

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014131.D
 Acq On : 19 Dec 2019 19:20
 Operator : JC/SP
 Sample : K6347-03 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
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apatel
 12/20/2019 10:13:14 AM

Quant Time: Dec 20 03:35:32 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	565628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	789629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	312949	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	5.49	113	255308	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	1042957	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	357083	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	11847	2.847	ug/l #	80
31) Cyclohexane	5.58	56	144925	15.129	ug/l	97
39) Methylcyclohexane	7.46	83	51936	5.326	ug/l	94
40) Benzene	6.14	78	3294852	135.604	ug/l	100
52) Toluene	8.78	92	3581556	233.208	ug/l	98
59) 2-Hexanone	9.50	43	32511m	4.456	ug/l	
67) Ethyl Benzene	10.25	91	1111637	38.512	ug/l	99
68) m/p-Xylenes	10.35	106	1120457	100.925	ug/l	100
69) o-Xylene	10.70	106	461744	42.408	ug/l	99
73) Isopropylbenzene	11.01	105	26810	1.051	ug/l	97
78) n-propylbenzene	11.35	91	68296	2.388	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	90228	4.204	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	311627	14.499	ug/l	100
95) Naphthalene	13.83	128	66447	2.811	ug/l	98

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

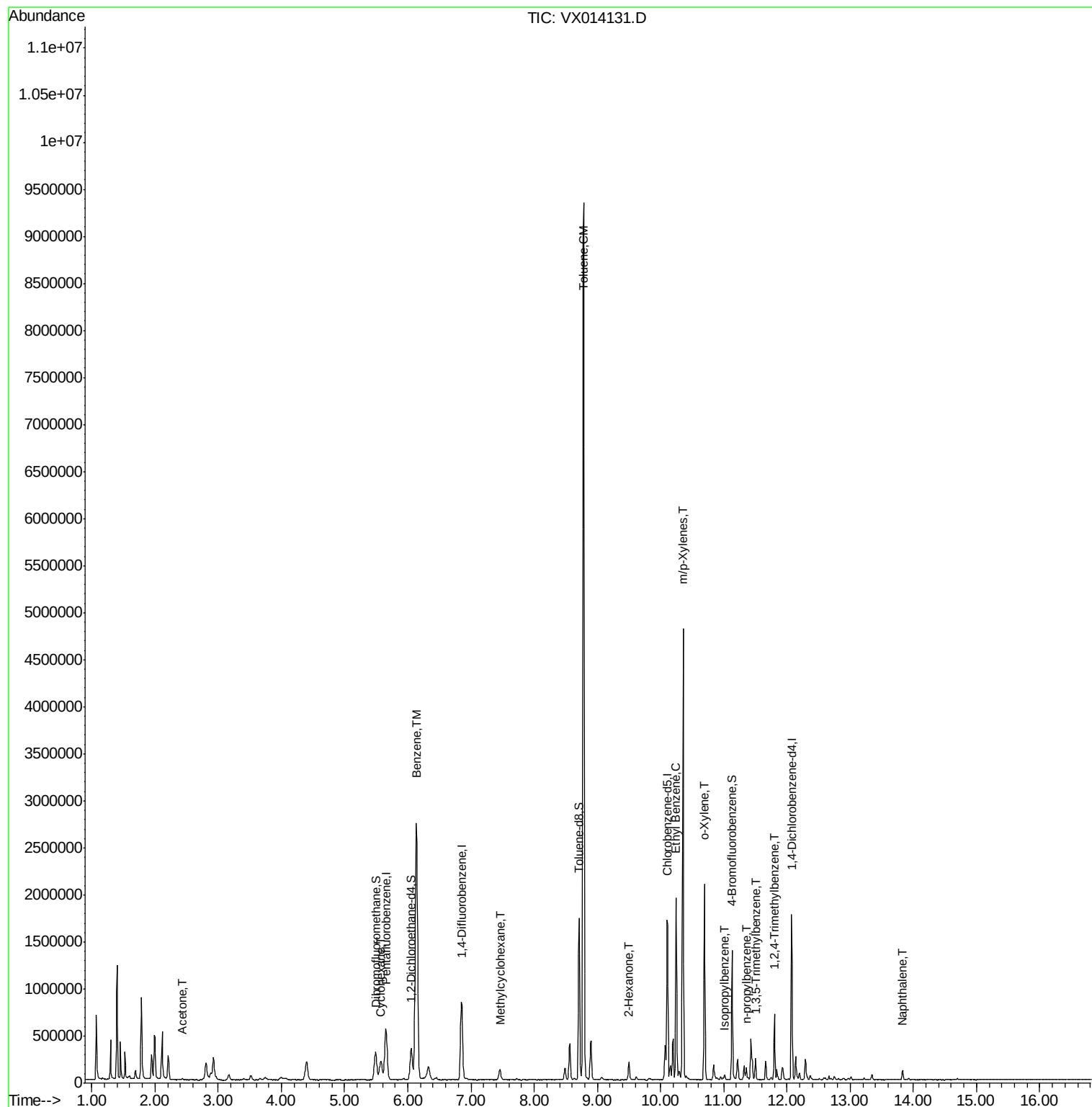
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014131.D
Acq On : 19 Dec 2019 19:20
Operator : JC/SP
Sample : K6347-03 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

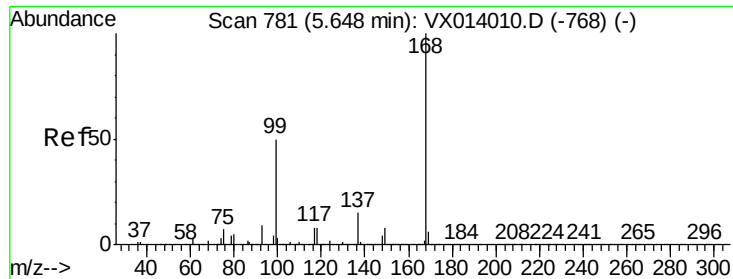
Instrument :
MSVOA_X
ClientSampleId :
MW-3

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Quant Time: Dec 20 03:35:32 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

ClientSampled :

MW-3

Tot Ion:168 Resp: 565628

Ion Ratio Lower Upper

168 100

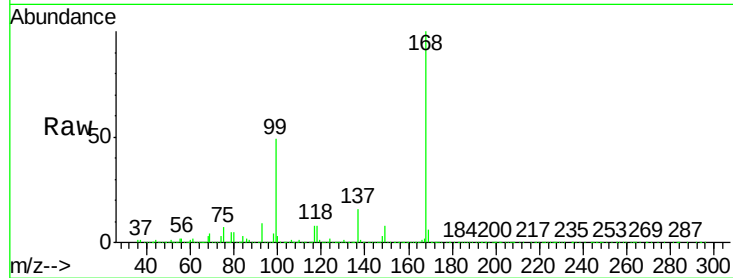
99 48.9 40.3 60.5

Manual Integrations

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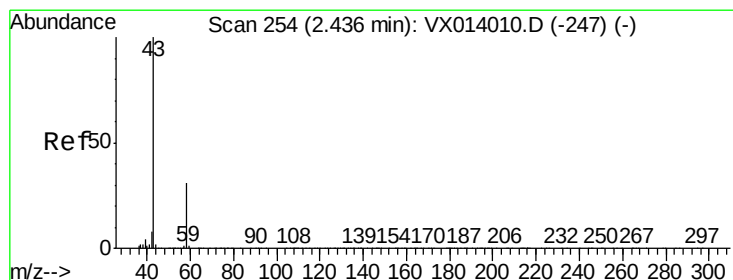
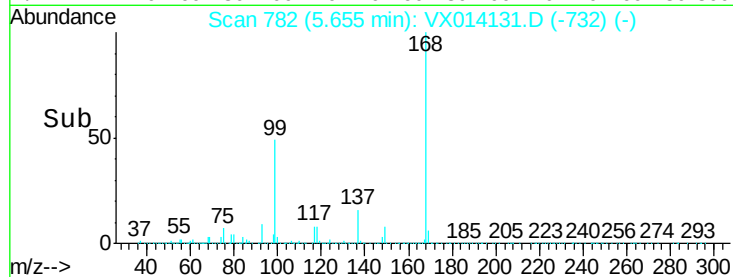
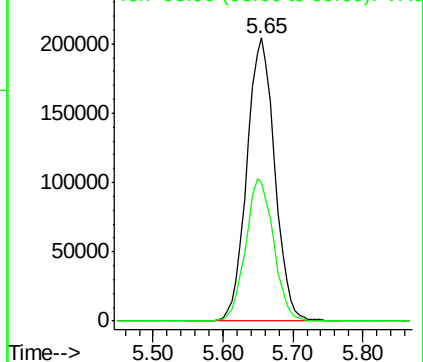
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.847 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014131.D

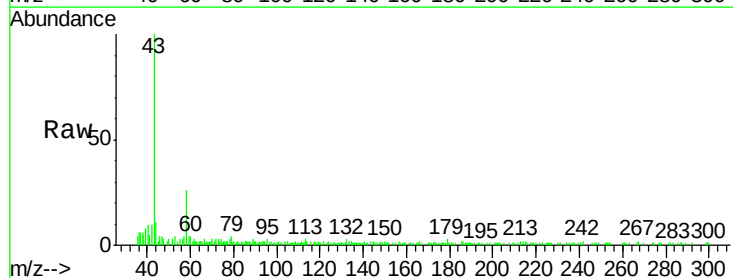
Acq: 19 Dec 2019 19:20

Tgt Ion: 43 Resp: 11847

Ion Ratio Lower Upper

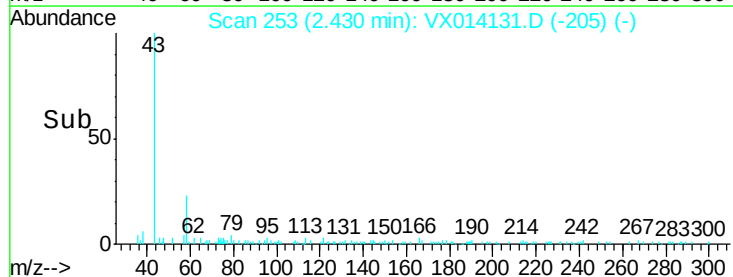
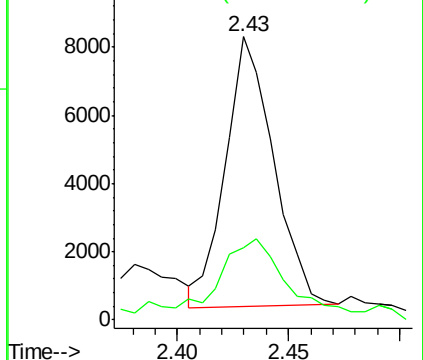
43 100

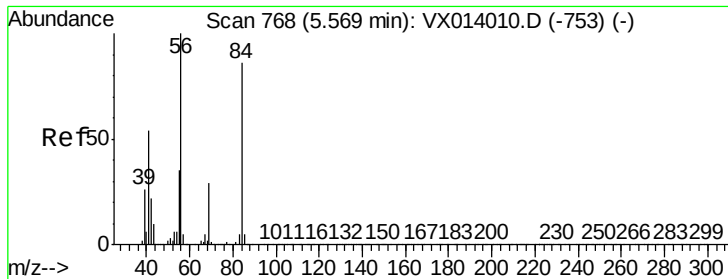
58 20.3 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





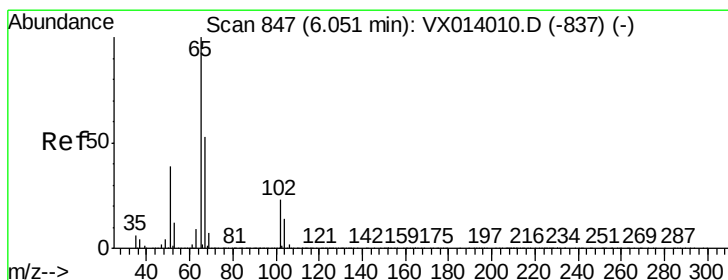
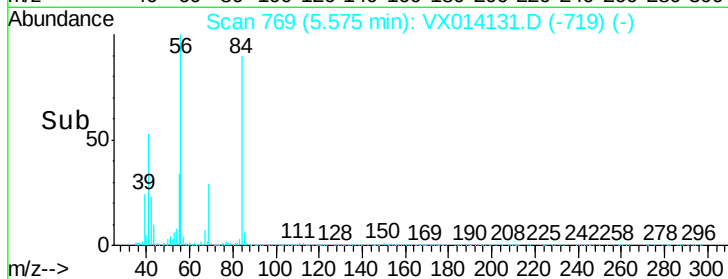
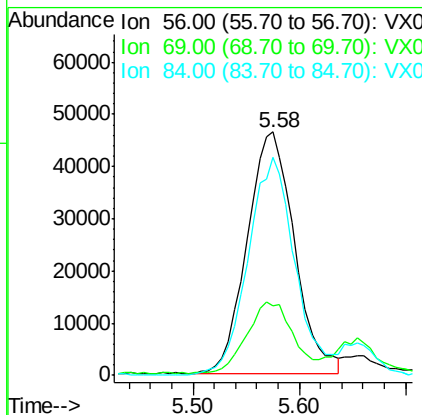
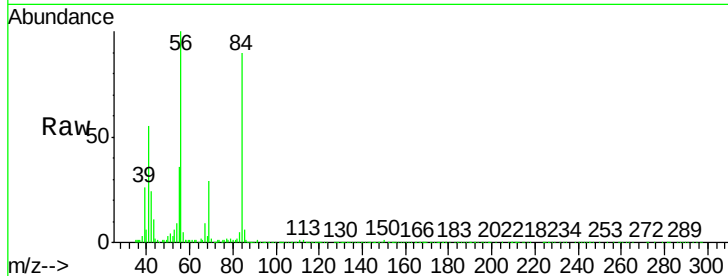
#31
Cyclohexane
Concen: 15.129 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.2	34.8
84	89.8	69.2	103.8

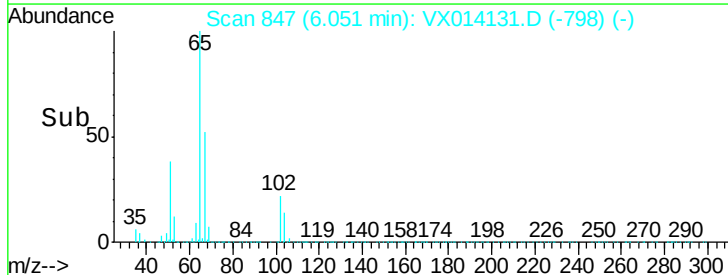
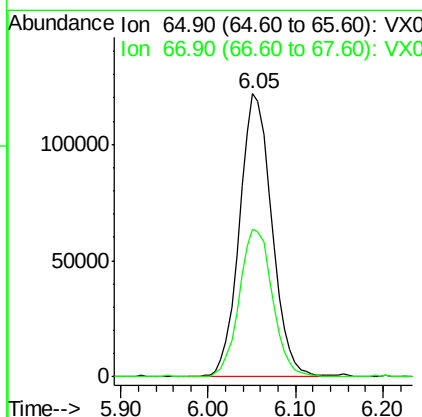
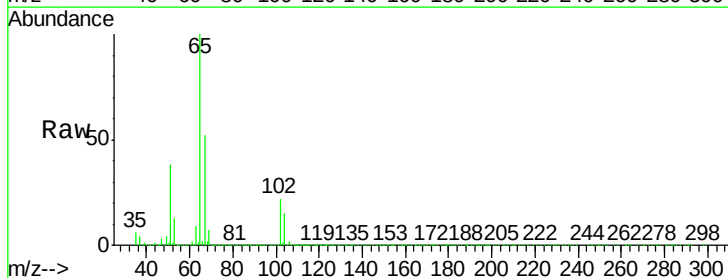
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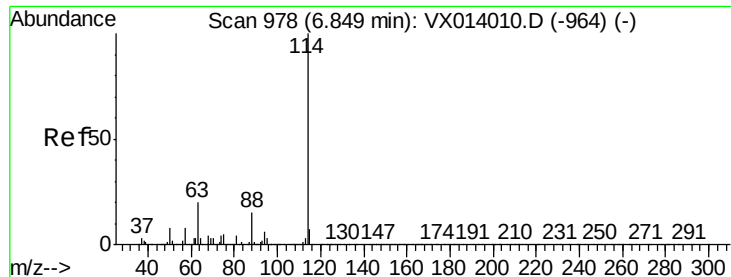
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#33
1,2-Dichloroethane-d4
Concen: 48.817 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.4





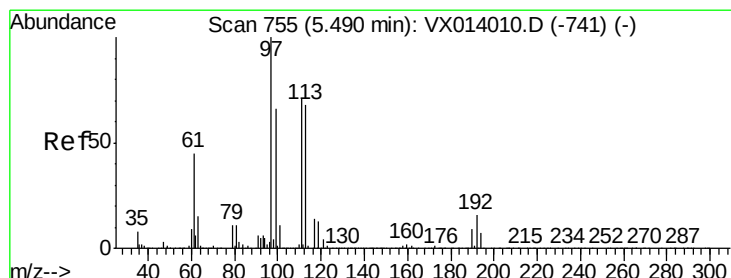
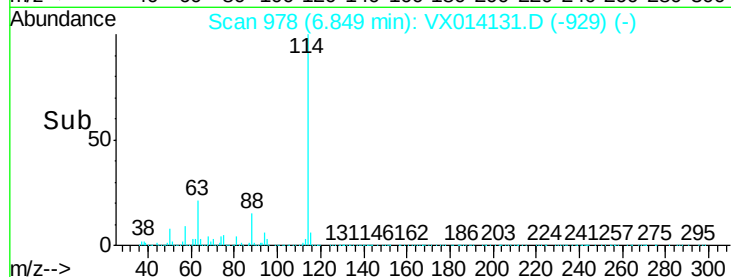
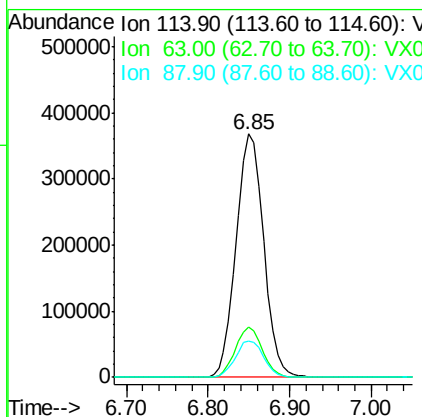
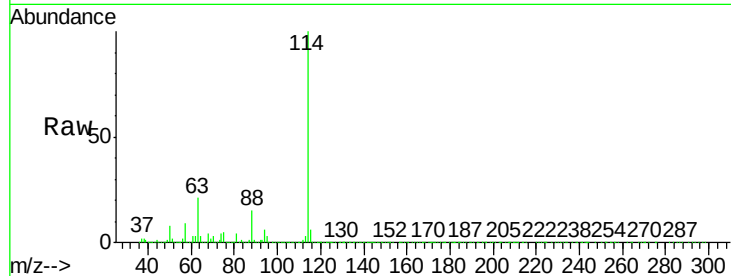
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.1	0.0	30.4

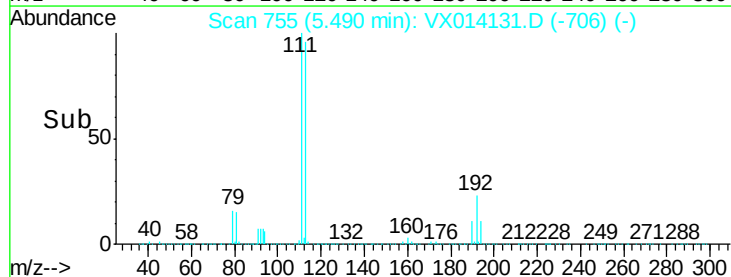
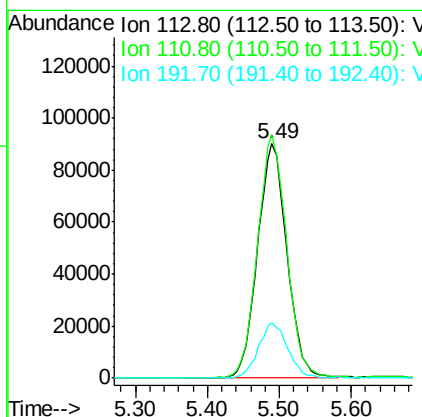
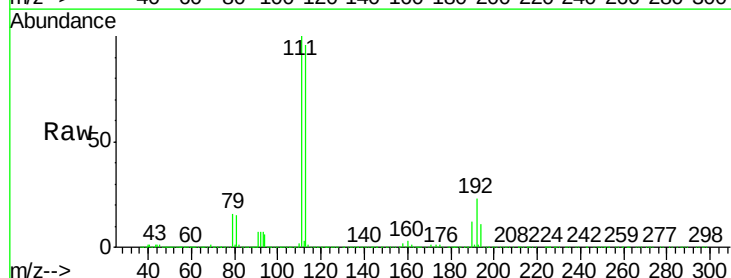
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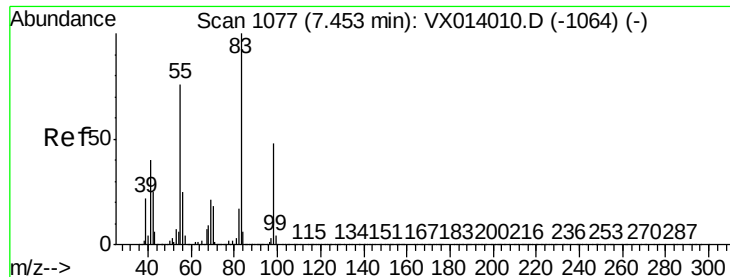
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#35
Dibromofluoromethane
Concen: 48.800 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.8	19.3	28.9





#39

Methylvlcyclohexane

Concen: 5.326 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

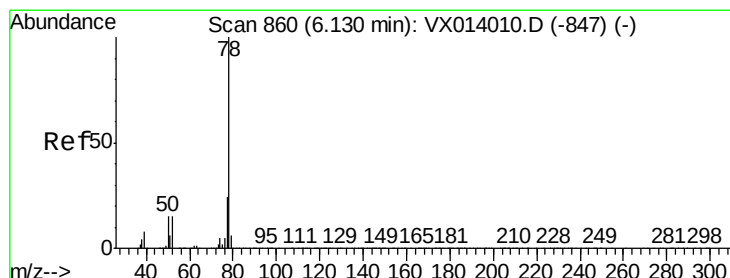
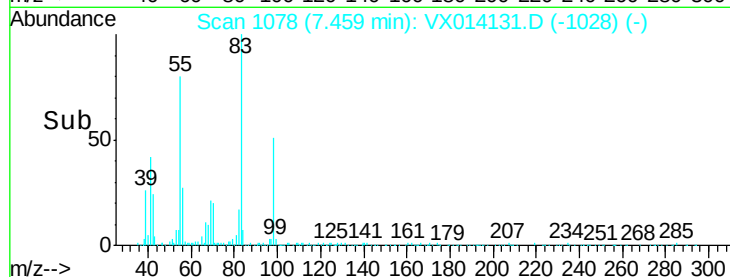
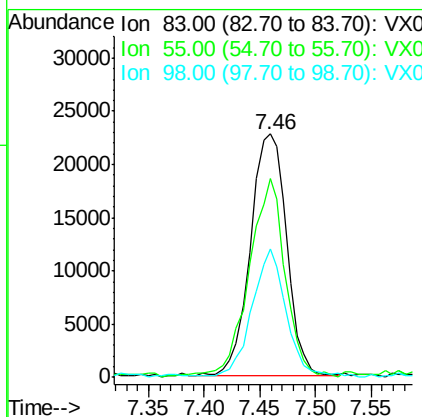
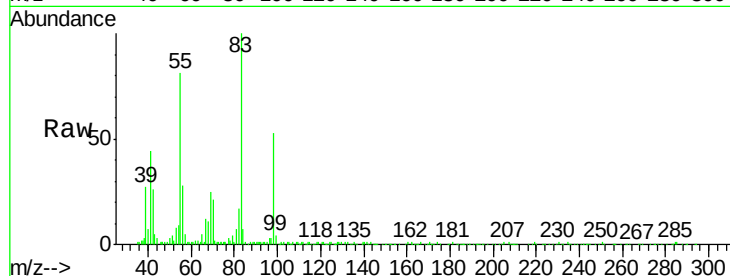
ClientSampled :

MW-3

Tot Ion:	83	Resp:	51936
Ion Ratio	Lower	Upper	
83	100		
55	81.9	61.0	91.6
98	52.0	38.6	57.8

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#40

Benzene

Concen: 135.604 ug/l

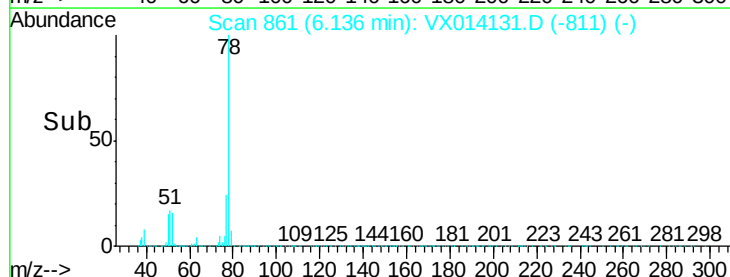
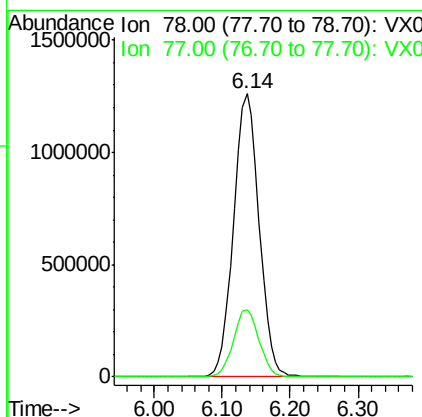
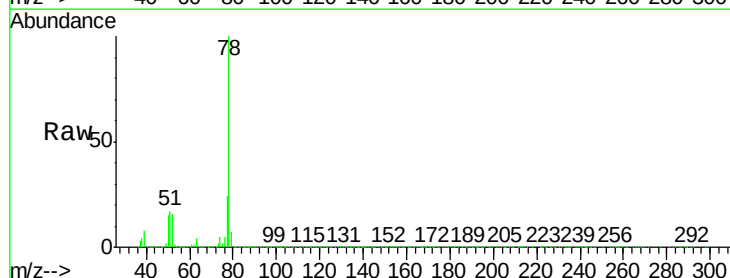
RT: 6.14 min Scan# 861

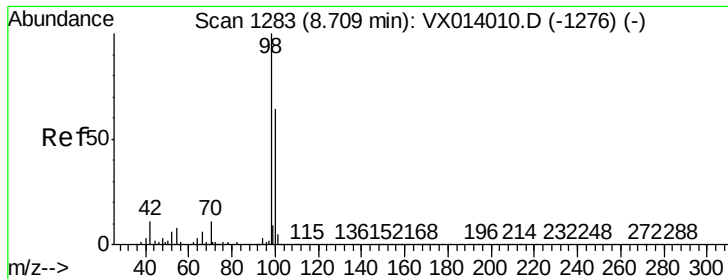
Delta R.T. 0.01 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Tgt Ion:	78	Resp:	3294852
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.8	28.2





#50

Toluene-d8

Concen: 51.205 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion: 98 Resp: 1042957

Ion Ratio Lower Upper

98 100

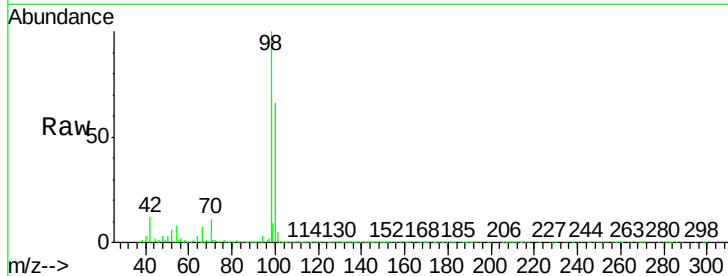
100 65.2 52.9 79.3

Manual Integrations

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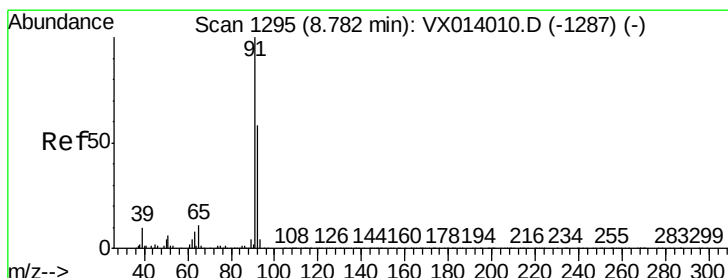
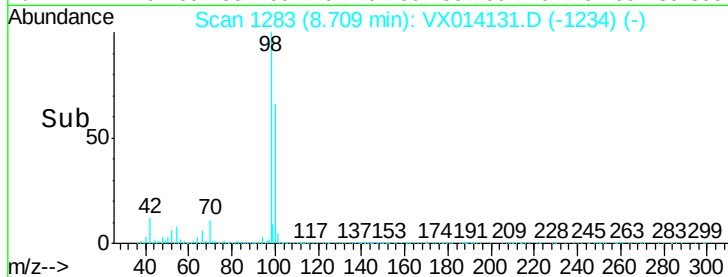
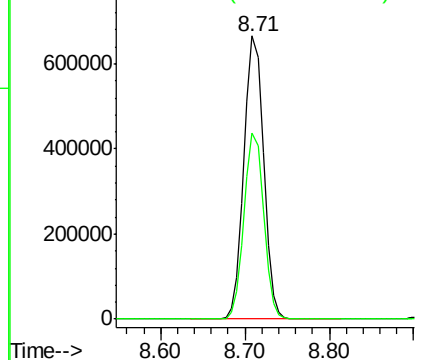
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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 233.208 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014131.D

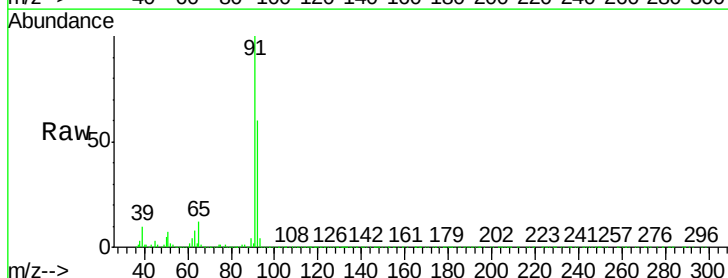
Acq: 19 Dec 2019 19:20

Tgt Ion: 92 Resp: 3581556

Ion Ratio Lower Upper

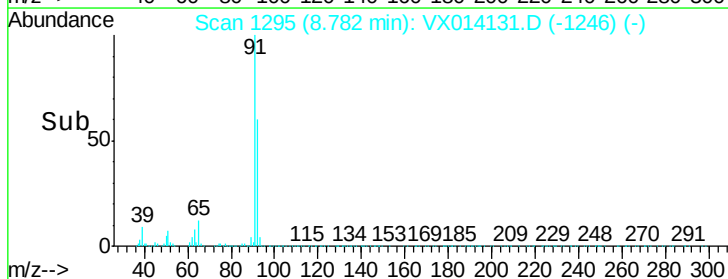
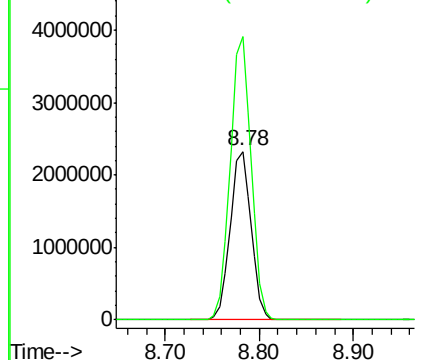
92 100

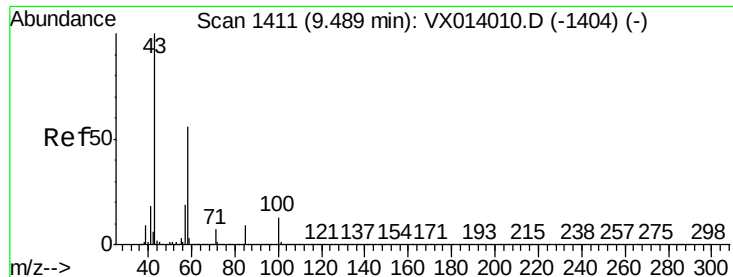
91 168.2 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





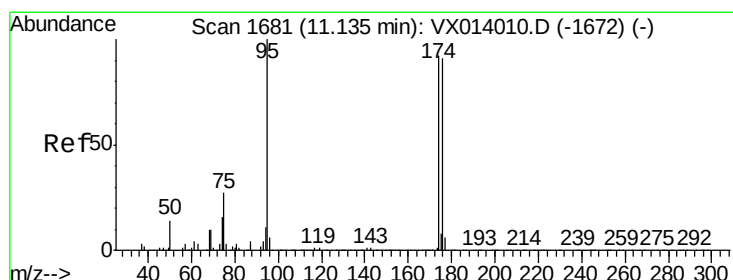
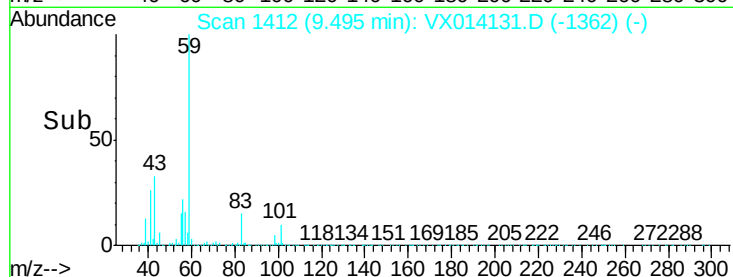
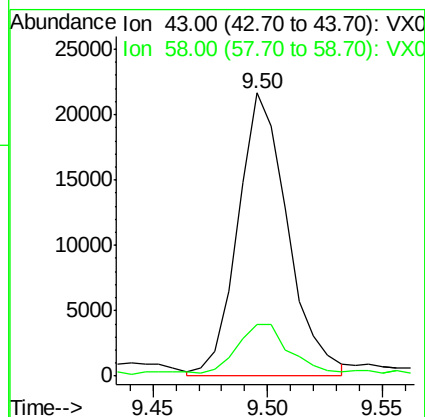
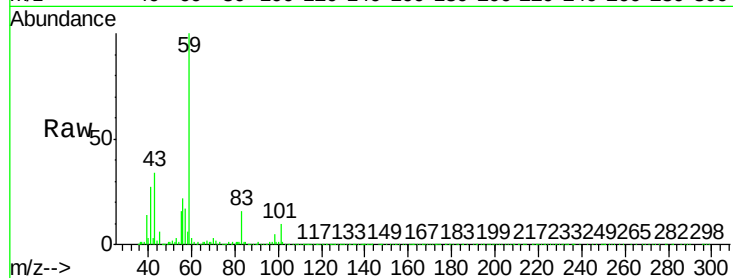
#59
2-Hexanone
Concen: 4.456 ug/l m
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion: 43 Resp: 32511
Ion Ratio Lower Upper
43 100
58 13.5 28.0 84.0#

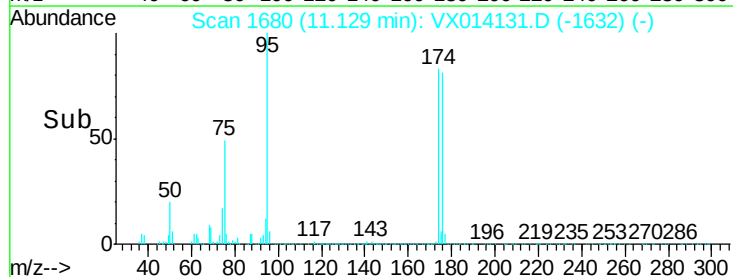
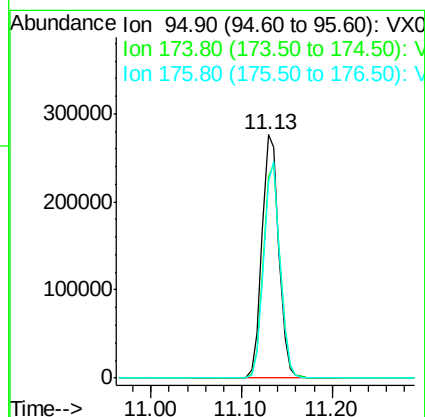
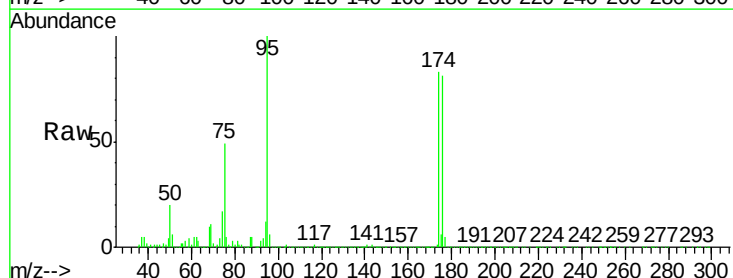
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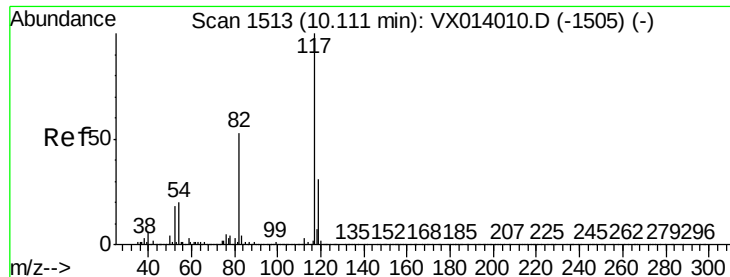
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#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion: 95 Resp: 357083
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.8
176 85.9 0.0 173.0





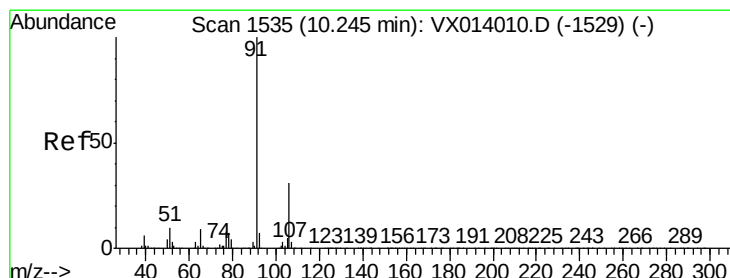
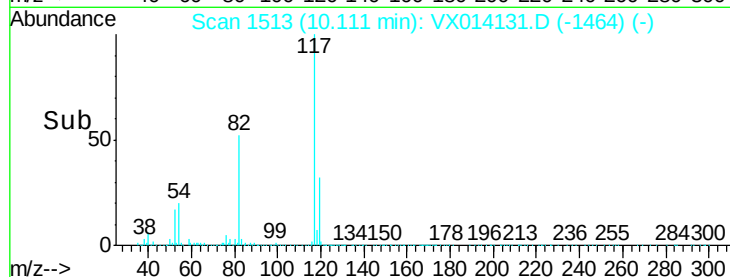
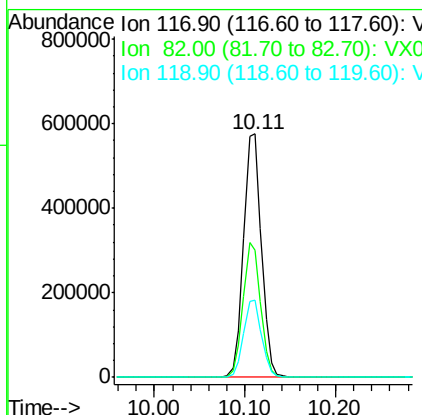
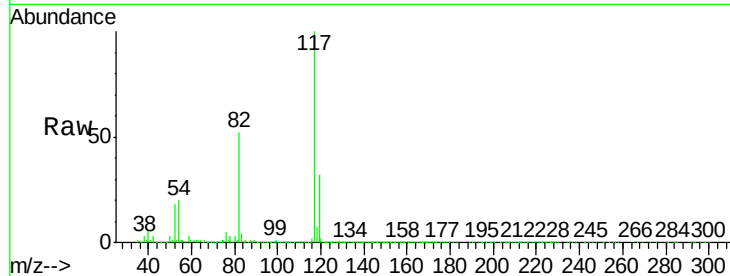
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	31.8	25.1	37.7

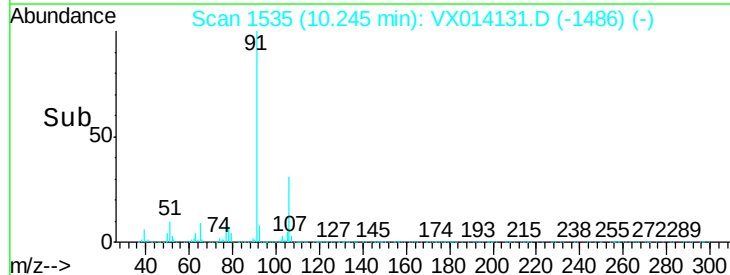
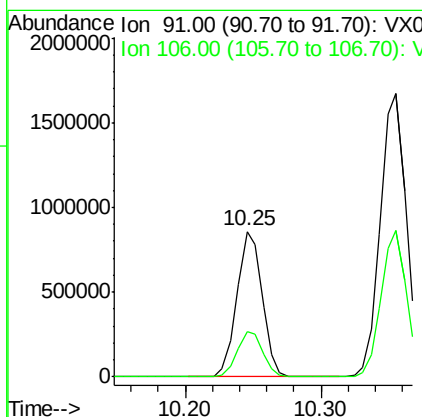
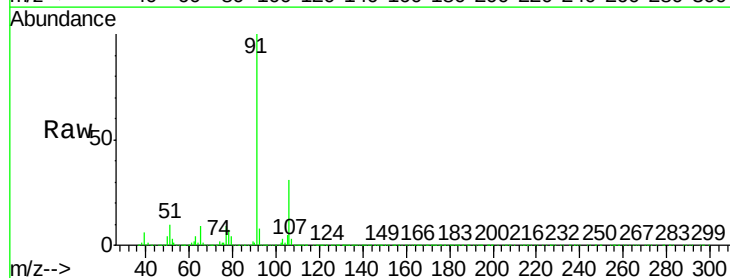
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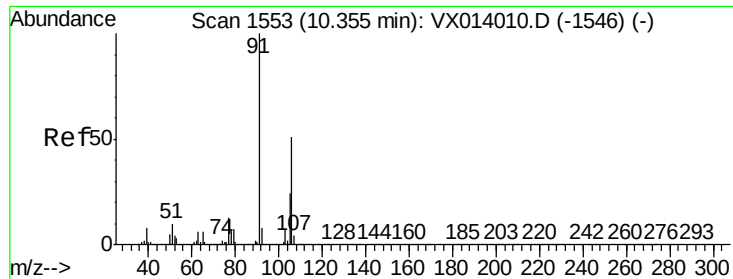
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#67
Ethyl Benzene
Concen: 38.512 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.0	37.6





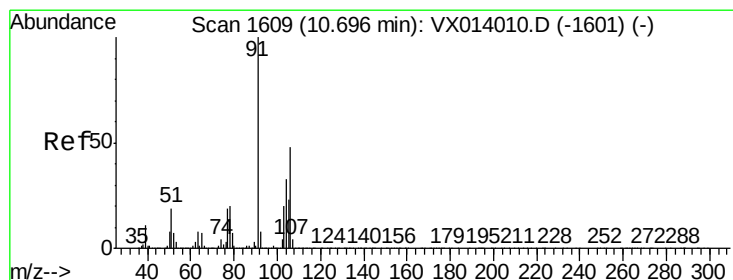
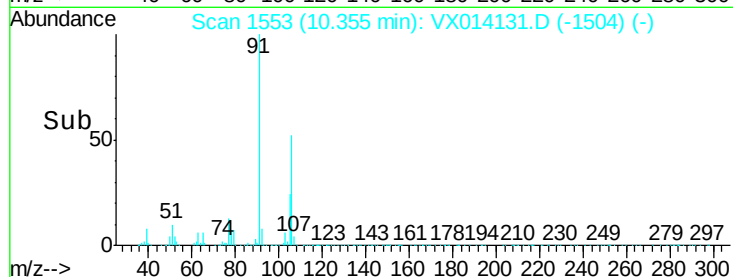
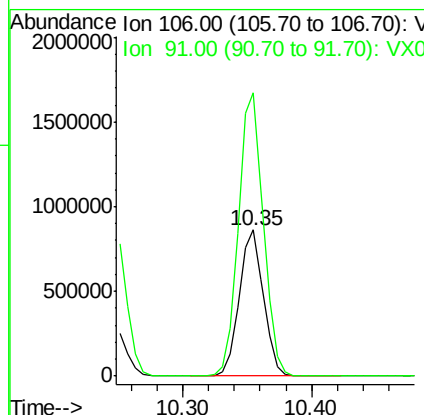
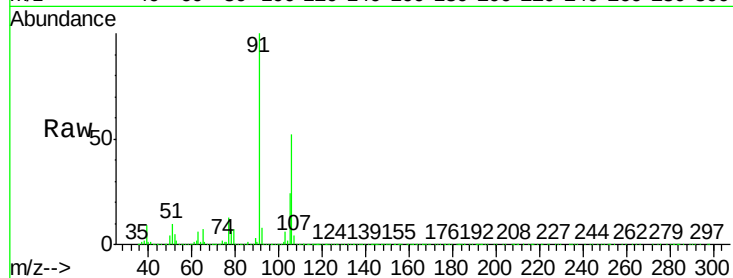
#68
m/p-Xylenes
Concen: 100.925 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:106 Resp: 1120457
Ion Ratio Lower Upper
106 100
91 198.9 158.6 238.0

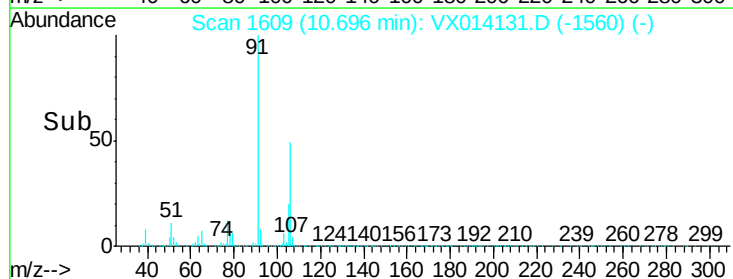
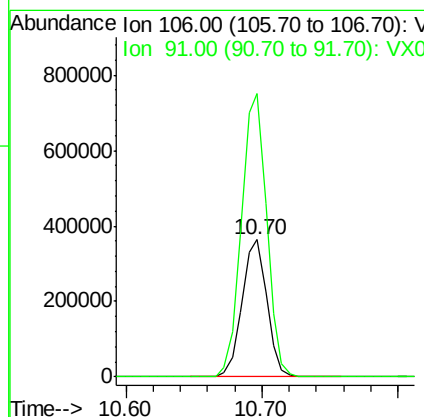
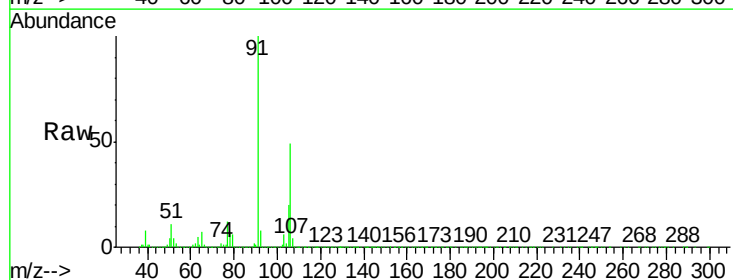
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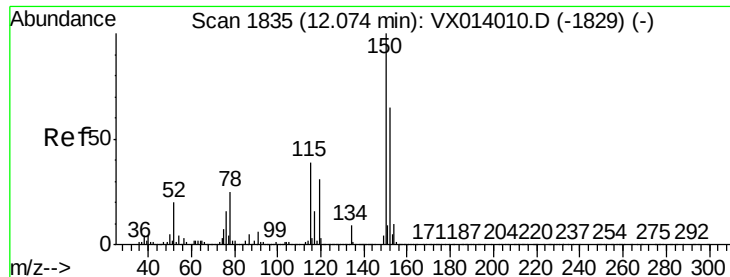
apatel
12/20/2019 10:13:14 AM



#69
o-Xylene
Concen: 42.408 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion:106 Resp: 461744
Ion Ratio Lower Upper
106 100
91 210.2 104.2 312.6





#72

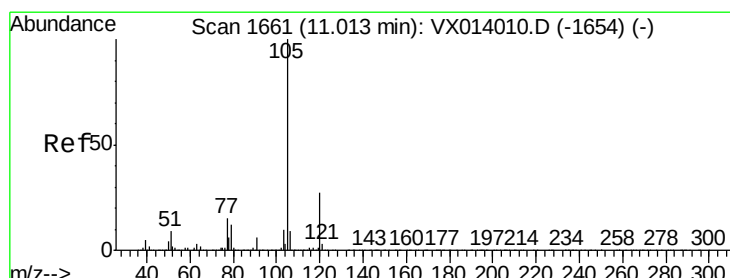
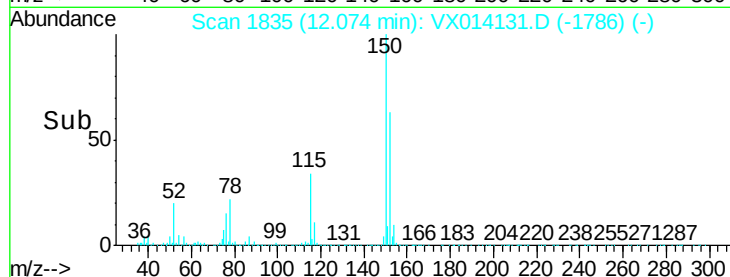
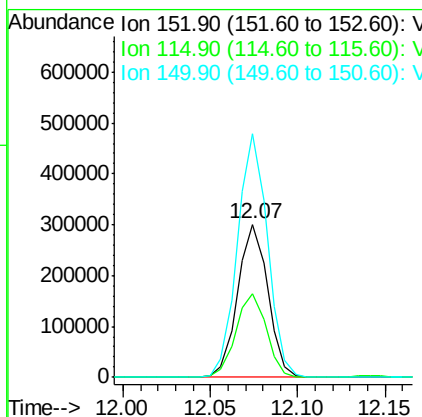
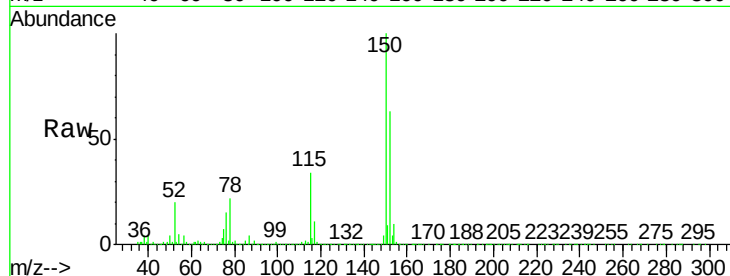
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Resp	Lower	Upper
152	100	362196		
115	55.0	38.3	114.9	
150	158.3	0.0	345.4	

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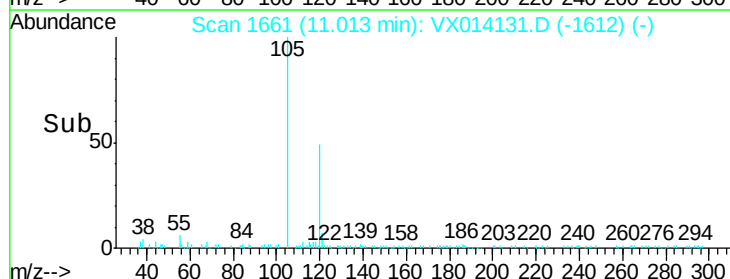
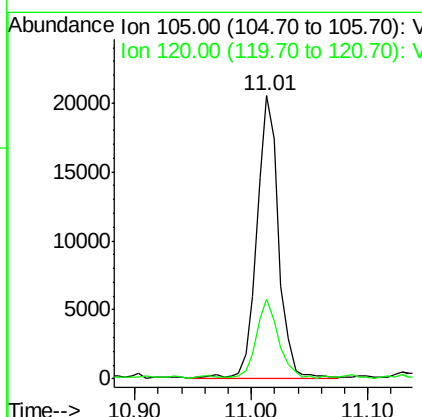
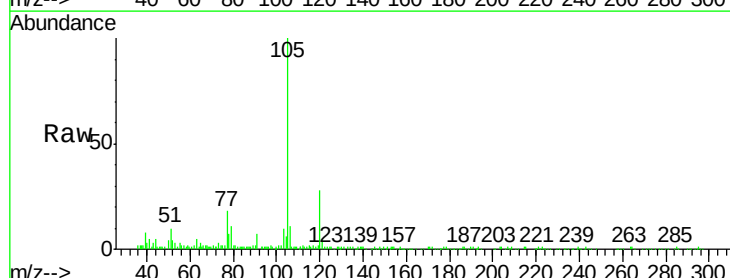
apatel
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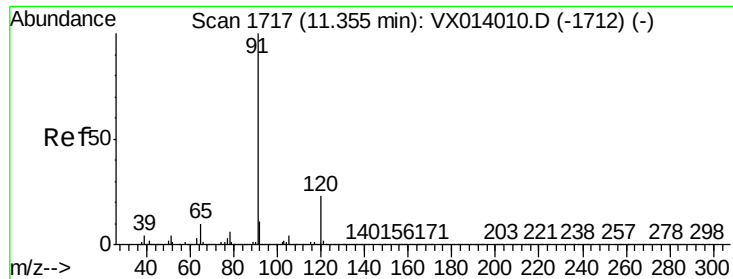


#73

Isopropylbenzene
Concen: 1.051 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	26810		
120	28.6	13.5	40.4	





#78

n-propylbenzene

Concen: 2.388 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014131.D

Acq: 19 Dec 2019 19:20

Instrument :

MSVOA_X

ClientSampled :

MW-3

Tot Ion: 91 Resp: 68296

Ion Ratio Lower Upper

91 100

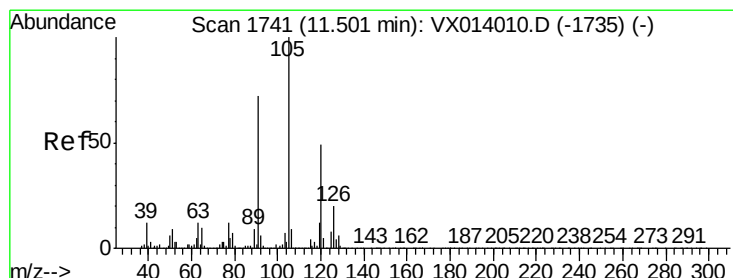
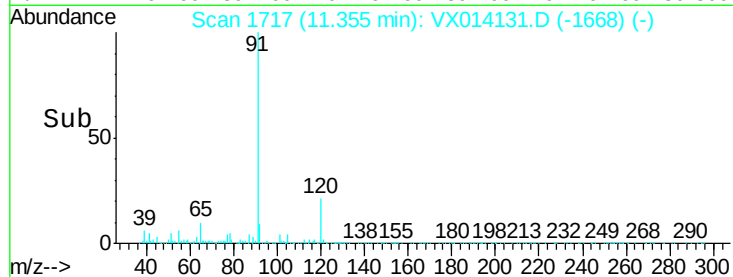
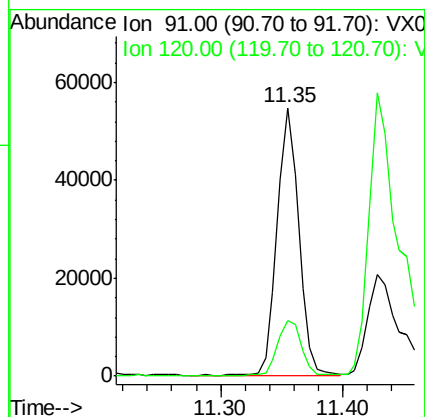
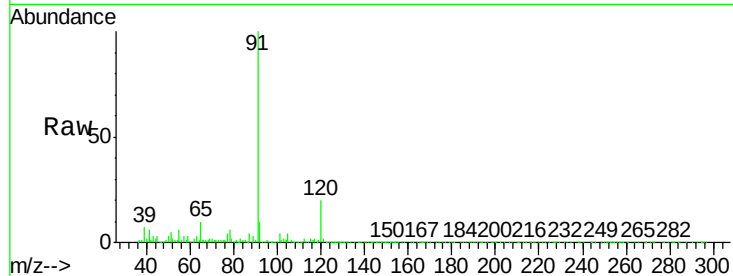
120 22.5 11.7 35.0

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#80

1,3,5-Trimethylbenzene

Concen: 4.204 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014131.D

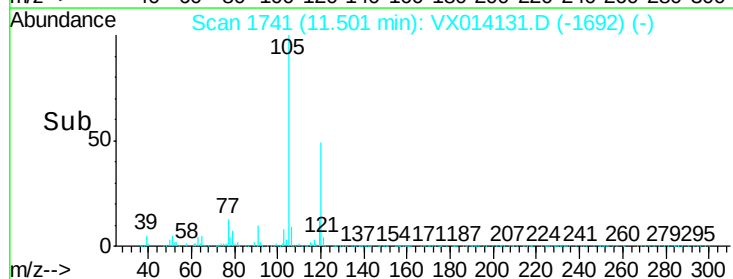
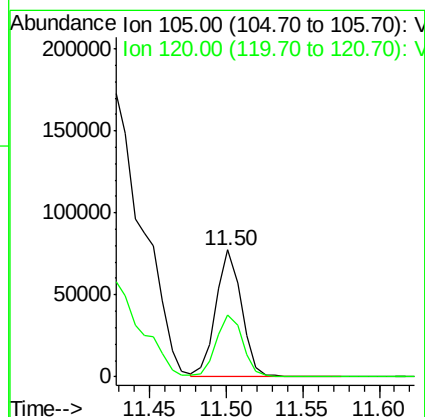
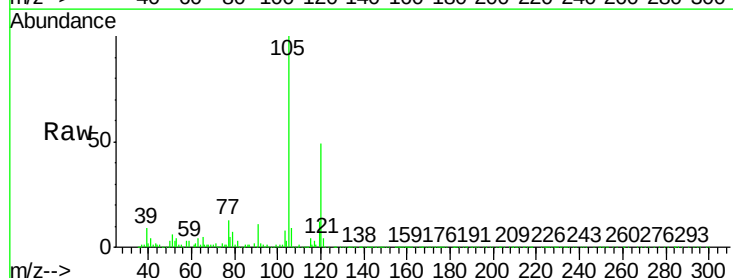
Acq: 19 Dec 2019 19:20

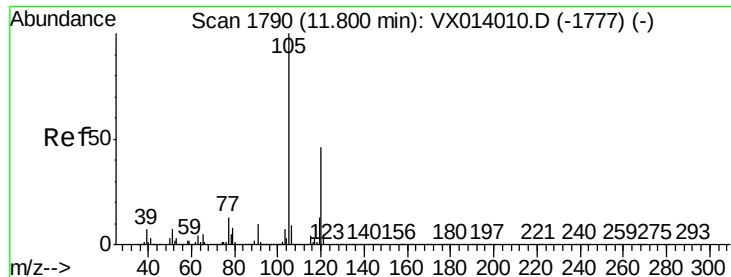
Tgt Ion: 105 Resp: 90228

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





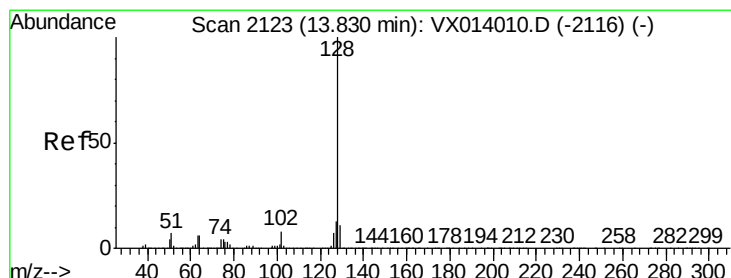
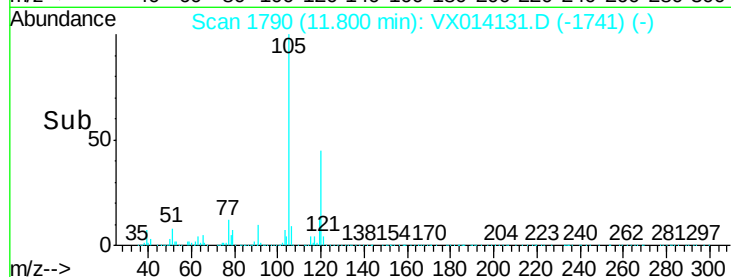
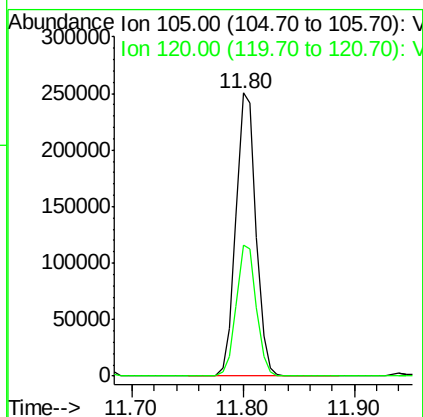
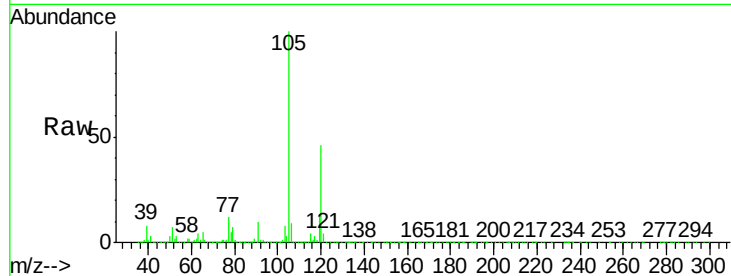
#84
1,2,4-Trimethylbenzene
Concen: 14.499 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2

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#95
Naphthalene
Concen: 2.811 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014131.D
Acq: 19 Dec 2019 19:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	12.1	8.7	13.1

