

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004538.D
 Acq On : 14 Sep 2018 14:27
 Operator : JC/MD
 Sample : J4892-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-091218

Manual Integrations
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 9/17/2018 5:09:24 PM

Quant Time: Sep 15 05:32:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171734	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
35) Dibromofluoromethane	5.51	113	157945	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	8.72	98	555888	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.14	95	195380	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds						
						Qvalue
10) Methyl Iodide	2.51	142	1307	4.59	ug/l	94
16) Acetone	2.45	43	30504	18.01	ug/l	98
25) 2-Butanone	4.70	43	4500	1.67	ug/l #	80
31) Cyclohexane	5.58	56	29544	5.89	ug/l #	85
39) Methylcyclohexane	7.46	83	35762	7.74	ug/l	93
40) Benzene	6.15	78	8949	0.68	ug/l	92
52) Toluene	8.79	92	712104	92.05	ug/l	97
67) Ethyl Benzene	10.26	91	5436030	382.56	ug/l	99
68) m/p-Xylenes	10.37	106	4277462	781.48	ug/l	95
69) o-Xylene	10.70	106	2088014	396.80	ug/l	99
73) Isopropylbenzene	11.02	105	484777	35.47	ug/l	100
78) n-propylbenzene	11.36	91	674828	42.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1895705	165.01	ug/l	98
83) tert-Butylbenzene	11.77	119	11637m	1.06	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	5683564	484.55	ug/l	98
85) sec-Butylbenzene	11.94	105	87458m	6.27	ug/l	
86) p-Isopropyltoluene	12.07	119	71882m	5.84	ug/l	
89) n-Butylbenzene	12.38	91	168856	15.06	ug/l #	1
95) Naphthalene	13.83	128	2770311	195.56	ug/l	99

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

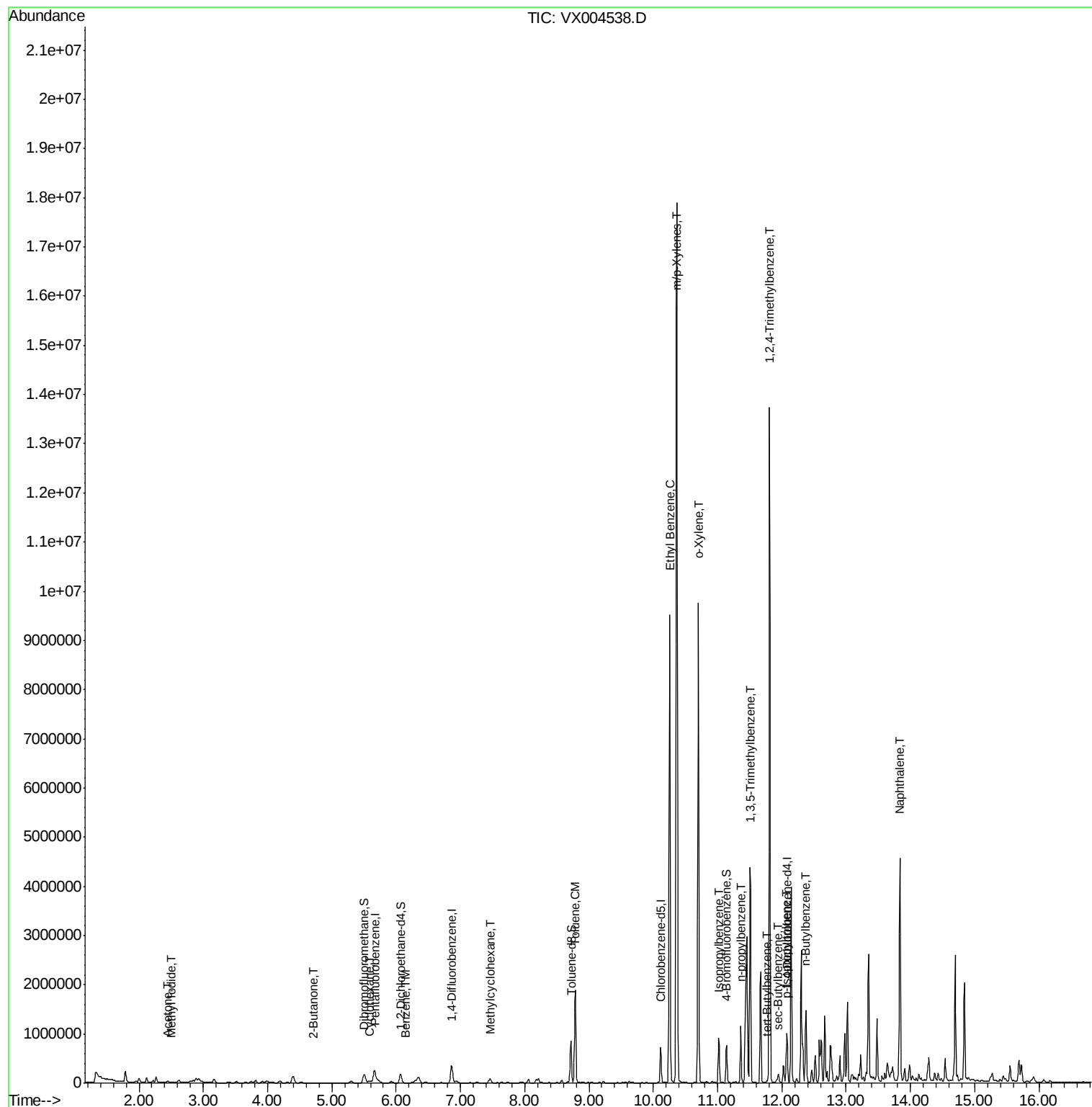
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\
Data File : VX004538.D
Acq On : 14 Sep 2018 14:27
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ALS Vial : 10 Sample Multiplier: 1

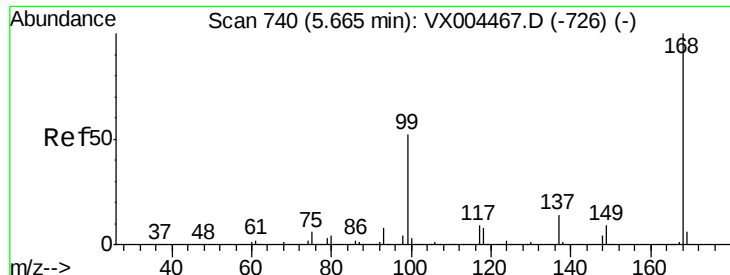
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

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Quant Time: Sep 15 05:32:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004538.D

Acq: 14 Sep 2018 14:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-091218

Tot Ion:168 Resp: 269155

Ion Ratio Lower Upper

168 100

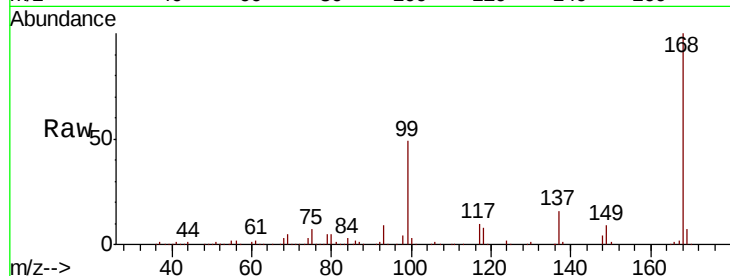
99 49.2 39.9 59.9

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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

80000

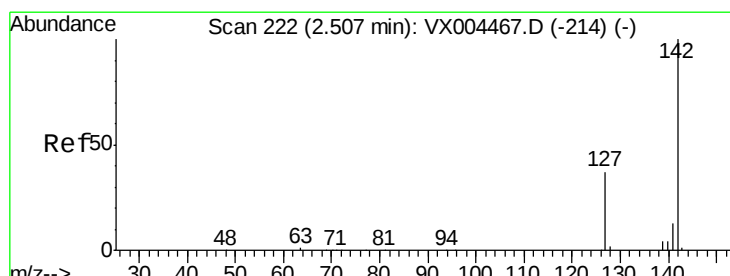
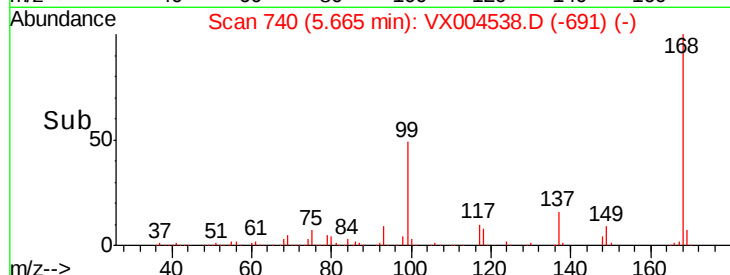
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.59 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004538.D

Acq: 14 Sep 2018 14:27

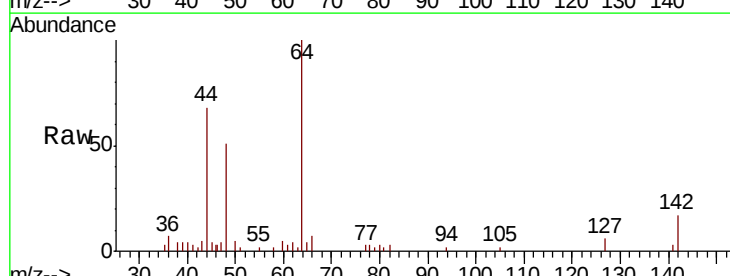
Tgt Ion:142 Resp: 1307

Ion Ratio Lower Upper

142 100

127 37.5 33.8 50.6

141 12.7 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

800

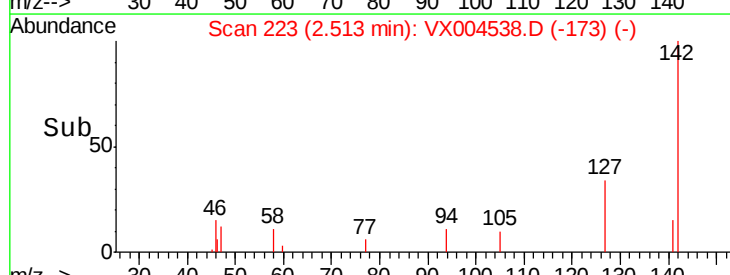
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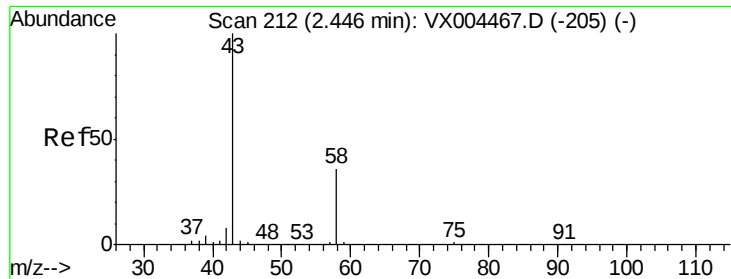
400

200

0

Time--> 2.45 2.50 2.55 2.60





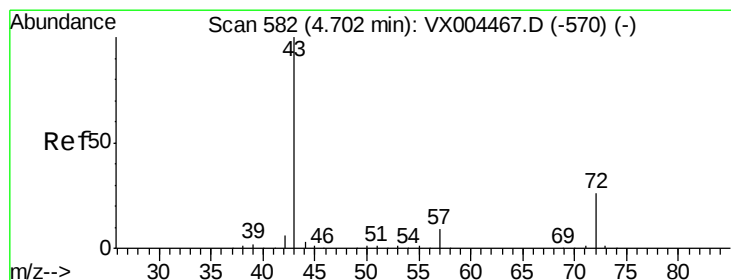
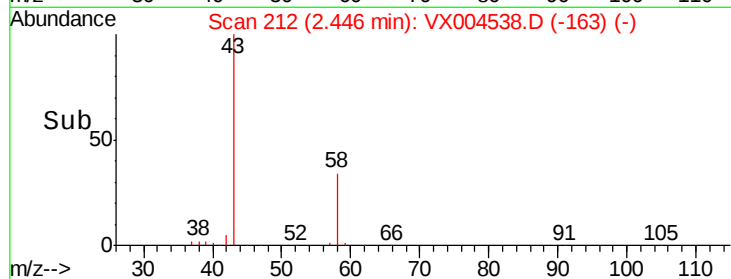
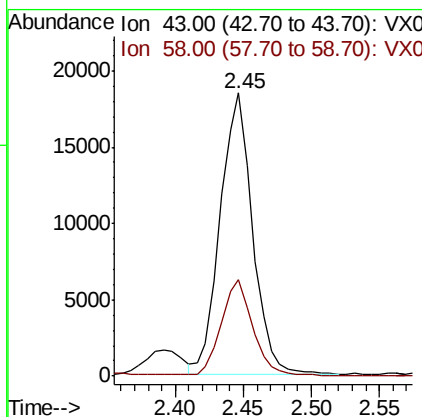
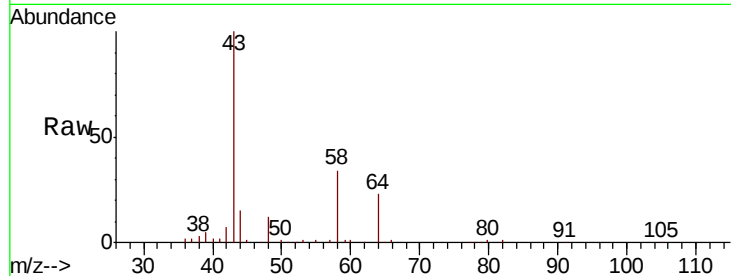
#16
Acetone
Concen: 18.01 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampled :
PR-MW-01-091218

Tot Ion	43	Resp	30504
Ion Ratio	100	Lower	Upper
43	100		
58	34.1	26.2	39.4

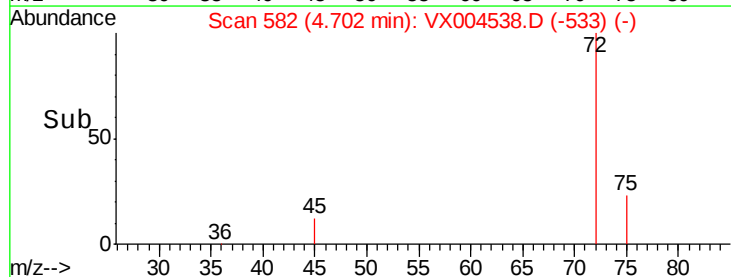
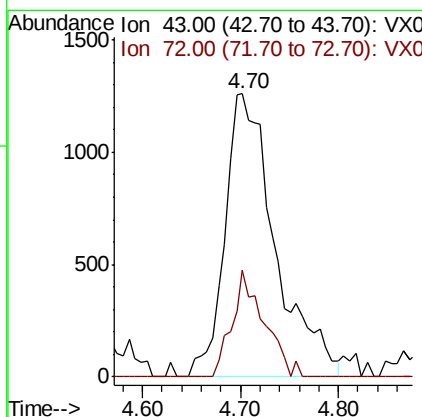
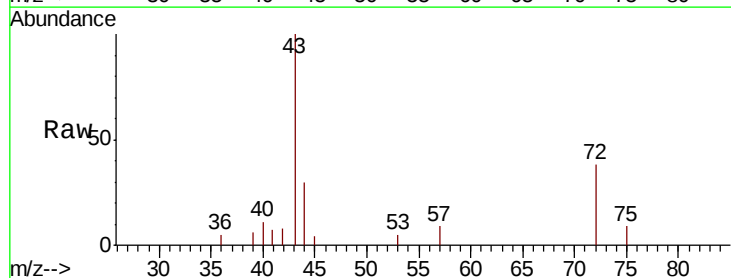
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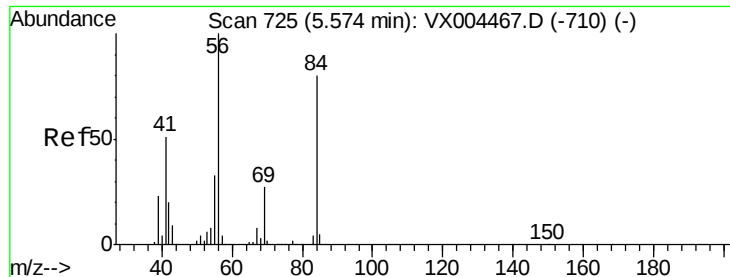
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#25
2-Butanone
Concen: 1.67 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion	43	Resp	4500
Ion Ratio	100	Lower	Upper
43	100		
72	37.8	22.0	33.0#





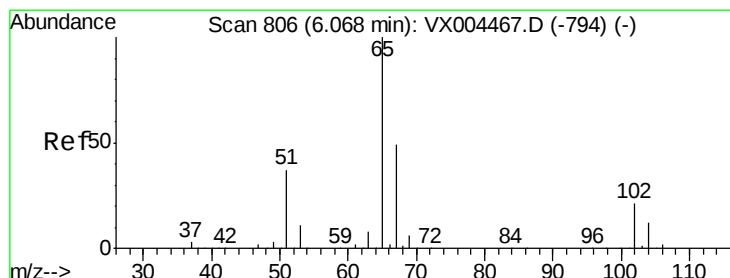
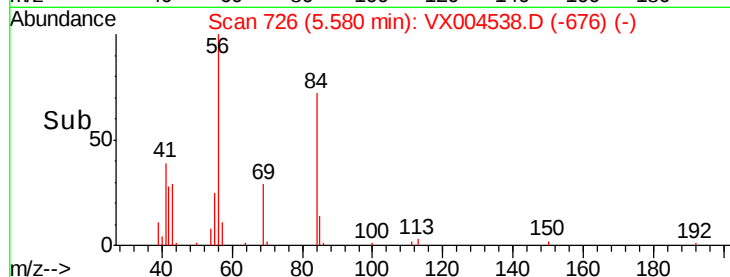
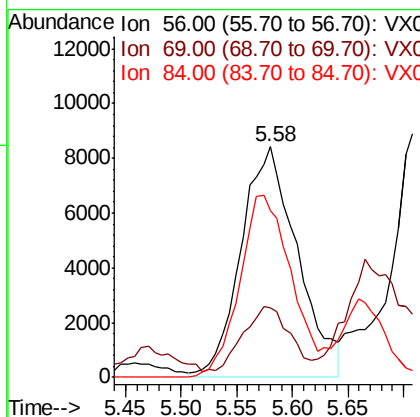
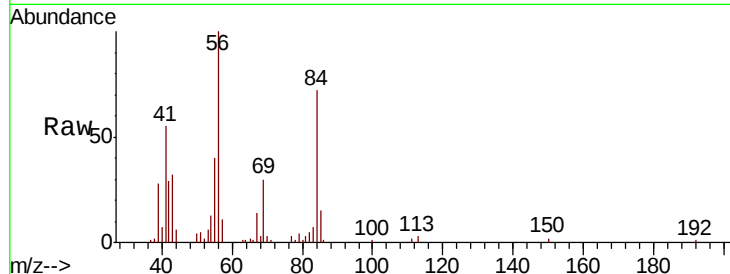
#31
Cyclohexane
Concen: 5.89 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

Tot Ion	Ratio	Lower	Upper
56	100		
69	25.1	25.4	38.2#
84	73.7	71.4	107.2

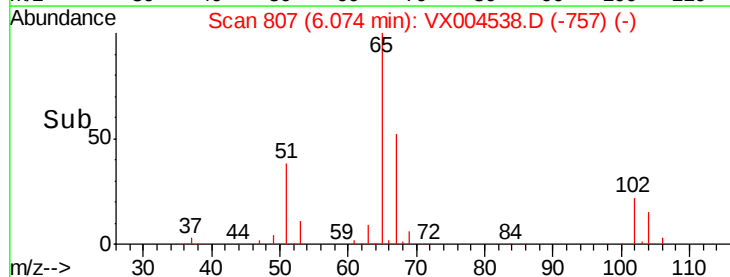
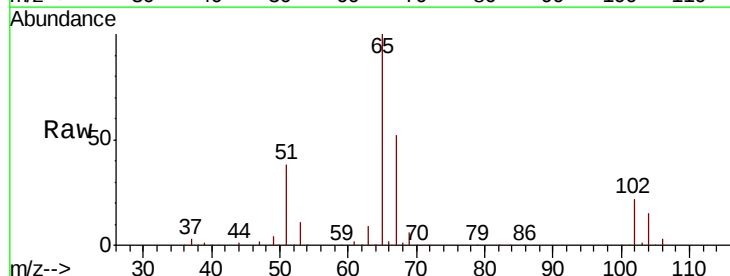
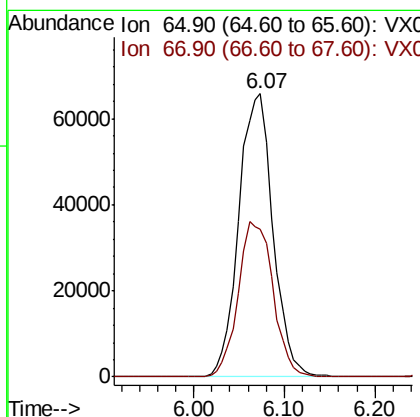
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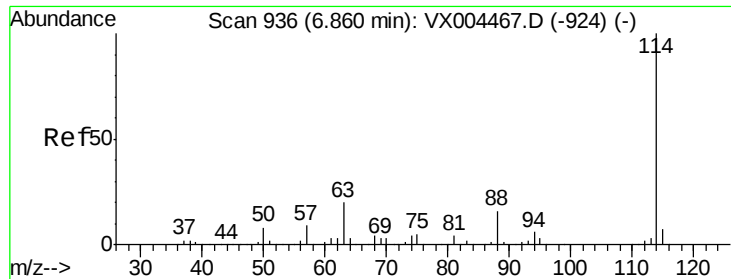
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#33
1,2-Dichloroethane-d4
Concen: 49.48 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	106.8





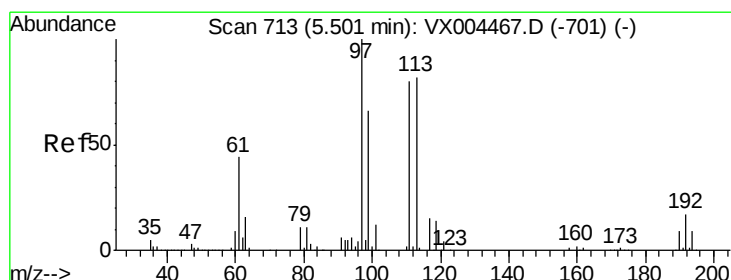
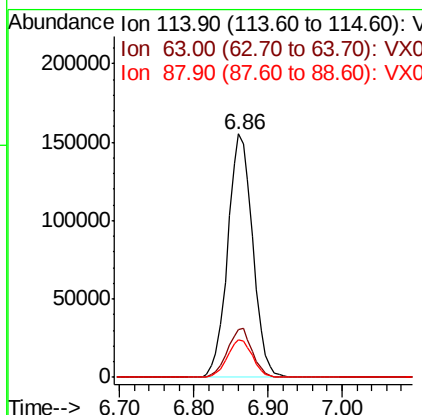
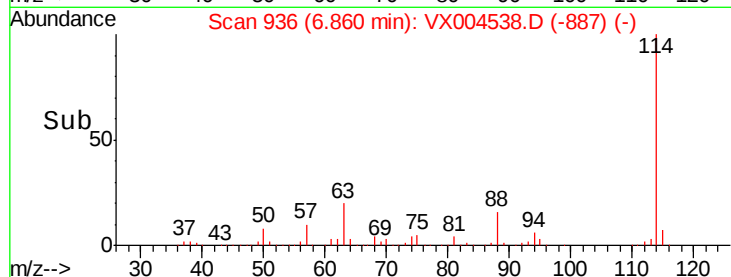
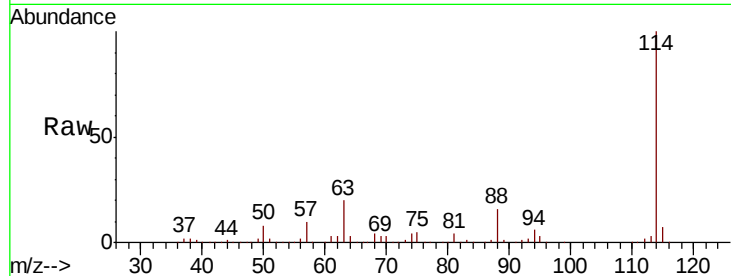
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004538.D
 Acq: 14 Sep 2018 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-091218

Tot Ion	Ratio	Resp	Lower	Upper
114	100	364504		
63	19.7	0.0	39.0	
88	15.6	0.0	30.4	

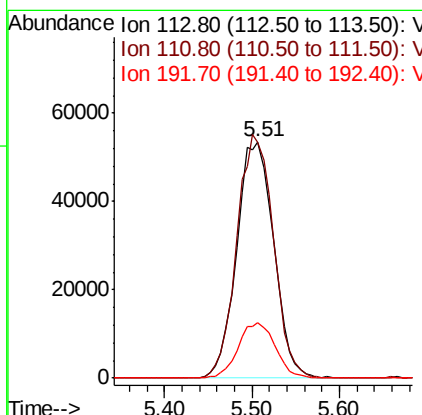
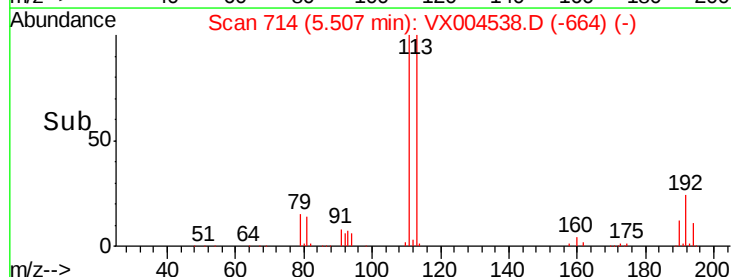
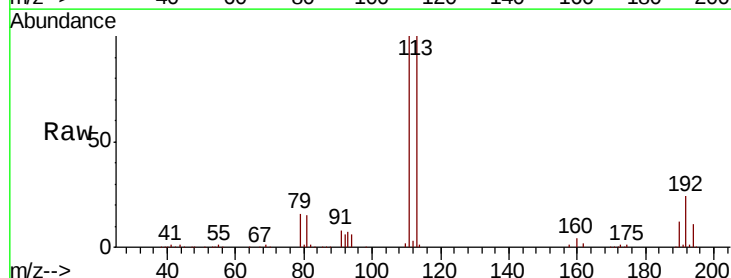
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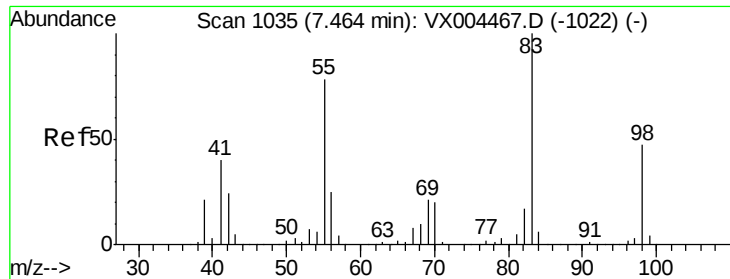
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#35
 Dibromofluoromethane
 Concen: 47.35 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004538.D
 Acq: 14 Sep 2018 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	157945		
111	101.9	82.4	123.6	
192	23.5	19.4	29.2	





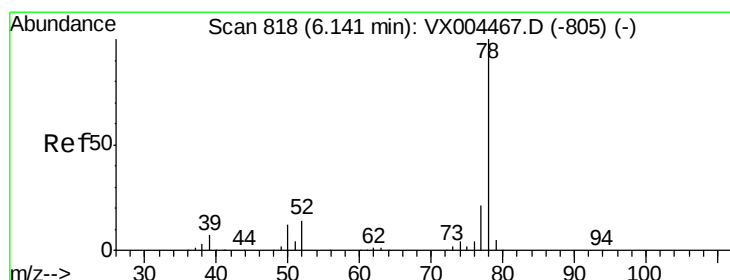
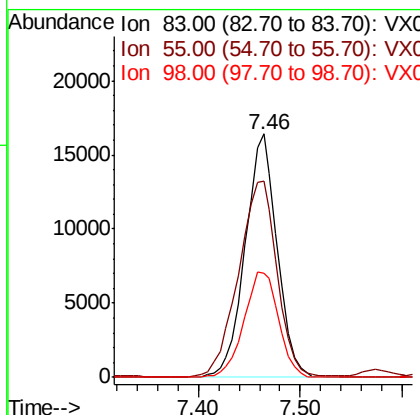
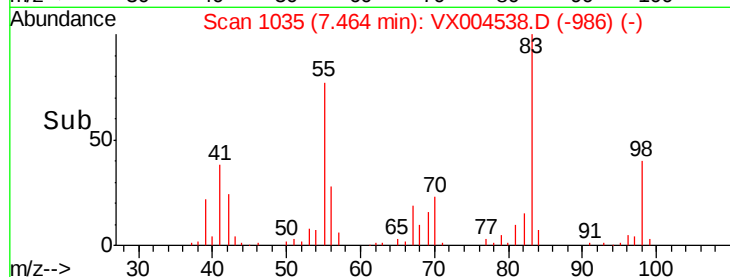
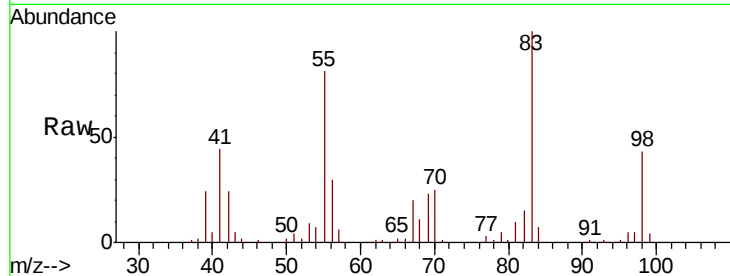
#39
Methylvlcvclohexane
Concen: 7.74 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.0	91.4
98	42.8	39.6	59.4

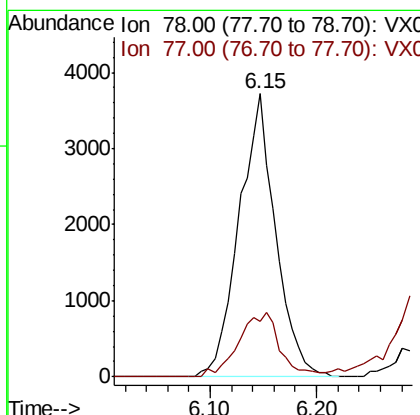
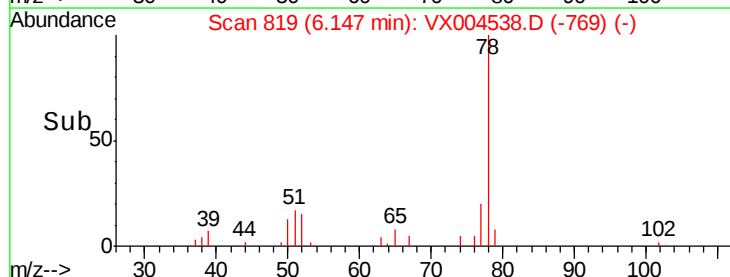
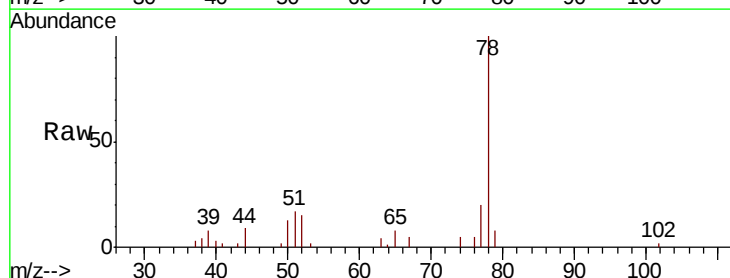
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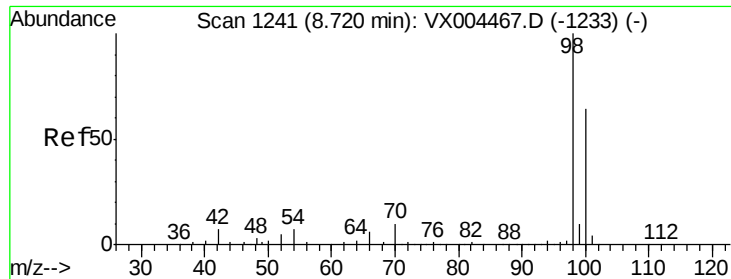
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#40
Benzene
Concen: 0.68 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.7	19.0	28.4





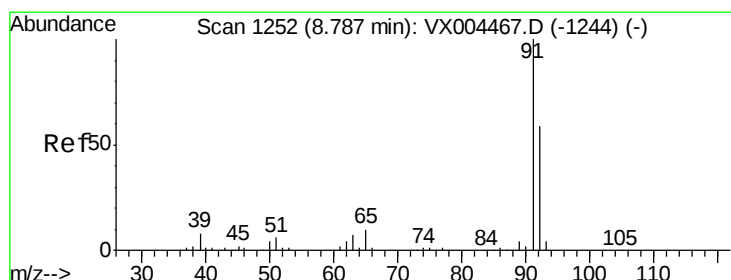
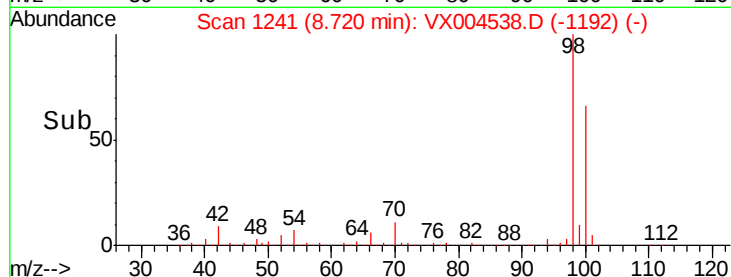
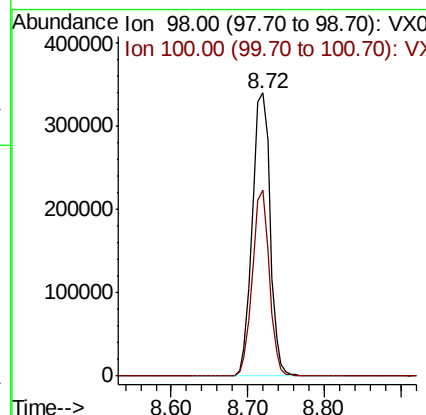
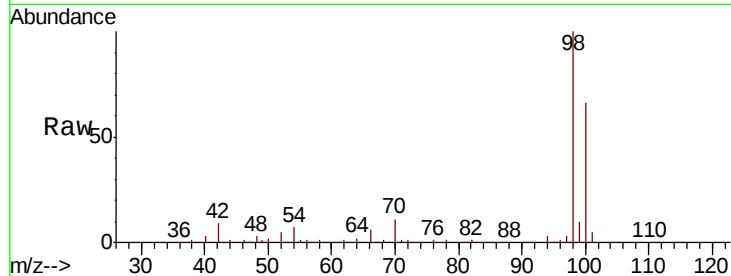
#50
Toluene-d8
Concen: 49.70 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

Tot Ion: 98 Resp: 555888
Ion Ratio Lower Upper
98 100
100 62.3 52.9 79.3

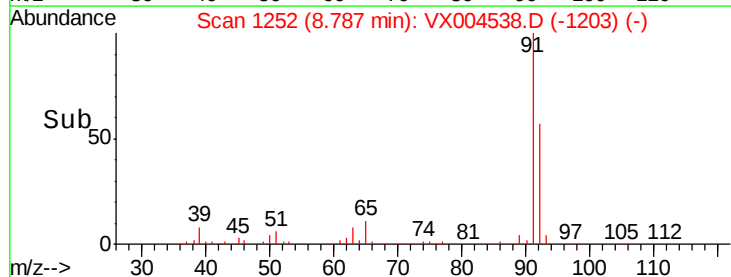
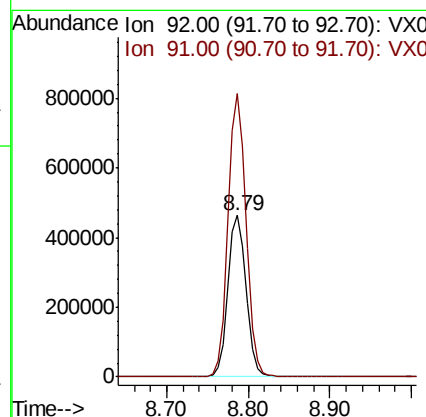
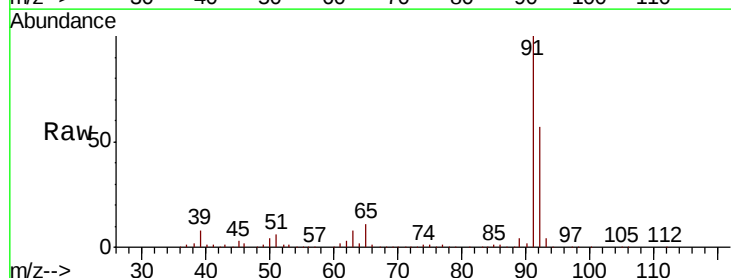
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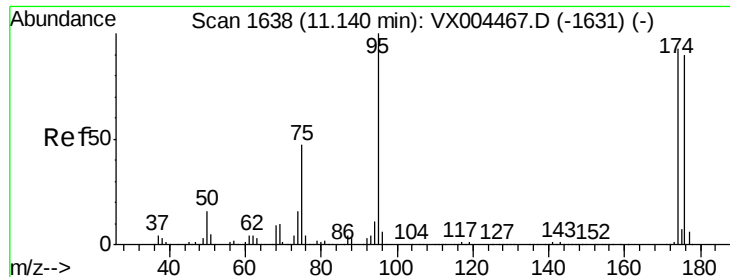
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#52
Toluene
Concen: 92.05 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion: 92 Resp: 712104
Ion Ratio Lower Upper
92 100
91 174.2 136.4 204.6





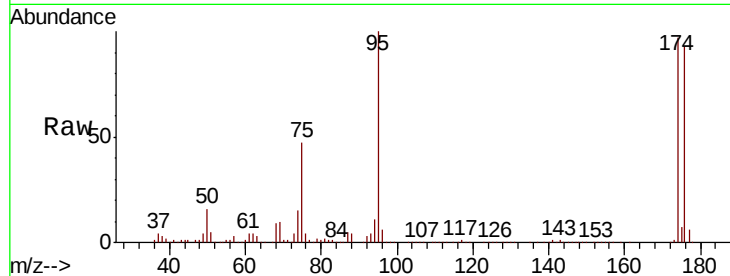
#62
4-Bromofluorobenzene
Concen: 48.93 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

Tot Ion	Ratio	Resp	Lower	Upper
95	100	195380		
174	92.7	0.0	185.2	
176	90.1	0.0	178.6	

Manual Integrations
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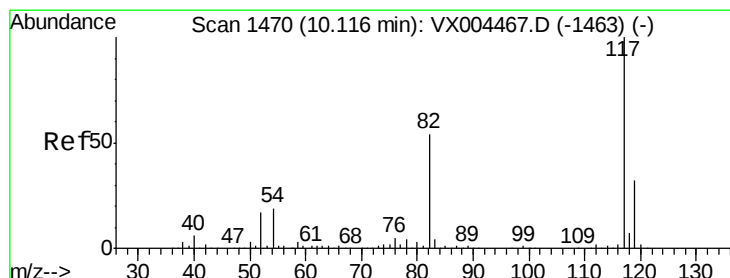
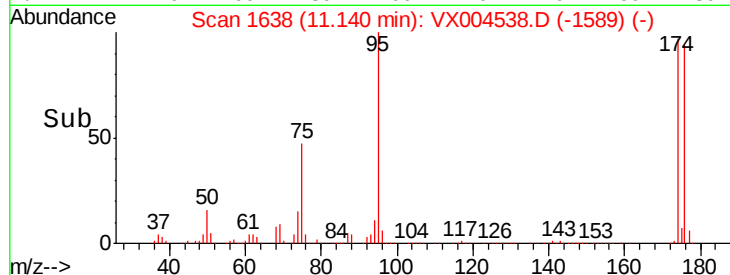
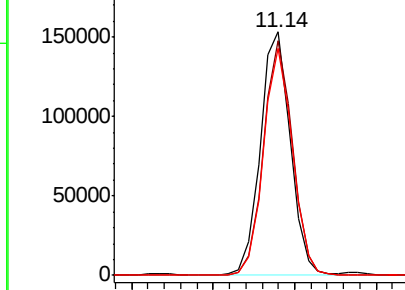


Abundance

Ion 94.90 (94.60 to 95.60): VX004538.D (-1589) (-)

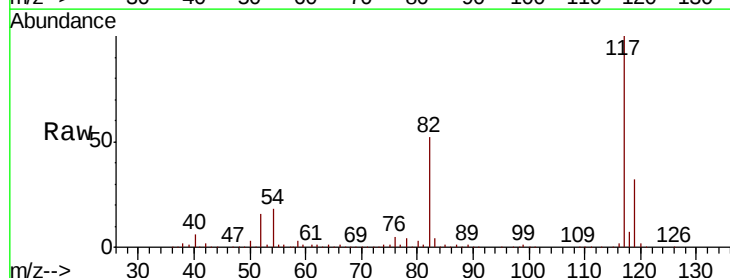
Ion 173.80 (173.50 to 174.50): VX004538.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004538.D (-1589) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	351811		
82	52.2	47.8	71.6	
119	32.2	29.3	43.9	

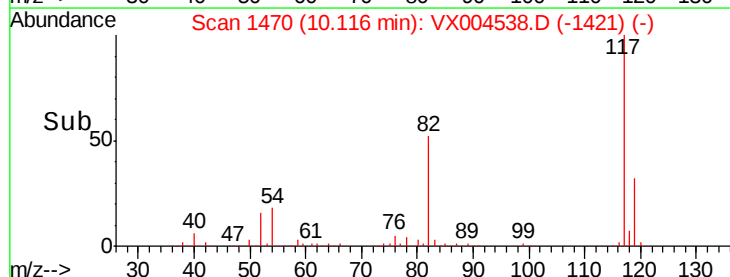
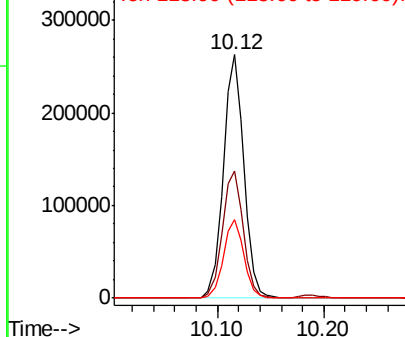


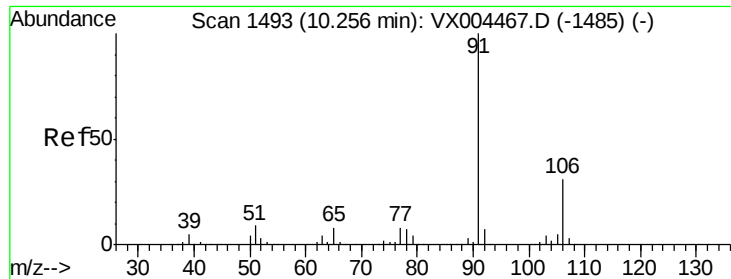
Abundance

Ion 116.90 (116.60 to 117.60): VX004538.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004538.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004538.D (-1421) (-)





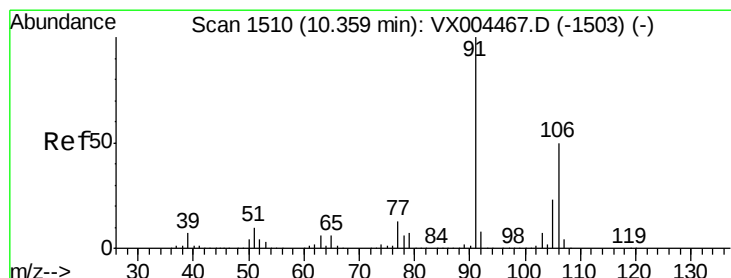
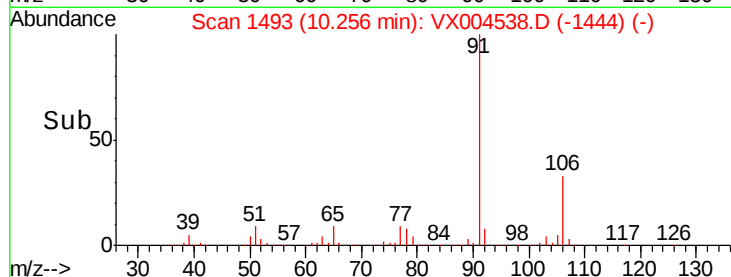
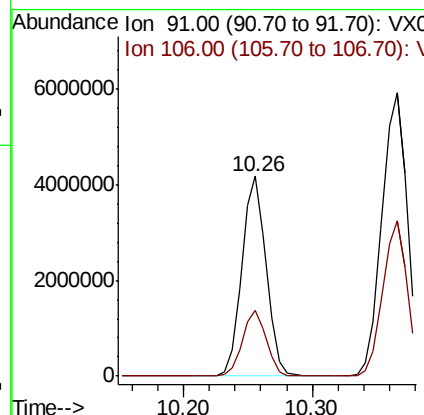
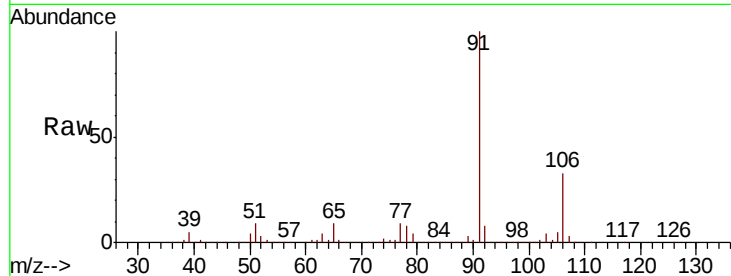
#67
Ethyl Benzene
Concen: 382.56 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampled :
PR-MW-01-091218

Tot Ion: 91 Resp: 5436030
Ion Ratio Lower Upper
91 100
106 33.2 25.9 38.9

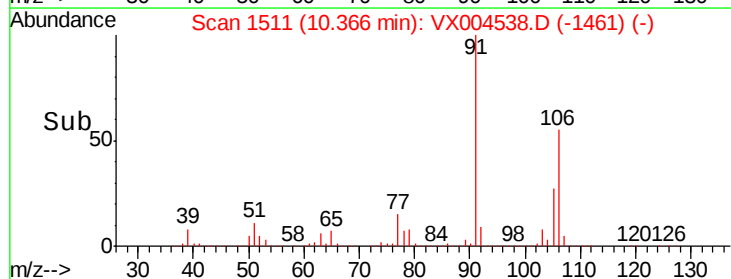
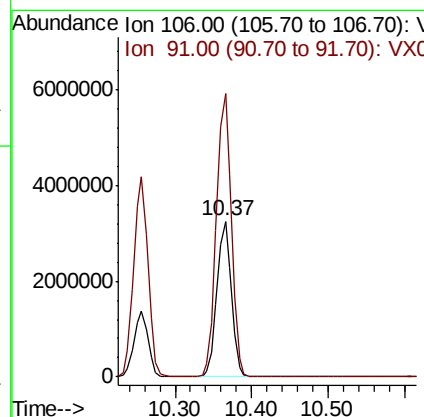
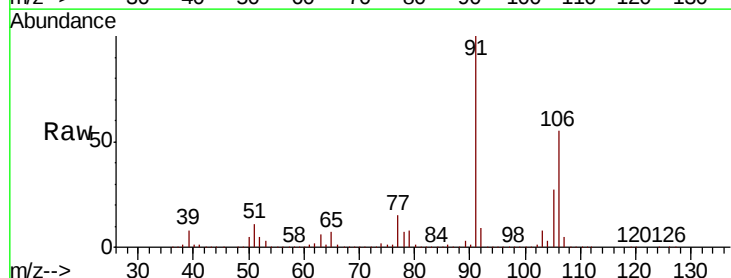
Manual Integrations
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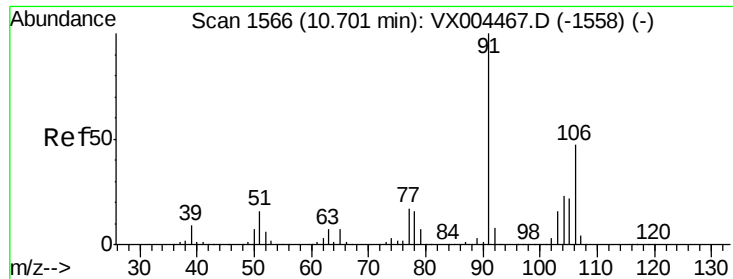
MMDadoda
9/17/2018 5:09:24 PM



#68
m/p-Xylenes
Concen: 781.48 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion: 106 Resp: 4277462
Ion Ratio Lower Upper
106 100
91 188.8 157.1 235.7





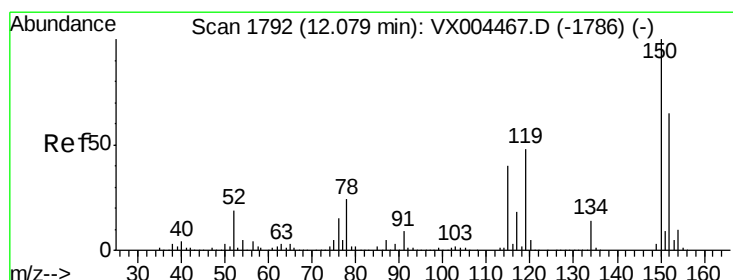
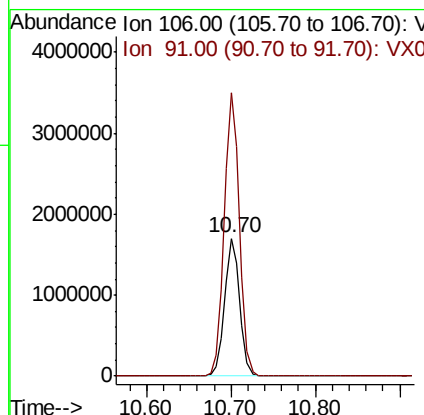
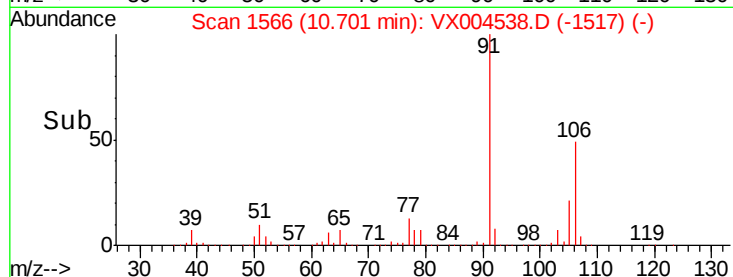
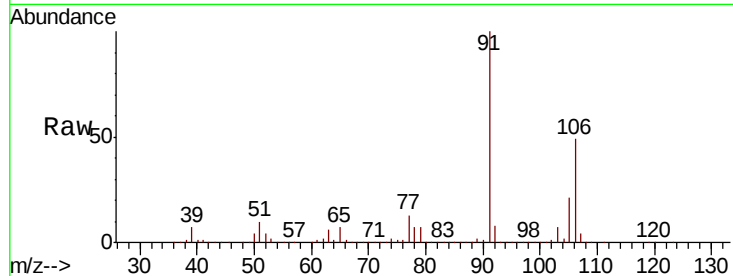
#69
o-Xylene
Concen: 396.80 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

Tot Ion:106 Resp: 2088014
Ion Ratio Lower Upper
106 100
91 208.5 105.1 315.1

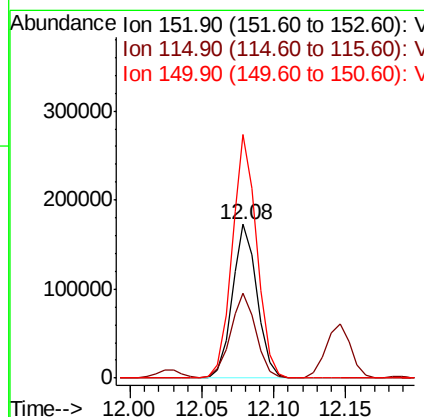
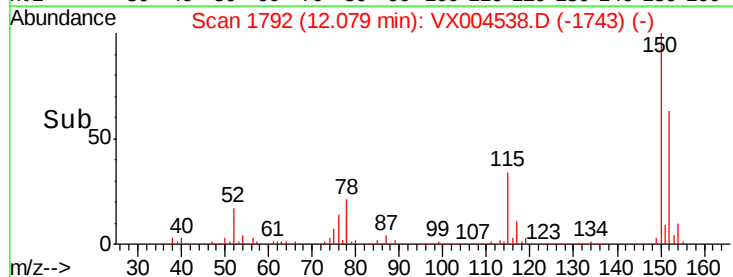
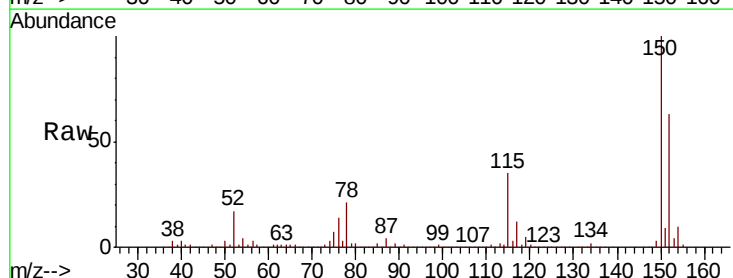
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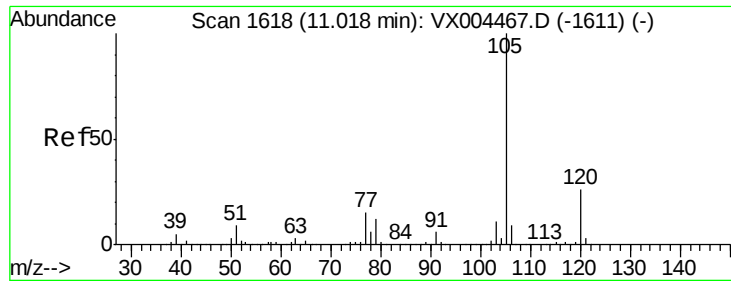
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion:152 Resp: 207501
Ion Ratio Lower Upper
152 100
115 56.1 39.0 117.0
150 157.3 0.0 351.0





#73

Isopropylbenzene

Concen: 35.47 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004538.D

Acq: 14 Sep 2018 14:27

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-091218

Tot Ion:105 Resp: 484777

Ion Ratio Lower Upper

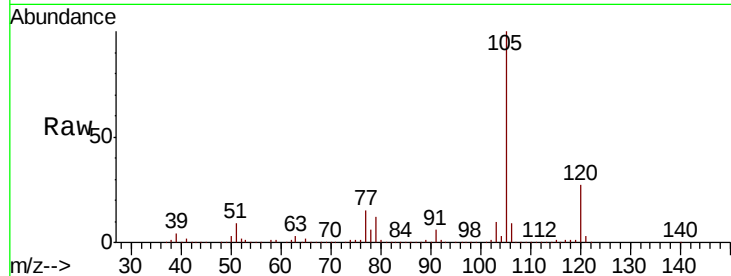
105 100

120 27.0 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

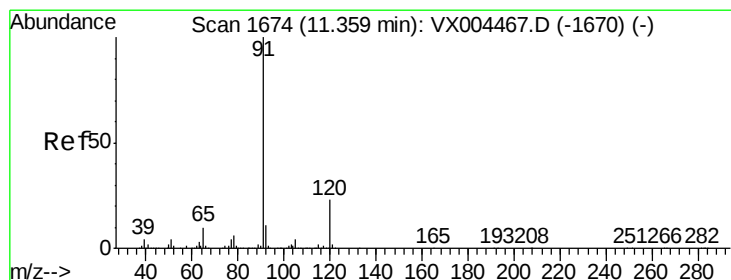
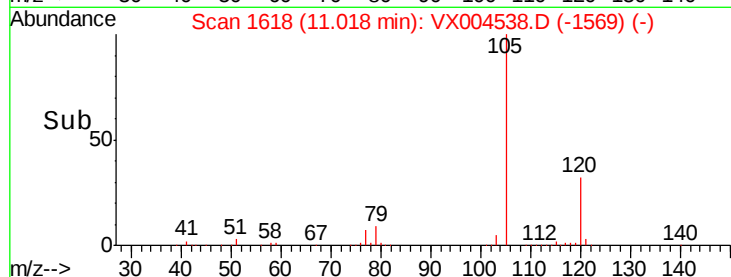
100000

0

11.02

11.10

Time-->



#78

n-propylbenzene

Concen: 42.95 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004538.D

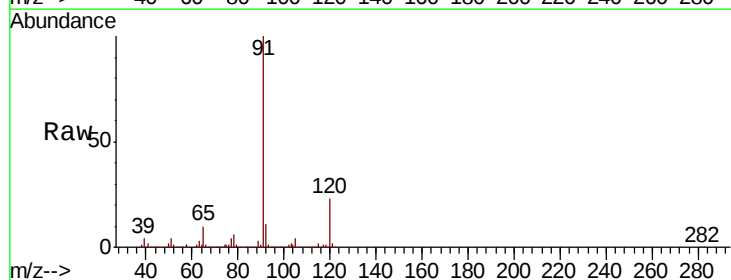
Acq: 14 Sep 2018 14:27

Tgt Ion: 91 Resp: 674828

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

400000

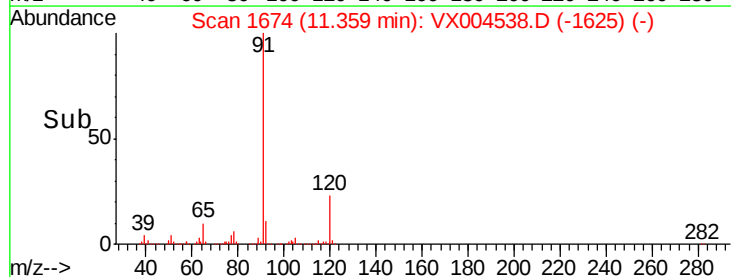
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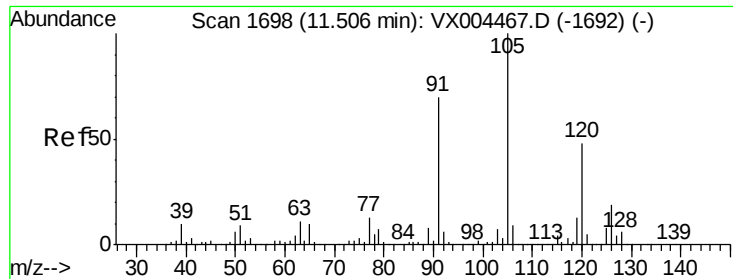
0

11.36

11.40

Time-->





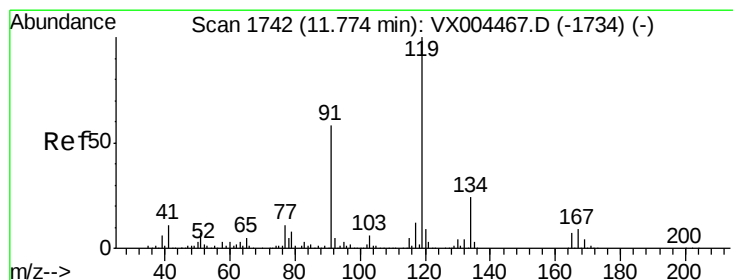
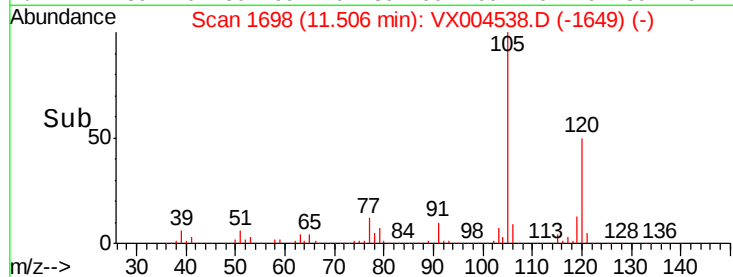
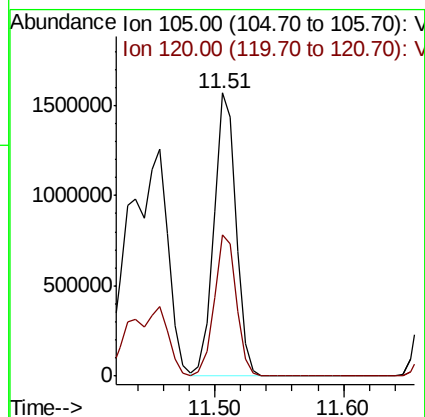
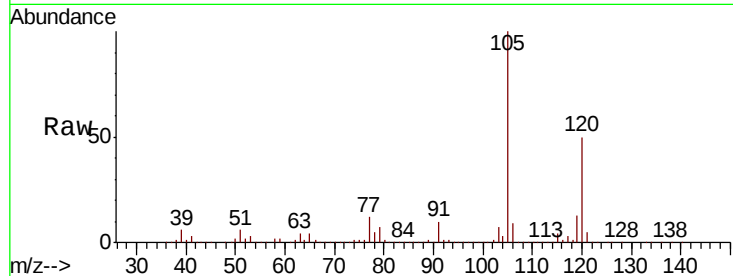
#80
 1,3,5-Trimethylbenzene
 Concen: 165.01 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004538.D
 Acq: 14 Sep 2018 14:27

Instrument :
 MSVOA_X
 ClientSampled :
 PR-MW-01-091218

Tot Ion:105 Resp: 1895705
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8

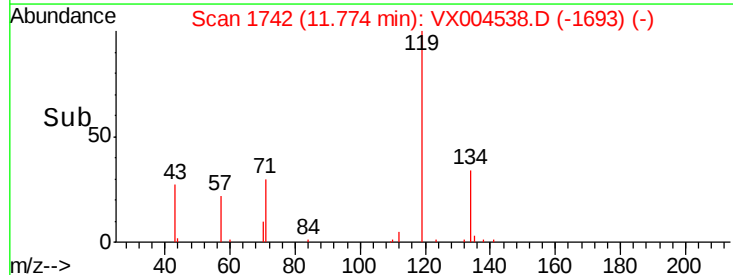
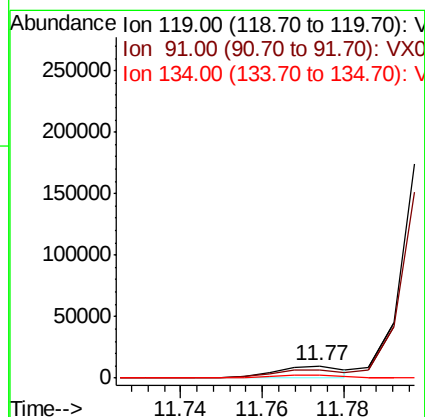
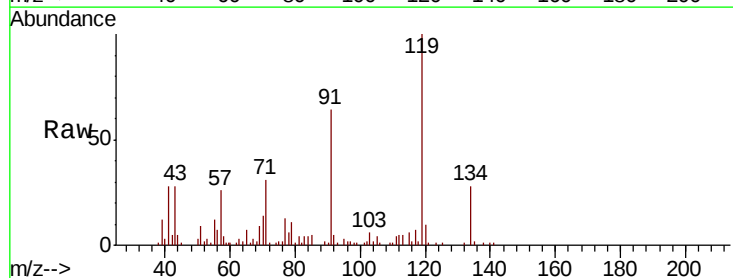
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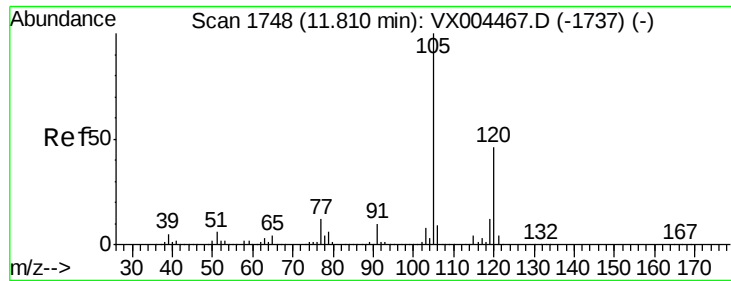
MMDadoda
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#83
 tert-Butylbenzene
 Concen: 1.06 ug/l m
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004538.D
 Acq: 14 Sep 2018 14:27

Tgt Ion:119 Resp: 11637
 Ion Ratio Lower Upper
 119 100
 91 5103.4 27.0 81.0#
 134 0.0 11.7 35.1#





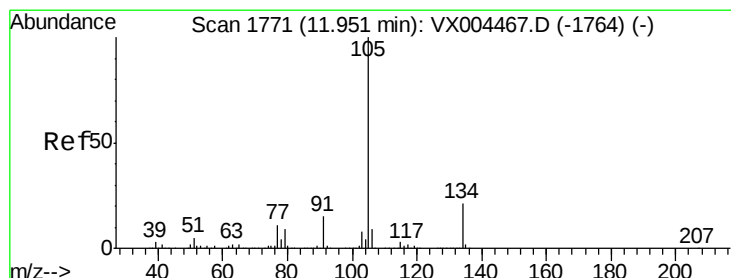
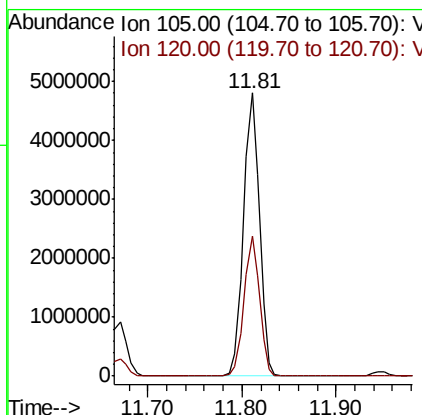
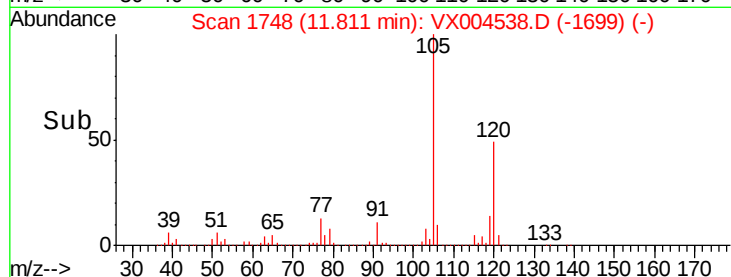
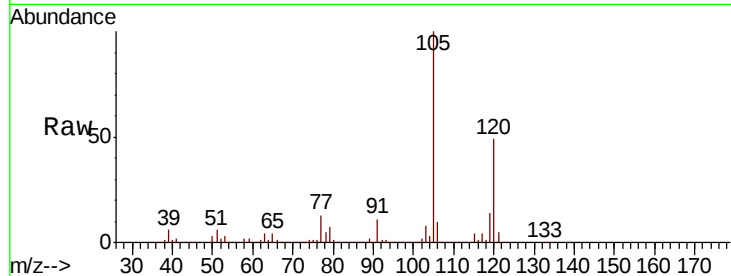
#84
 1,2,4-Trimethylbenzene
 Concen: 484.55 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004538.D
 Acq: 14 Sep 2018 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-091218

Tot Ion:105 Resp: 5683564
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.2 69.6

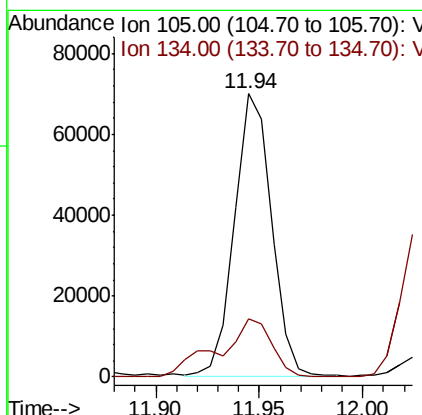
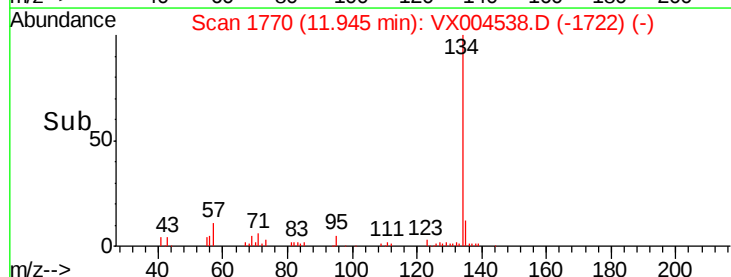
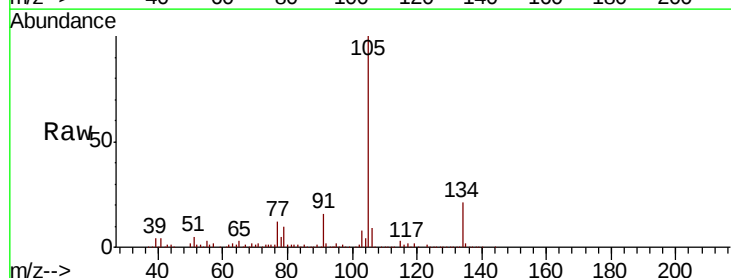
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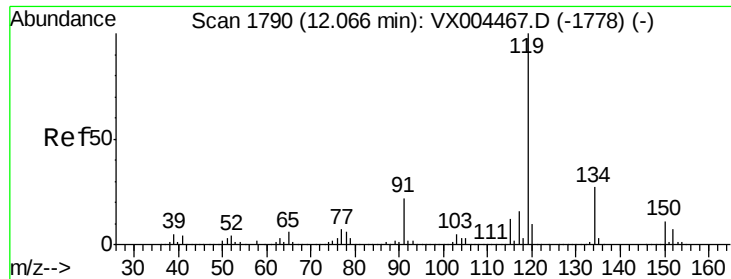
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#85
 sec-Butylbenzene
 Concen: 6.27 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004538.D
 Acq: 14 Sep 2018 14:27

Tgt Ion:105 Resp: 87458
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#





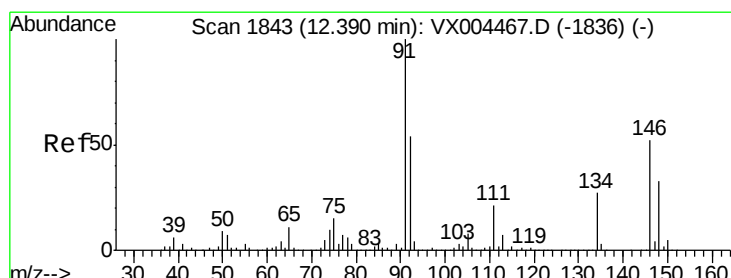
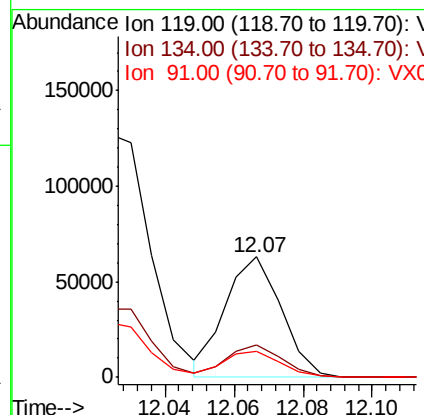
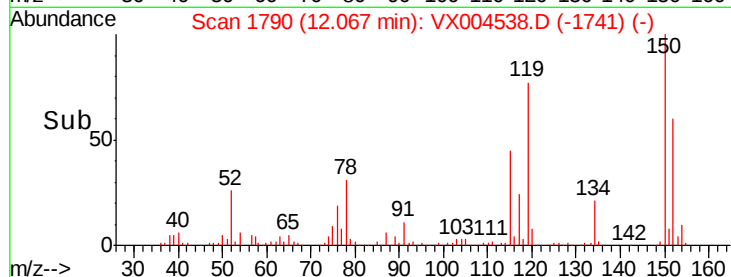
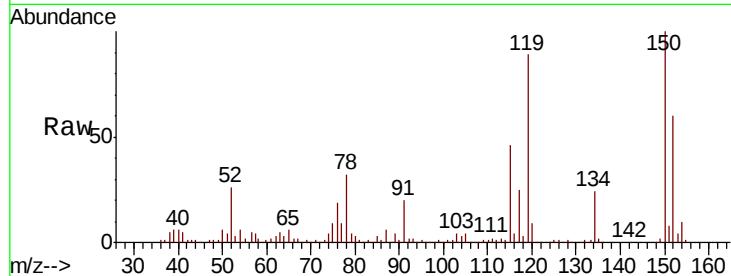
#86
p-Isopropyltoluene
Concen: 5.84 ug/l m
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

Tot Ion	Ratio	Lower	Upper
119	100		
134	62.3	13.4	40.2#
91	49.2	10.9	32.7#

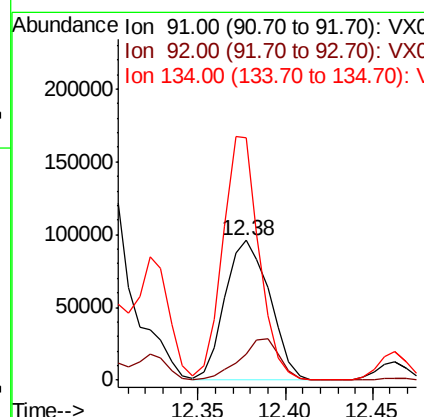
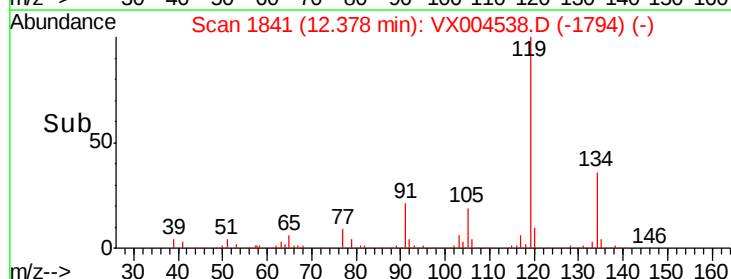
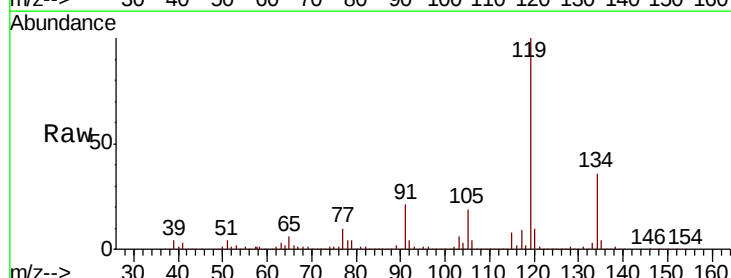
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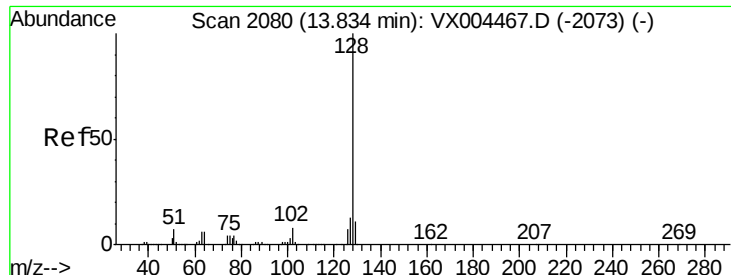
MMDadoda
9/17/2018 5:09:24 PM



#89
n-Butylbenzene
Concen: 15.06 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	26.6	27.3	81.9#
134	142.4	13.6	40.7#





#95
Naphthalene
Concen: 195.56 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004538.D
Acq: 14 Sep 2018 14:27

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-091218

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.2	8.6	12.8

Manual Integrations
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