

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014188.D
 Acq On : 20 Dec 2019 20:42
 Operator : JC/SP
 Sample : K6372-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Manual Integrations
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Quant Time: Dec 21 02:56:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	588601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	890627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	811905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	398892	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	312291	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	5.49	113	262905	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	1061646	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	393707	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	128867	12.771	ug/l	96
52) Toluene	8.78	92	11001	0.692	ug/l	99
67) Ethyl Benzene	10.24	91	654876	22.065	ug/l	100
68) m/p-Xylenes	10.35	106	39646	3.473	ug/l	99
69) o-Xylene	10.70	106	92258	8.241	ug/l	98
73) Isopropylbenzene	11.01	105	2530642	90.106	ug/l	99
78) n-propylbenzene	11.35	91	2672174	84.825	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	920673	38.951	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	12653778	534.578	ug/l	84
85) sec-Butylbenzene	11.94	105	114154m	4.204	ug/l	
86) p-Isopropyltoluene	12.06	119	409358m	16.480	ug/l	
95) Naphthalene	13.82	128	22885515m	879.074	ug/l	

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

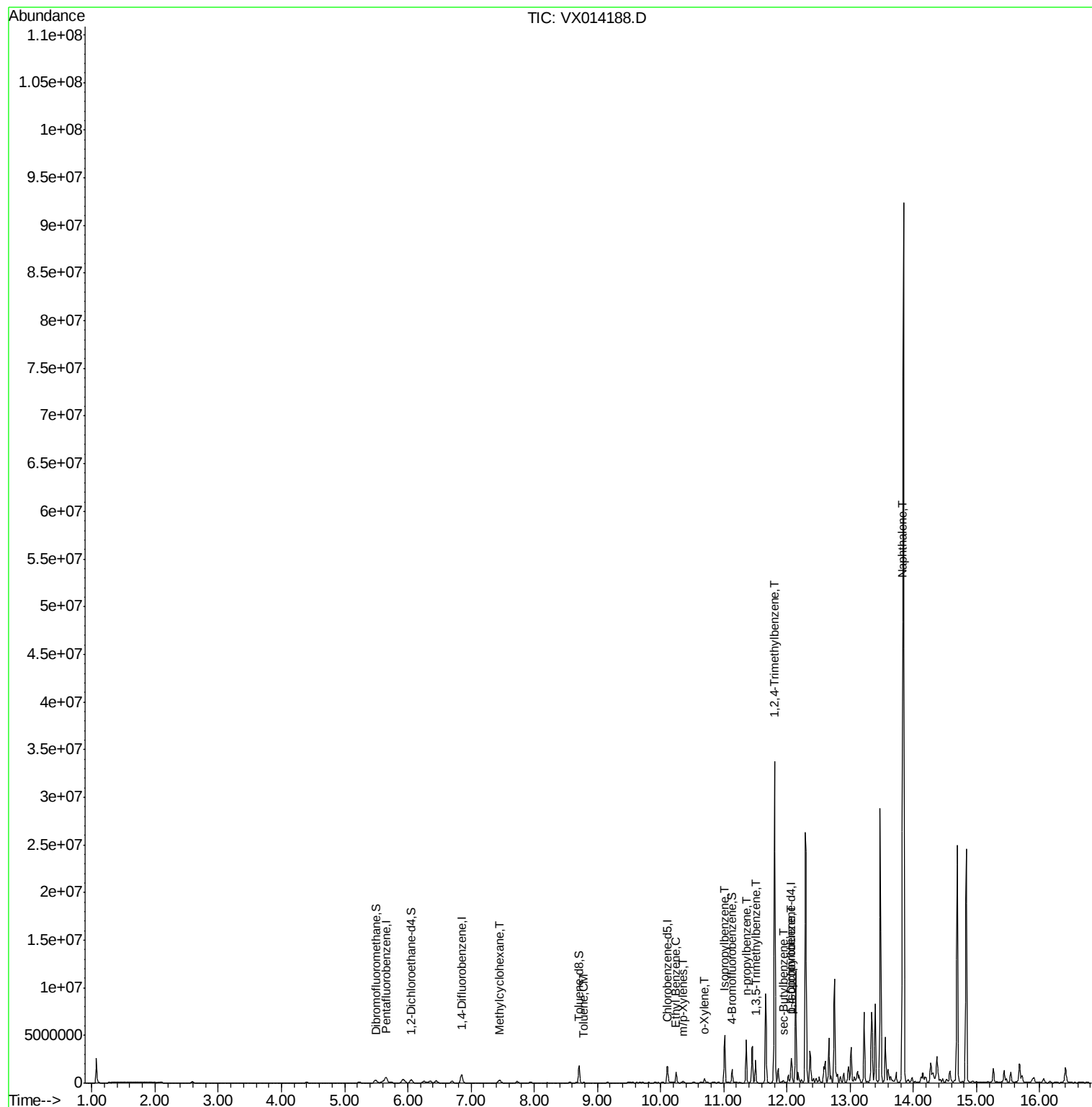
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122019\
Data File : VX014188.D
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Operator : JC/SP
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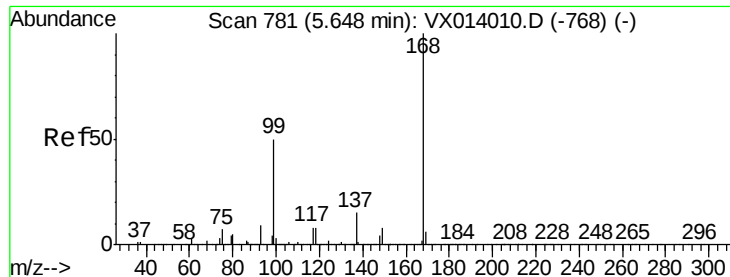
Instrument :
MSVOA_X
ClientSampleId :
MW-14

Quant Time: Dec 21 02:56:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion:168 Resp: 588601

Ion Ratio Lower Upper

168 100

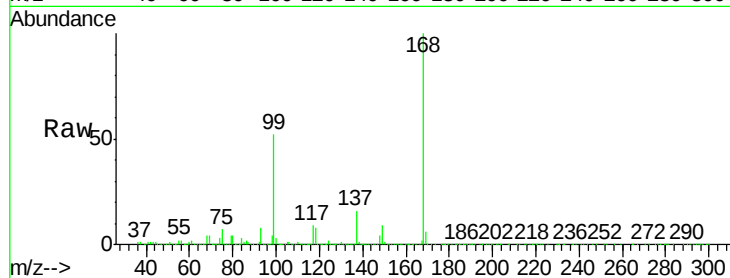
99 52.3 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

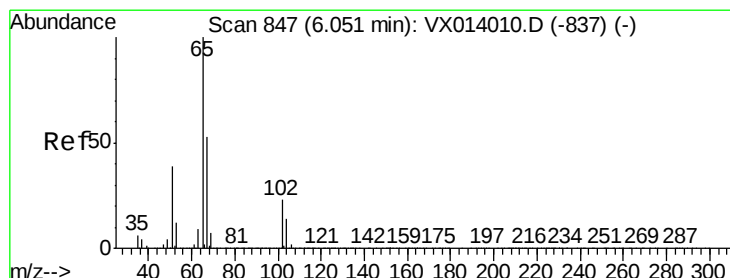
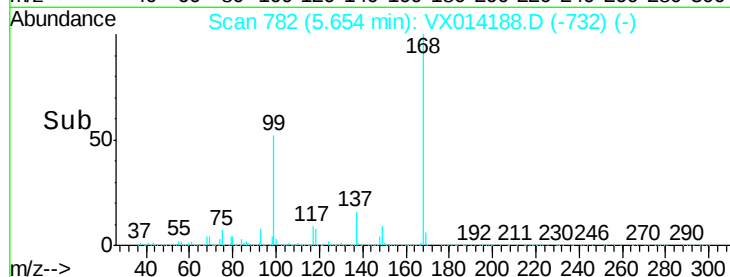
50000

0

5.65

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.813 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014188.D

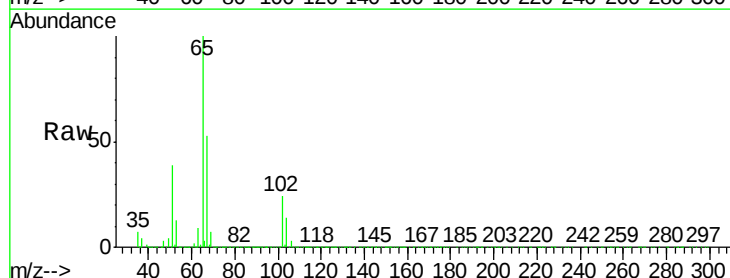
Acq: 20 Dec 2019 20:42

Tgt Ion: 65 Resp: 312291

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

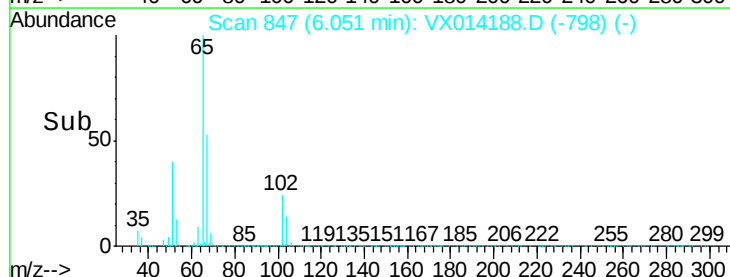
50000

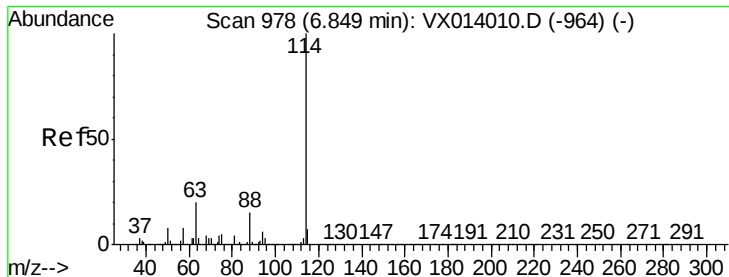
0

6.05

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

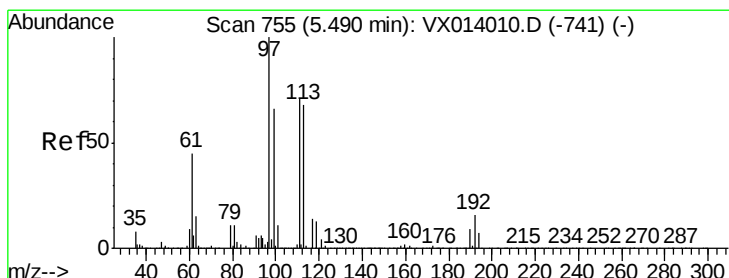
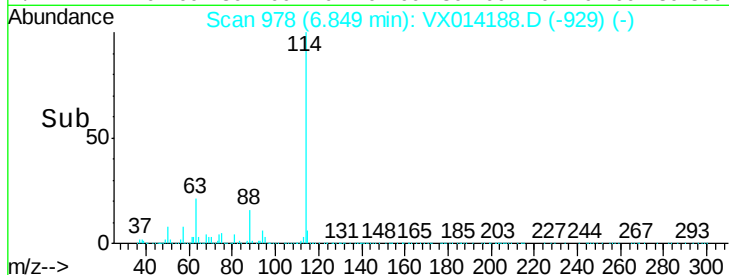
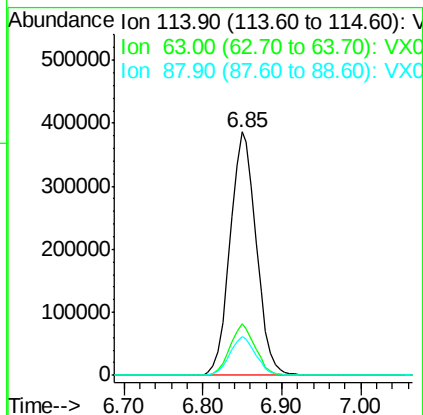
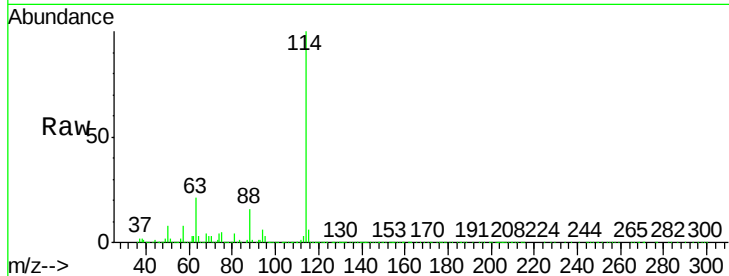
ClientSampled :

MW-14

Tot Ion:	114	Resp:	890627
Ion Ratio		Lower	Upper
114	100		
63	21.1	0.0	40.8
88	15.8	0.0	30.4

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#35

Dibromofluoromethane

Concen: 48.560 ug/l

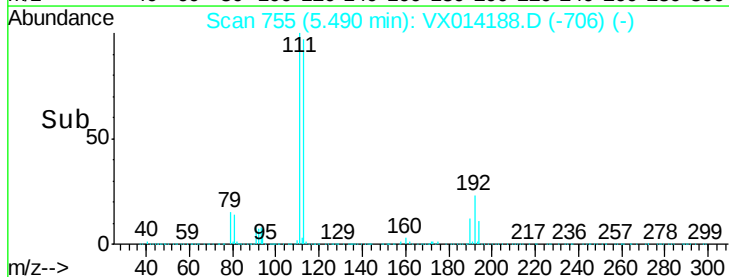
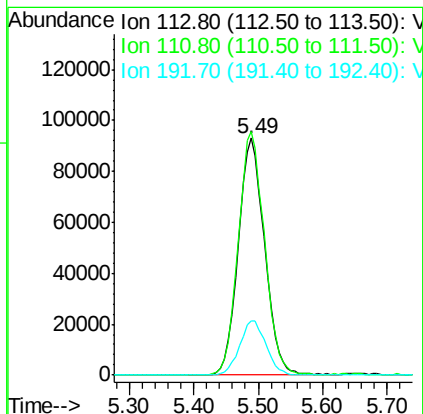
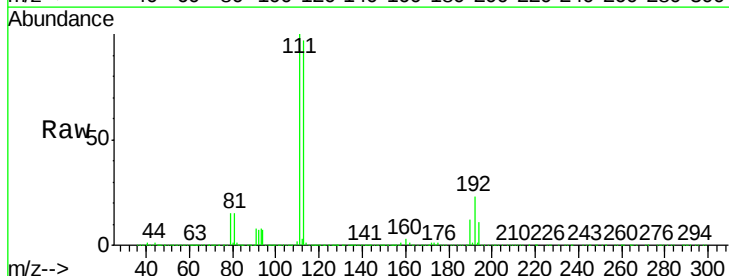
RT: 5.49 min Scan# 755

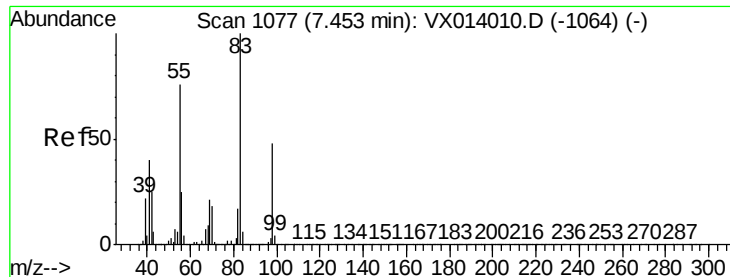
Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Tgt Ion:	113	Resp:	262905
Ion Ratio		Lower	Upper
113	100		
111	101.6	82.0	123.0
192	22.9	19.3	28.9





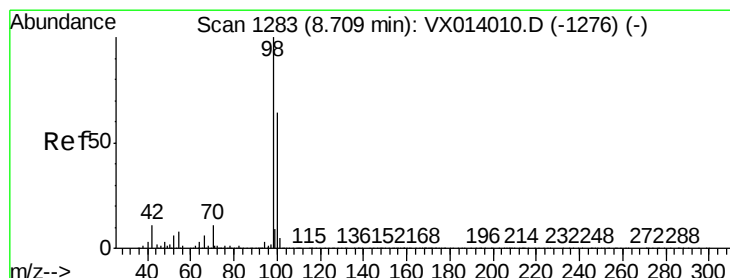
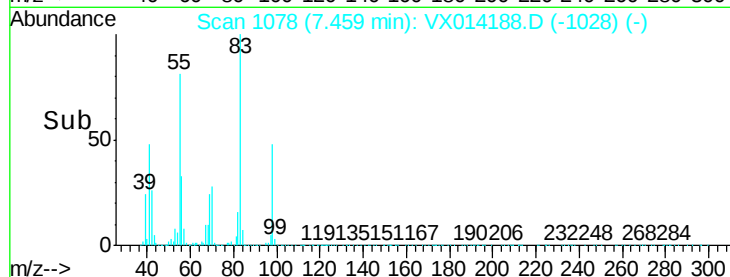
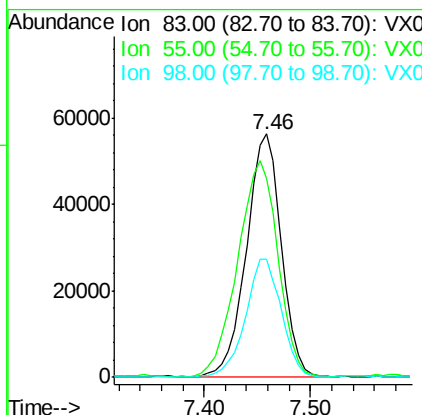
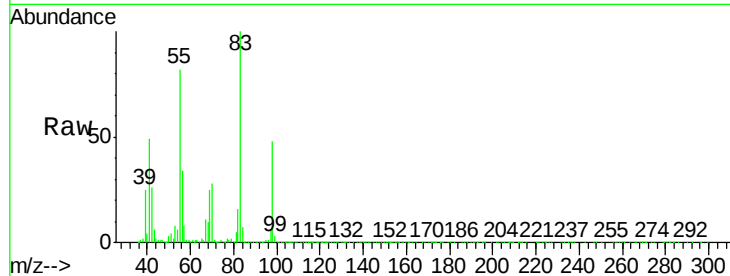
#39
Methvlcvclohexane
Concen: 12.771 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.9	61.0	91.6
98	48.4	38.6	57.8

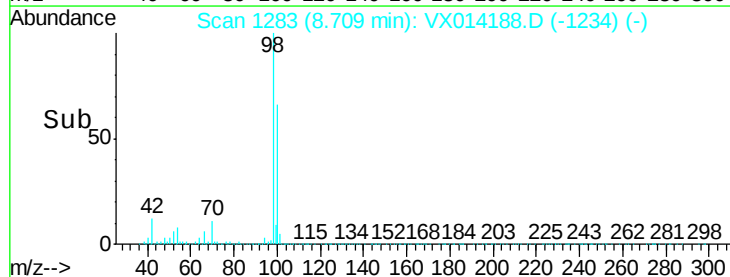
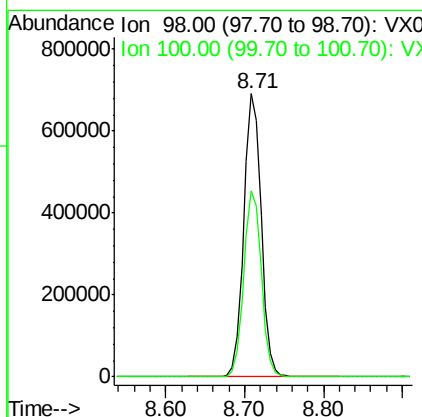
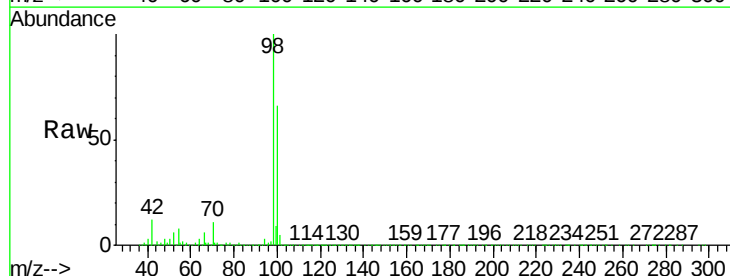
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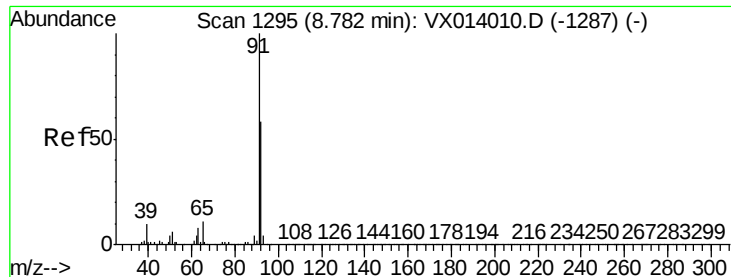
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#50
Toluene-d8
Concen: 50.367 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





#52

Toluene

Concen: 0.692 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion: 92 Resp: 11001

Ion Ratio Lower Upper

92 100

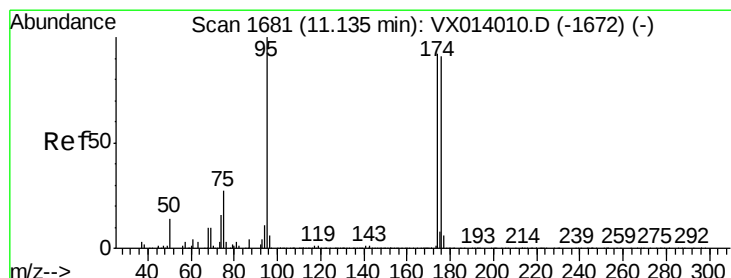
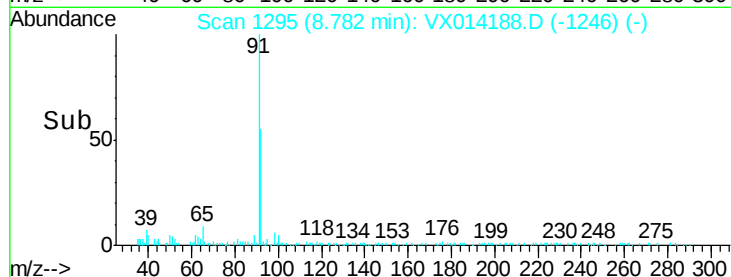
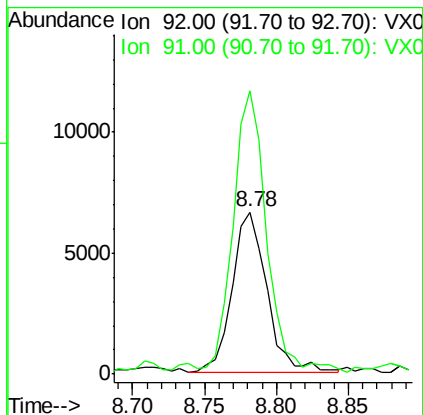
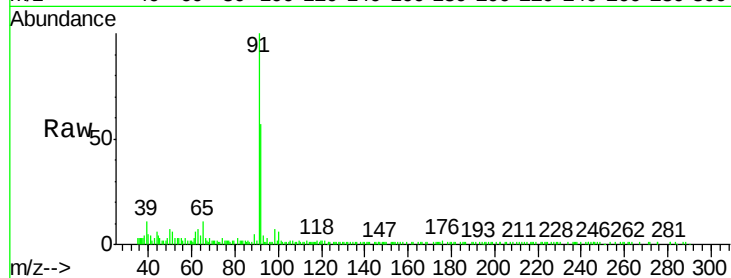
91 171.5 136.2 204.4

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#62

4-Bromofluorobenzene

Concen: 51.098 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

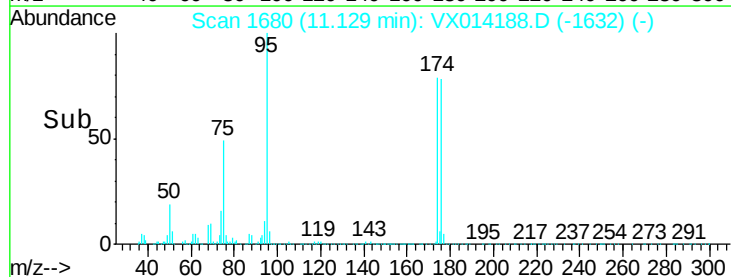
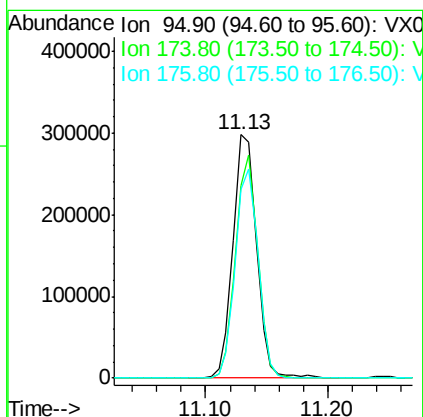
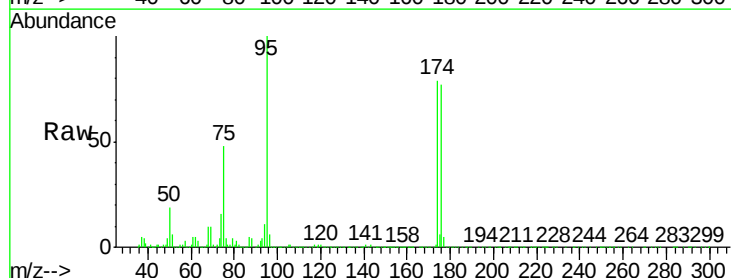
Tgt Ion: 95 Resp: 393707

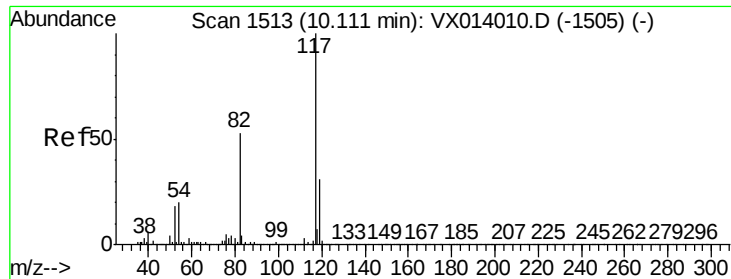
Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.8

176 84.1 0.0 173.0





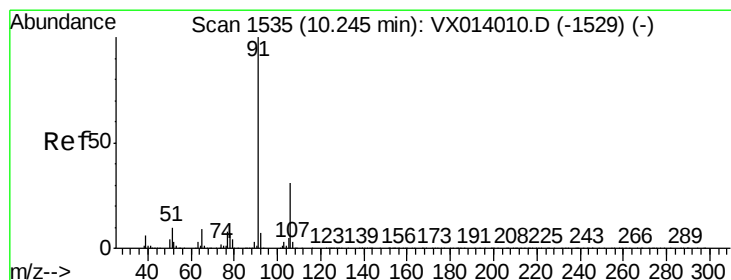
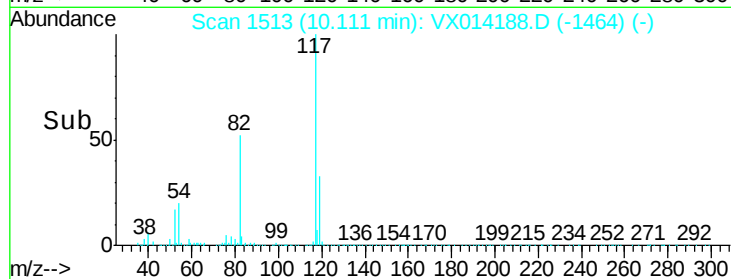
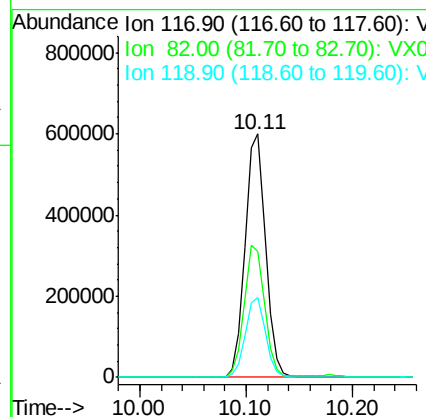
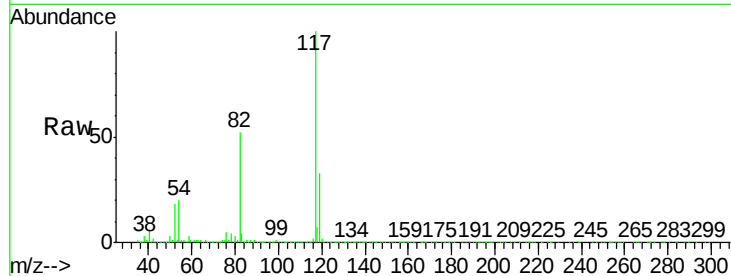
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.2	63.4
119	33.0	25.1	37.7

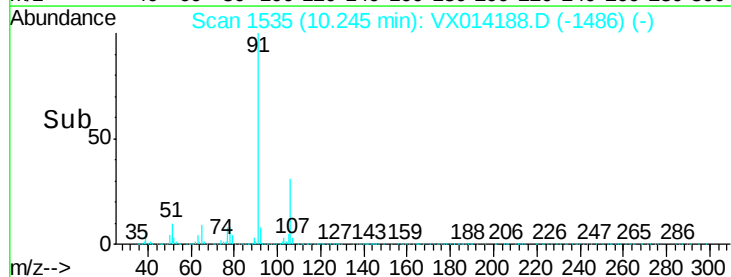
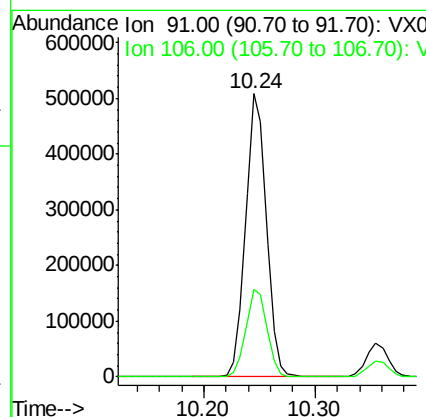
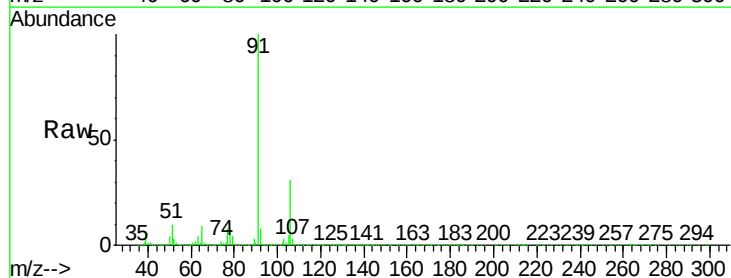
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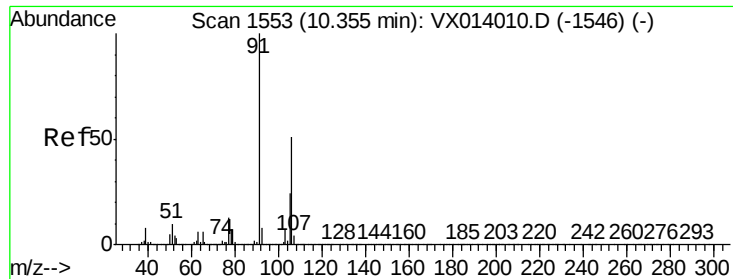
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#67
Ethyl Benzene
Concen: 22.065 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.6





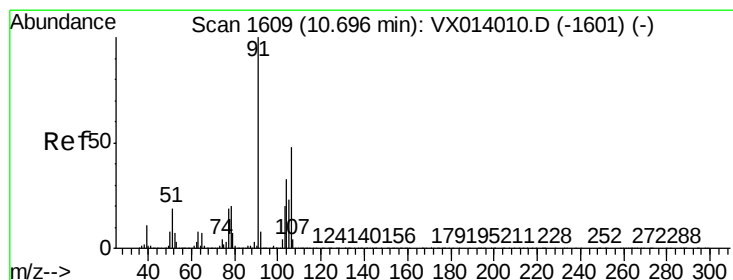
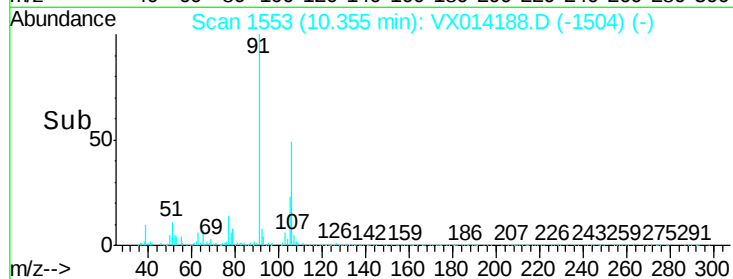
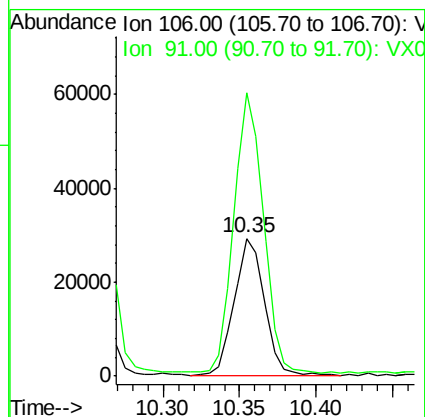
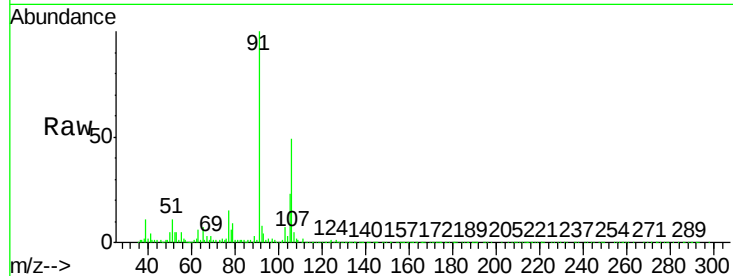
#68
m/p-Xylenes
Concen: 3.473 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Instrument :
MSVOA_X
ClientSampled :
MW-14

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.6	158.6	238.0

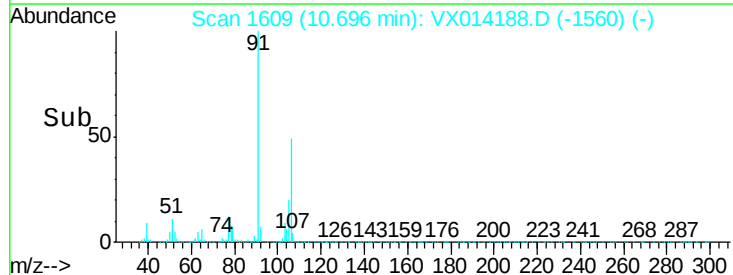
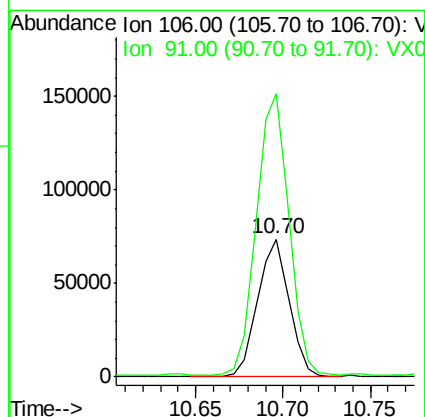
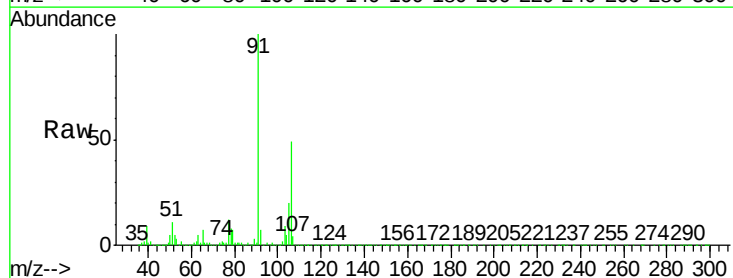
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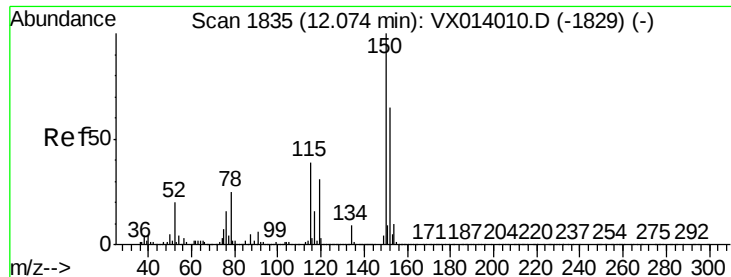
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#69
o-Xylene
Concen: 8.241 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.7	104.2	312.6





#72

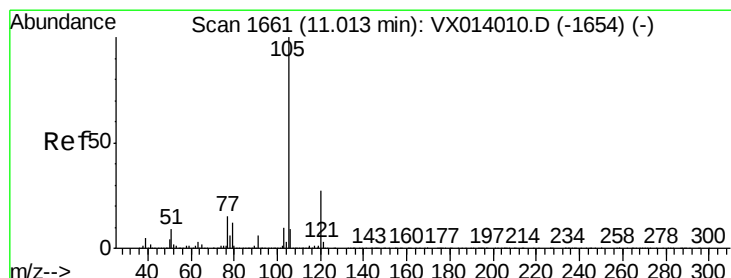
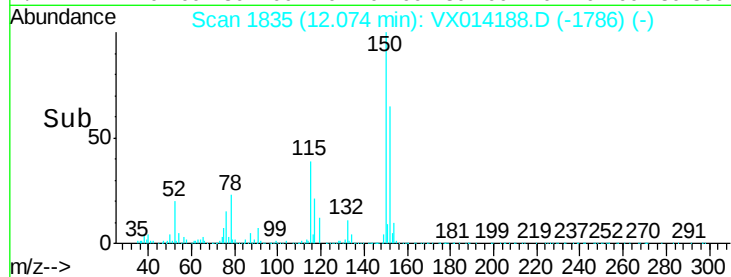
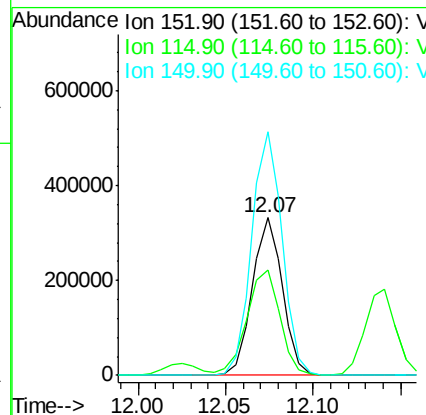
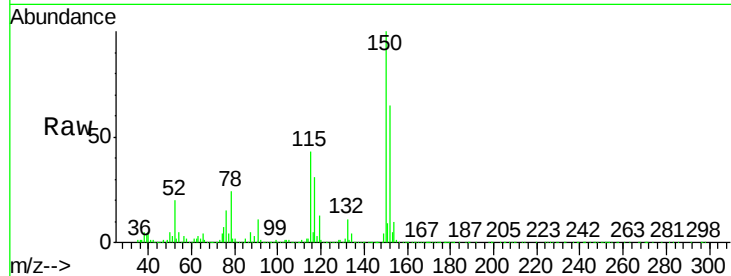
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Resp	Lower	Upper
152	100	398892		
115	72.4	38.3	114.9	
150	156.4	0.0	345.4	

Manual Integrations
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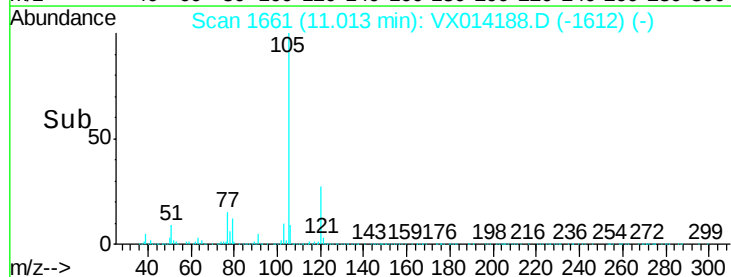
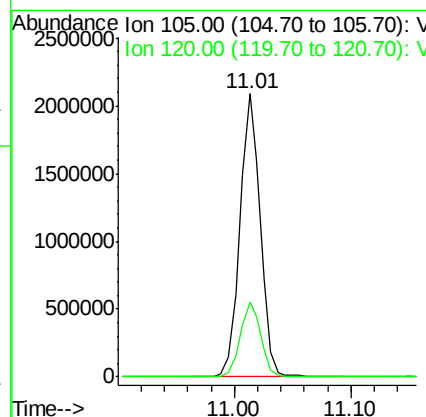
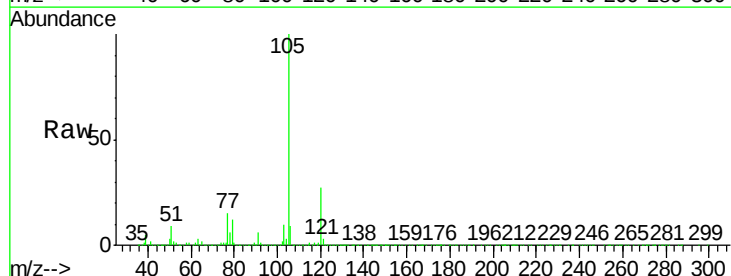
apatel
12/23/2019 10:25:50 AM

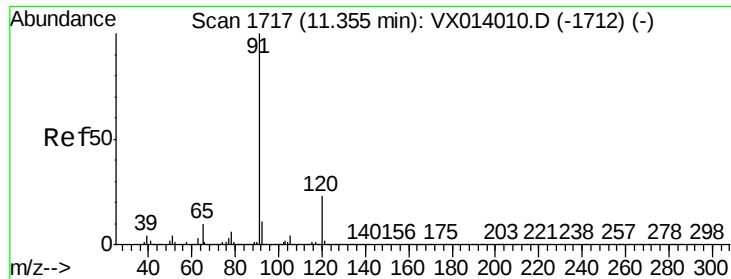


#73

Isopropylbenzene
Concen: 90.106 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2530642		
120	27.3	13.5	40.4	





#78

n-propylbenzene

Concen: 84.825 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampled :

MW-14

Tot Ion: 91 Resp: 2672174

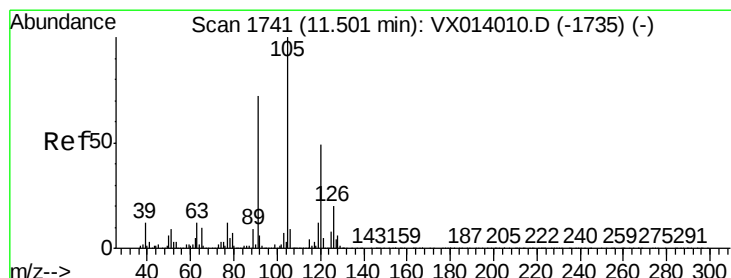
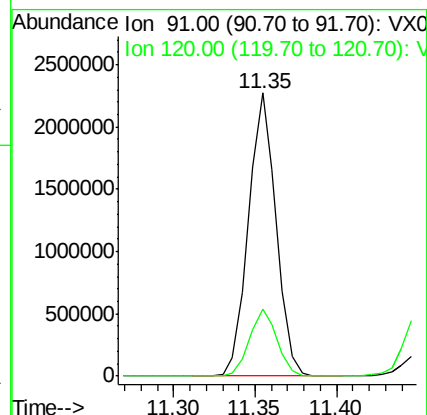
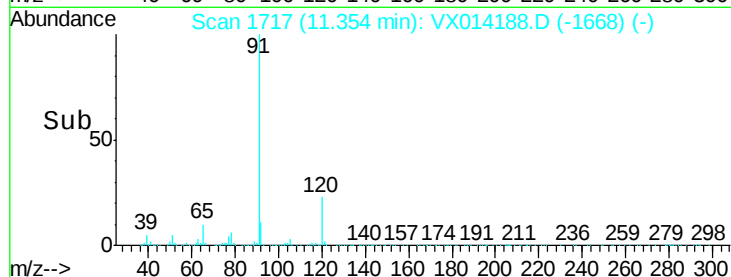
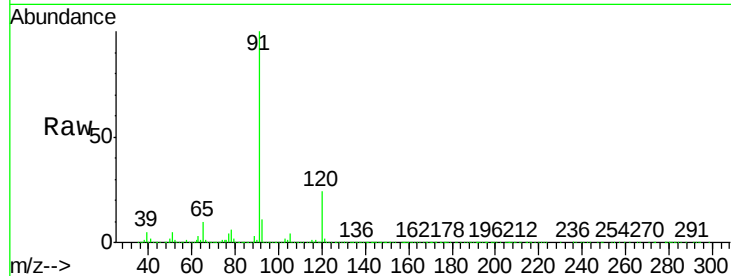
Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0

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#80

1,3,5-Trimethylbenzene

Concen: 38.951 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014188.D

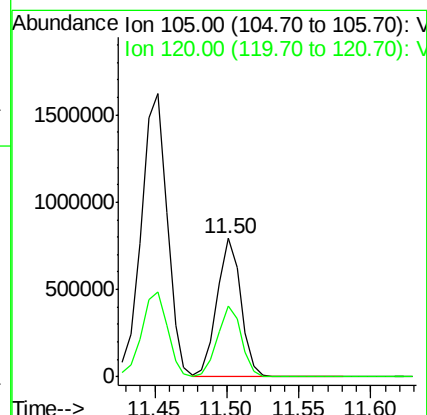
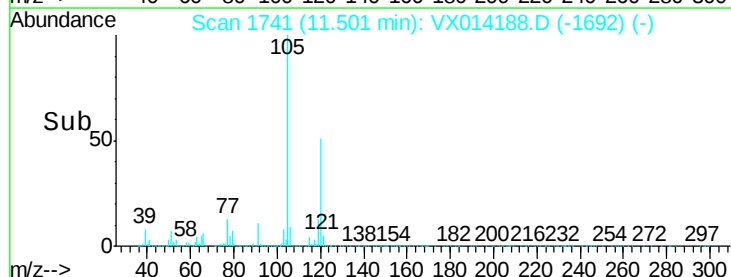
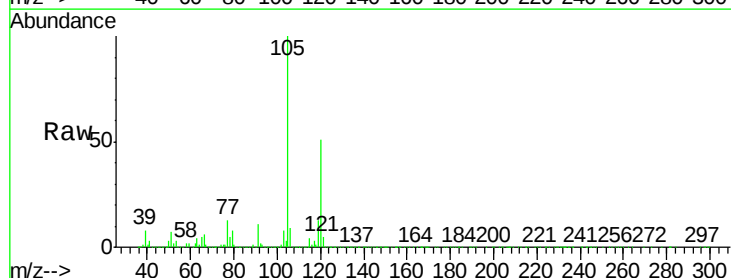
Acq: 20 Dec 2019 20:42

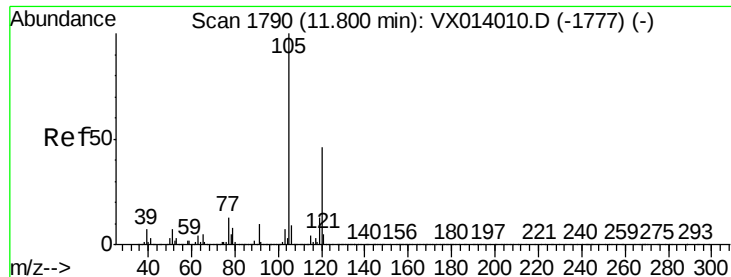
Tgt Ion: 105 Resp: 920673

Ion Ratio Lower Upper

105 100

120 51.6 25.3 75.8





#84

1,2,4-Trimethylbenzene

Concen: 534.578 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion:105 Resp:12653778

Ion Ratio Lower Upper

105 100

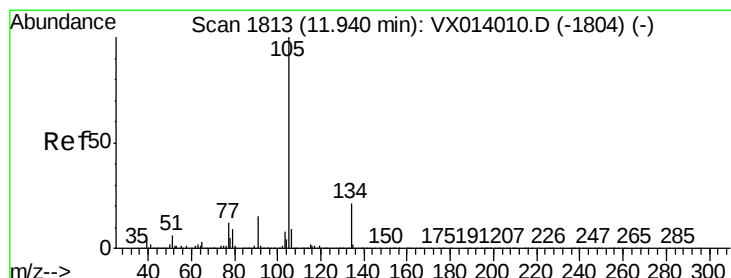
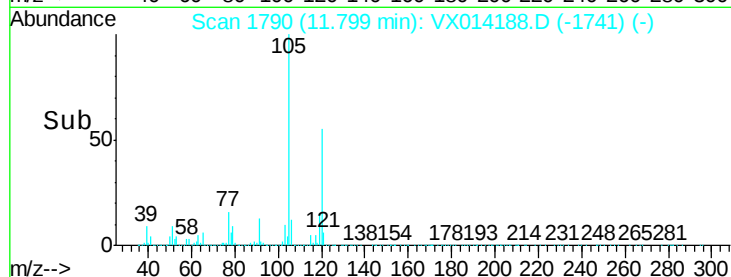
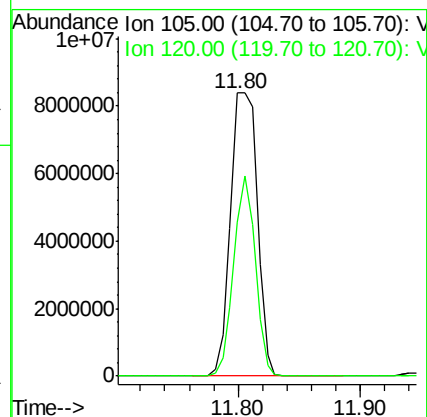
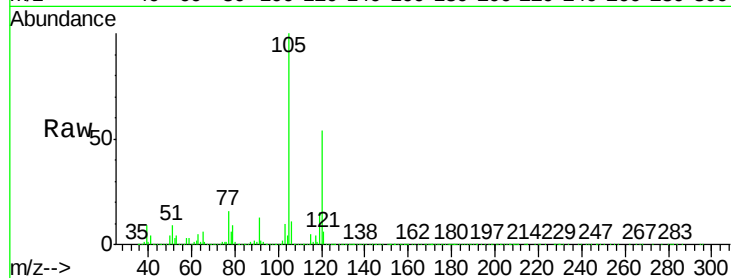
120 56.9

23.1 69.2

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#85

sec-Butylbenzene

Concen: 4.204 ug/l m

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014188.D

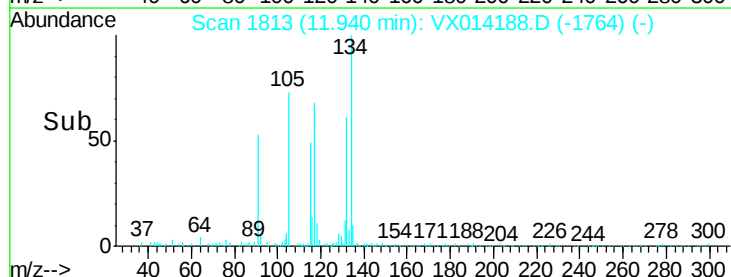
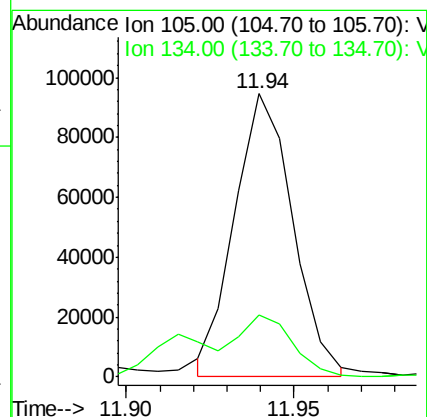
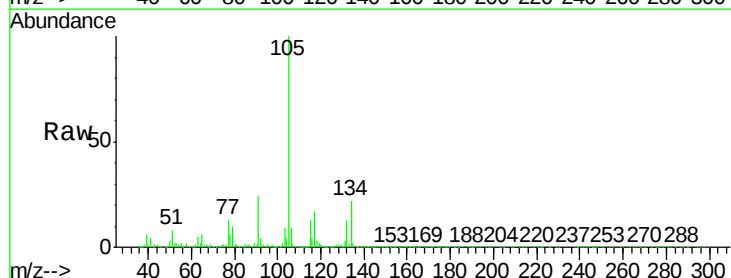
Acq: 20 Dec 2019 20:42

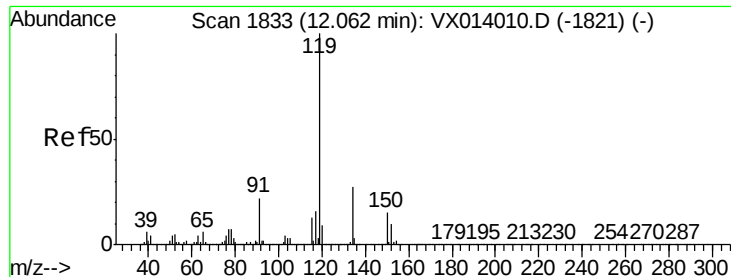
Tgt Ion:105 Resp: 114154

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





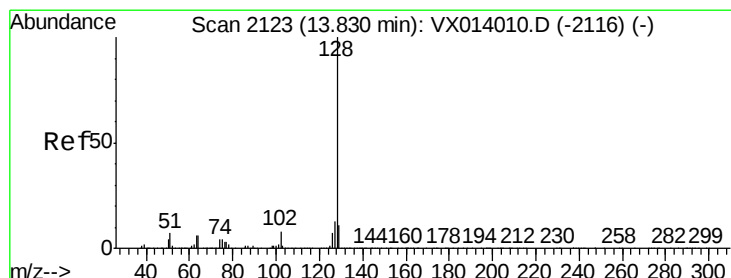
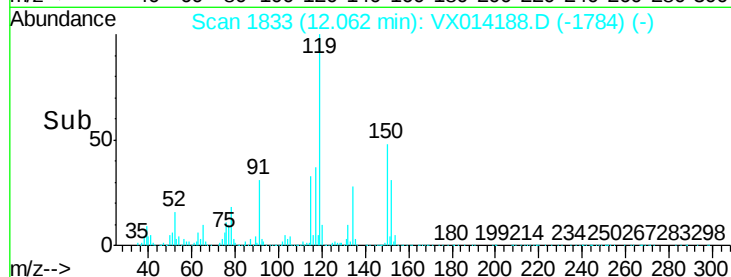
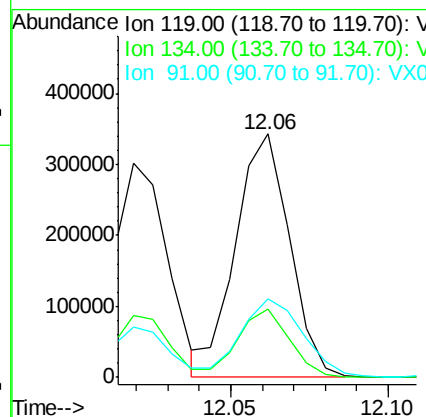
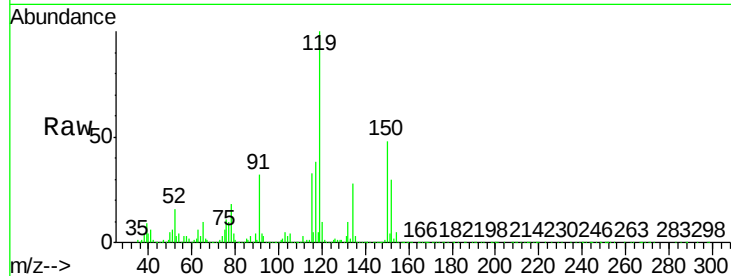
#86
p-Isopropyltoluene
Concen: 16.480 ug/l m
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Instrument :
MSVOA_X
ClientSampled :
MW-14

Tot Ion	Ratio	Resp	Lower	Upper
119	100	409358		
134	26.8	13.4	40.1	
91	22.4	11.4	34.1	

Manual Integrations
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#95
Naphthalene
Concen: 879.074 ug/l m
RT: 13.82 min Scan# 2122
Delta R.T. -0.01 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	22885515		
127	0.0	10.2	15.4#	
129	4.2	8.7	13.1#	

