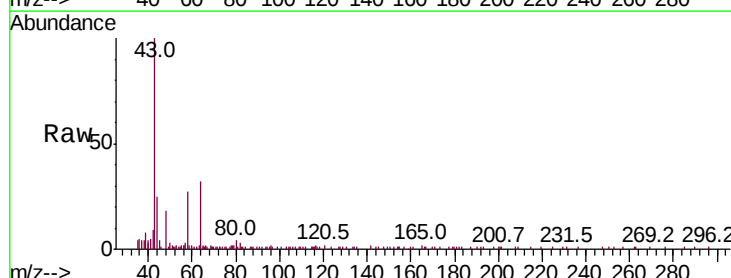
Acq: 21 Dec 2018 05:35

Tgt Ion: 43 Resp: 17187

Ion Ratio Lower Upper

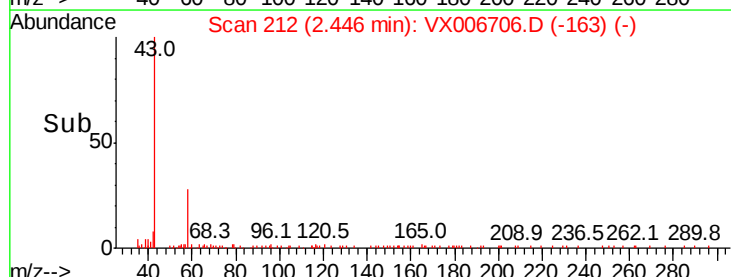
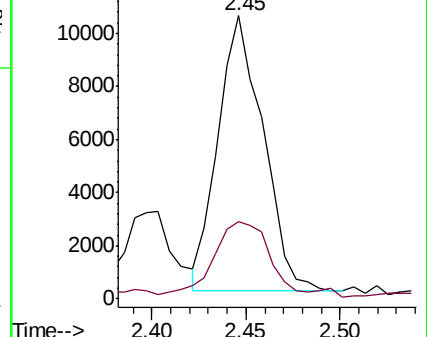
43 100

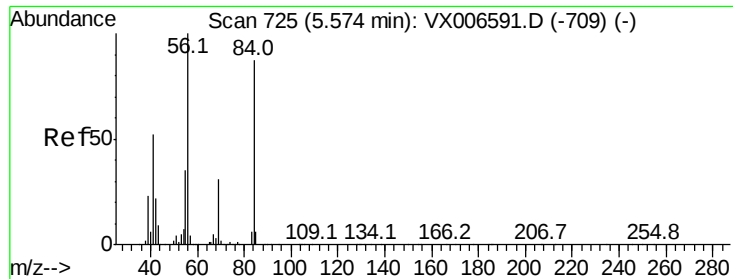
58 27.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





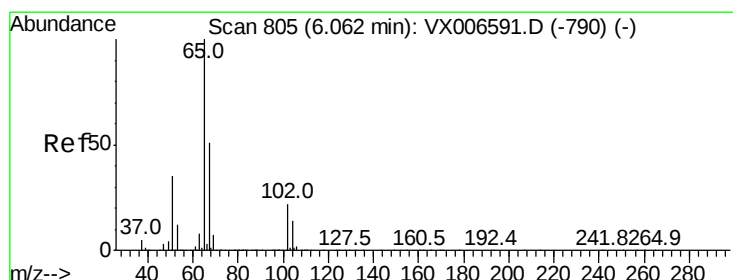
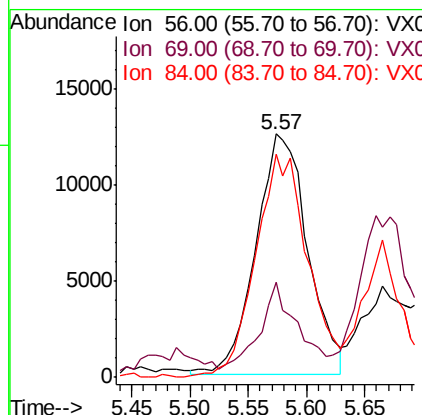
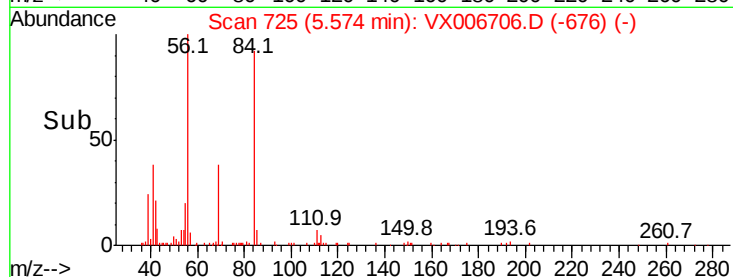
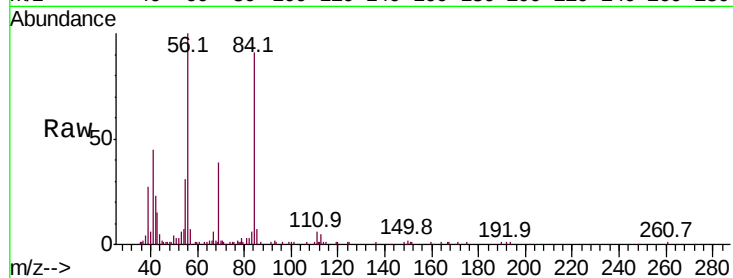
#31
Cyclohexane
Concen: 3.840 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-121918

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.4	36.6
84	93.3	70.0	105.0

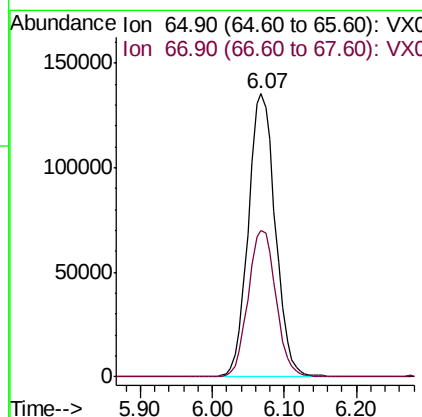
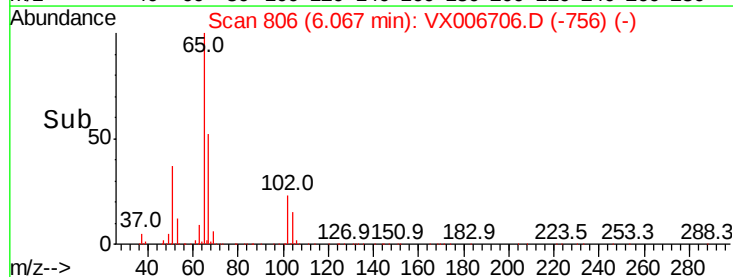
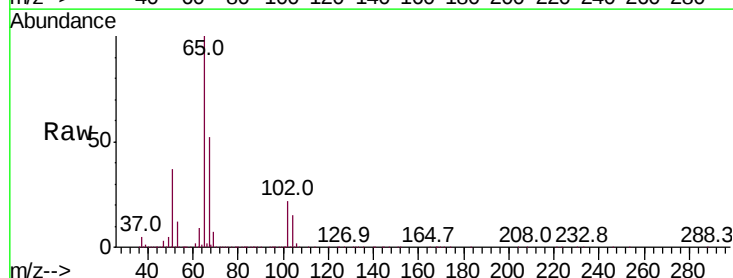
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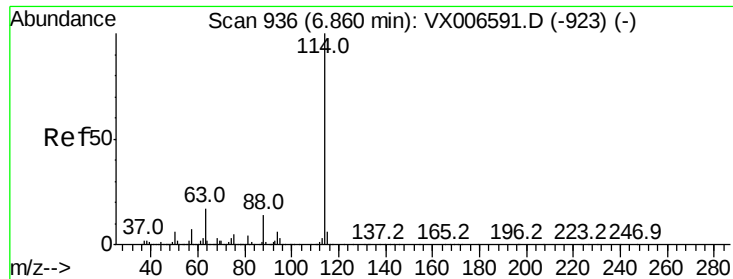
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#33
1,2-Dichloroethane-d4
Concen: 48.346 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

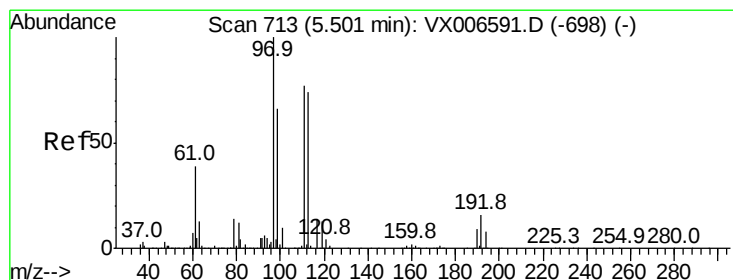
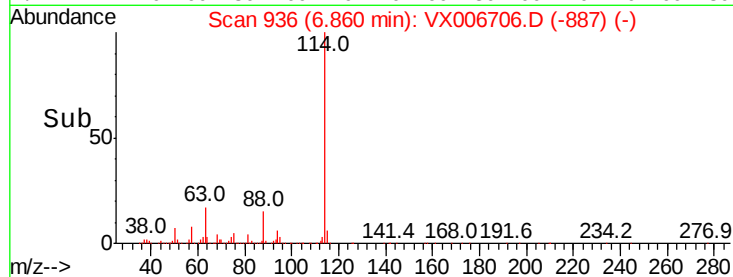
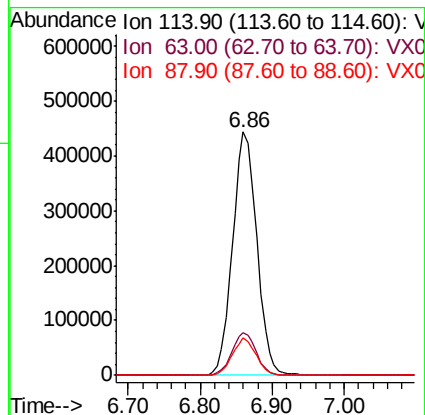
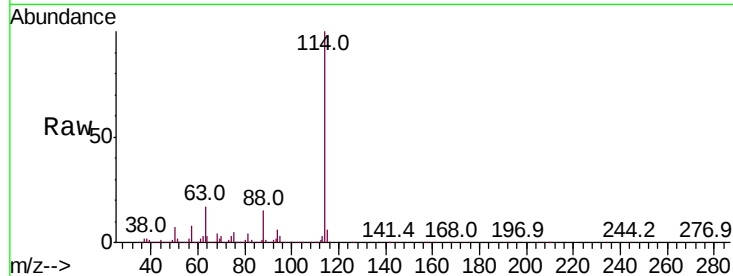
ClientSampleId :

T3-MW-3-9.0-121918

Tot Ion:	114	Resp:	1042821
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	34.8
88	15.4	0.0	28.8

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#35

Dibromofluoromethane

Concen: 47.075 ug/l

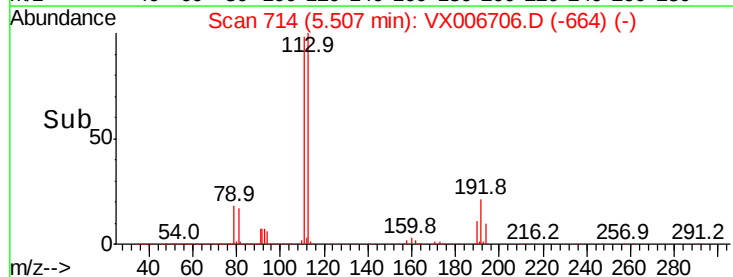
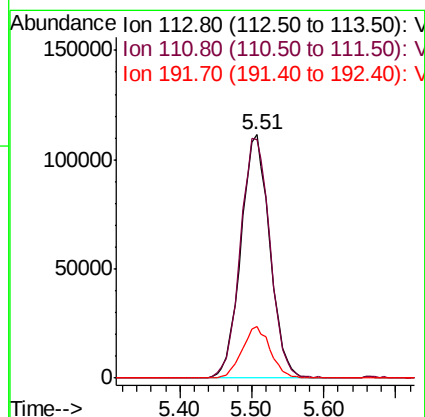
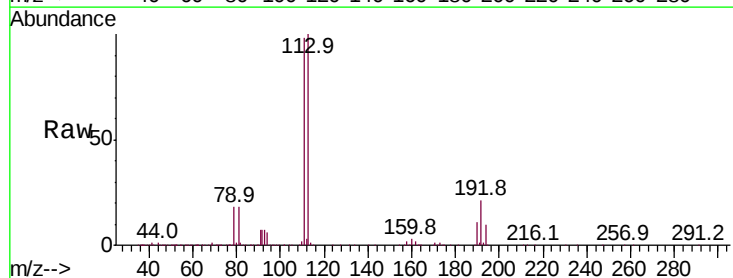
RT: 5.51 min Scan# 714

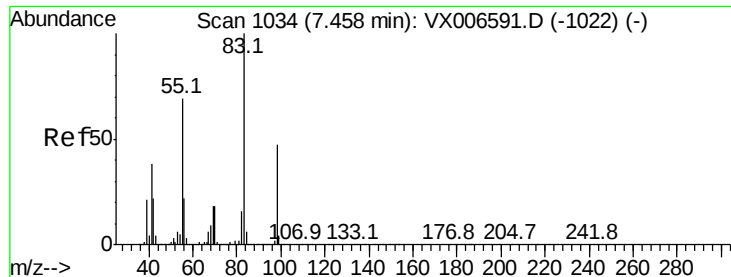
Delta R.T. 0.01 min

Lab File: VX006706.D

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Tgt Ion:	113	Resp:	310440
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.6	122.4
192	20.7	16.7	25.1





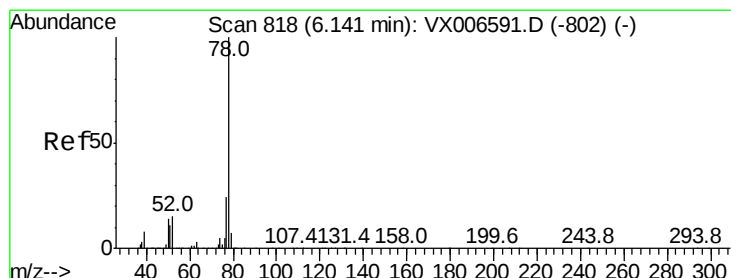
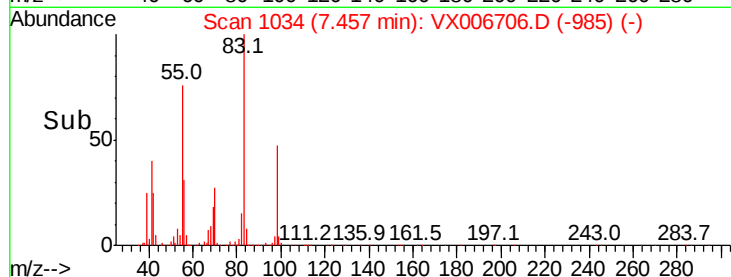
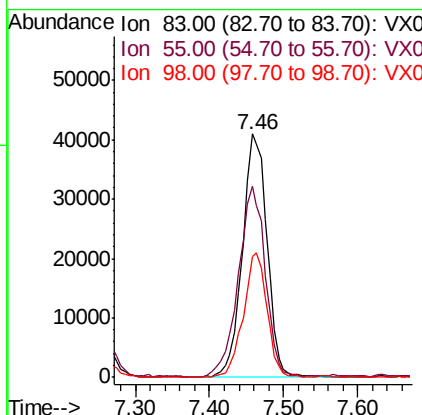
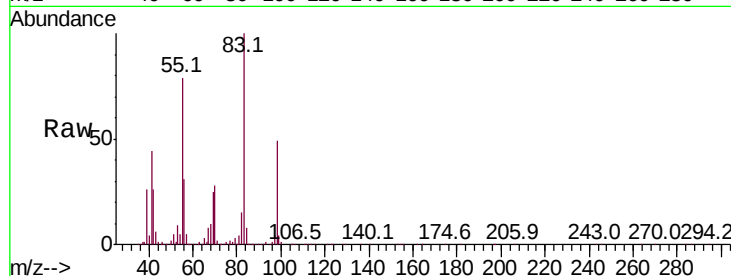
#39
Methvlcvclohexane
Concen: 8.408 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-121918

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	54.9	82.3
98	49.4	37.9	56.9

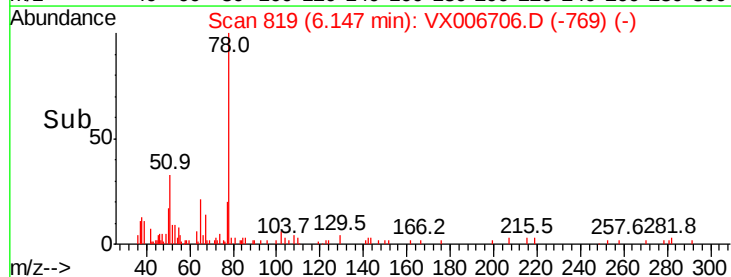
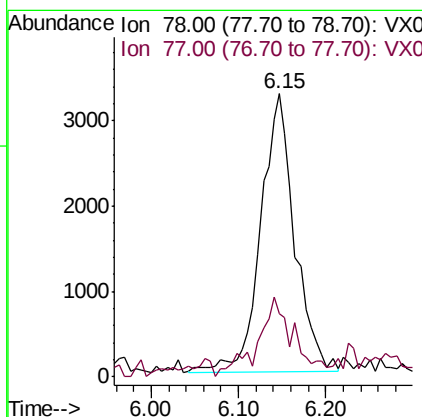
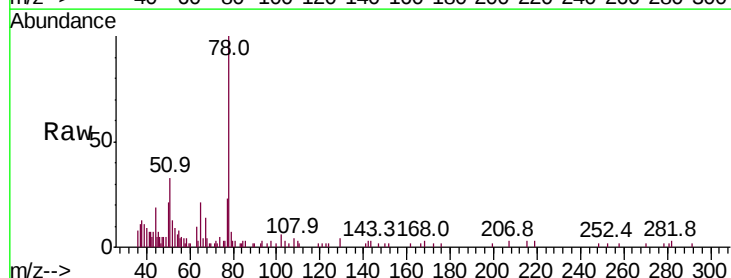
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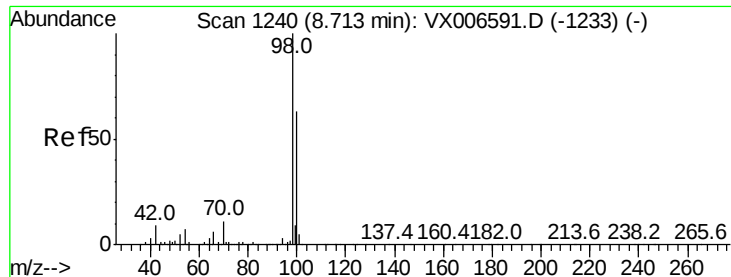
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#40
Benzene
Concen: 0.337 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.1	19.2	28.8#





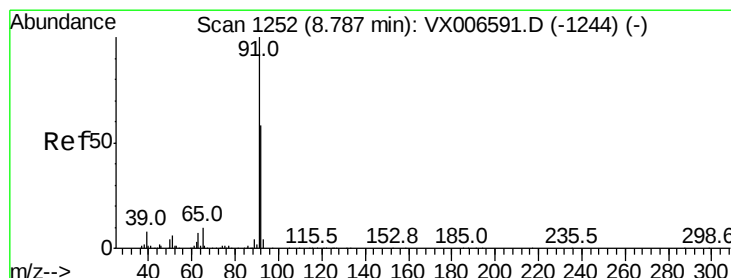
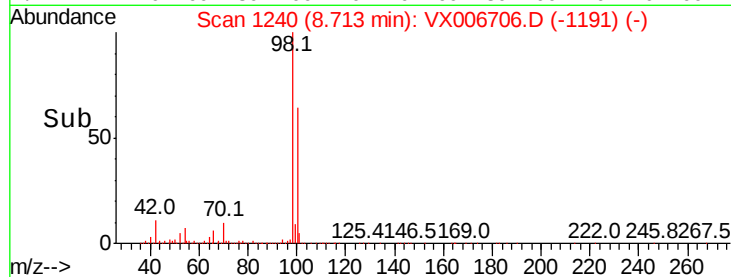
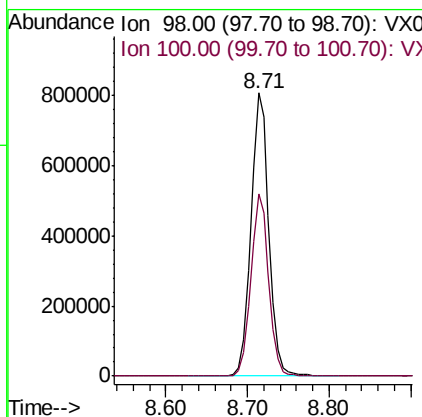
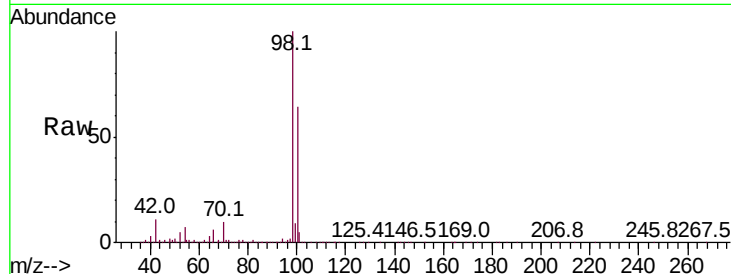
#50
Toluene-d8
Concen: 49.812 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-121918

Tot Ion: 98 Resp: 1238410
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

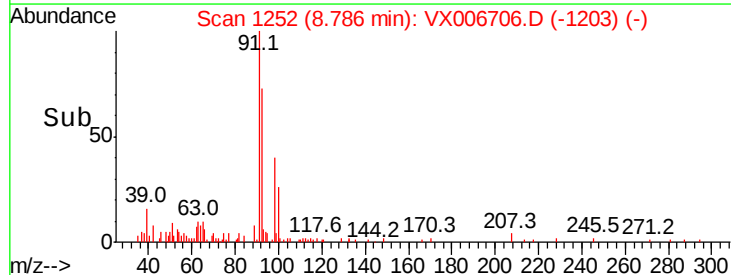
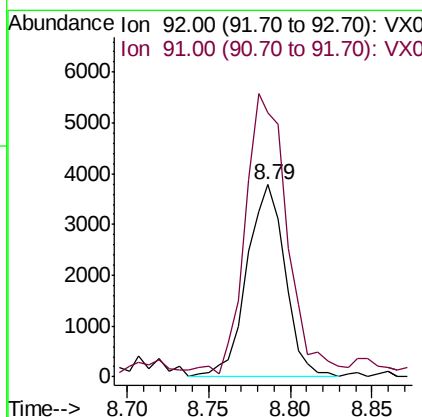
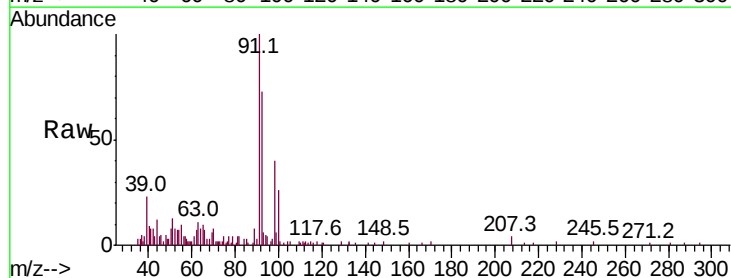
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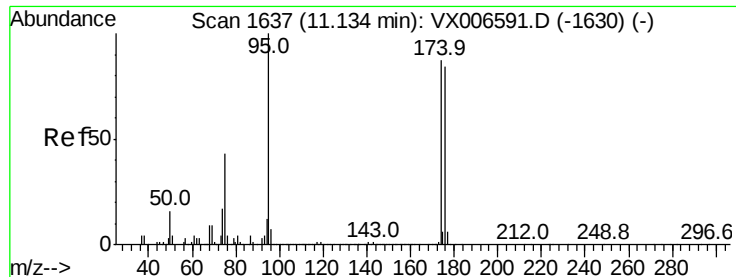
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#52
Toluene
Concen: 0.366 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion: 92 Resp: 6201
Ion Ratio Lower Upper
92 100
91 154.8 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 49.020 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

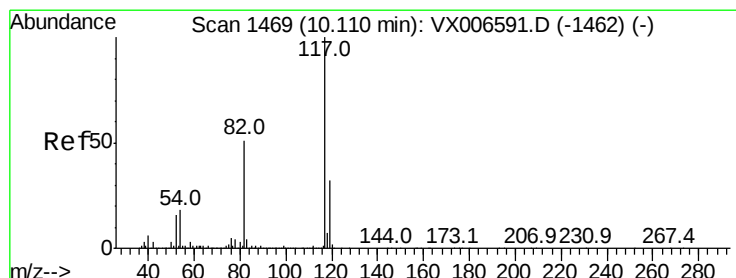
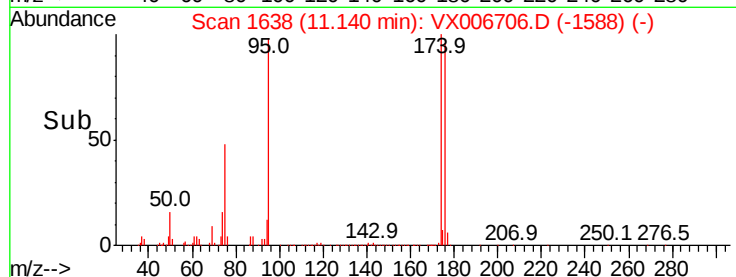
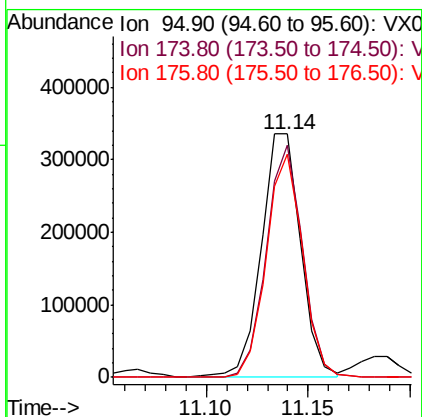
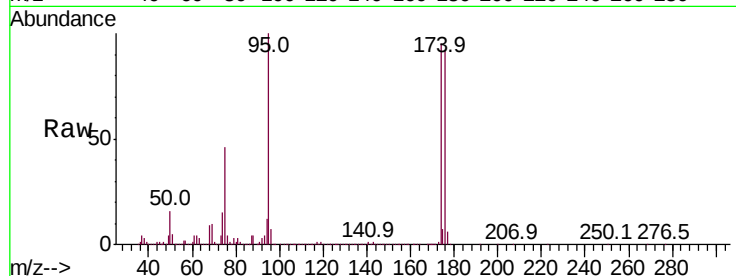
ClientSampleId :

T3-MW-3-9.0-121918

Tot Ion:	95	Resp:	446350
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	182.2
176	85.8	0.0	178.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

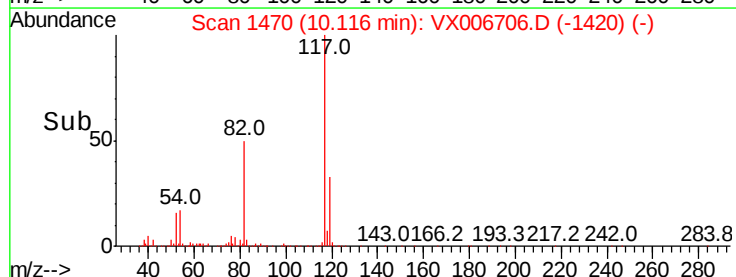
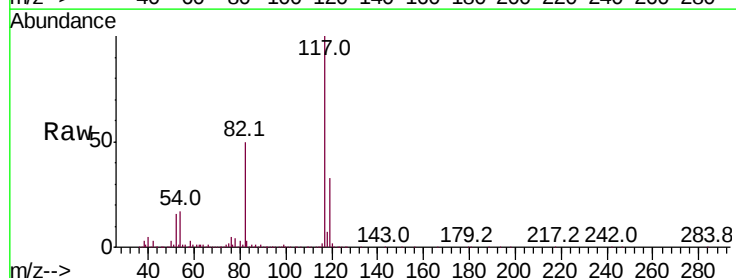
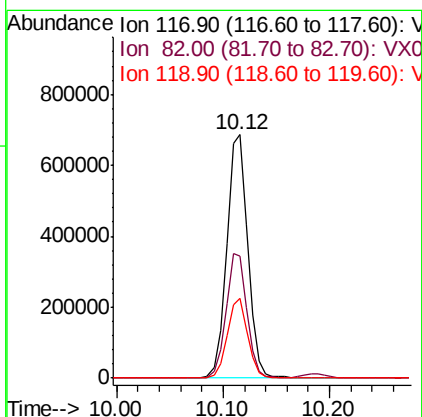
RT: 10.12 min Scan# 1470

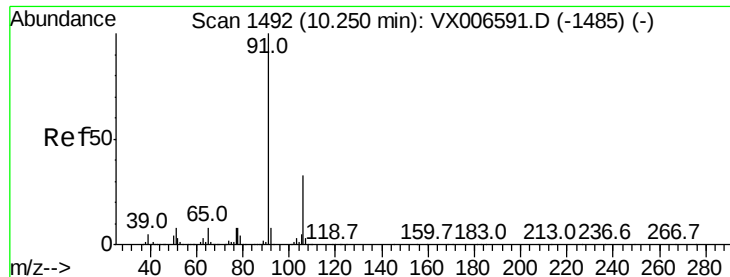
Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Tgt Ion:	117	Resp:	947865
Ion Ratio	Lower	Upper	
117	100		
82	50.0	41.0	61.6
119	32.5	25.4	38.0





#67

Ethyl Benzene

Concen: 0.287 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-121918

Tot Ion: 91 Resp: 9398

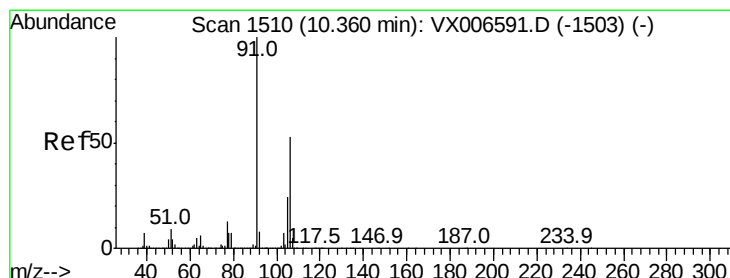
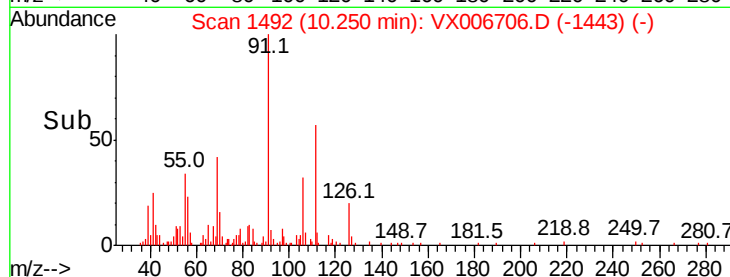
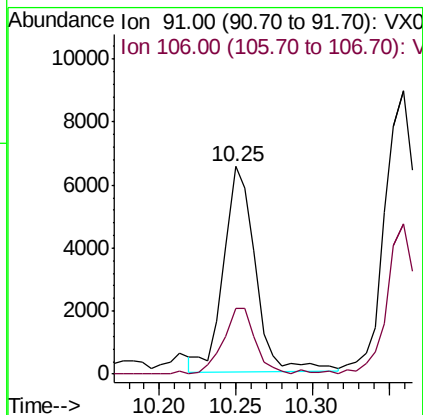
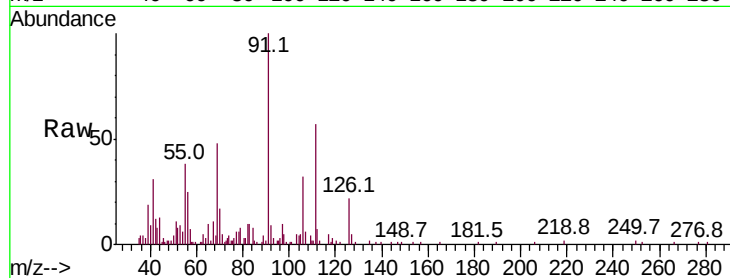
Ion Ratio Lower Upper

91 100

106 33.0 26.4 39.6

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#68

m/p-Xylenes

Concen: 0.504 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006706.D

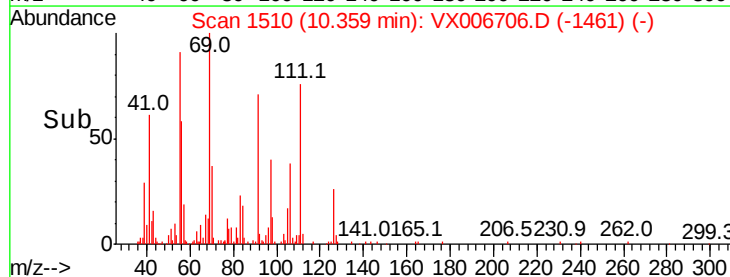
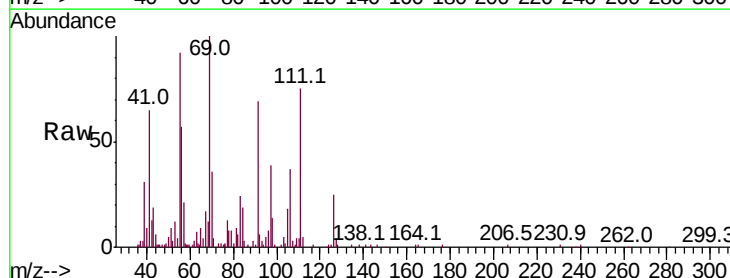
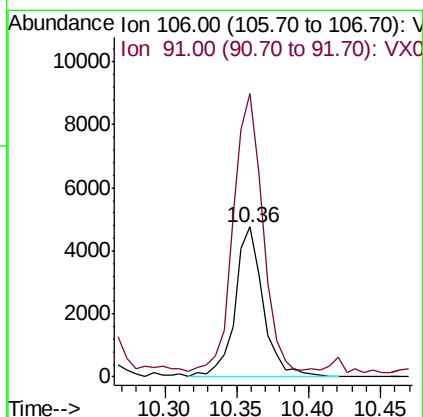
Acq: 21 Dec 2018 05:35

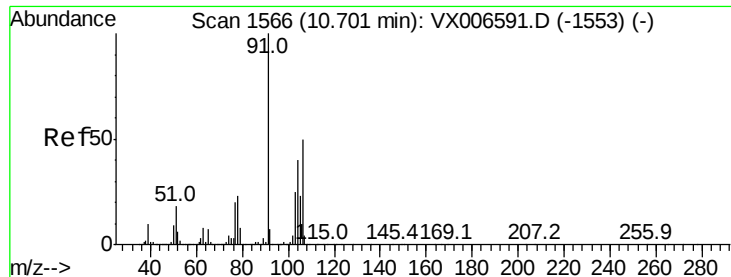
Tgt Ion: 106 Resp: 6517

Ion Ratio Lower Upper

106 100

91 196.6 155.8 233.6





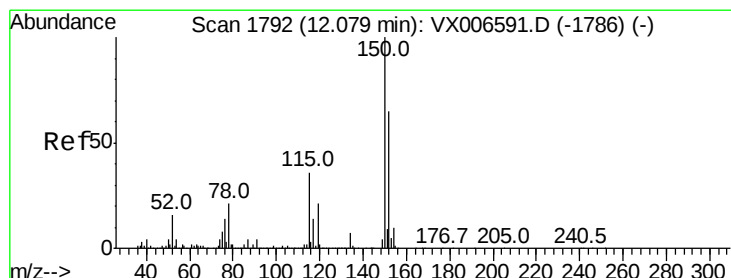
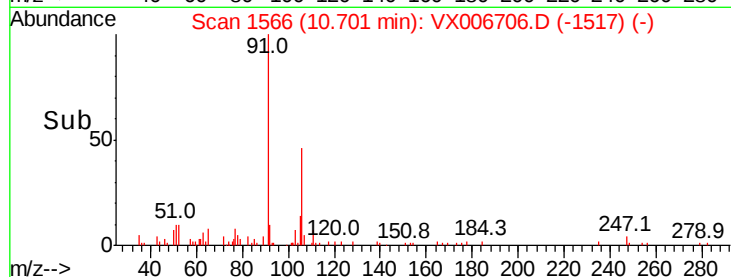
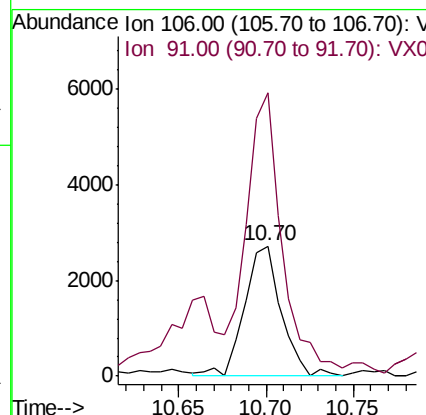
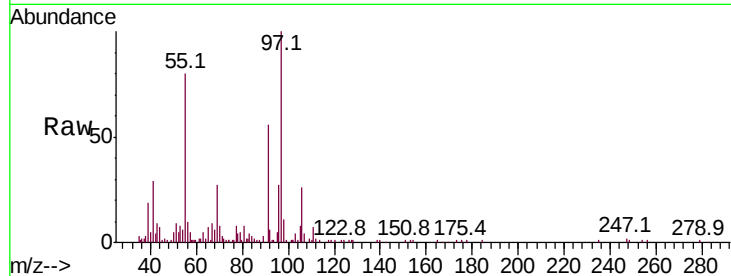
#69
o-Xylene
Concen: 0.310 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-121918

Tot Ion:106 Resp: 3962
Ion Ratio Lower Upper
106 100
91 197.3 101.3 303.7

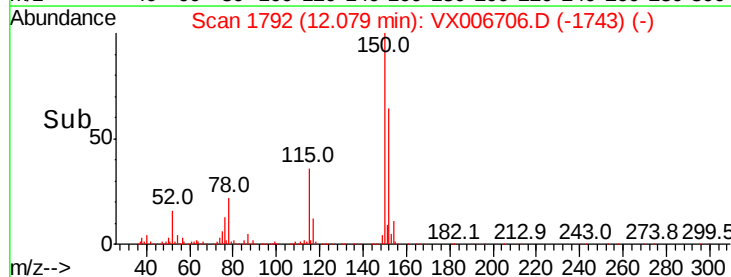
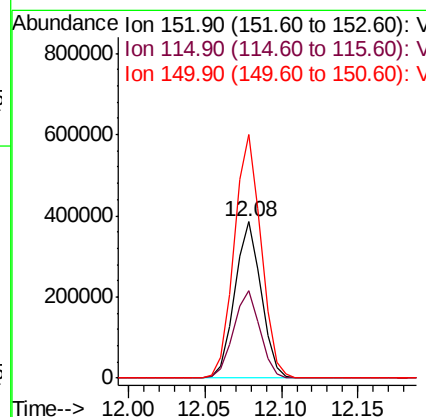
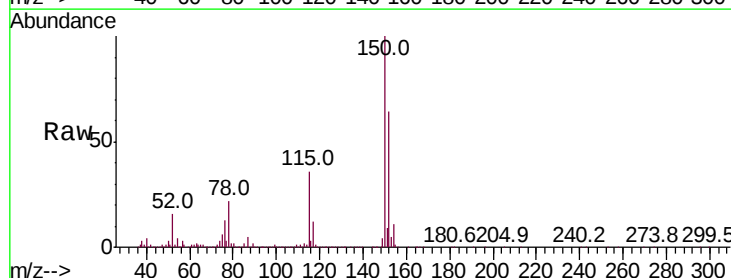
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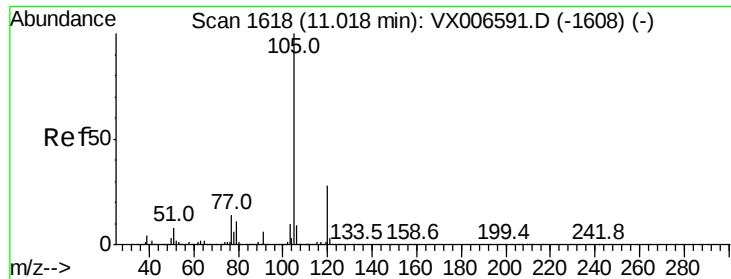
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12/21/2018 10:19:42 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion:152 Resp: 459134
Ion Ratio Lower Upper
152 100
115 56.3 39.1 117.2
150 158.5 0.0 344.8





#73

Isopropylbenzene

Concen: 18.507 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-121918

Tot Ion:105 Resp: 581305

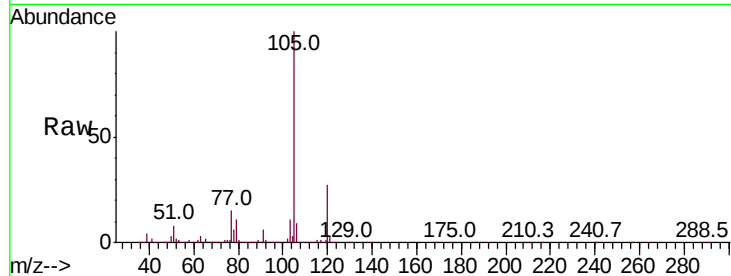
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4

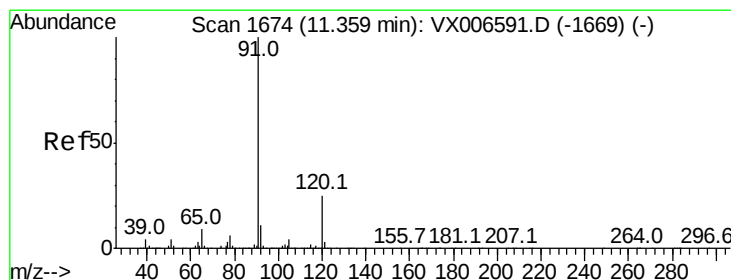
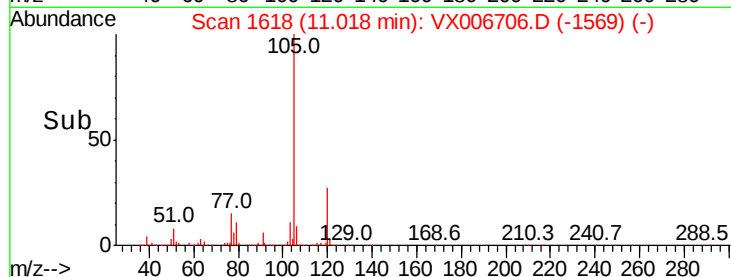
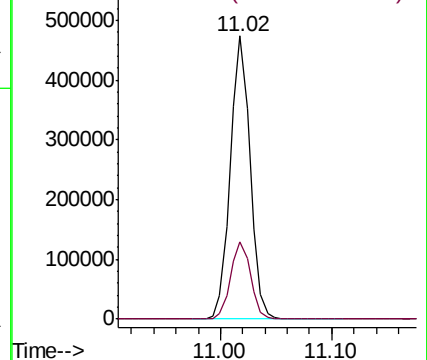
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 57.369 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006706.D

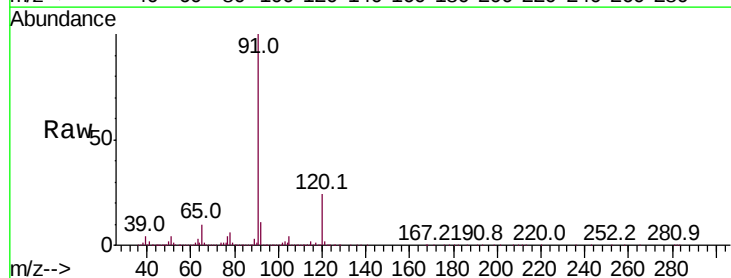
Acq: 21 Dec 2018 05:35

Tgt Ion: 91 Resp: 1984349

Ion Ratio Lower Upper

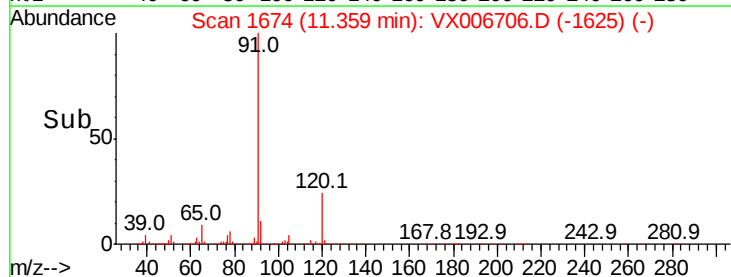
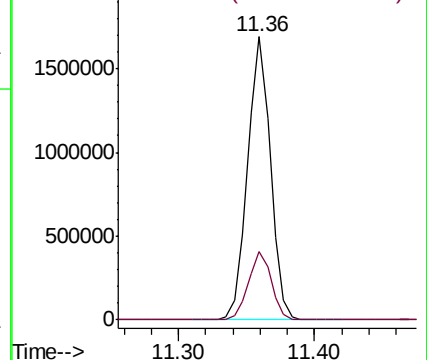
91 100

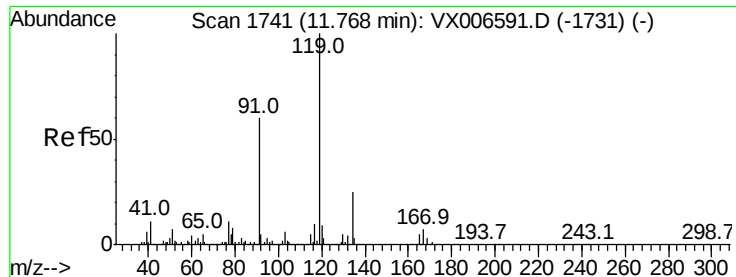
120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 2.952 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

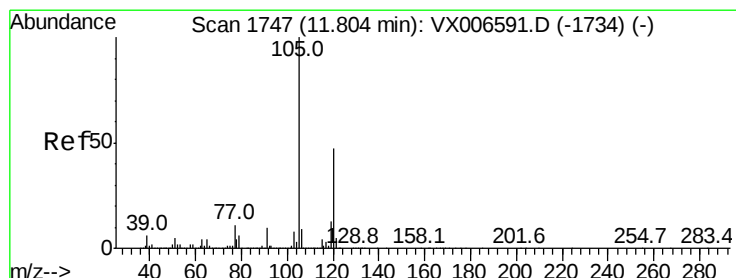
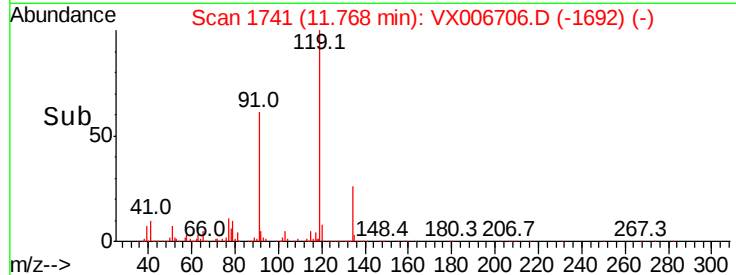
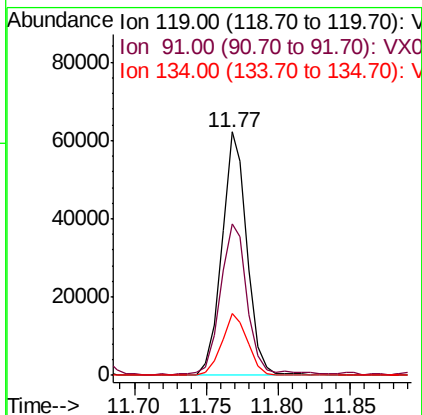
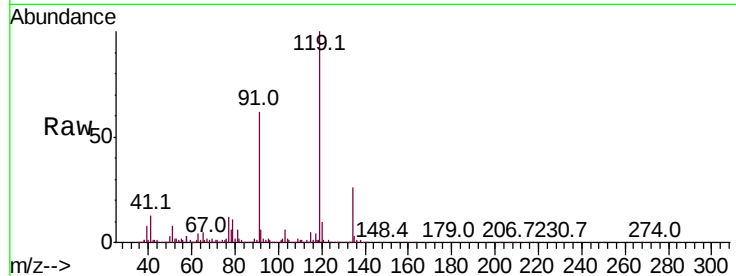
ClientSampleId :

T3-MW-3-9.0-121918

Tot Ion:	119	Resp:	76429
Ion Ratio	Lower	Upper	
119	100		
91	66.4	27.7	83.1
134	26.0	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 0.256 ug/l m

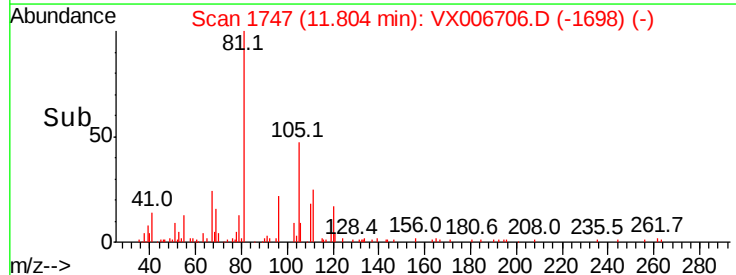
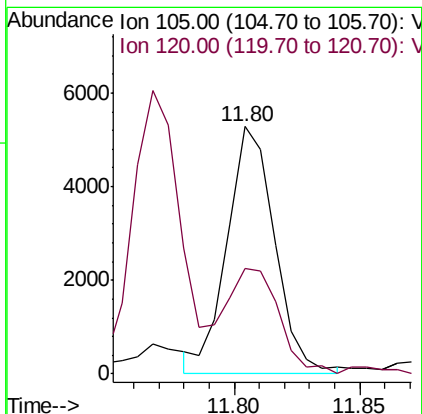
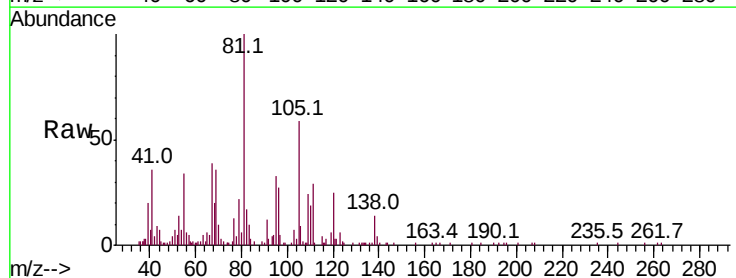
RT: 11.80 min Scan# 1747

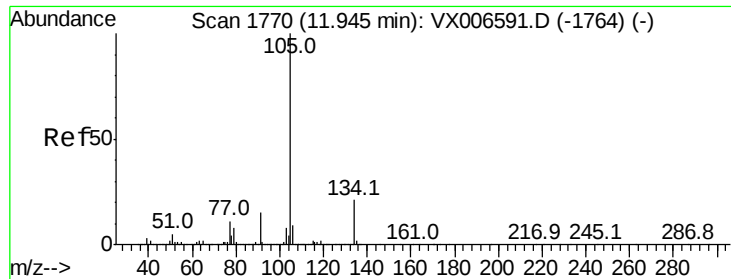
Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Tgt Ion:	105	Resp:	6970
Ion Ratio	Lower	Upper	
105	100		
120	484.8	23.2	69.6#





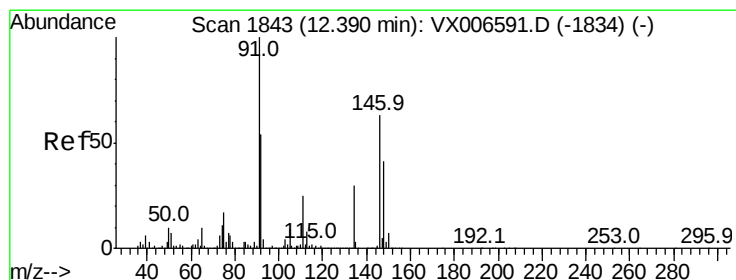
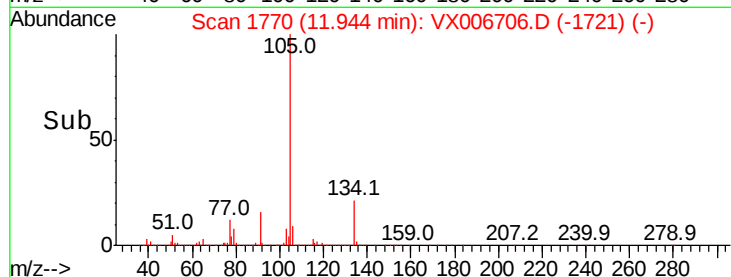
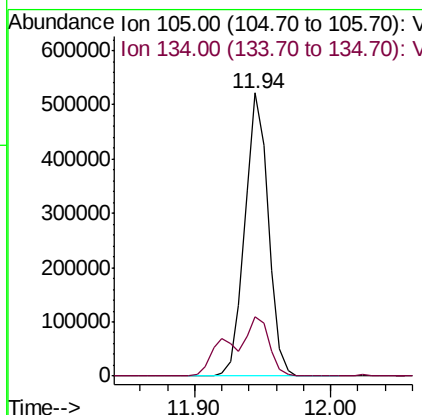
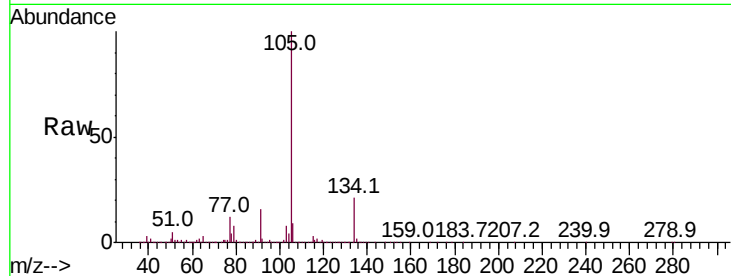
#85
 sec-Butylbenzene
 Concen: 19.750 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-121918

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.7	31.9

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#89
 n-Butylbenzene
 Concen: 17.248 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.2	26.8	80.4
134	46.1	14.4	43.2

