

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005360.D
 Acq On : 16 Oct 2018 10:33
 Operator : JC/MD
 Sample : J5521-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-03

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:34:30 AM

Quant Time: Oct 17 05:31:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158886	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
35) Dibromofluoromethane	5.49	113	135708	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	510163	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
62) 4-Bromofluorobenzene	11.14	95	178055	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	10032	5.071	ug/l	97
31) Cyclohexane	5.59	56	110917	23.581	ug/l #	78
39) Methylcyclohexane	7.46	83	181630	41.494	ug/l	94
40) Benzene	6.14	78	47658	3.928	ug/l	99
52) Toluene	8.79	92	51877	7.816	ug/l	97
67) Ethyl Benzene	10.25	91	355970	27.428	ug/l	97
68) m/p-Xylenes	10.36	106	285023	56.582	ug/l	95
69) o-Xylene	10.70	106	59591	12.266	ug/l	98
73) Isopropylbenzene	11.02	105	128331	10.981	ug/l	99
78) n-propylbenzene	11.36	91	704372	52.379	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	733953	73.341	ug/l	97
82) 4-Chlorotoluene	11.51	91	76317	7.817	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	2350273	228.214	ug/l	99
85) sec-Butylbenzene	11.94	105	51789m	4.318	ug/l	
86) p-Isopropyltoluene	12.07	119	17833	1.645	ug/l #	79
95) Naphthalene	13.83	128	196173	14.470	ug/l	98

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

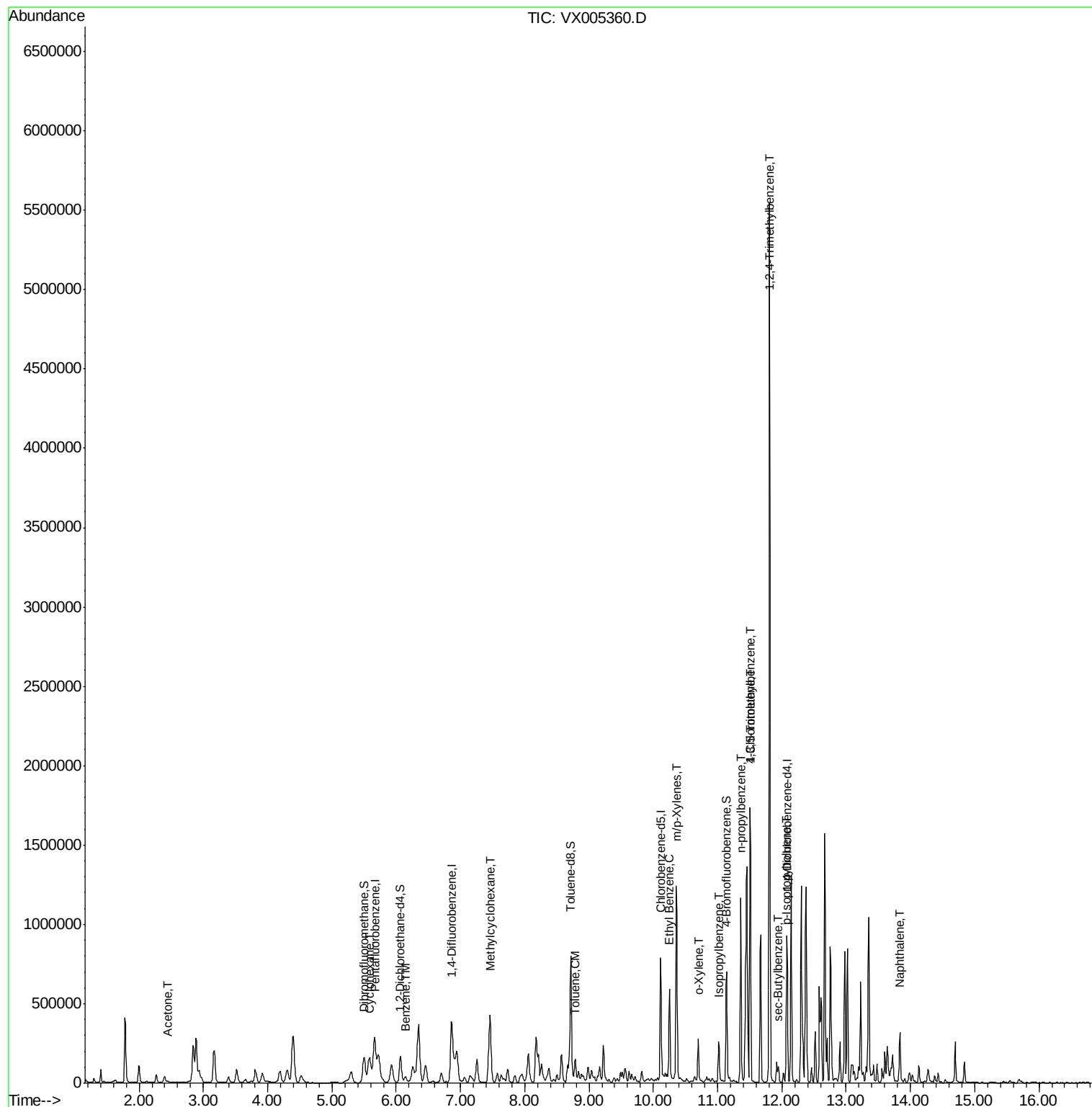
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101618\
Data File : VX005360.D
Acq On : 16 Oct 2018 10:33
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ALS Vial : 7 Sample Multiplier: 1

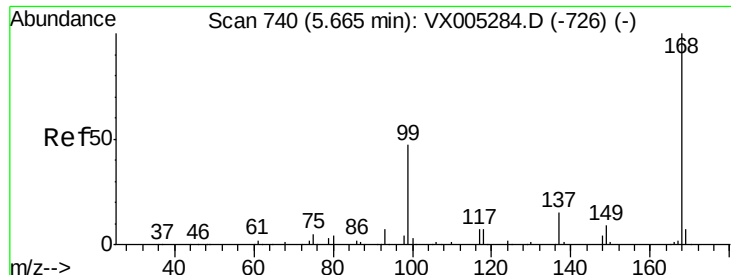
Instrument :
MSVOA_X
ClientSampleId :
TWP-03

Manual Integrations
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10/17/2018 9:34:30 AM

Quant Time: Oct 17 05:31:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005360.D

Acq: 16 Oct 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

TWP-03

Tot Ion:168 Resp: 308310

Ion Ratio Lower Upper

168 100

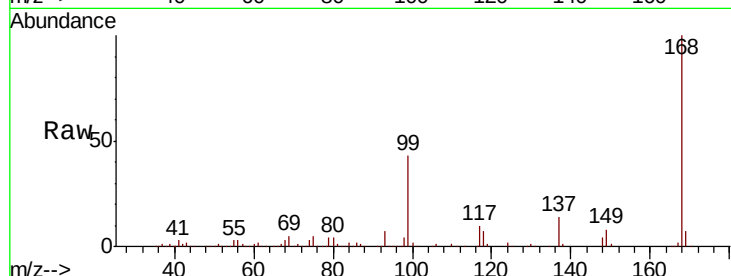
99 42.6 39.9 59.9

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

120000

100000

80000

60000

40000

20000

0

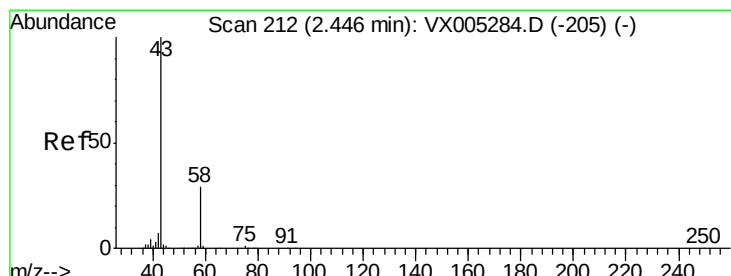
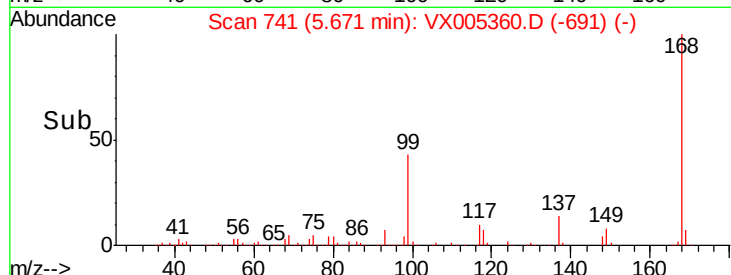
5.67

5.60

5.80

6.00

Time-->



#16

Acetone

Concen: 5.071 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005360.D

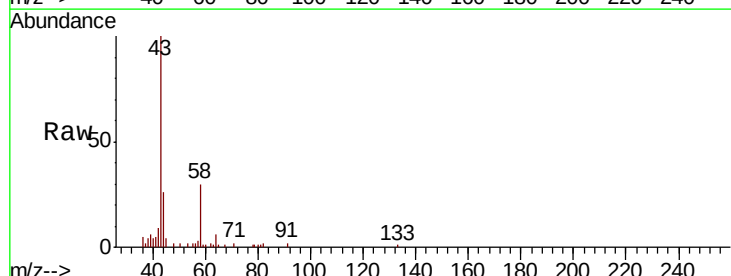
Acq: 16 Oct 2018 10:33

Tgt Ion: 43 Resp: 10032

Ion Ratio Lower Upper

43 100

58 31.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

4000

2000

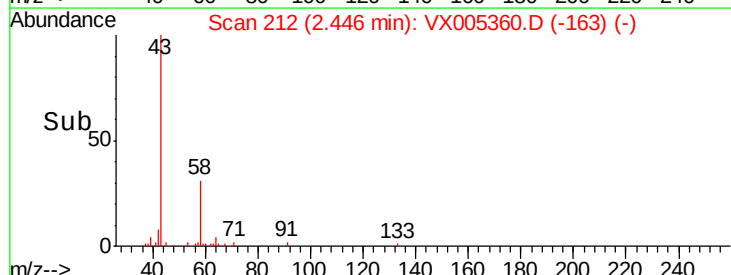
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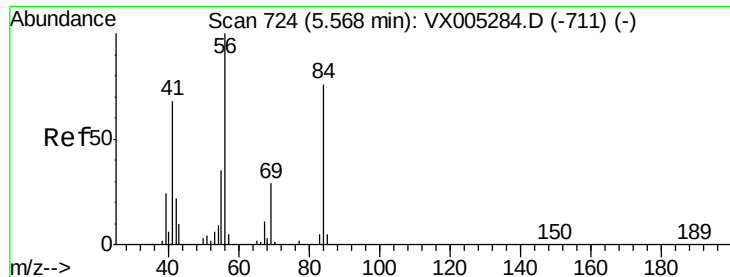
2.45

2.40

2.50

Time-->





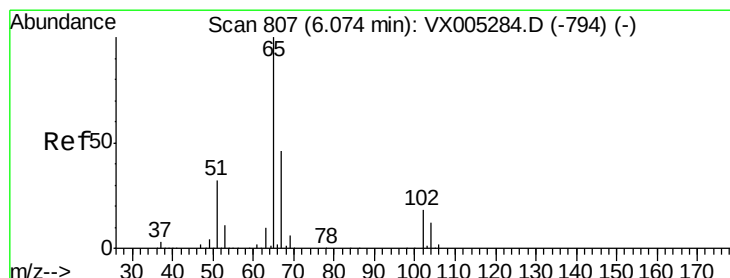
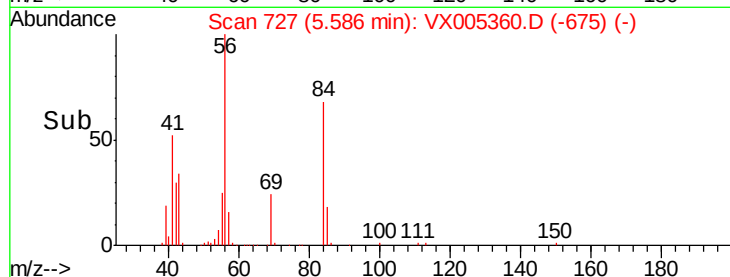
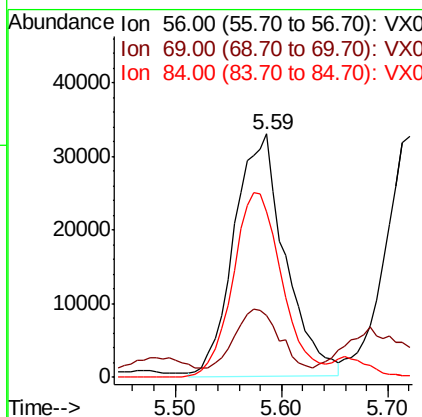
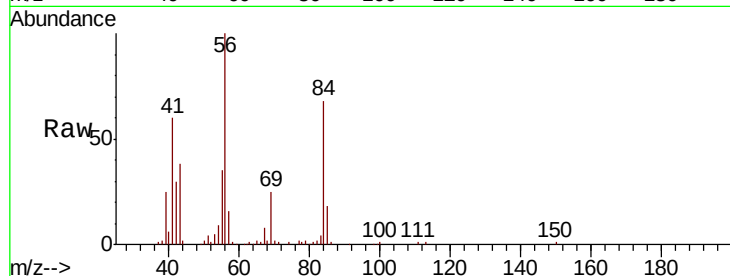
#31
Cyclohexane
Concen: 23.581 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.02 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
TWP-03

Tot Ion	Ratio	Lower	Upper
56	100		
69	20.0	25.4	38.2#
84	68.3	71.4	107.2#

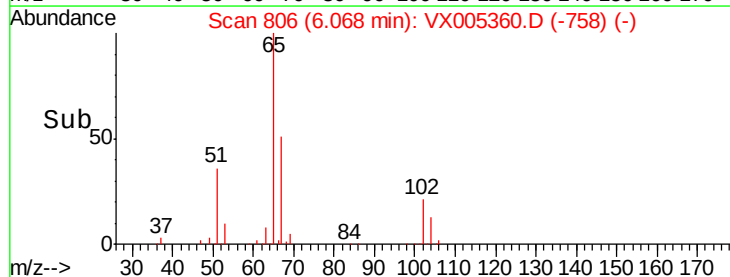
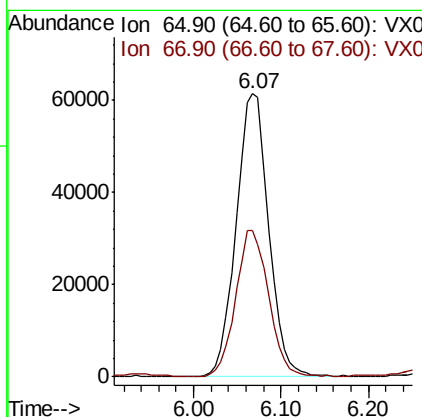
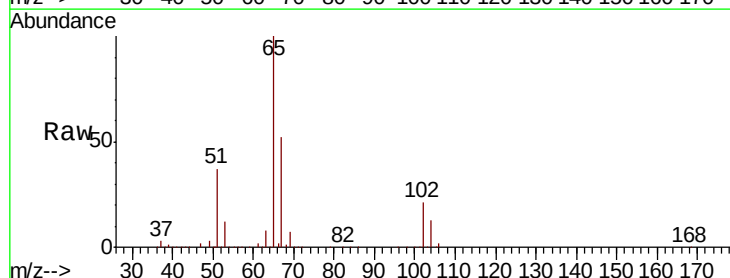
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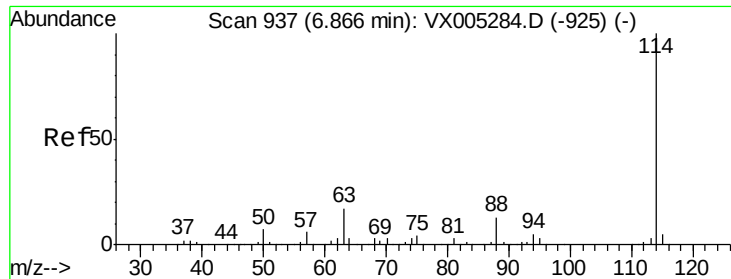
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#33
1,2-Dichloroethane-d4
Concen: 46.434 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.8





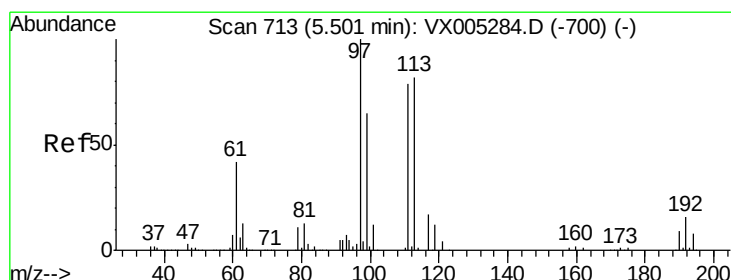
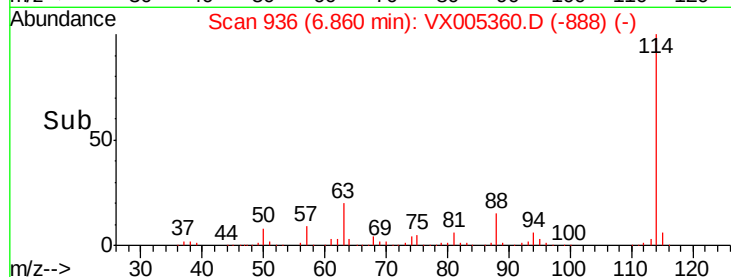
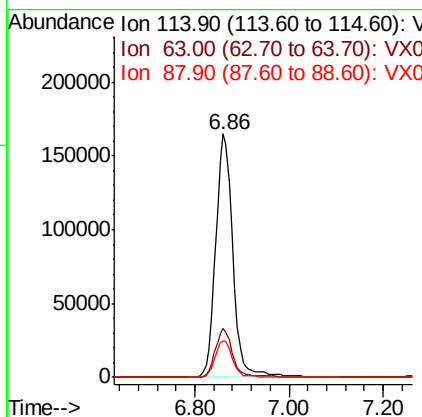
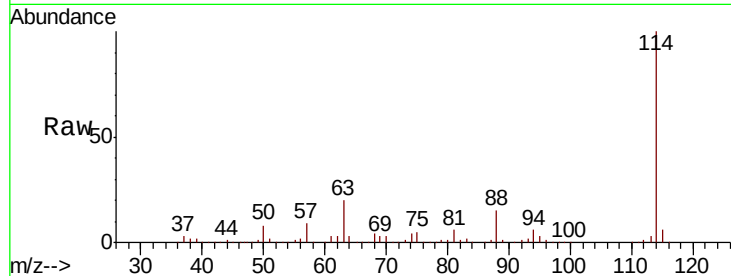
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005360.D
 Acq: 16 Oct 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-03

Tot Ion	Ratio	Resp	Lower	Upper
114	100	417605		
63	19.9		0.0	39.0
88	15.0		0.0	30.4

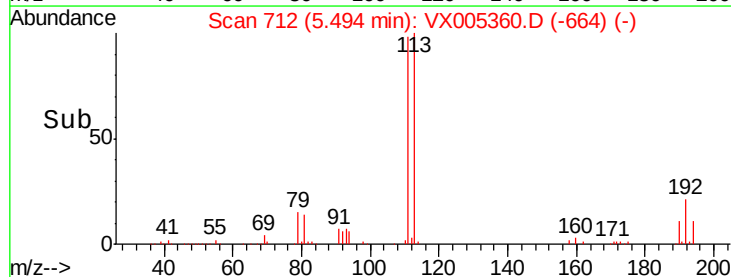
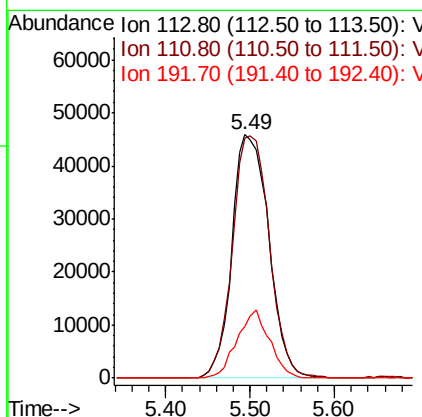
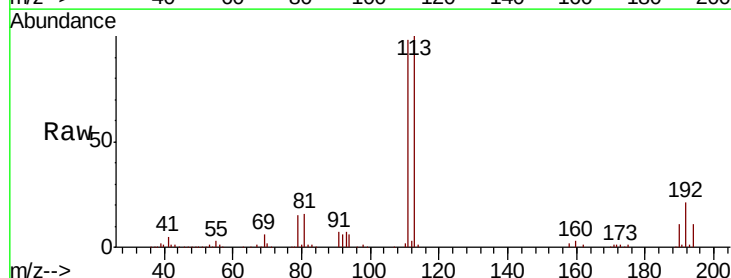
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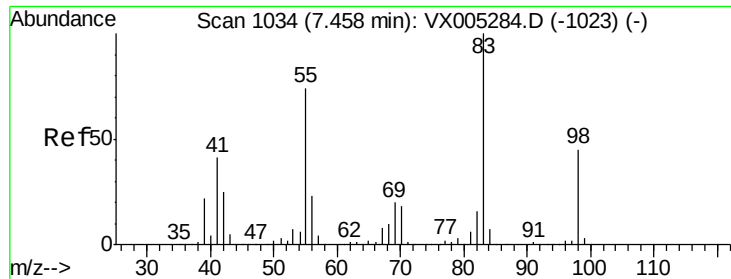
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#35
 Dibromofluoromethane
 Concen: 49.065 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005360.D
 Acq: 16 Oct 2018 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	135708		
111	100.0		82.4	123.6
192	24.7		19.4	29.2





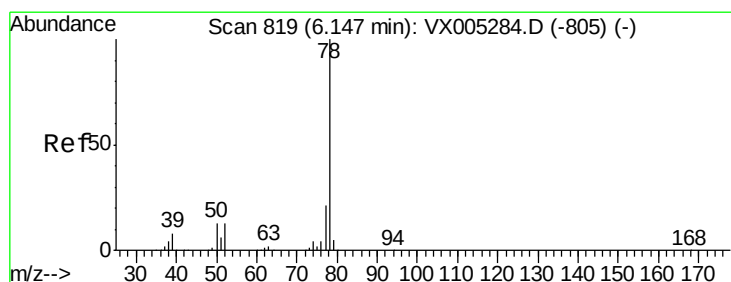
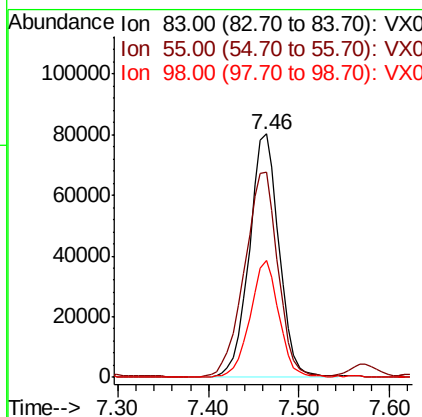
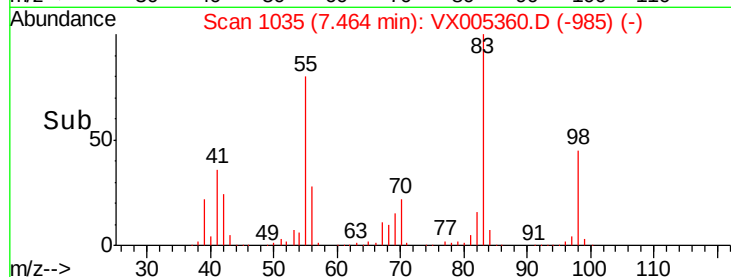
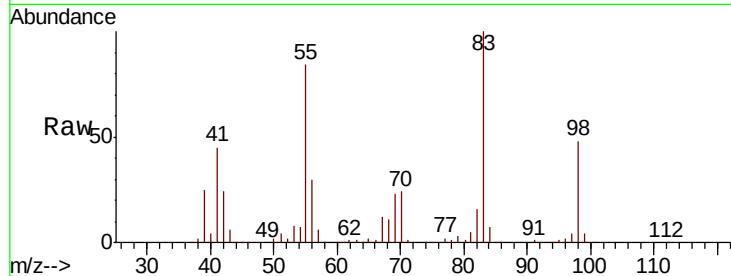
#39
Methylvlcyclohexane
Concen: 41.494 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
TWP-03

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	84.0	61.0	91.4	
98	48.2	39.6	59.4	

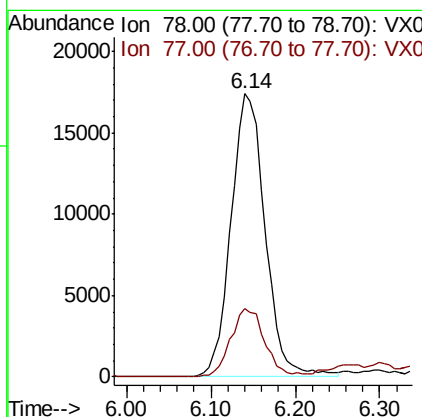
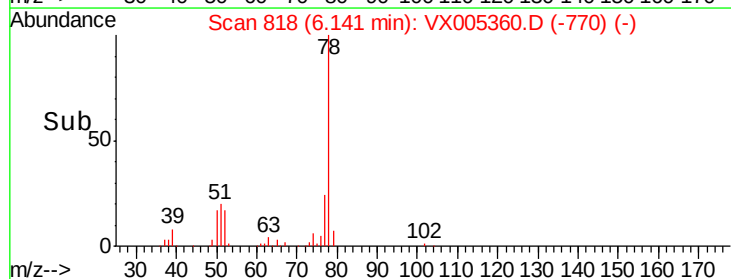
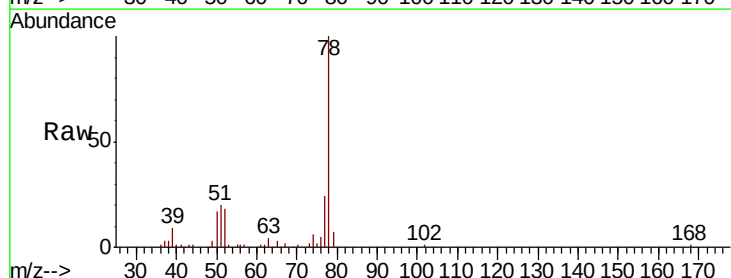
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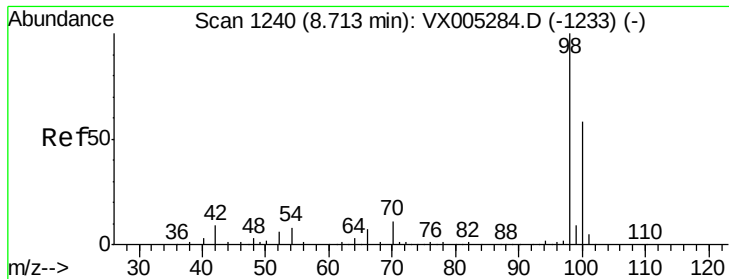
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#40
Benzene
Concen: 3.928 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4	19.0	28.4	





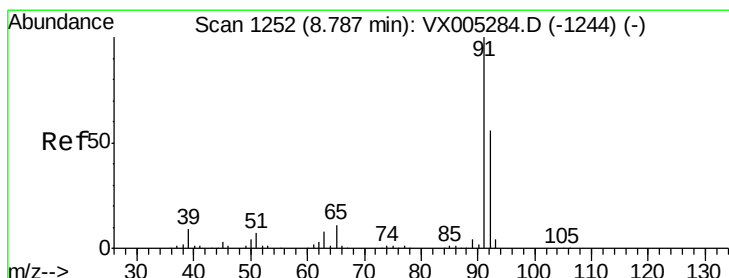
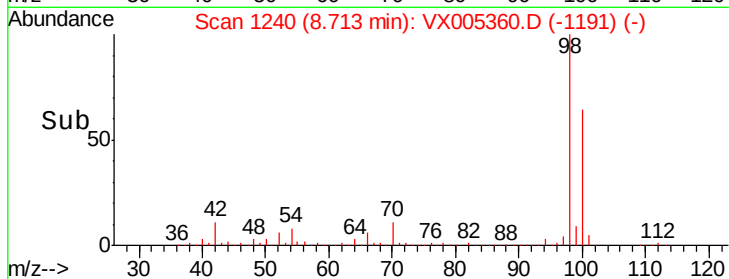
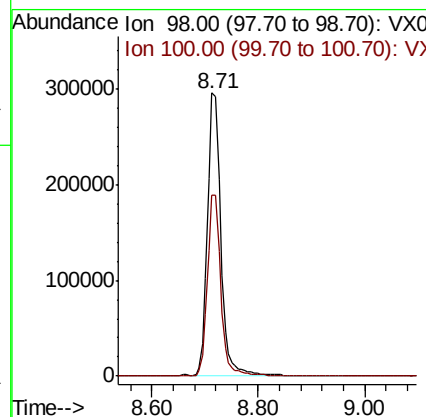
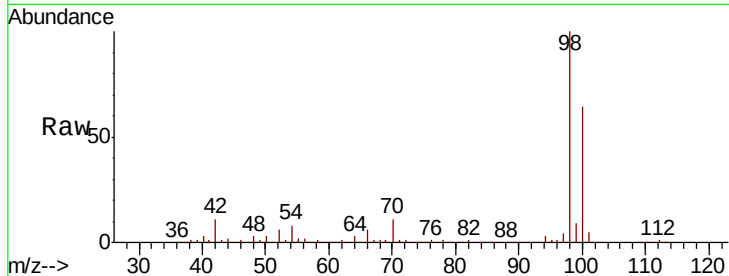
#50
Toluene-d8
Concen: 53.727 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
TWP-03

Tot Ion	98	100	Ratio	Lower	Upper
98	100				
100	64.0	52.9		79.3	

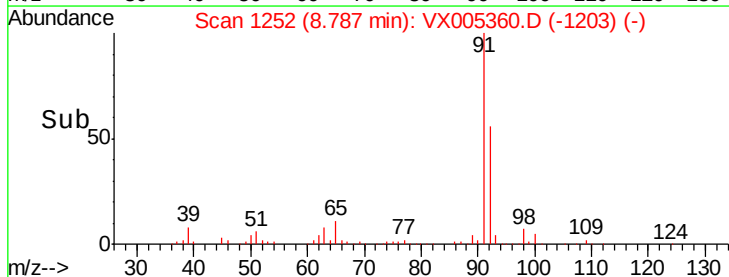
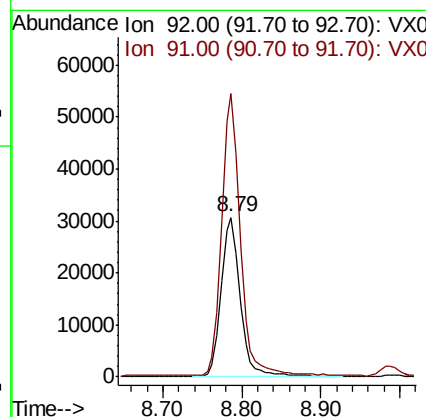
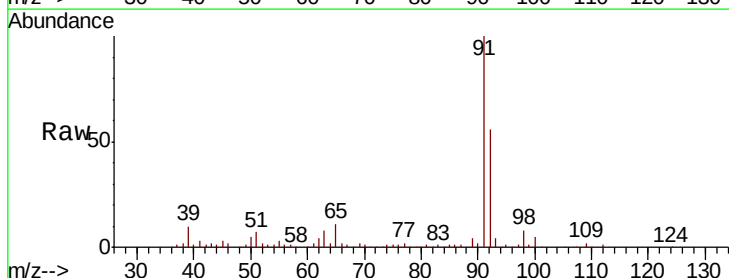
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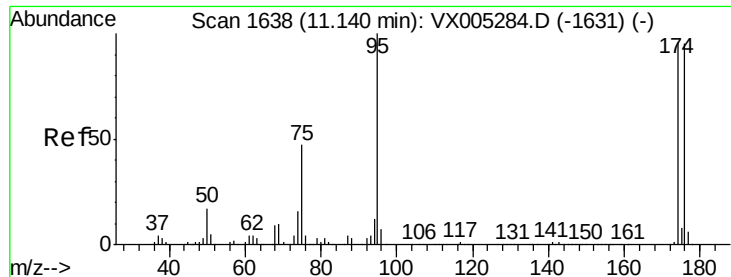
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#52
Toluene
Concen: 7.816 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	174.2	136.4		204.6	





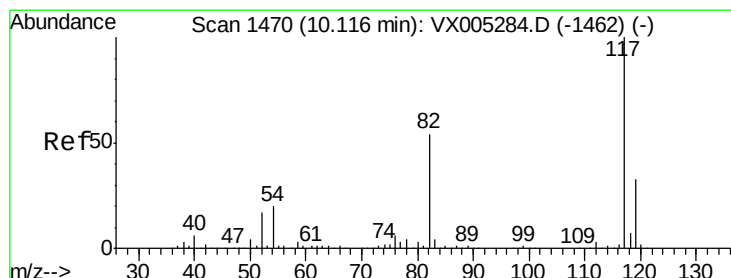
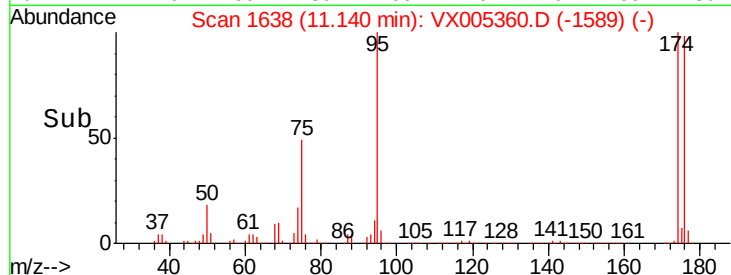
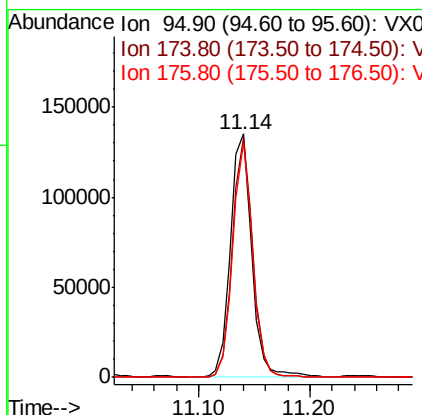
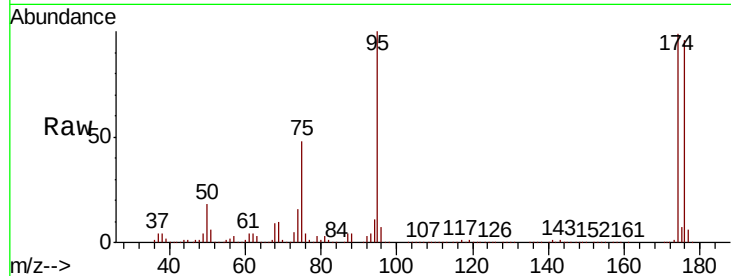
#62
4-Bromofluorobenzene
Concen: 49.915 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampled :
TWP-03

Tot Ion	Ratio	Resp	Lower	Upper
95	100	178055		
174	94.2	0.0	185.2	
176	90.9	0.0	178.6	

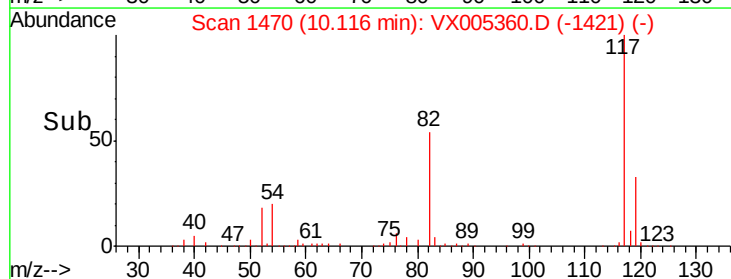
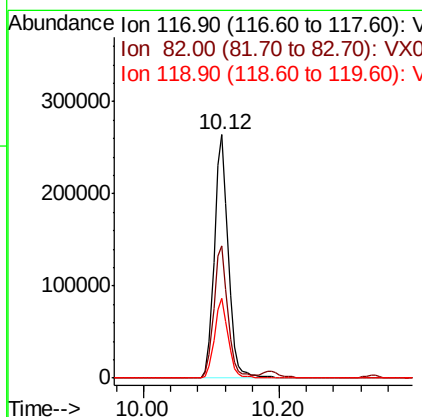
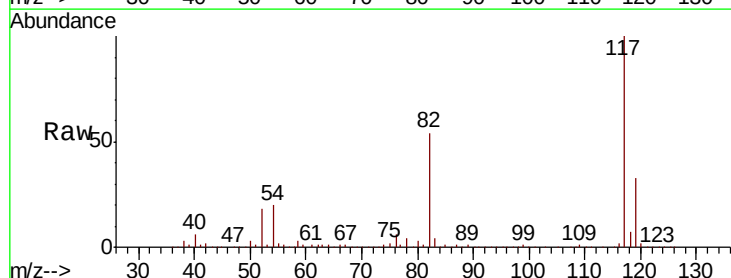
Manual Integrations
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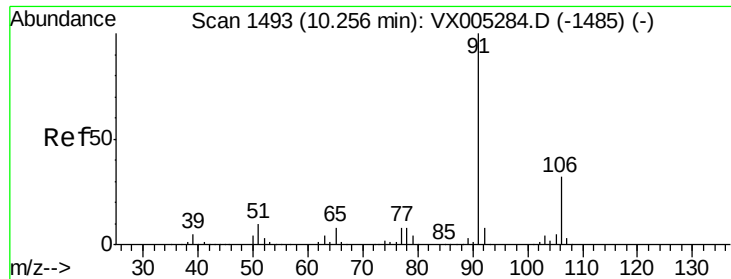
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	375315		
82	54.2	47.8	71.6	
119	32.8	29.3	43.9	





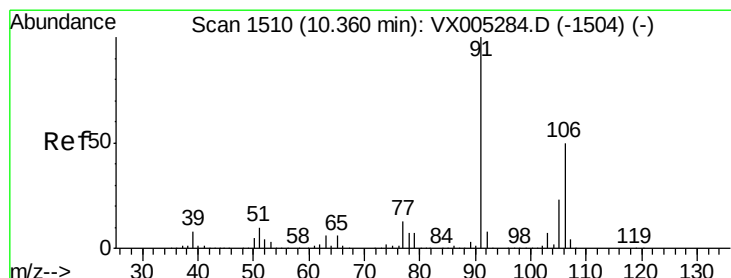
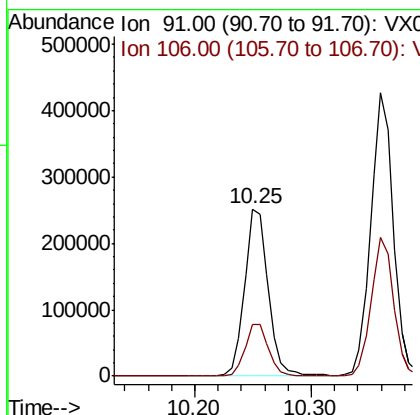
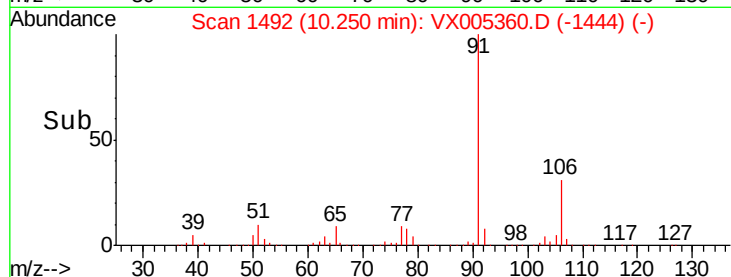
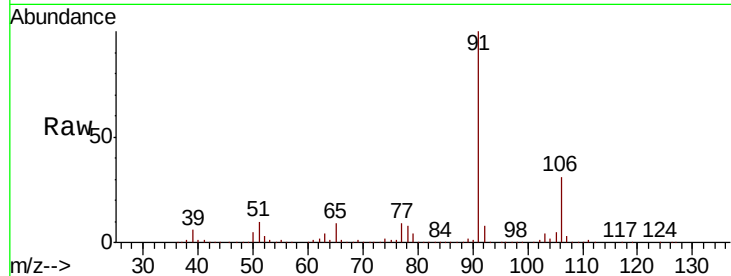
#67
Ethyl Benzene
Concen: 27.428 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampled :
TWP-03

Tot Ion: 91 Resp: 355970
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9

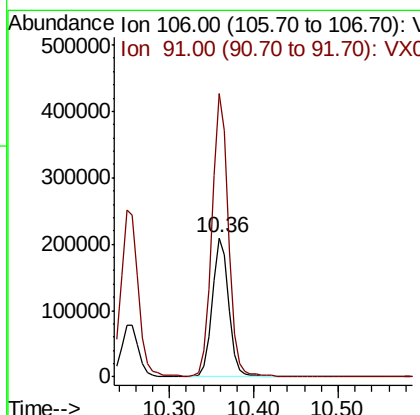
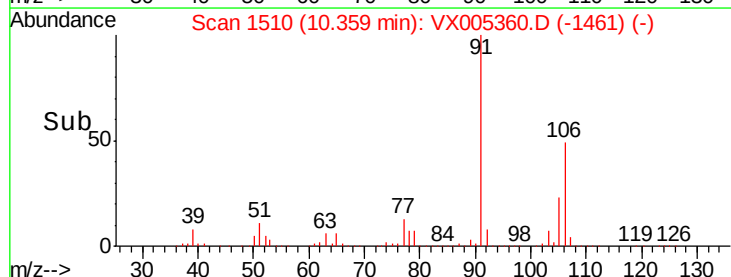
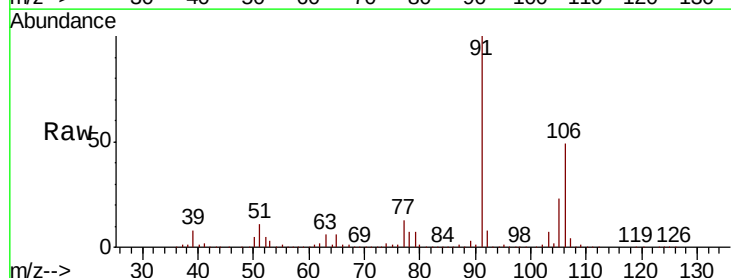
Manual Integrations
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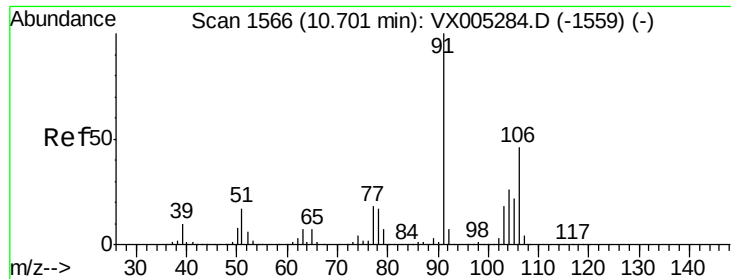
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#68
m/p-Xylenes
Concen: 56.582 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion: 106 Resp: 285023
Ion Ratio Lower Upper
106 100
91 203.2 157.1 235.7





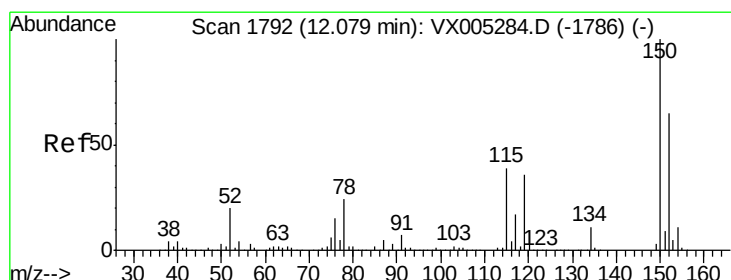
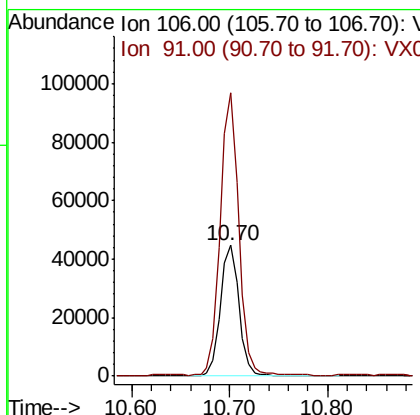
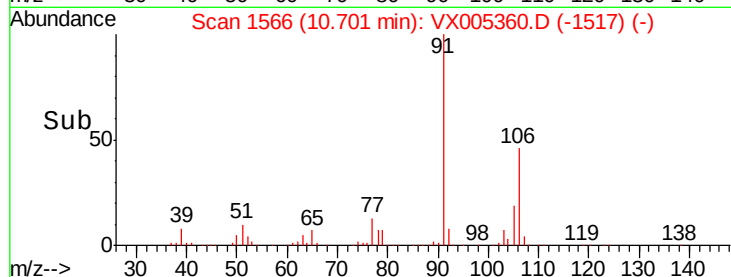
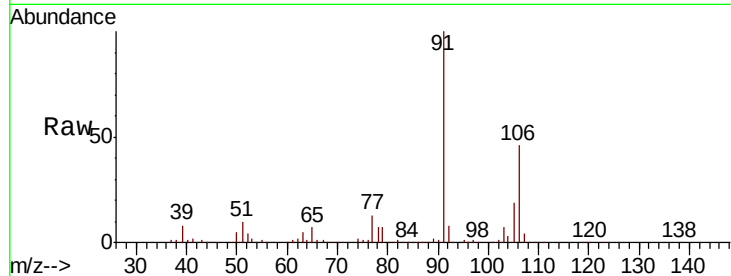
#69
o-Xylene
Concen: 12.266 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampled :
TWP-03

Tot Ion:106 Resp: 59591
Ion Ratio Lower Upper
106 100
91 212.9 105.1 315.1

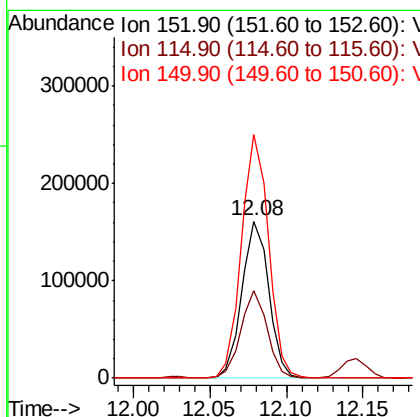
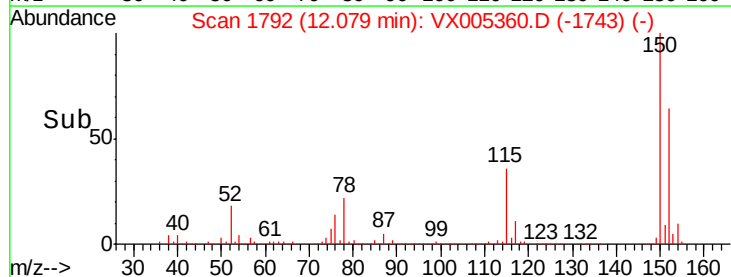
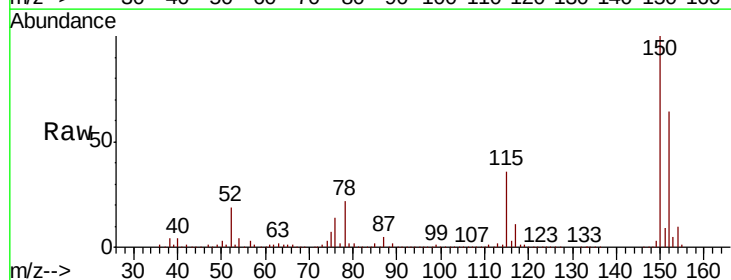
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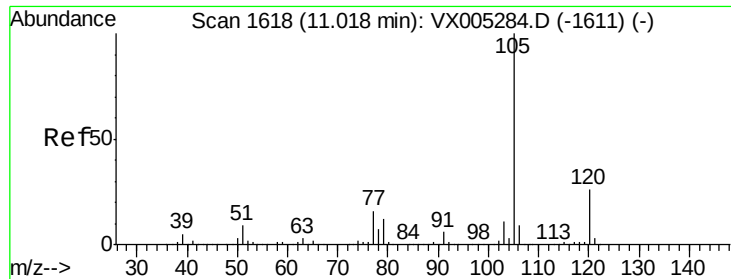
MMDadoda
10/17/2018 9:34:30 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion:152 Resp: 196581
Ion Ratio Lower Upper
152 100
115 54.7 39.0 117.0
150 156.7 0.0 351.0





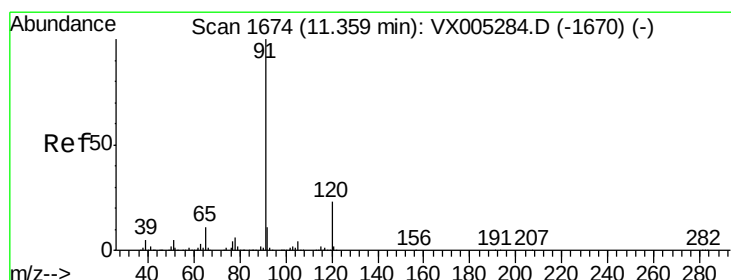
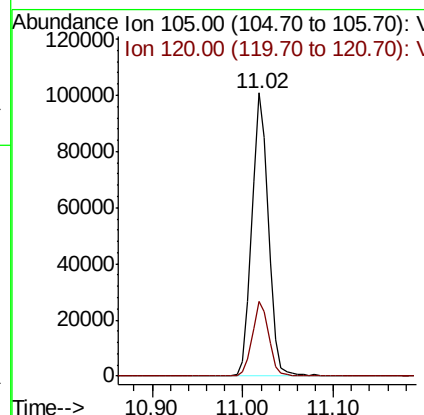
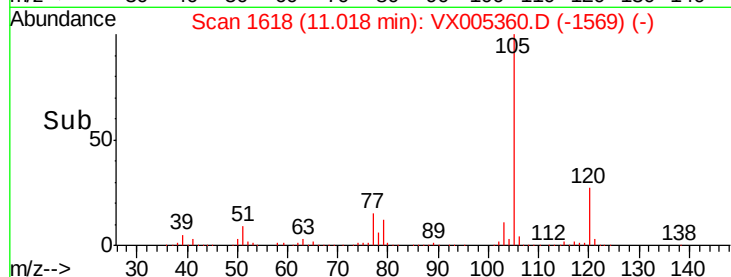
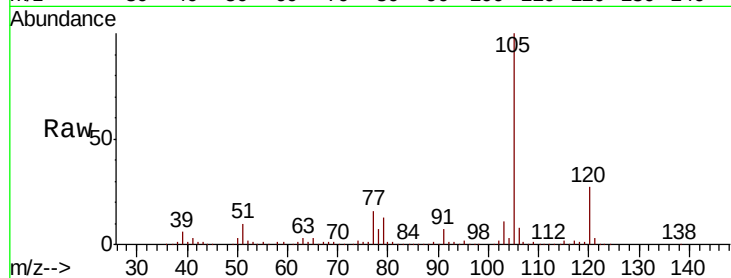
#73
Isopropylbenzene
Concen: 10.981 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampled :
TWP-03

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.5	40.4

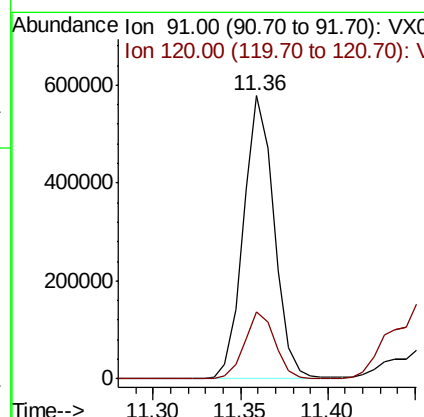
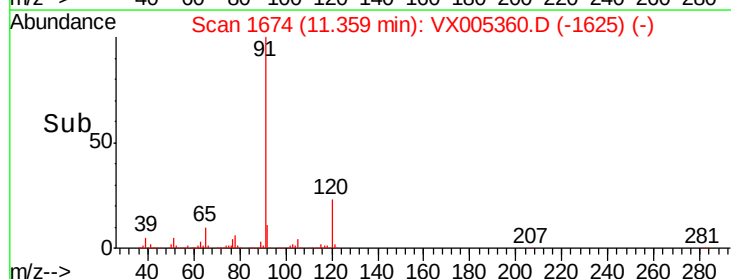
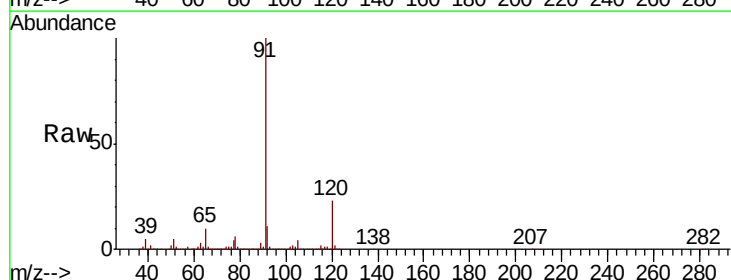
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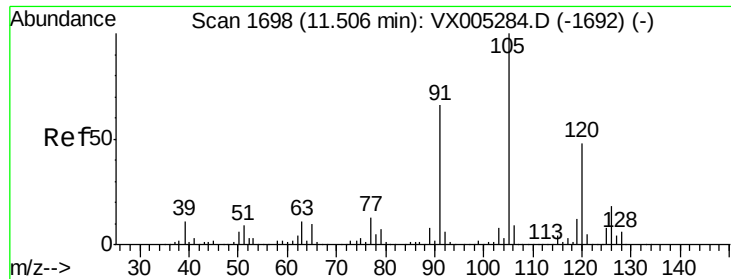
MMDadoda
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#78
n-propylbenzene
Concen: 52.379 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.9





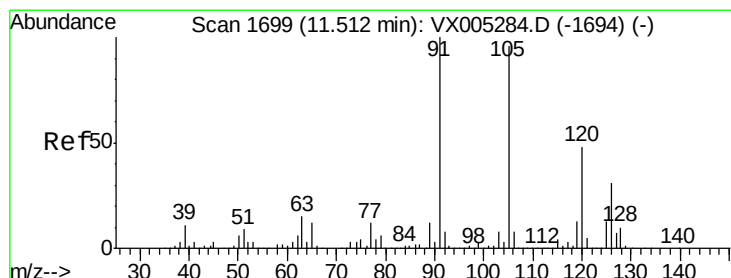
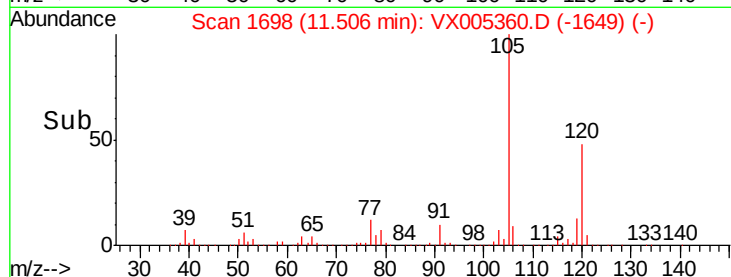
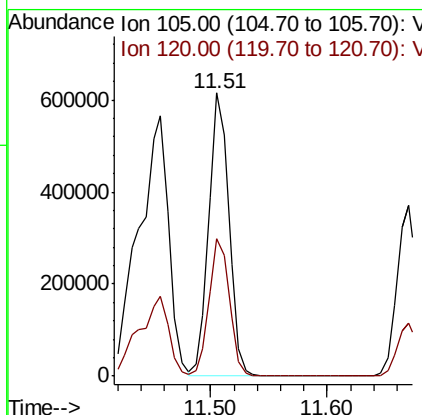
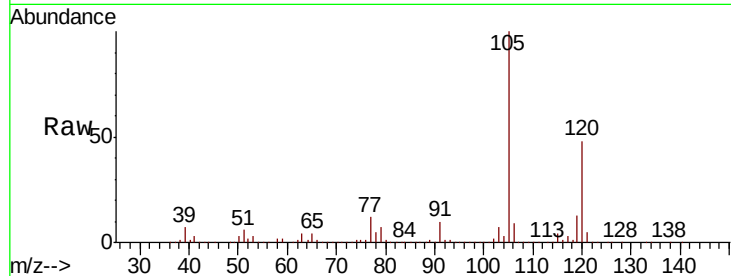
#80
 1,3,5-Trimethylbenzene
 Concen: 73.341 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005360.D
 Acq: 16 Oct 2018 10:33

Instrument :
 MSVOA_X
 ClientSampled :
 TWP-03

Tot Ion:105 Resp: 733953
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8

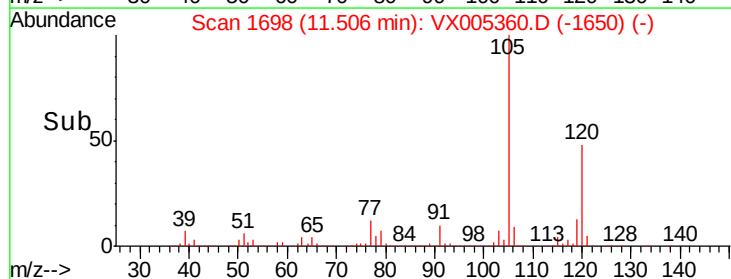
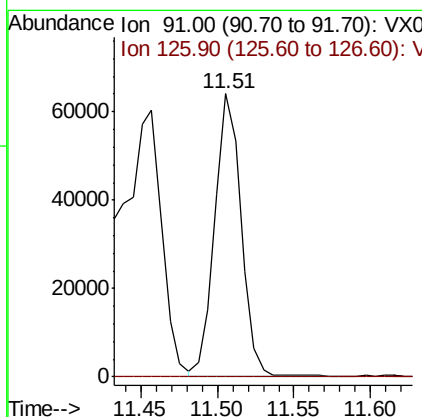
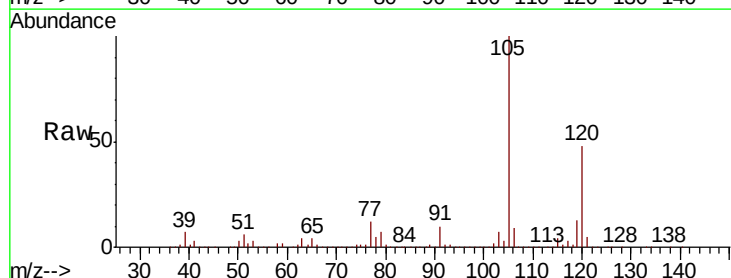
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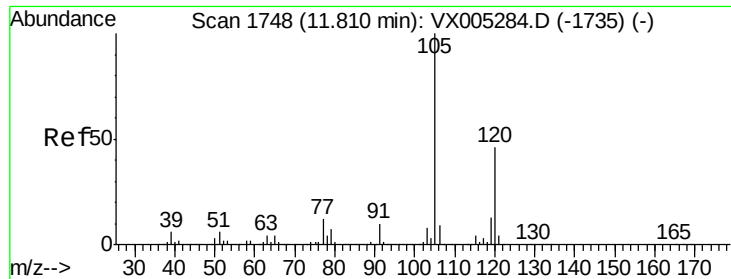
MMDadoda
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#82
 4-Chlorotoluene
 Concen: 7.817 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: VX005360.D
 Acq: 16 Oct 2018 10:33

Tgt Ion: 91 Resp: 76317
 Ion Ratio Lower Upper
 91 100
 126 0.3 15.5 46.5#





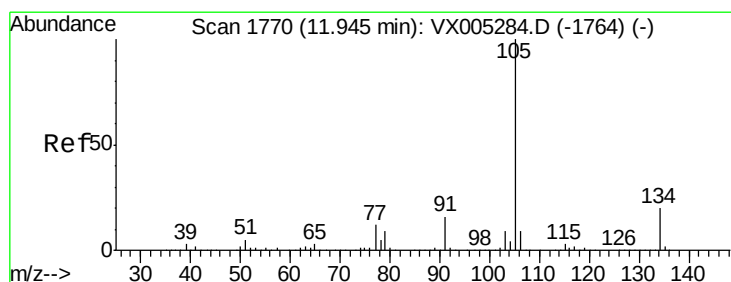
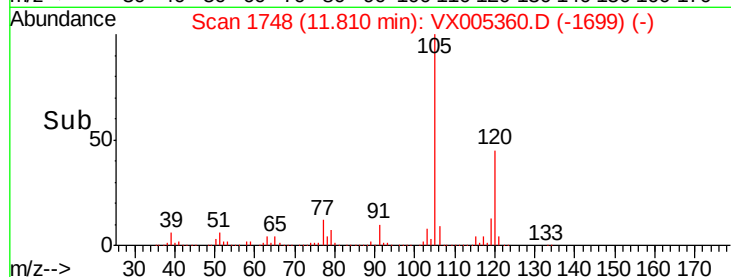
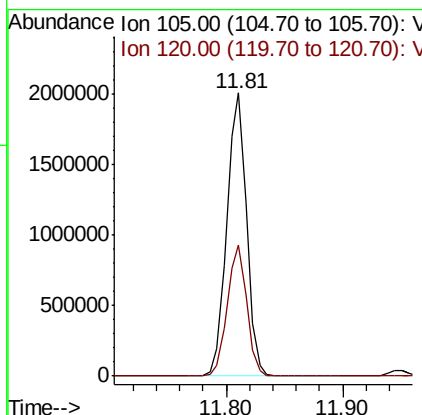
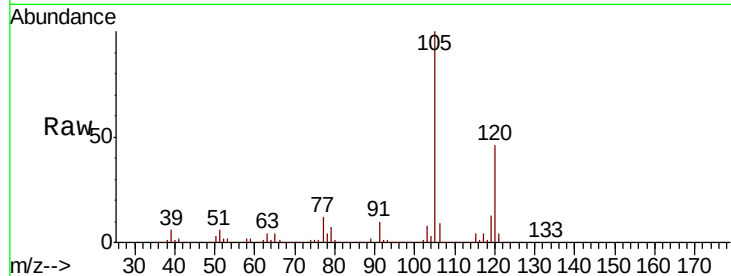
#84
 1,2,4-Trimethylbenzene
 Concen: 228.214 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005360.D
 Acq: 16 Oct 2018 10:33

Instrument :
 MSVOA_X
 ClientSampled :
 TWP-03

Tot Ion:105 Resp: 2350273
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.6

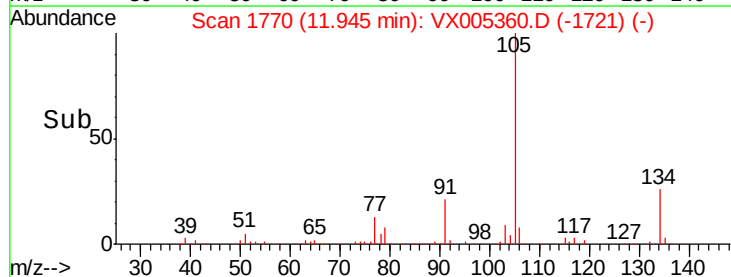
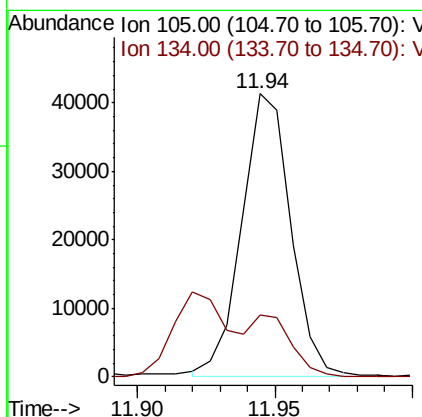
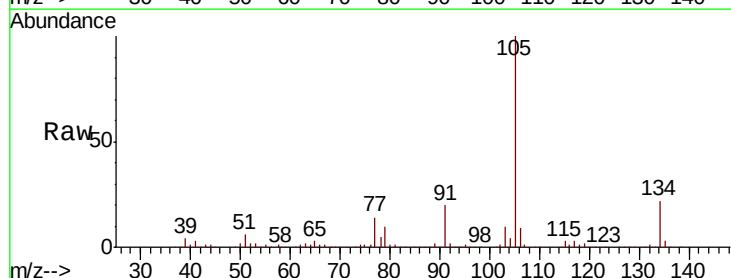
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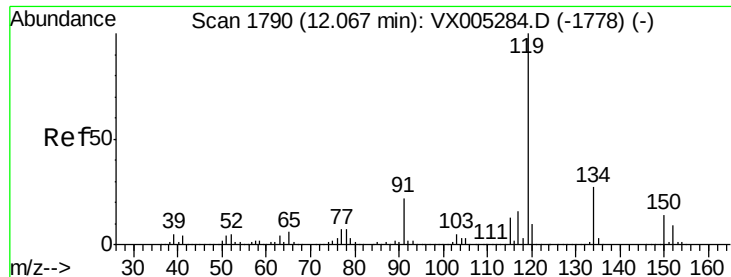
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#85
 sec-Butylbenzene
 Concen: 4.318 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005360.D
 Acq: 16 Oct 2018 10:33

Tgt Ion:105 Resp: 51789
 Ion Ratio Lower Upper
 105 100
 134 1.2 10.5 31.5#





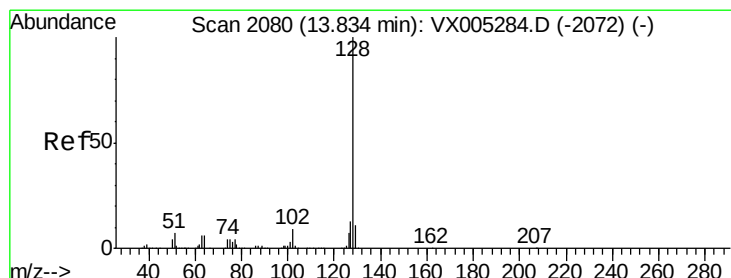
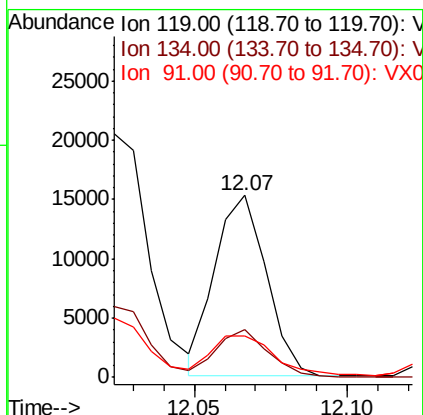
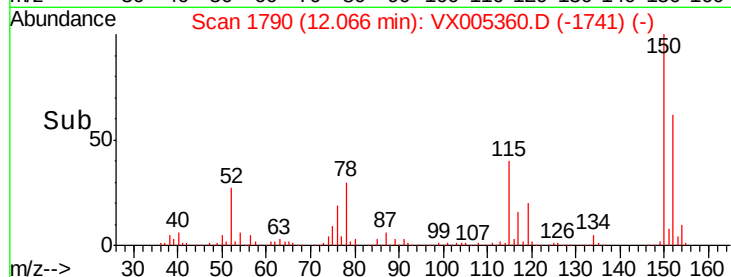
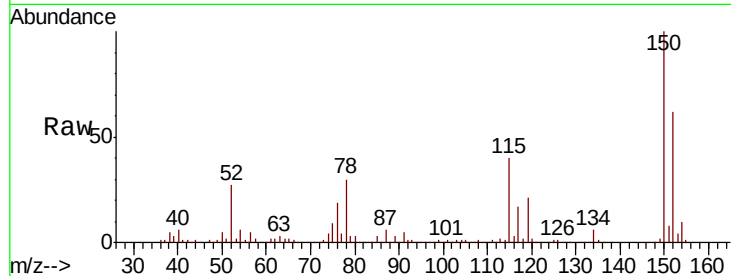
#86
p-Isopropyltoluene
Concen: 1.645 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampled :
TWP-03

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	0.0	10.9	32.7

Manual Integrations
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#95
Naphthalene
Concen: 14.470 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005360.D
Acq: 16 Oct 2018 10:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	11.7	8.6	12.8

