

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014457.D
 Acq On : 07 Jan 2020 18:54
 Operator : JC/SP
 Sample : K6347-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
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Quant Time: Jan 08 03:14:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	557874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	843867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	778984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	296178	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	5.49	113	246831	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	1010850	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	366842	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
Target Compounds						
					Qvalue	
25) 2-Butanone	4.67	43	15130	3.252	ug/l	93
31) Cyclohexane	5.58	56	366404	38.492	ug/l	100
39) Methylcyclohexane	7.46	83	128122	12.851	ug/l	98
40) Benzene	6.14	78	7821106	332.060	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	20923	2.466	ug/l	98
52) Toluene	8.78	92	8489699	563.073	ug/l	91
67) Ethyl Benzene	10.25	91	2749905	95.436	ug/l	100
68) m/p-Xylenes	10.36	106	2777699	249.876	ug/l	98
69) o-Xylene	10.70	106	1143355	107.799	ug/l	99
73) Isopropylbenzene	11.01	105	69245	2.430	ug/l	98
78) n-propylbenzene	11.35	91	181371	5.558	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	238832	10.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	803882	33.632	ug/l	98
85) sec-Butylbenzene	11.94	105	9761m	0.351	ug/l	
86) p-Isopropyltoluene	12.06	119	6767	0.262	ug/l #	84
89) n-Butylbenzene	12.38	91	21975	0.932	ug/l #	34
95) Naphthalene	13.83	128	212044	7.006	ug/l	100

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

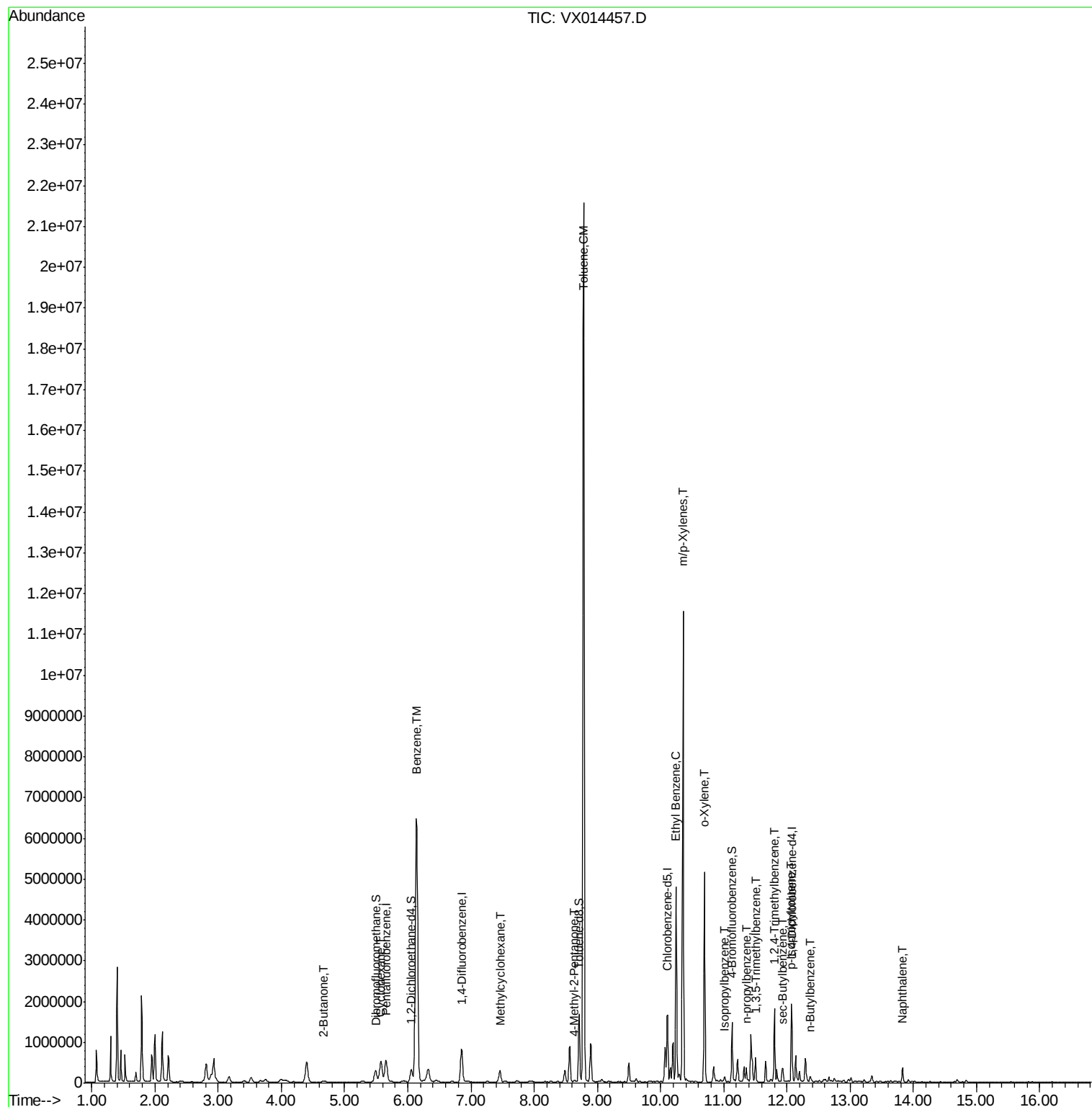
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010720\
Data File : VX014457.D
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Operator : JC/SP
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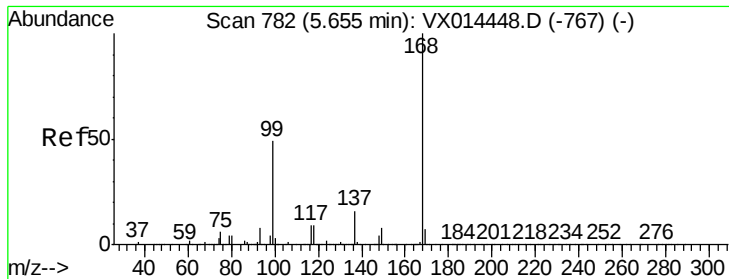
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Quant Time: Jan 08 03:14:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
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#1

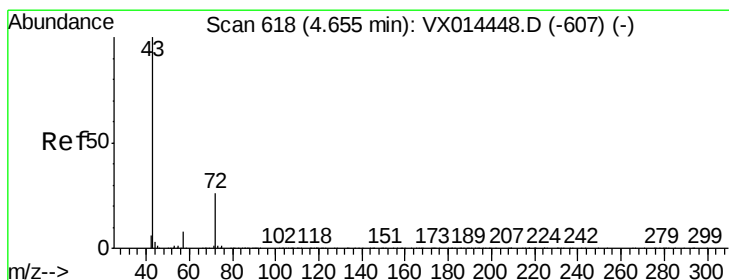
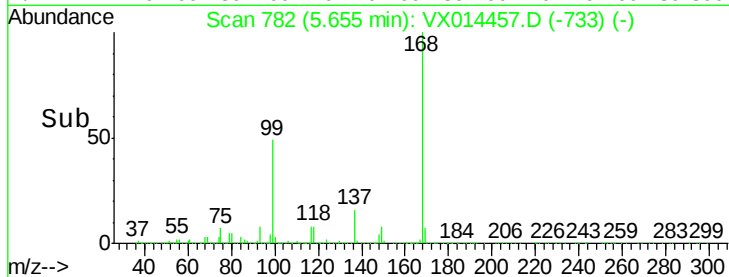
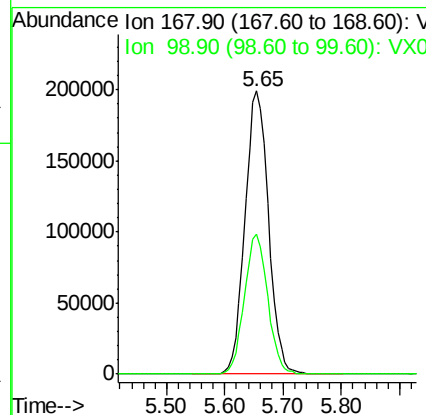
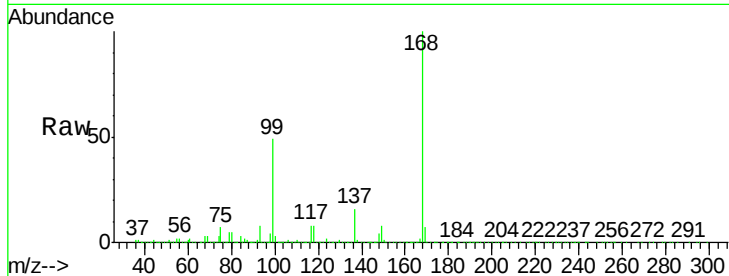
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	557874		
99	49.4	39.2	58.8	

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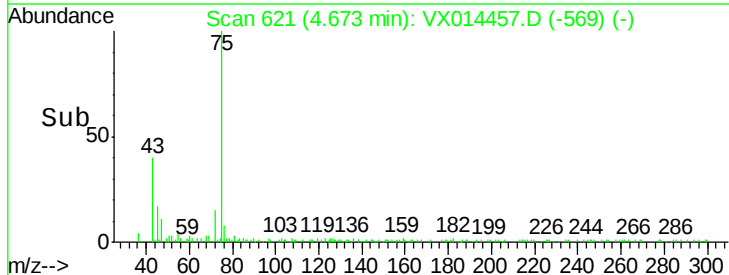
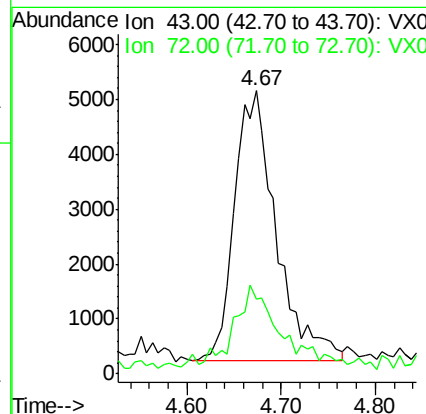
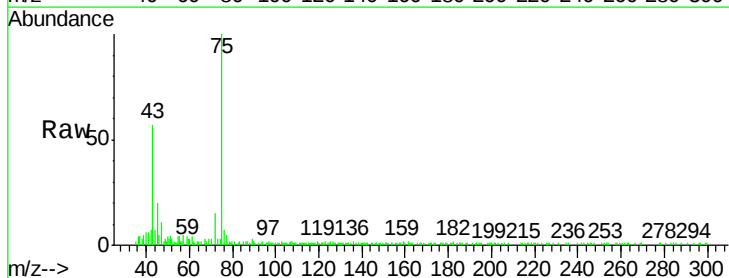
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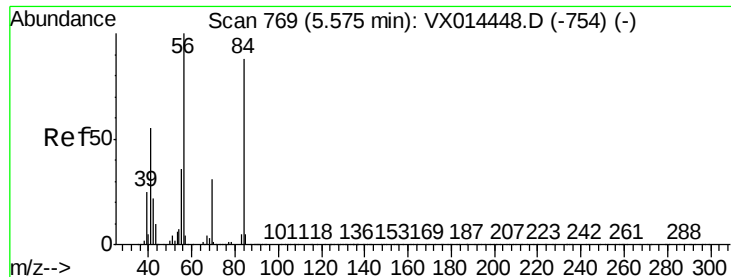


#25

2-Butanone
Concen: 3.252 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	15130		
72	22.3	20.6	31.0	





#31

Cyclohexane

Concen: 38.492 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

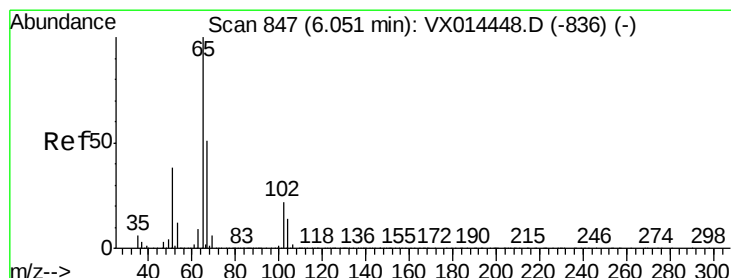
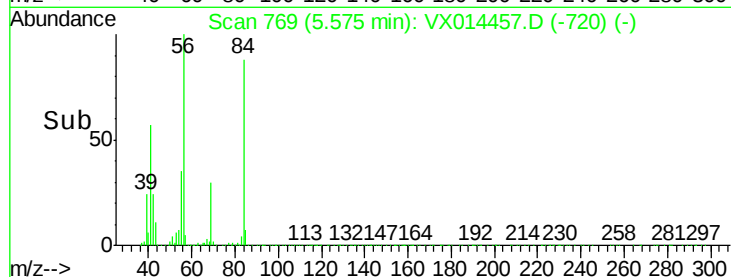
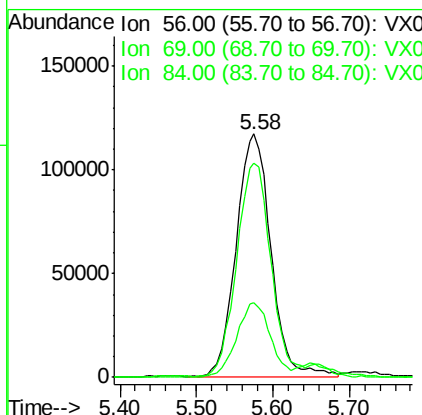
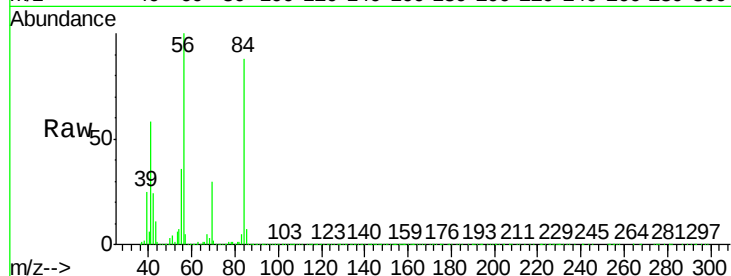
ClientSampled :

MW-3

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.4	36.6
84	88.1	70.6	106.0

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#33

1,2-Dichloroethane-d4

Concen: 47.558 ug/l

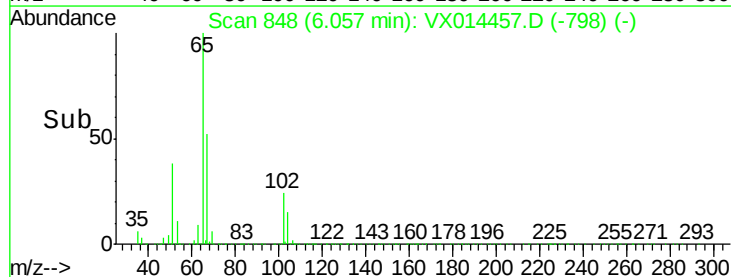
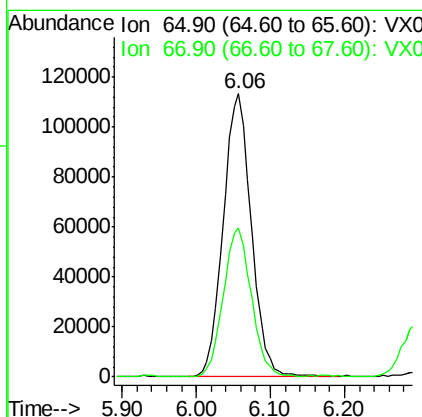
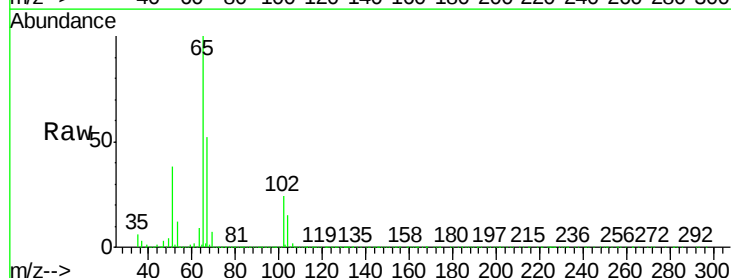
RT: 6.06 min Scan# 848

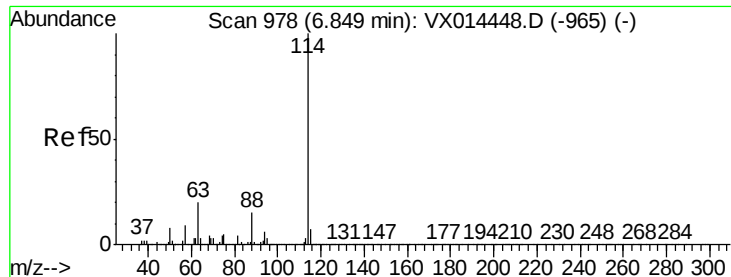
Delta R.T. 0.01 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

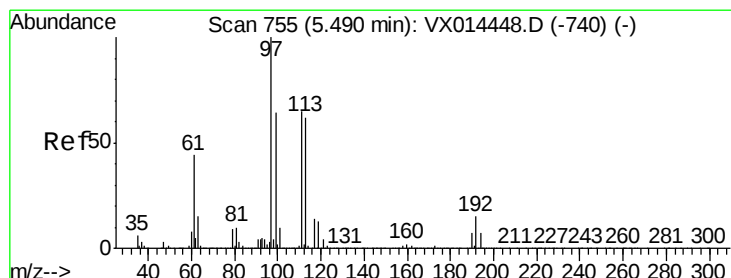
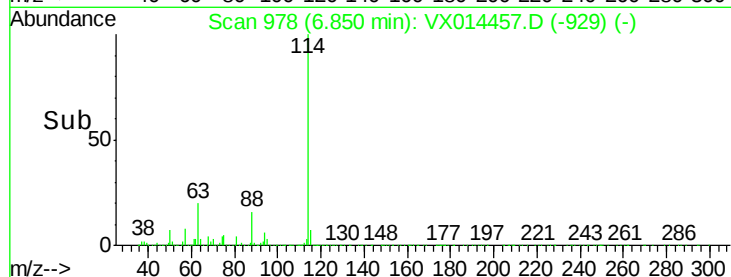
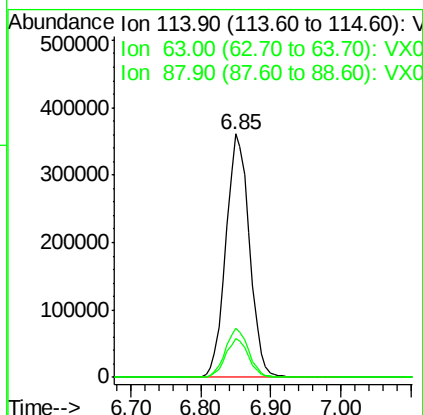
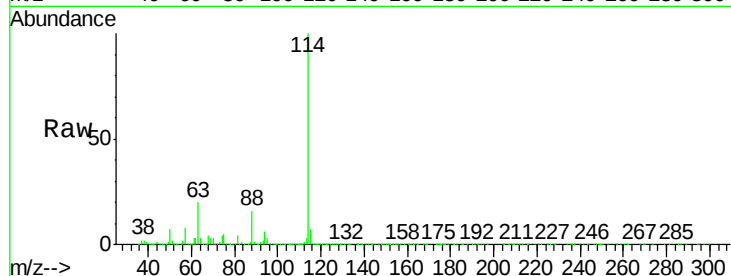
ClientSampleId :

MW-3

Tgt Ion:	114	Resp:	843867
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	39.6
88	16.1	0.0	30.8

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#35

Dibromofluoromethane

Concen: 48.320 ug/l

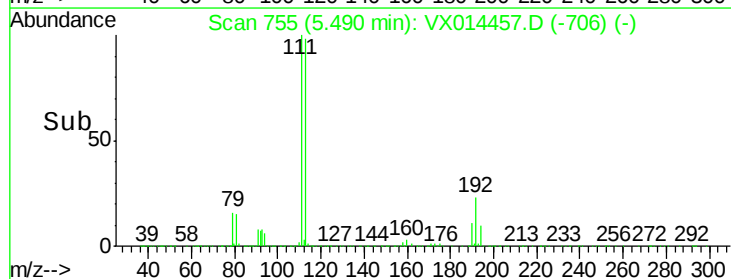
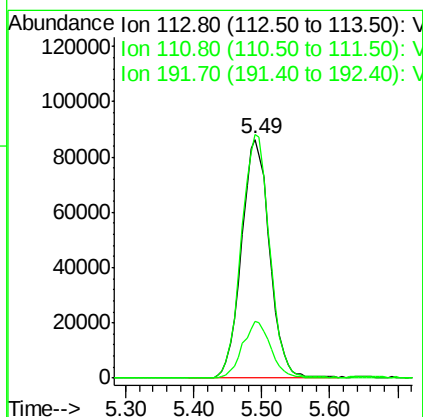
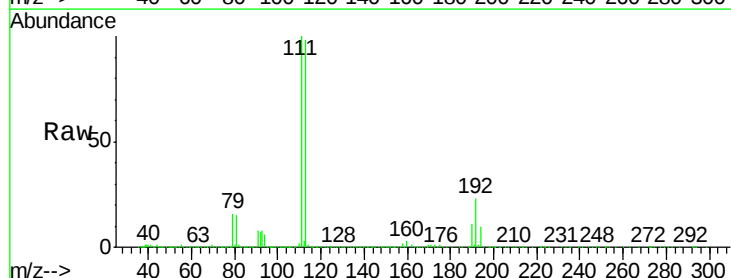
RT: 5.49 min Scan# 755

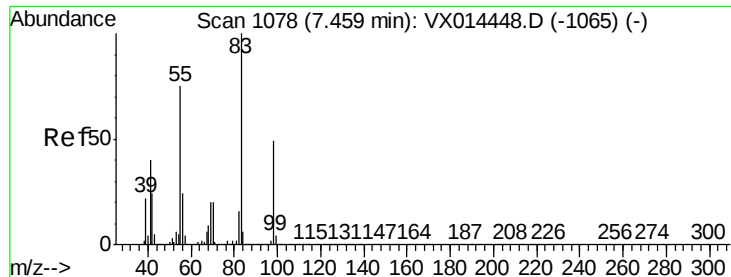
Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Tgt Ion:	113	Resp:	246831
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.5	122.3
192	24.0	19.2	28.8





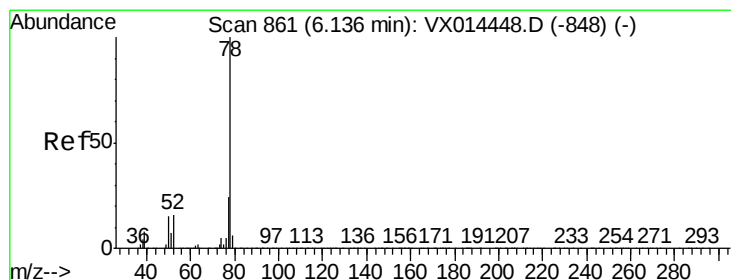
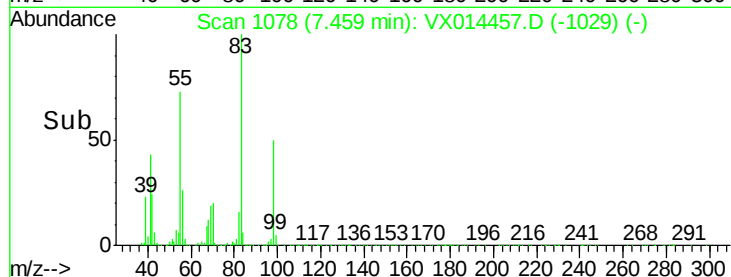
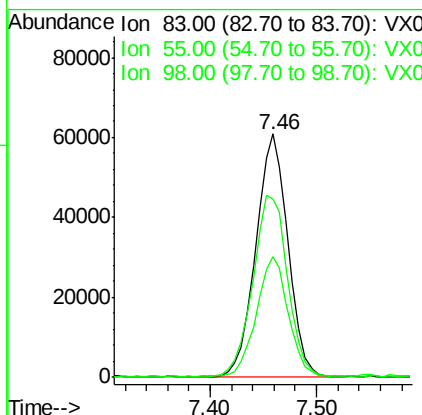
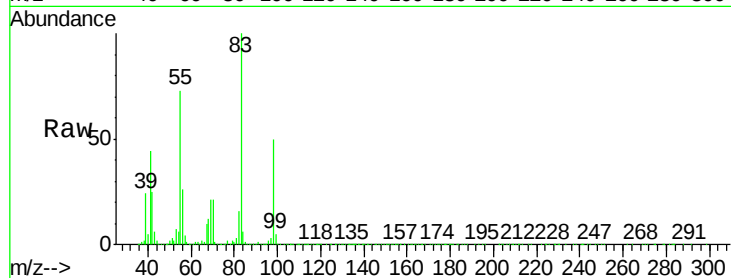
#39
Methylcyclohexane
Concen: 12.851 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.7	89.5
98	49.6	39.1	58.7

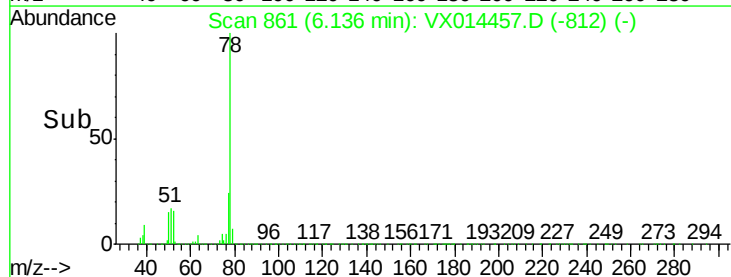
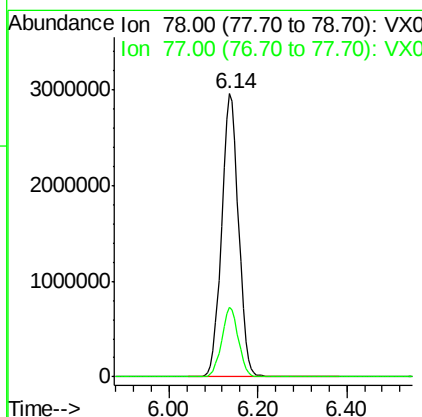
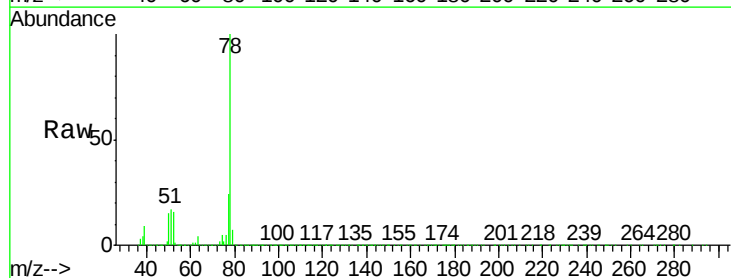
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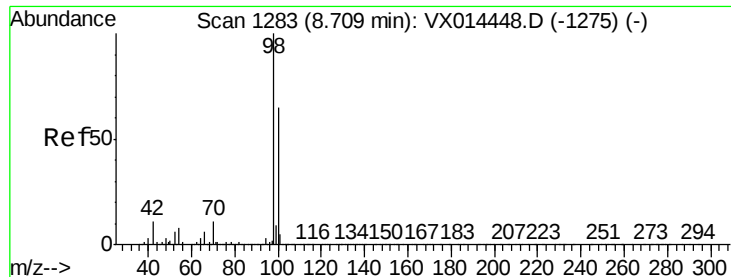
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#40
Benzene
Concen: 332.060 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





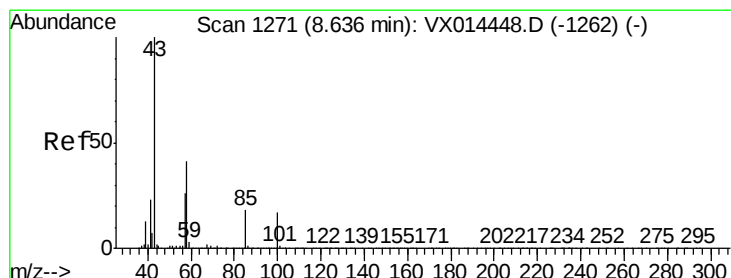
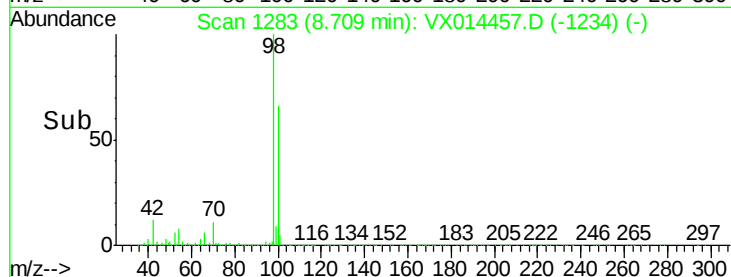
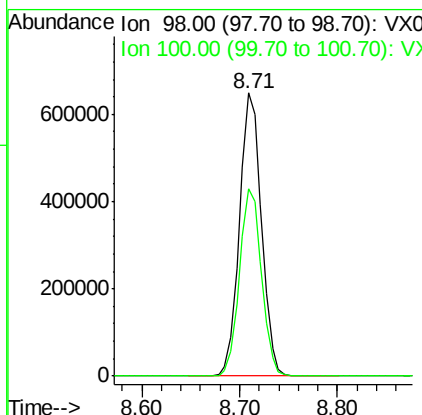
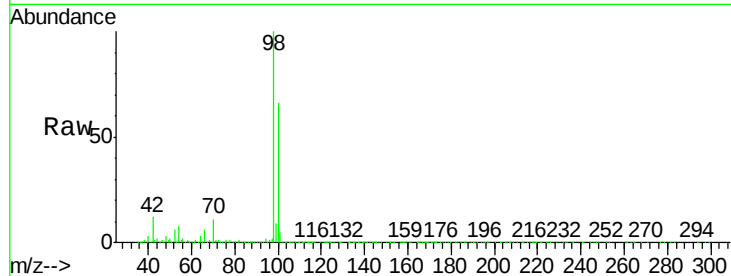
#50
Toluene-d8
Concen: 50.992 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion: 98 Resp: 1010850
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

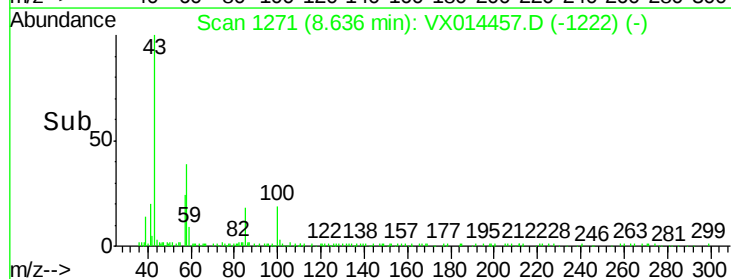
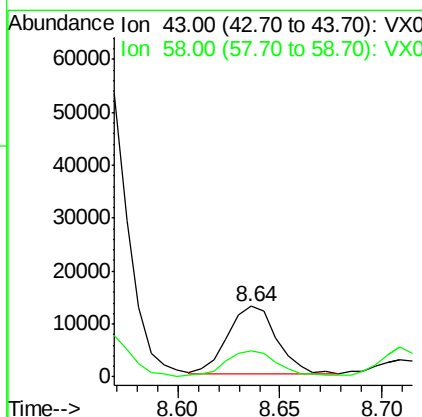
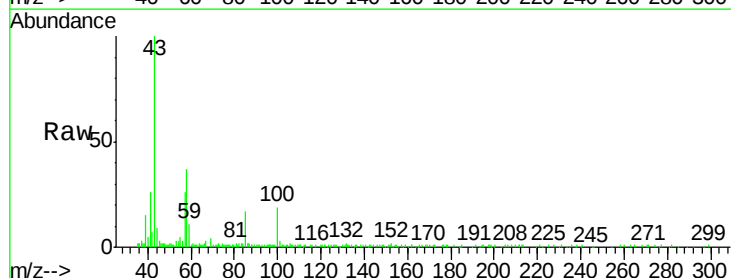
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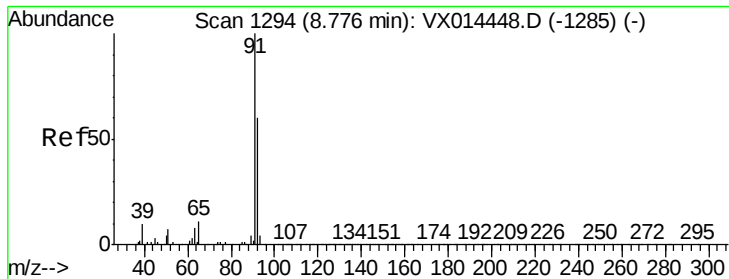
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#51
4-Methyl-2-Pentanone
Concen: 2.466 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion: 43 Resp: 20923
Ion Ratio Lower Upper
43 100
58 39.5 32.4 48.6





#52

Toluene

Concen: 563.073 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion: 92 Resp: 8489699

Ion Ratio Lower Upper

92 100

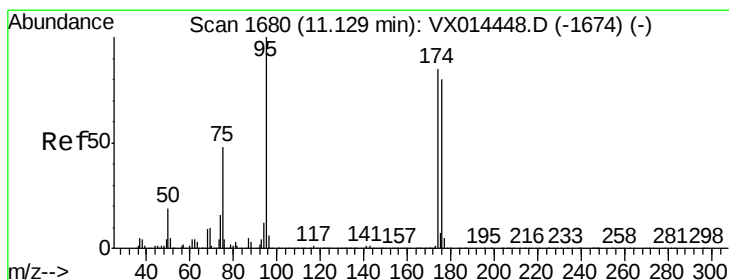
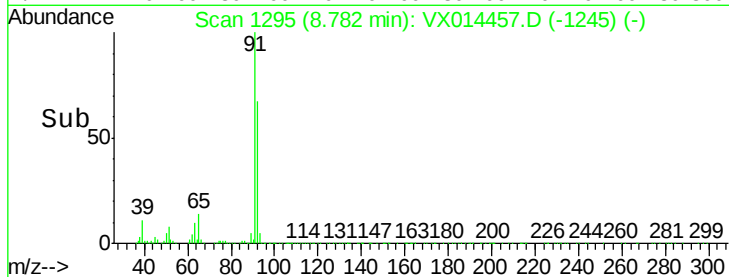
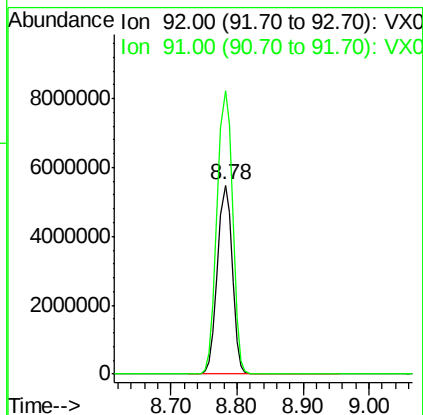
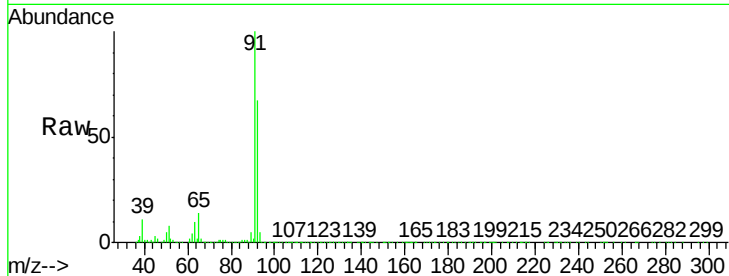
91 157.7 135.7 203.5

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#62

4-Bromofluorobenzene

Concen: 50.408 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

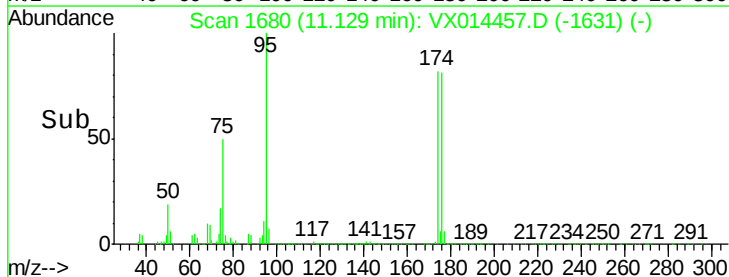
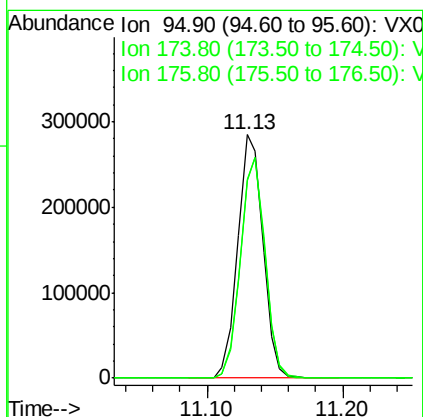
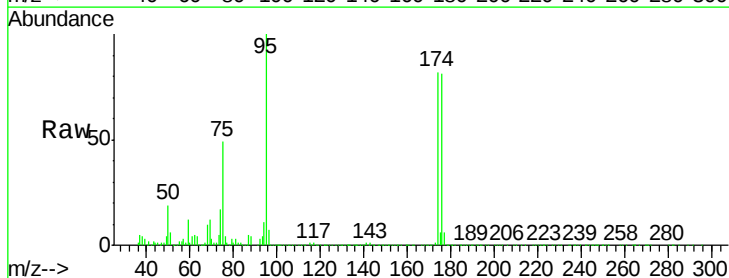
Tgt Ion: 95 Resp: 366842

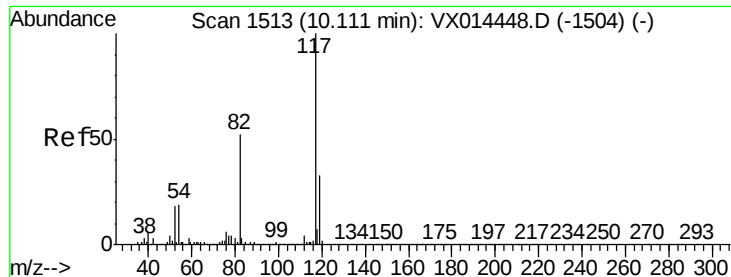
Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.8

176 88.2 0.0 172.8





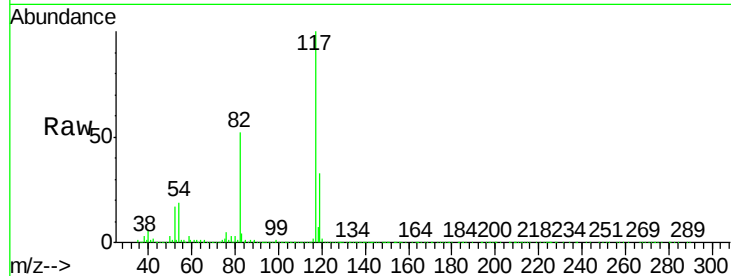
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
MW-3

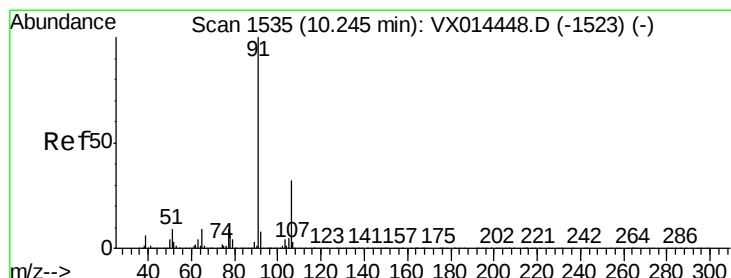
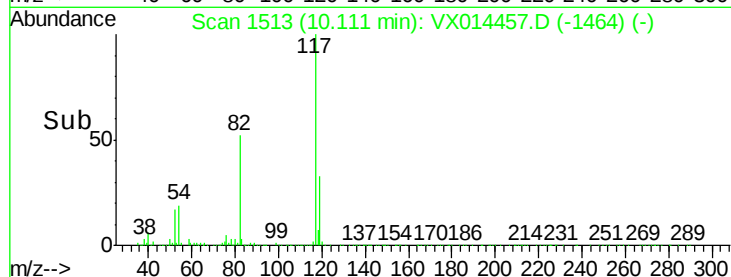
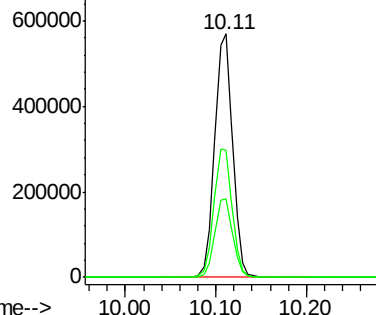
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.6
119	32.5	26.2	39.4

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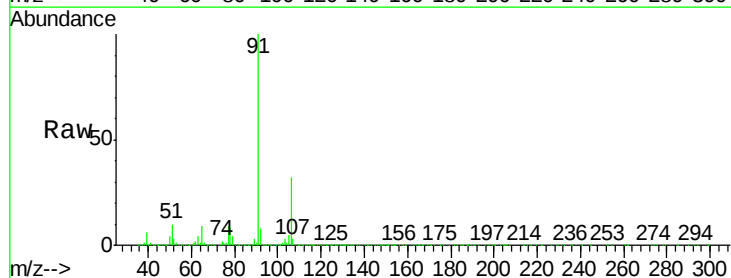


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

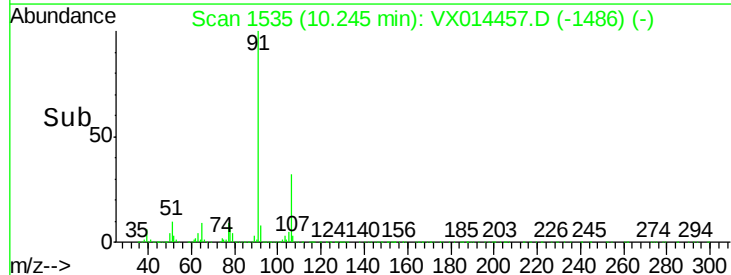
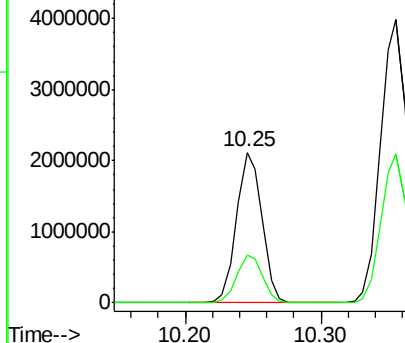


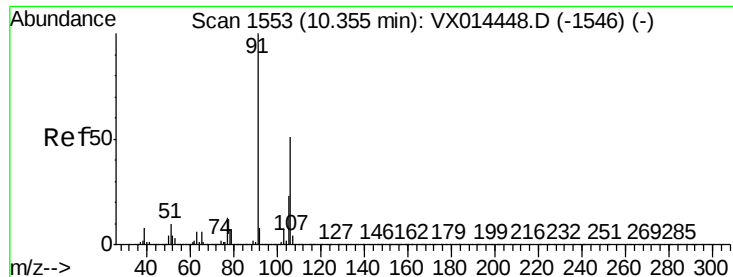
#67
Ethyl Benzene
Concen: 95.436 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.6	38.4



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





#68

m/p-Xylenes

Concen: 249.876 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampled :

MW-3

Tgt Ion:106 Resp: 2777699

Ion Ratio Lower Upper

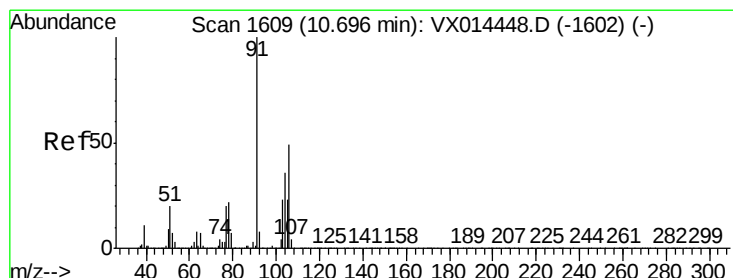
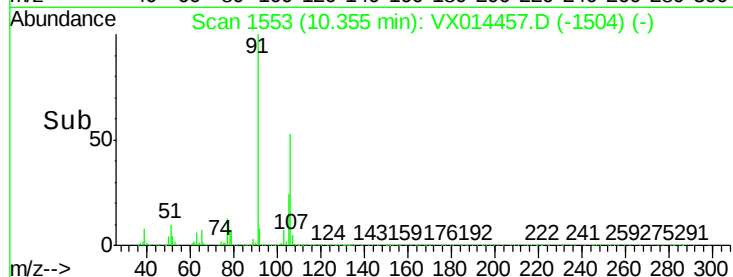
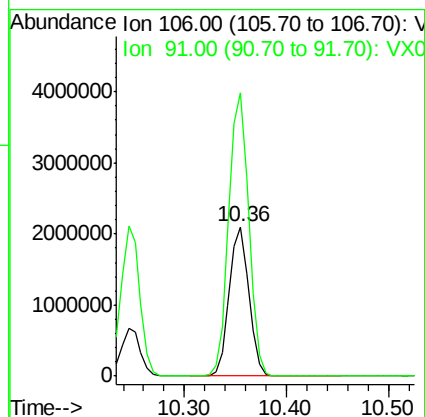
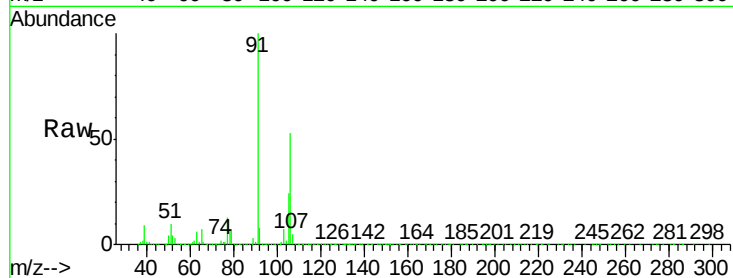
106 100

91 194.3 157.4 236.0

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#69

o-Xylene

Concen: 107.799 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014457.D

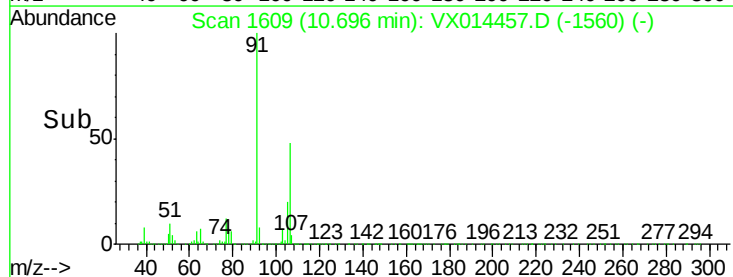
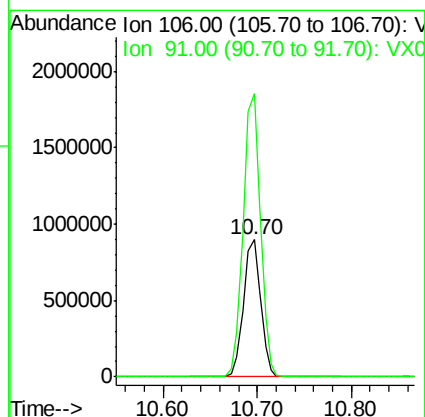
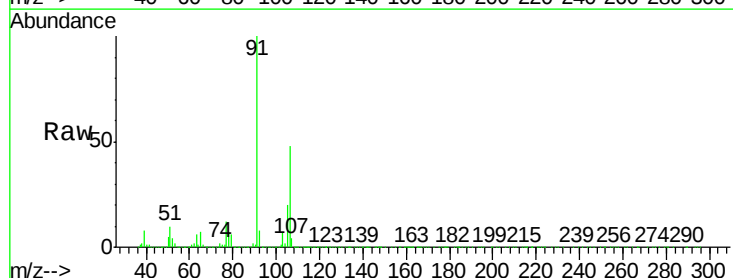
Acq: 07 Jan 2020 18:54

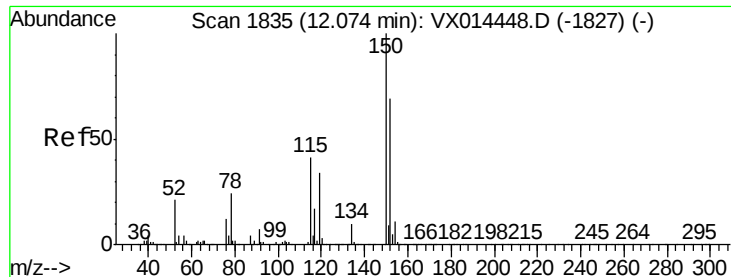
Tgt Ion:106 Resp: 1143355

Ion Ratio Lower Upper

106 100

91 208.2 105.1 315.1





#72

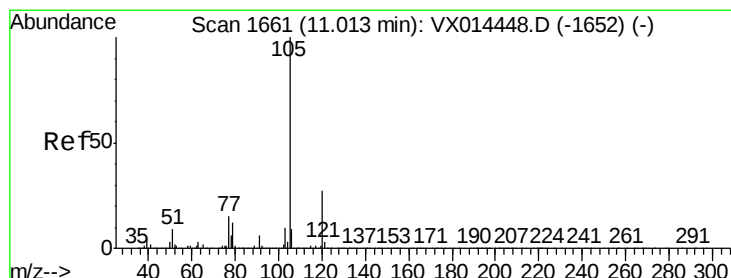
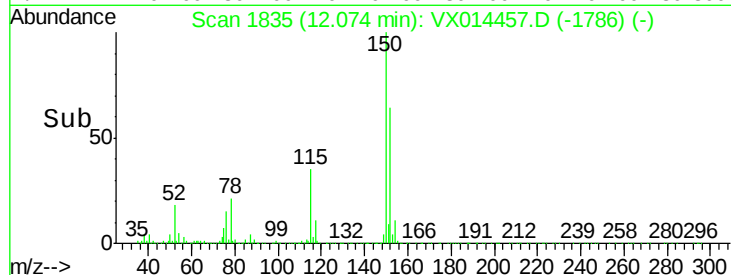
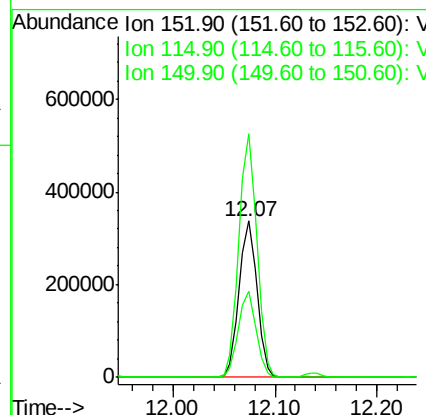
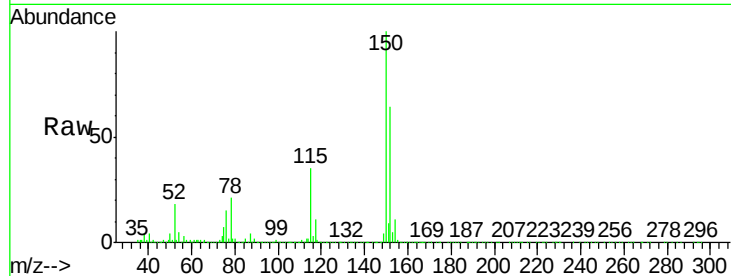
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	405740		
115	54.6	39.5	118.3	
150	157.0	0.0	350.2	

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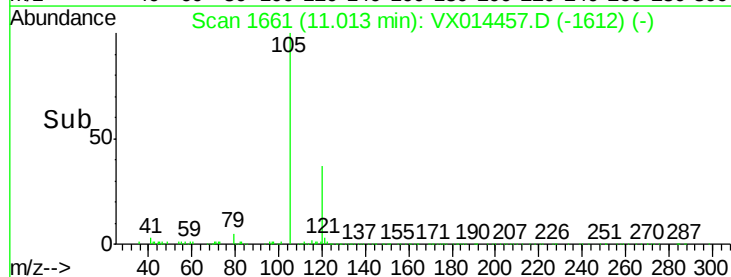
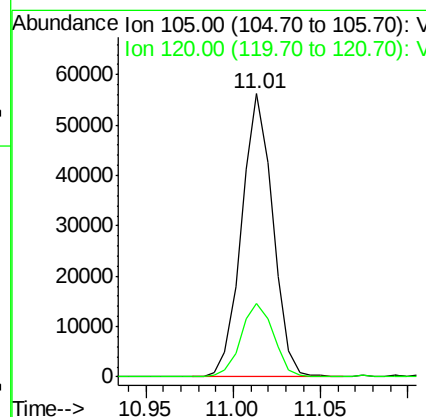
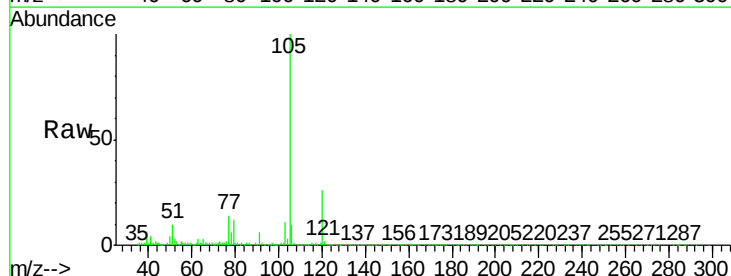
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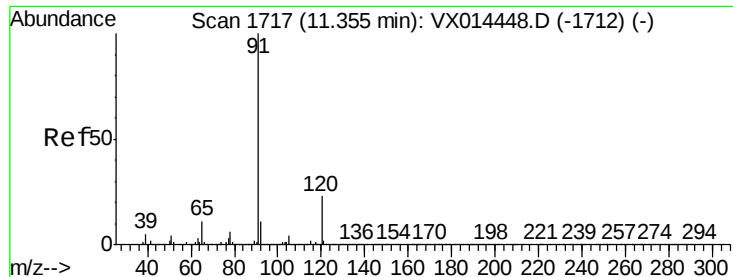


#73

Isopropylbenzene
Concen: 2.430 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	69245		
120	27.8	13.4	40.2	





#78

n-propylbenzene

Concen: 5.558 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion: 91 Resp: 181371

Ion Ratio Lower Upper

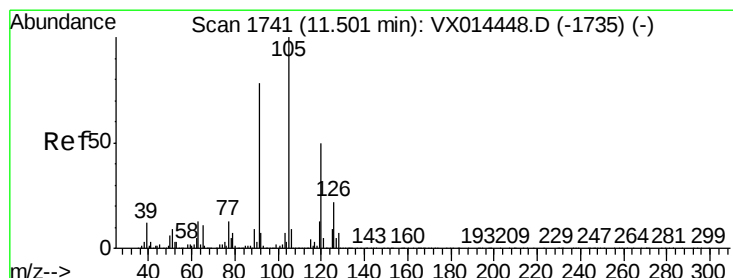
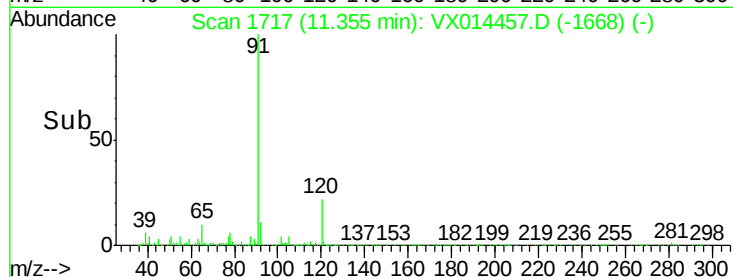
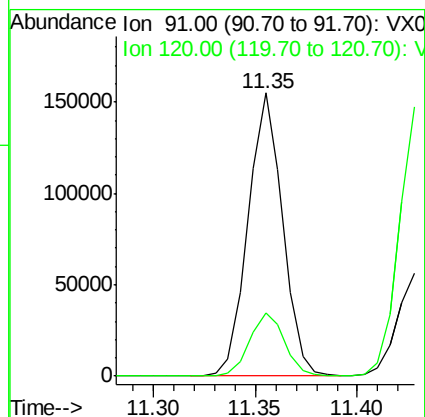
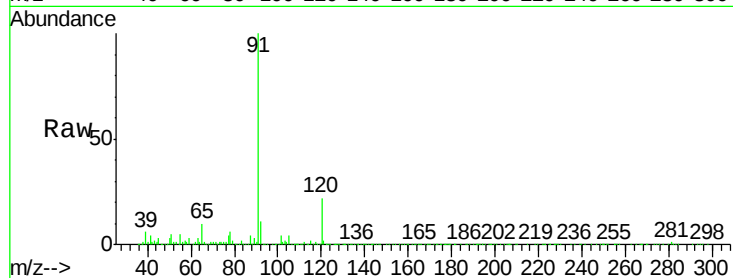
91 100

120 22.9 11.9 35.5

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#80

1,3,5-Trimethylbenzene

Concen: 10.097 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014457.D

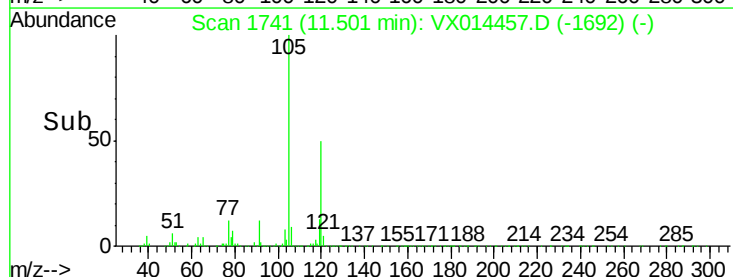
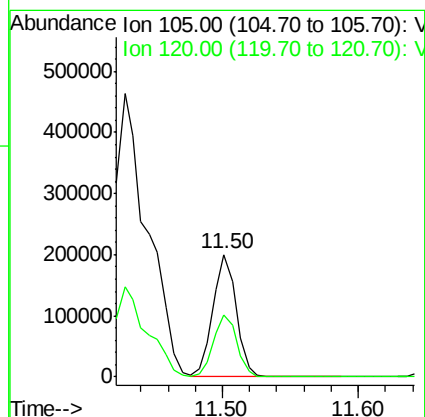
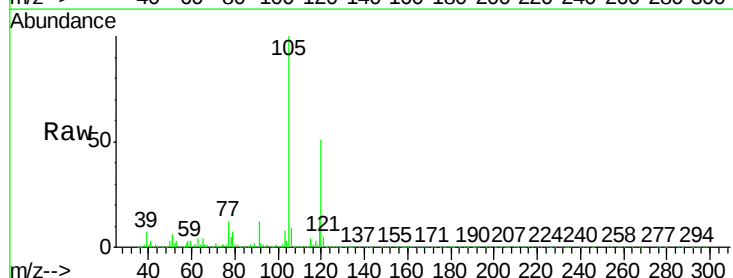
Acq: 07 Jan 2020 18:54

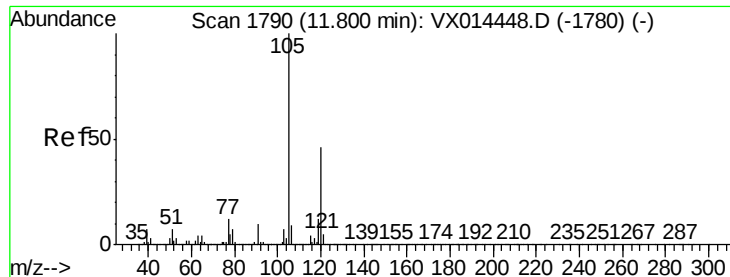
Tgt Ion: 105 Resp: 238832

Ion Ratio Lower Upper

105 100

120 50.8 25.2 75.6





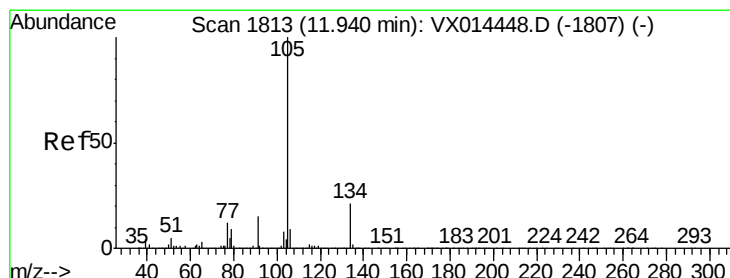
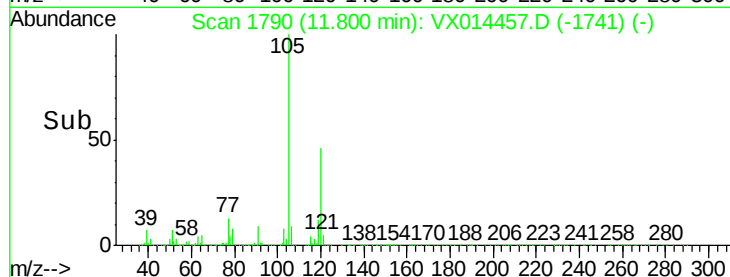
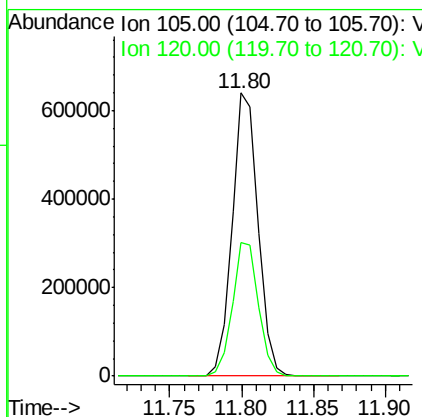
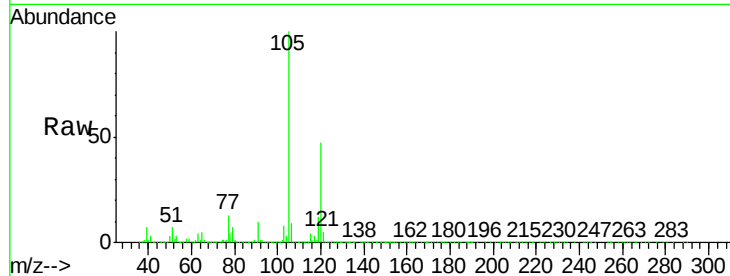
#84
1,2,4-Trimethylbenzene
Concen: 33.632 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion:105 Resp: 803882
Ion Ratio Lower Upper
105 100
120 47.4 23.1 69.3

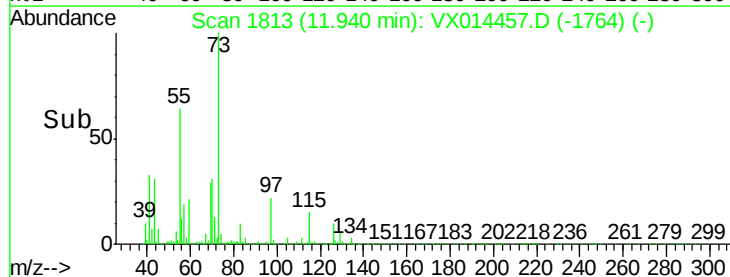
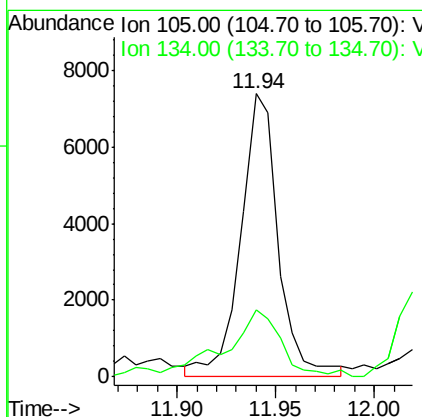
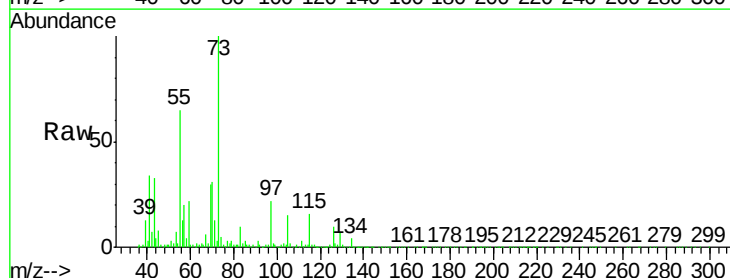
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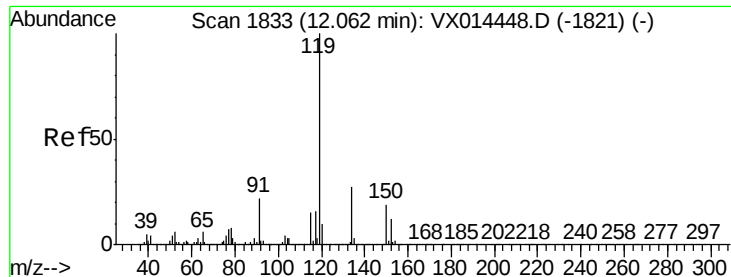
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#85
sec-Butylbenzene
Concen: 0.351 ug/l m
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Tgt Ion:105 Resp: 9761
Ion Ratio Lower Upper
105 100
134 2.0 10.5 31.5#





#86

p-Isopropyltoluene

Concen: 0.262 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

Instrument :

MSVOA_X

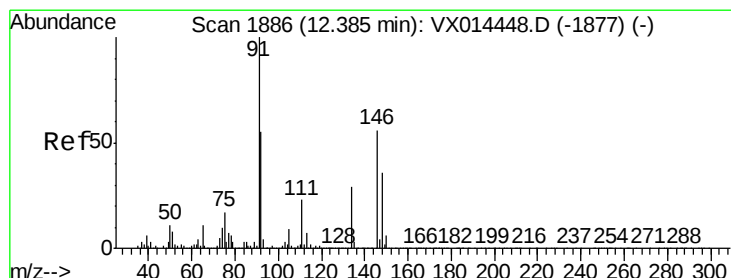
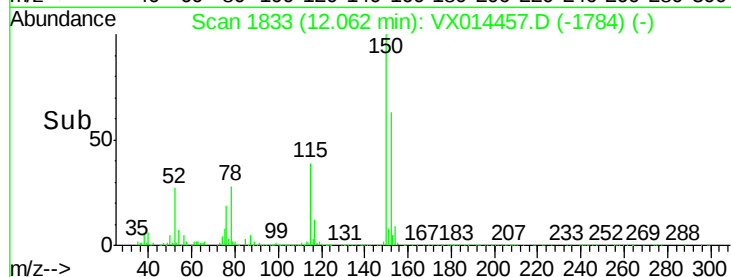
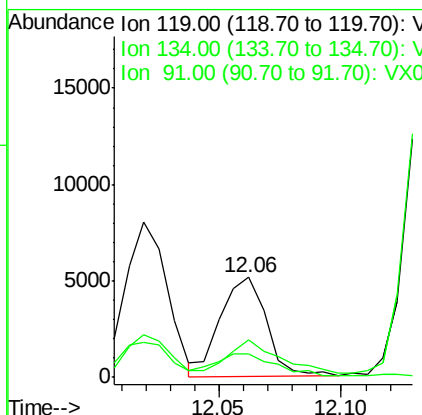
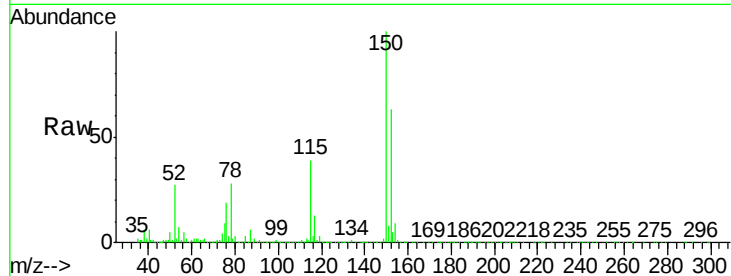
ClientSampled :

MW-3

Tgt Ion:	119	Resp:	6767
Ion Ratio	Lower	Upper	
119	100		
134	29.2	13.5	40.4
91	36.3	11.1	33.3#

Manual Integrations
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#89

n-Butylbenzene

Concen: 0.932 ug/l

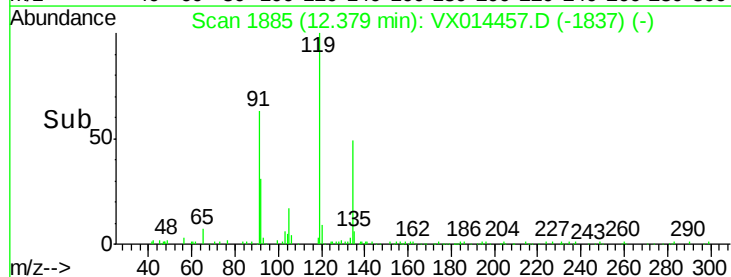
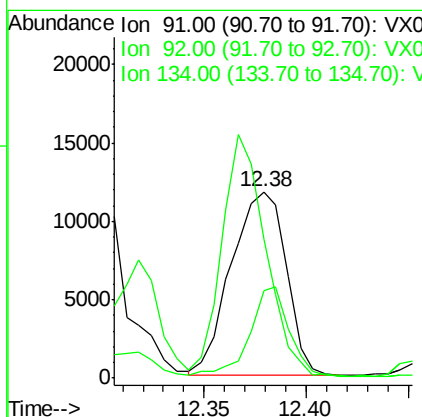
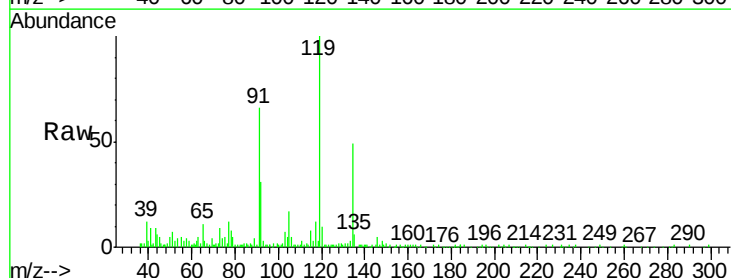
RT: 12.38 min Scan# 1885

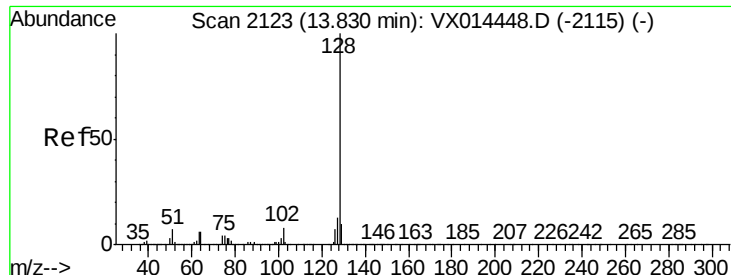
Delta R.T. -0.01 min

Lab File: VX014457.D

Acq: 07 Jan 2020 18:54

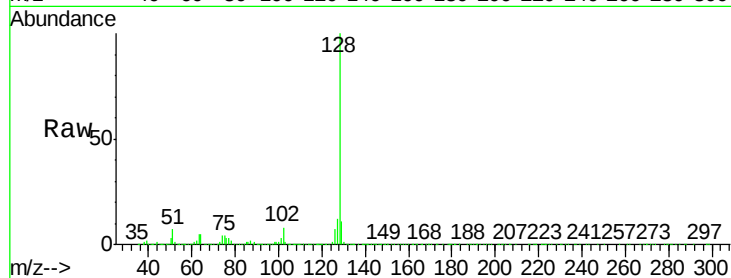
Tgt Ion:	91	Resp:	21975
Ion Ratio	Lower	Upper	
91	100		
92	36.0	27.4	82.2
134	103.7	13.9	41.7#





#95
Naphthalene
Concen: 7.006 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014457.D
Acq: 07 Jan 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt	Ion	Ratio	Resp	Lower	Upper
128	100		212044		
127	12.6	10.3	15.5		
129	10.9	8.7	13.1		

Manual Integrations
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