

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014146.D
 Acq On : 20 Dec 2019 02:32
 Operator : JC/SP
 Sample : K6372-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Manual Integrations
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Quant Time: Dec 20 04:53:54 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	579839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	873150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	792976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	388213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	311018	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	255923	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1053158	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	376123	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	43791	10.264	ug/l	97
31) Cyclohexane	5.57	56	386087	39.316	ug/l	98
39) Methylcyclohexane	7.46	83	529314	53.507	ug/l	99
40) Benzene	6.14	78	7787490	315.911	ug/l	99
52) Toluene	8.78	92	3287810	211.013	ug/l	98
67) Ethyl Benzene	10.25	91	5636123	194.434	ug/l	99
68) m/p-Xylenes	10.36	106	13432370	1204.812	ug/l #	53
69) o-Xylene	10.70	106	5197955	475.378	ug/l	91
73) Isopropylbenzene	11.01	105	358708	13.124	ug/l	100
78) n-propylbenzene	11.35	91	501721	16.365	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	3172695	137.921	ug/l	100
83) tert-Butylbenzene	11.77	119	10487m	0.468	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	11599007	503.497	ug/l	87
85) sec-Butylbenzene	11.94	105	43925m	1.662	ug/l	
86) p-Isopropyltoluene	12.06	119	59719	2.470	ug/l #	77
95) Naphthalene	13.83	128	2759197	108.901	ug/l	99

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

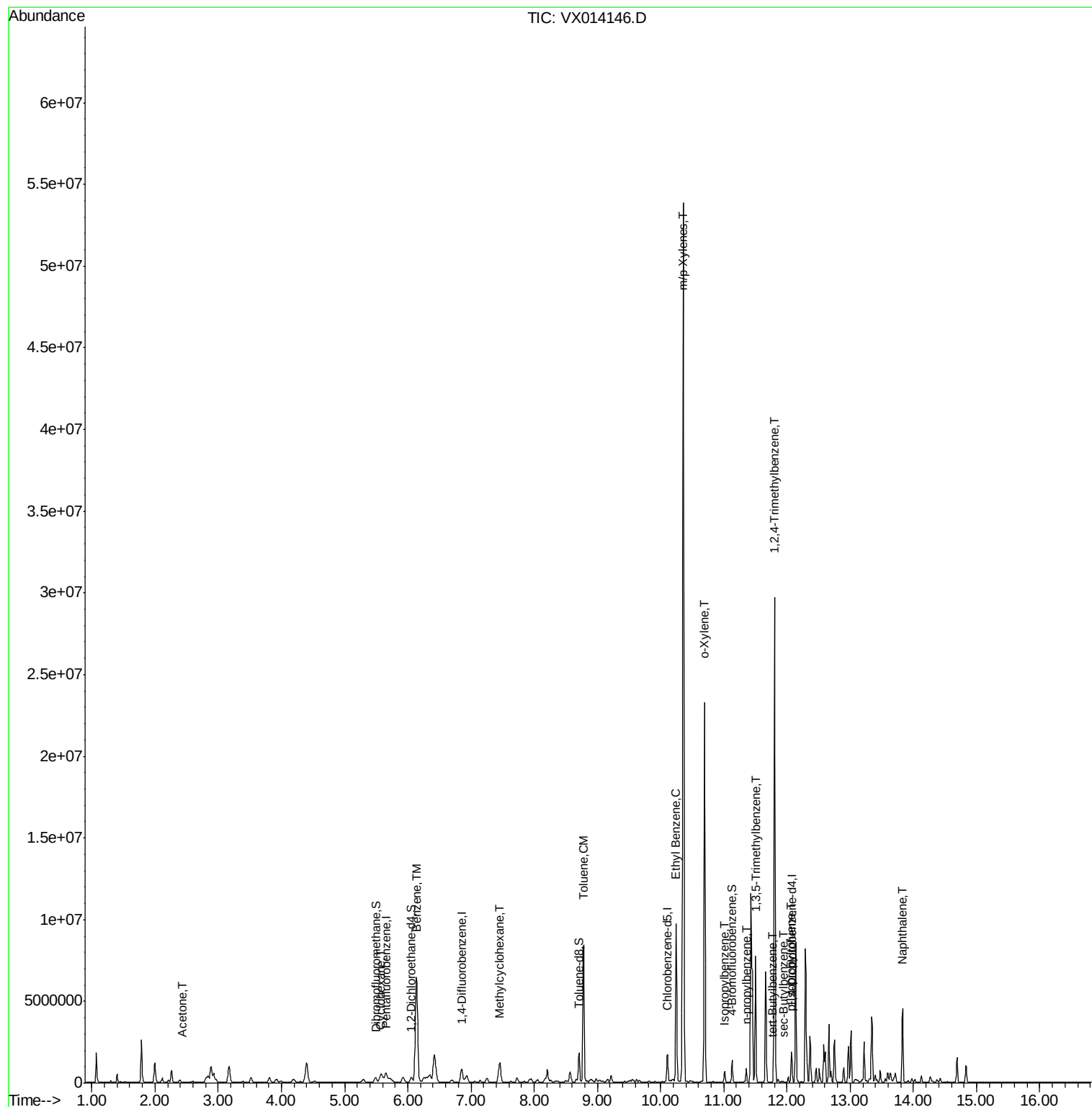
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
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Misc : 5.0mL/MSVOA X/WATER
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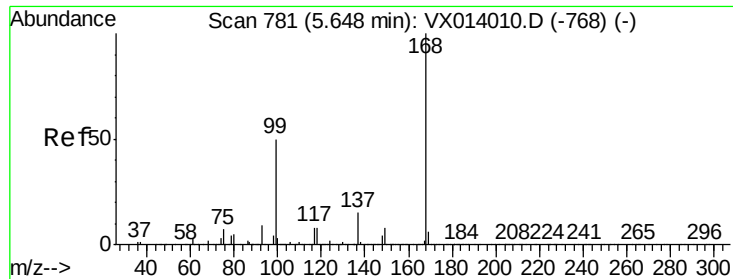
Instrument :
MSVOA_X
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MW-6

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Quant Time: Dec 20 04:53:54 2019
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#1

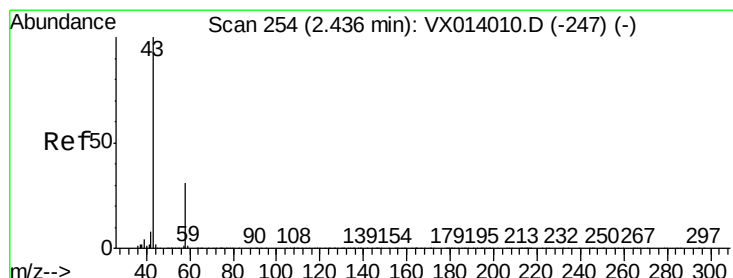
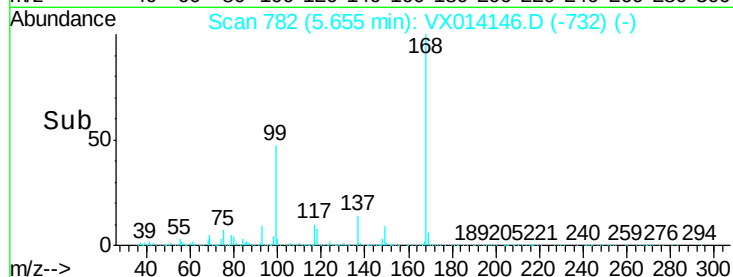
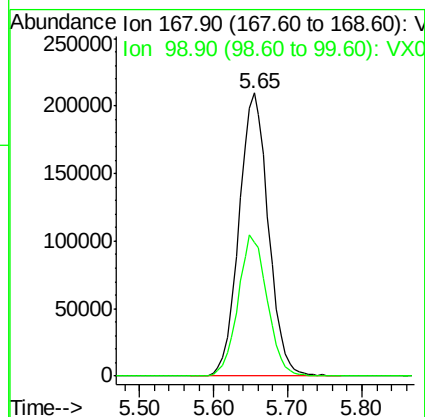
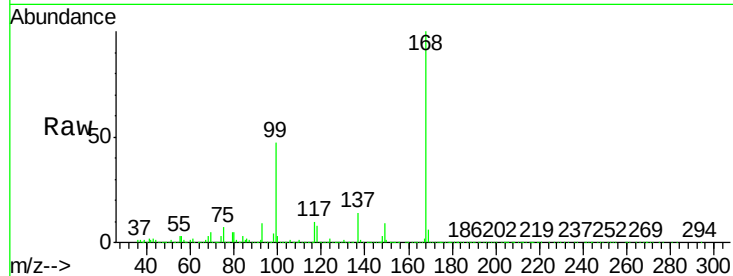
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Instrument :
 MSVOA_X
 ClientSampled :
 MW-6

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.3	40.3	60.5

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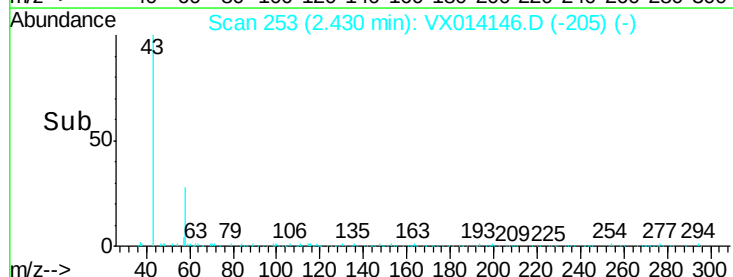
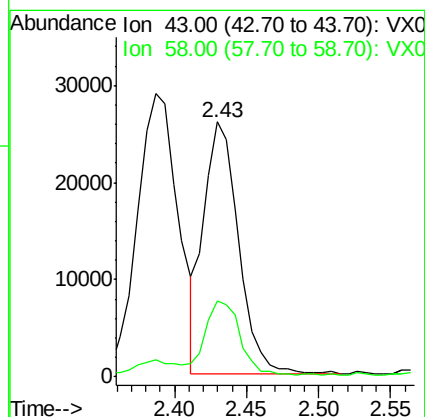
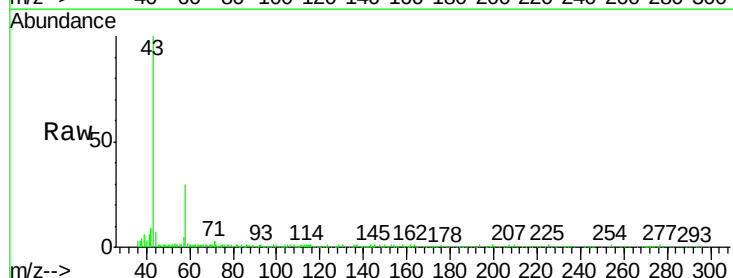
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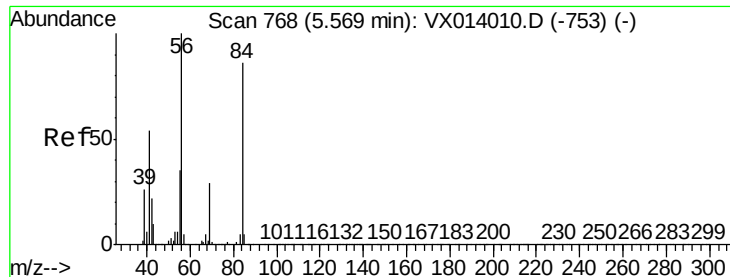


#16

Acetone
 Concen: 10.264 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.9	37.3





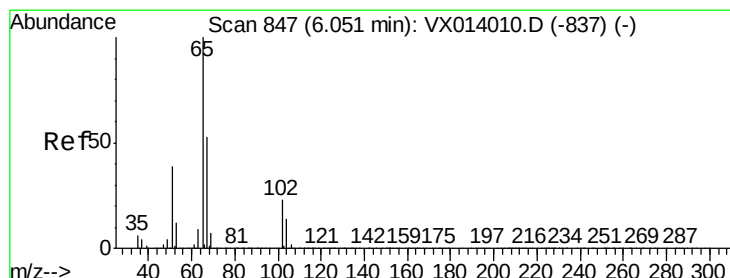
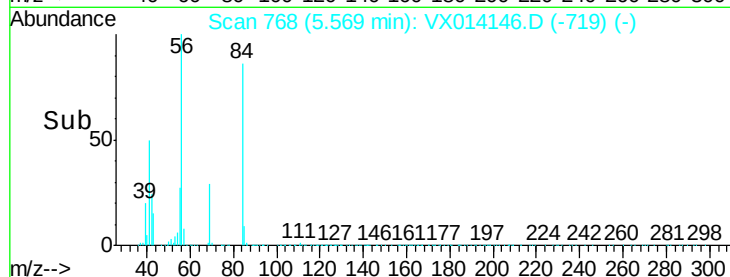
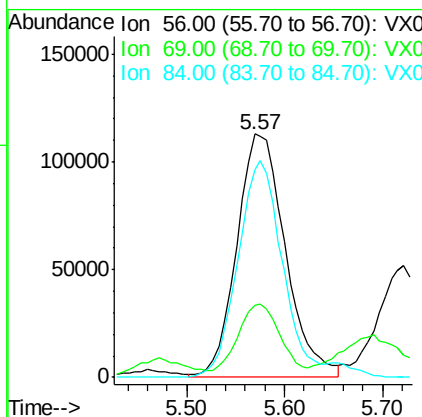
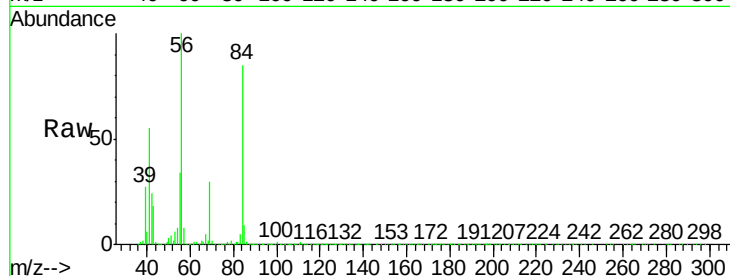
#31
Cyclohexane
Concen: 39.316 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
56	100		
69	25.5	23.2	34.8
84	86.0	69.2	103.8

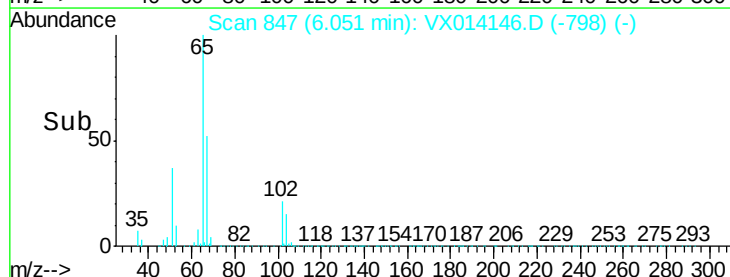
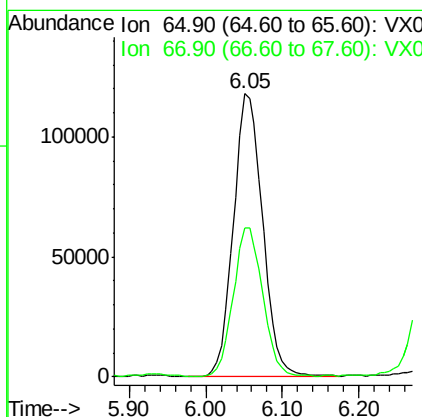
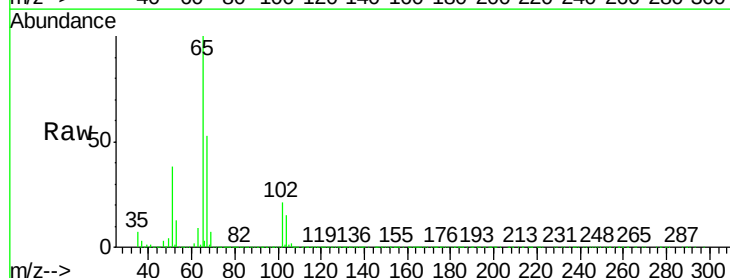
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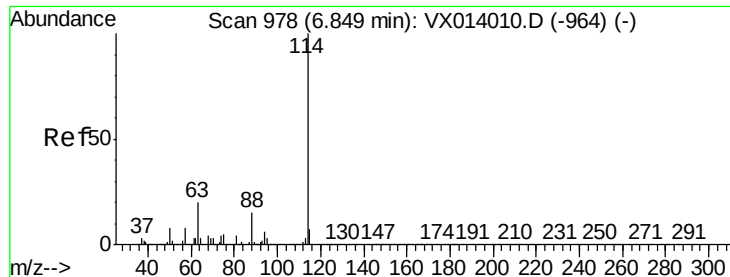
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#33
1,2-Dichloroethane-d4
Concen: 47.327 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

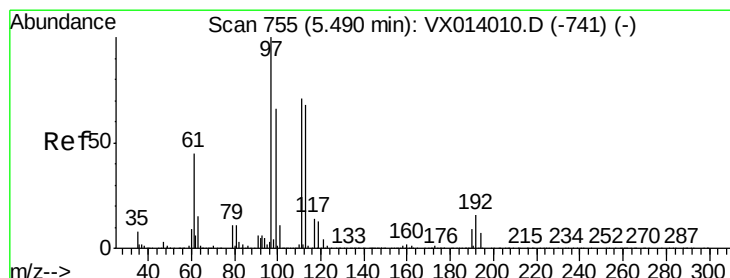
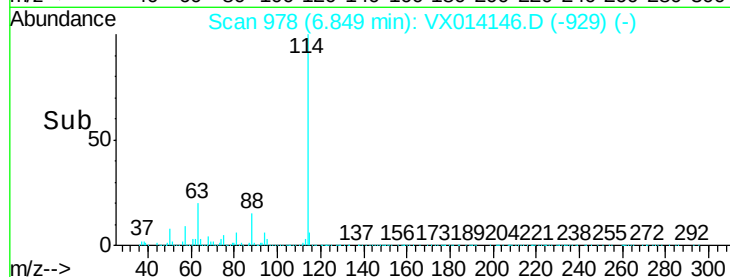
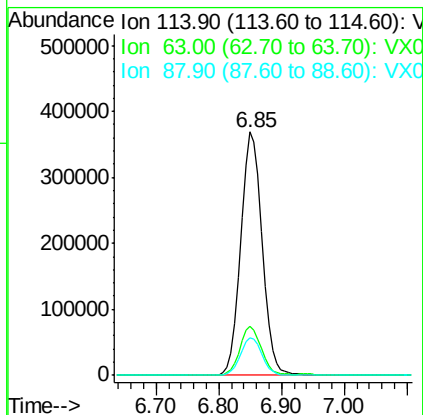
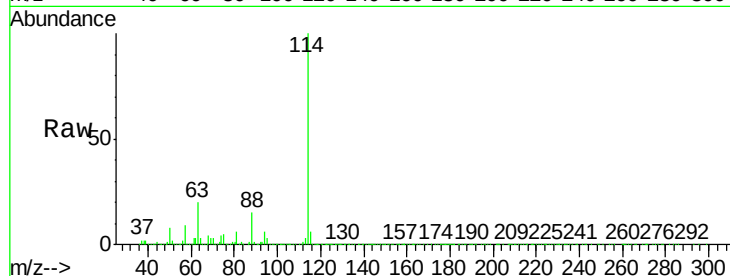
ClientSampleId :

MW-6

Tot Ion:	114	Resp:	873150
Ion Ratio		Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.4	0.0	30.4

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#35

Dibromofluoromethane

Concen: 48.217 ug/l

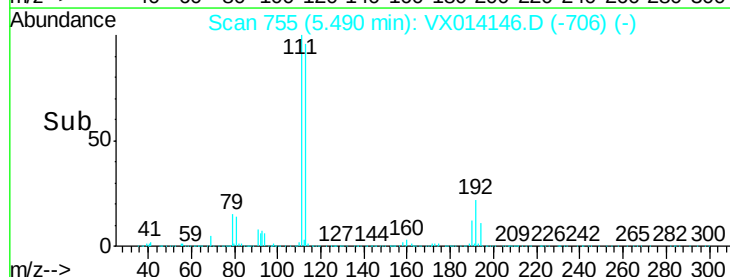
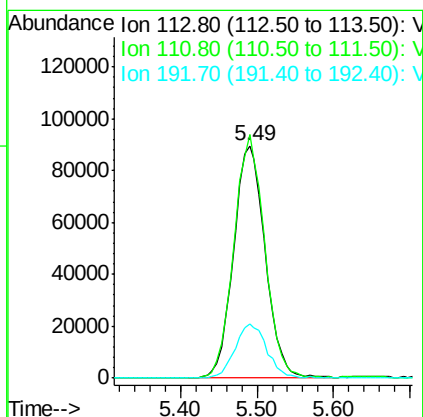
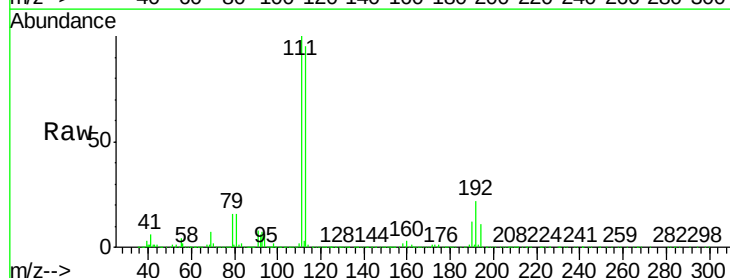
RT: 5.49 min Scan# 755

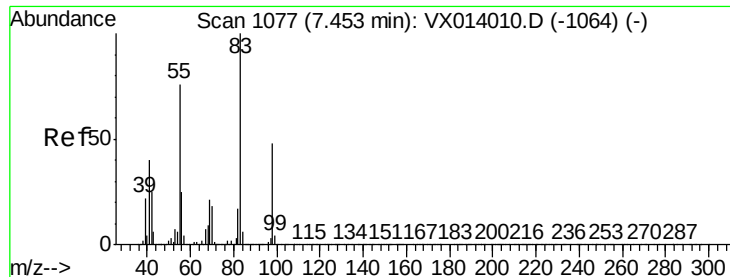
Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Tgt Ion:	113	Resp:	255923
Ion Ratio		Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.3	19.3	28.9





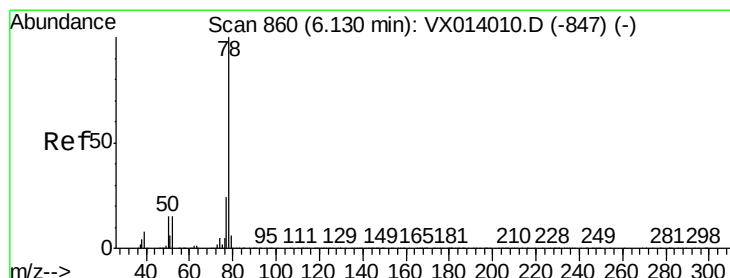
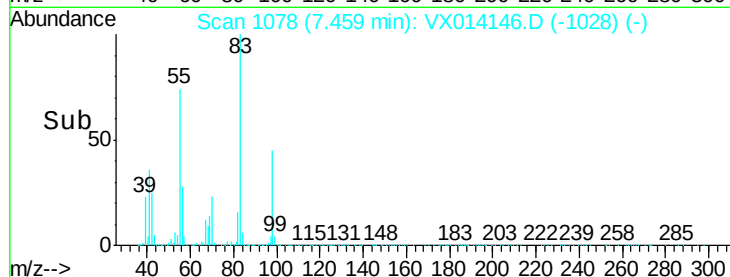
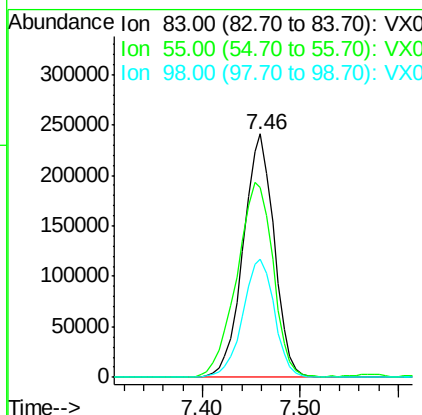
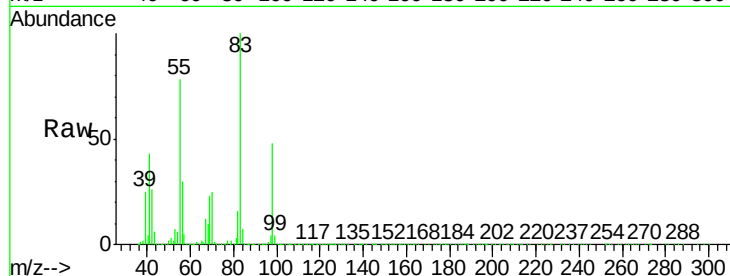
#39
Methvlcvclohexane
Concen: 53.507 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampled :
MW-6

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.0	91.6
98	48.3	38.6	57.8

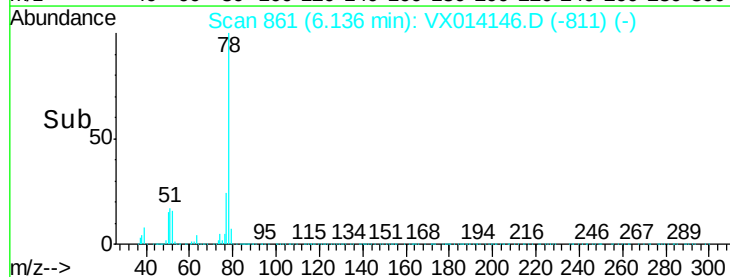
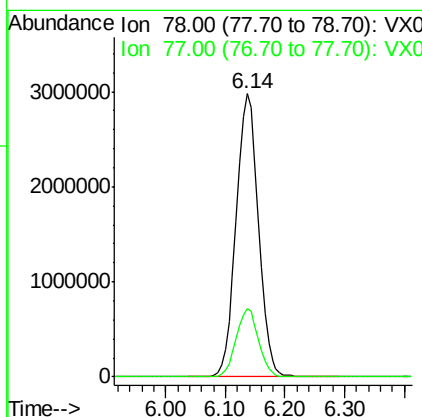
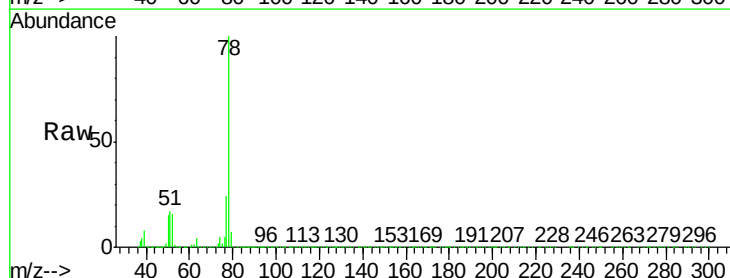
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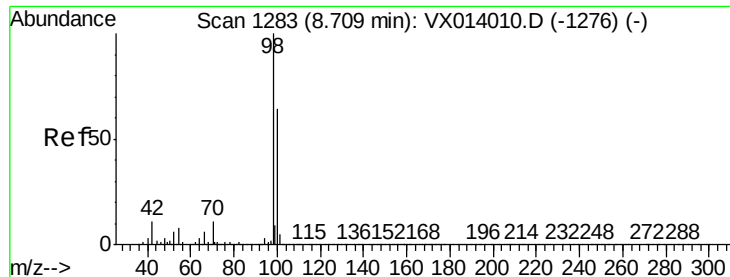
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#40
Benzene
Concen: 315.911 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





#50

Toluene-d8

Concen: 50.965 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tot Ion: 98 Resp: 1053158

Ion Ratio Lower Upper

98 100

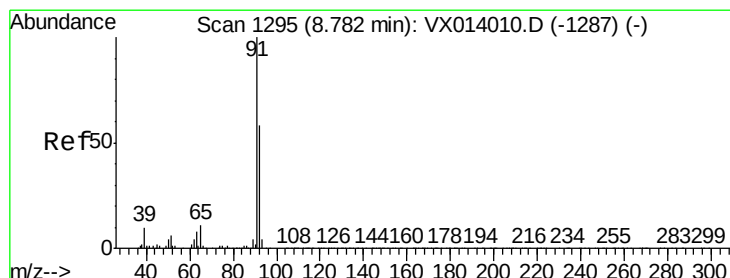
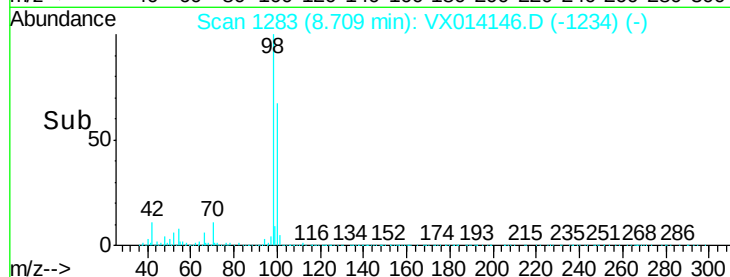
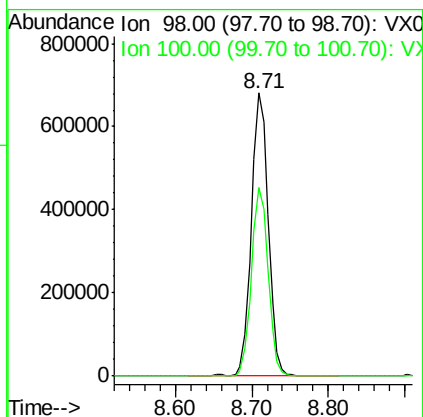
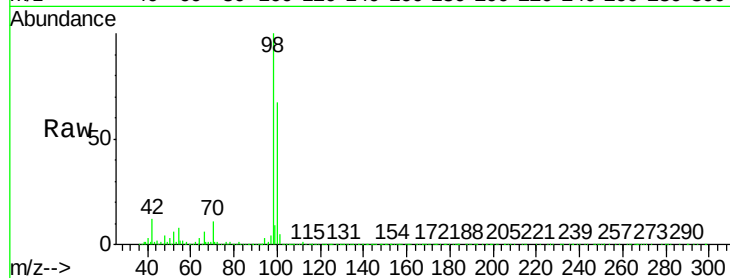
100 65.6 52.9 79.3

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#52

Toluene

Concen: 211.013 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014146.D

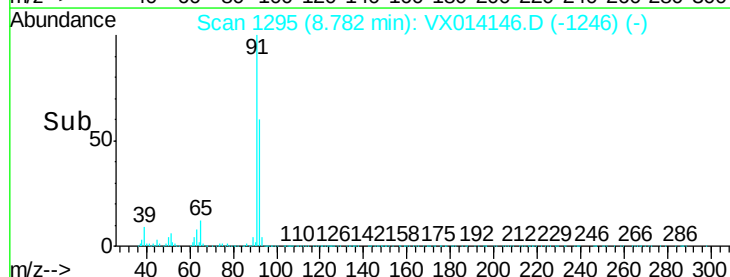
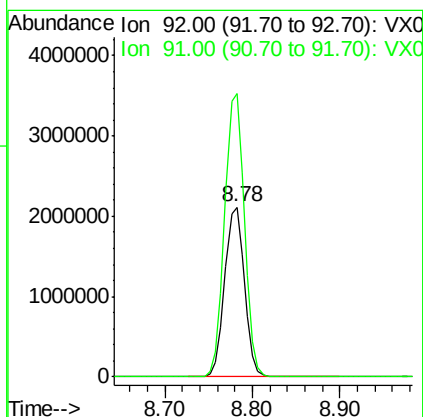
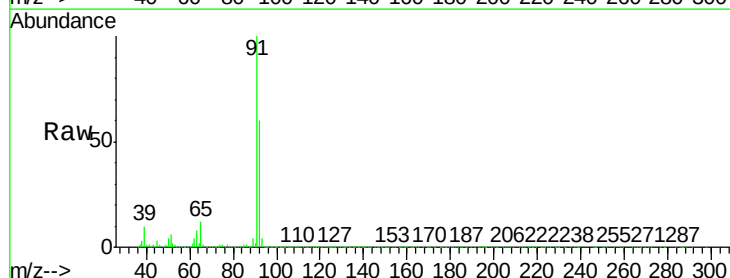
Acq: 20 Dec 2019 02:32

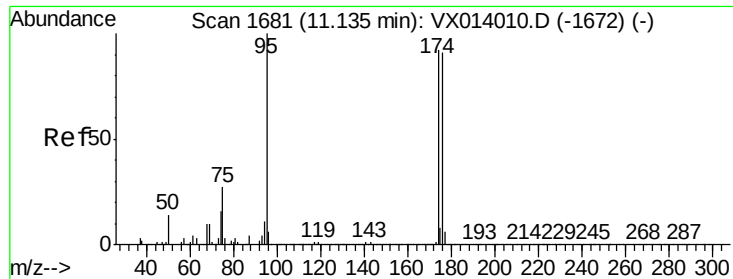
Tgt Ion: 92 Resp: 3287810

Ion Ratio Lower Upper

92 100

91 168.2 136.2 204.4





#62

4-Bromofluorobenzene

Concen: 49.793 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

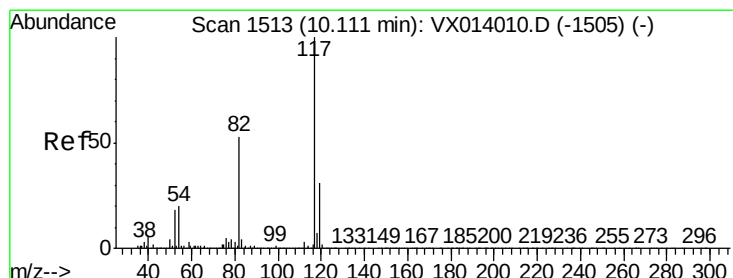
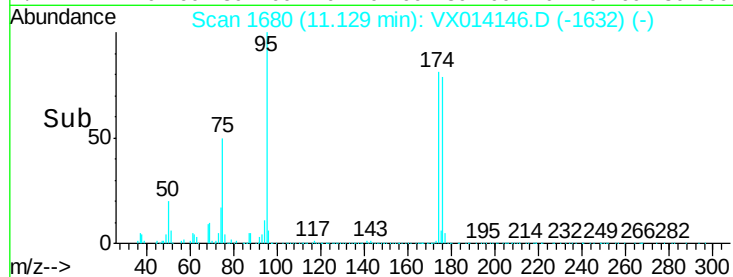
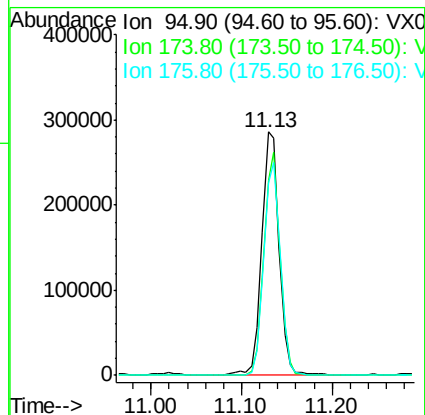
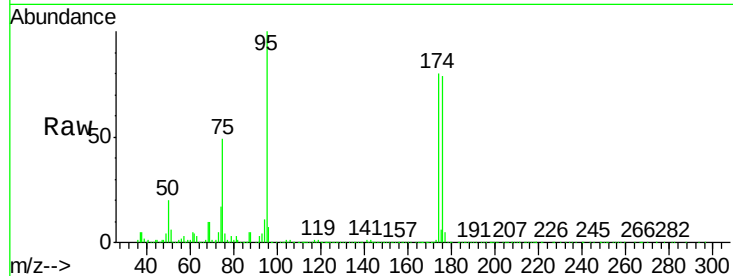
ClientSampled :

MW-6

Tot Ion:	95	Resp:	376123
Ion Ratio	Lower	Upper	
95	100		
174	85.9	0.0	175.8
176	84.3	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

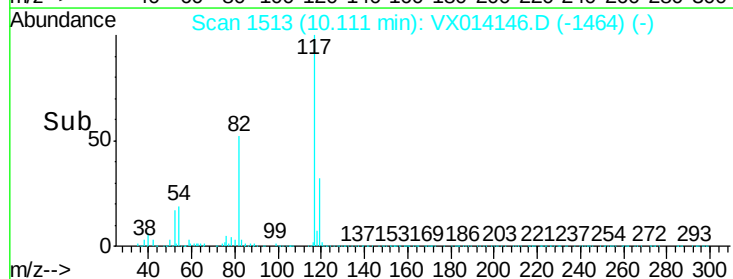
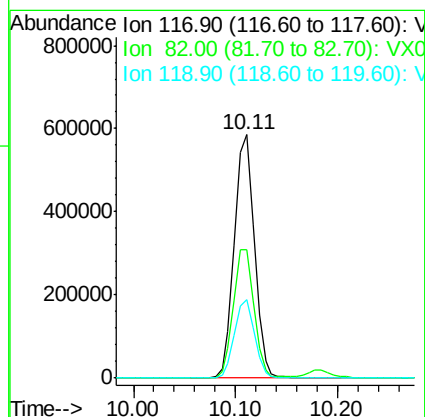
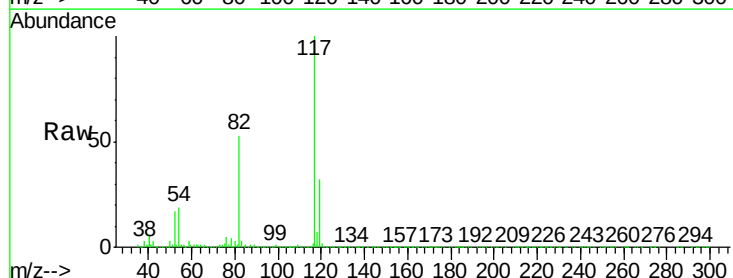
RT: 10.11 min Scan# 1513

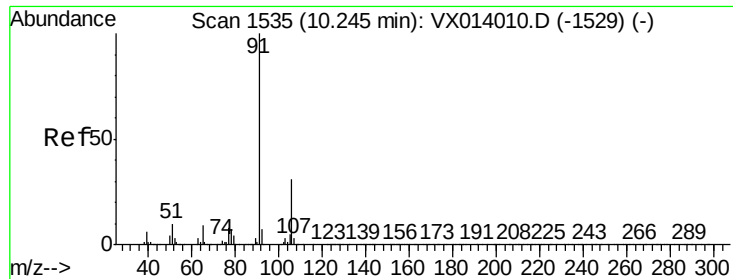
Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Tgt Ion:	117	Resp:	792976
Ion Ratio	Lower	Upper	
117	100		
82	52.6	42.2	63.4
119	32.2	25.1	37.7





#67

Ethyl Benzene

Concen: 194.434 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

MW-6

Tot Ion: 91 Resp: 5636123

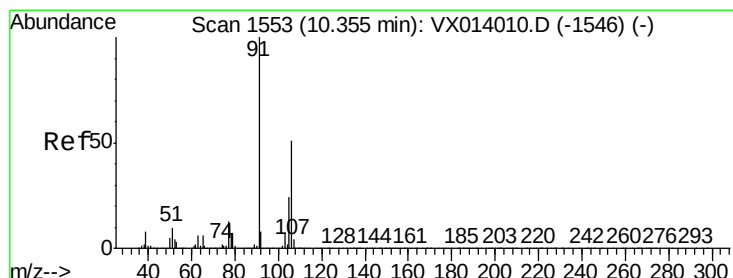
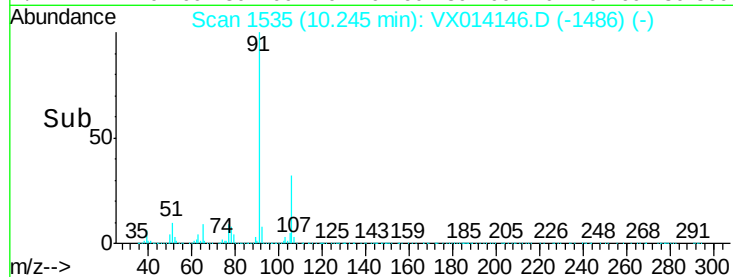
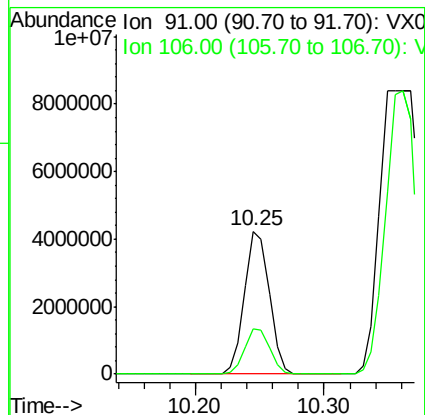
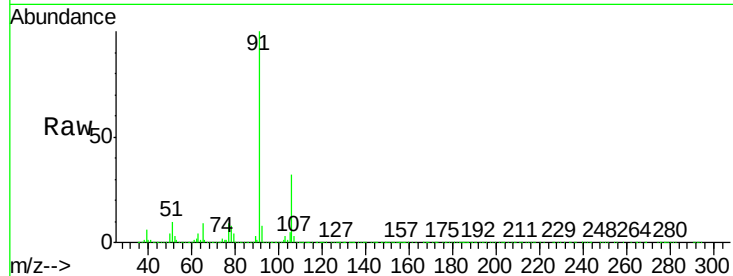
Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.6

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#68

m/p-Xylenes

Concen: 1204.812 ug/l

RT: 10.36 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VX014146.D

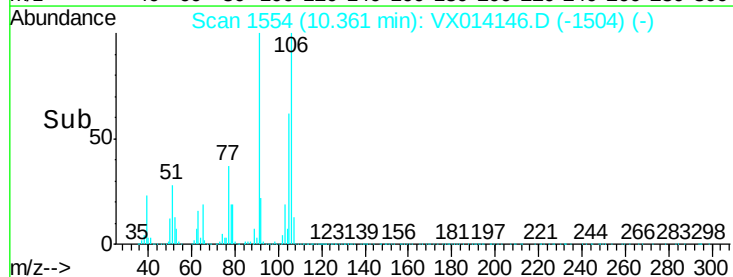
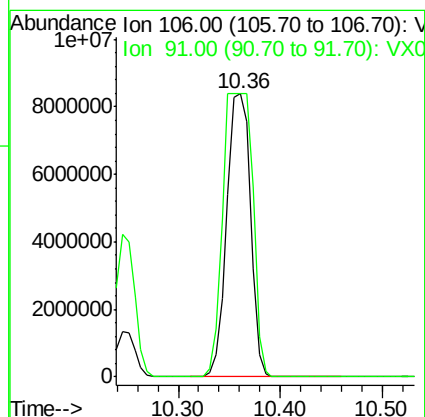
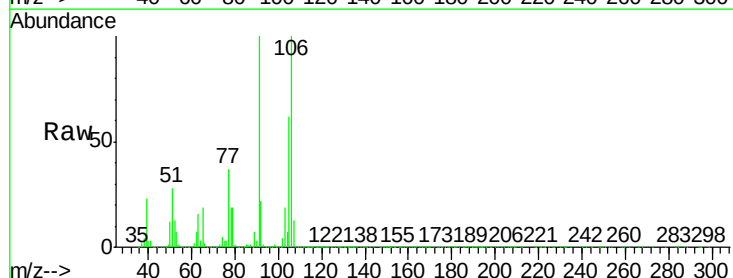
Acq: 20 Dec 2019 02:32

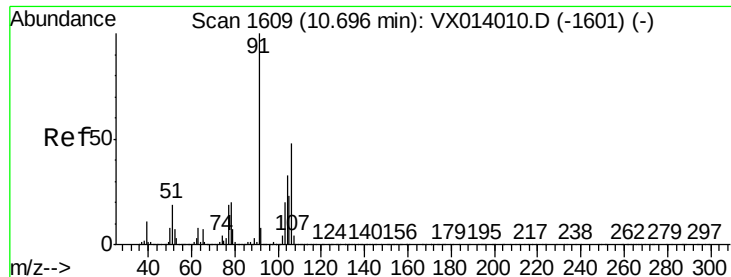
Tgt Ion: 106 Resp: 13432370

Ion Ratio Lower Upper

106 100

91 127.9 158.6 238.0#





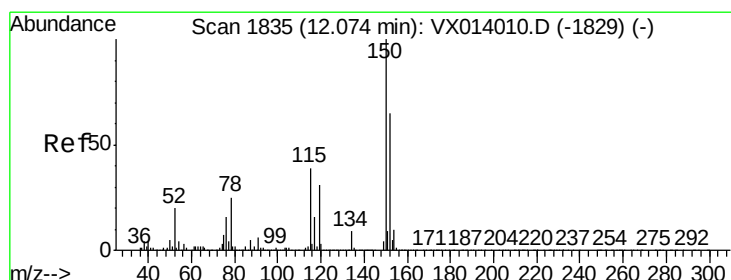
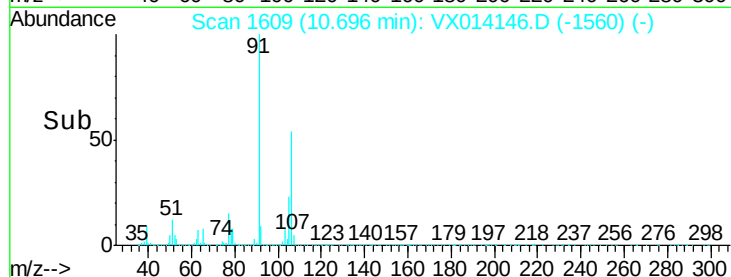
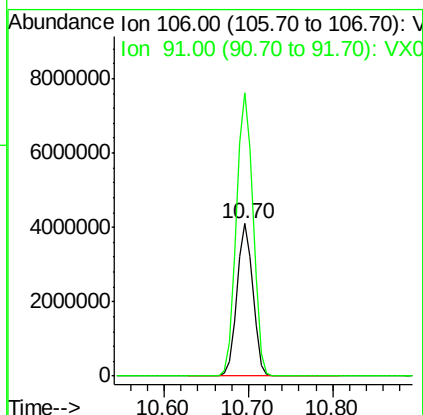
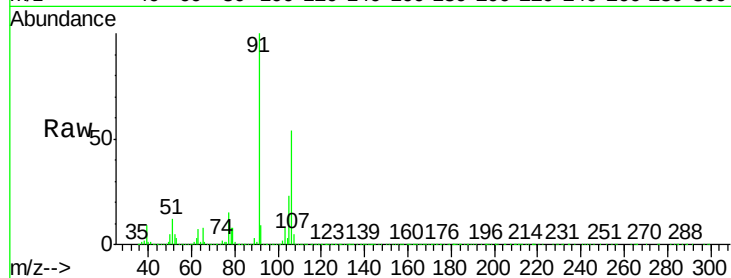
#69
o-Xylene
Concen: 475.378 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampled :
MW-6

Tot Ion:106 Resp: 5197955
Ion Ratio Lower Upper
106 100
91 194.8 104.2 312.6

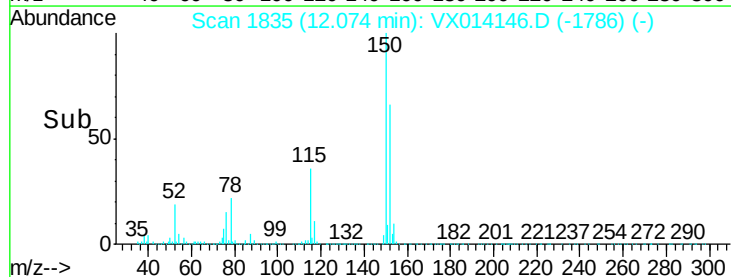
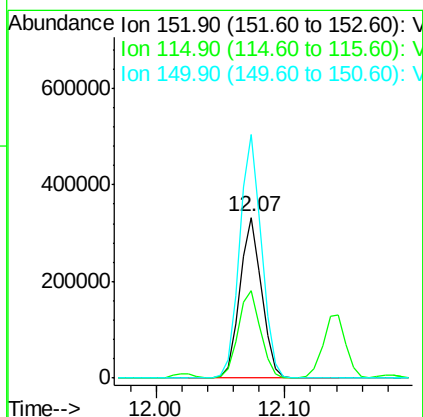
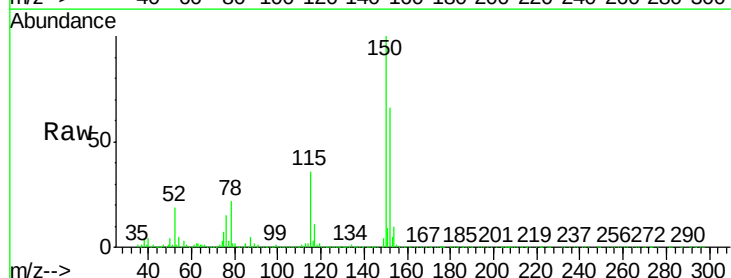
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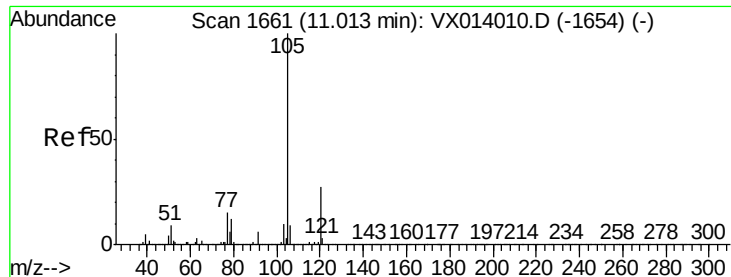
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion:152 Resp: 388213
Ion Ratio Lower Upper
152 100
115 55.8 38.3 114.9
150 152.8 0.0 345.4





#73

Isopropylbenzene

Concen: 13.124 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

MW-6

Tot Ion: 105 Resp: 358708

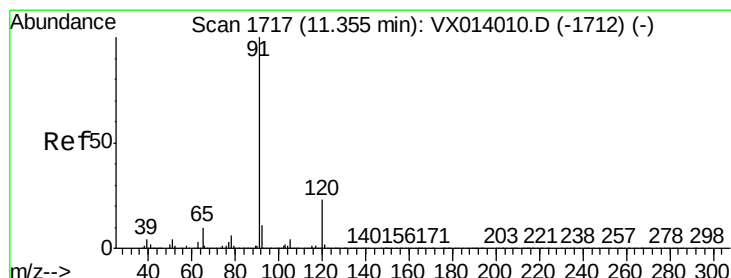
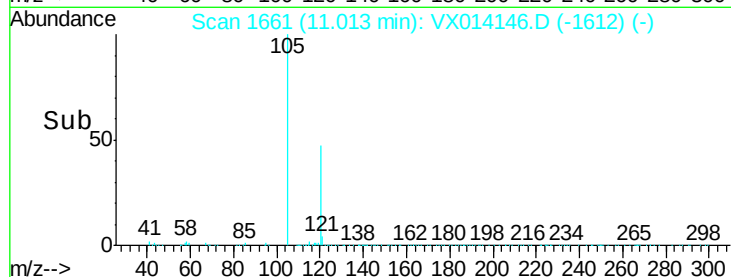
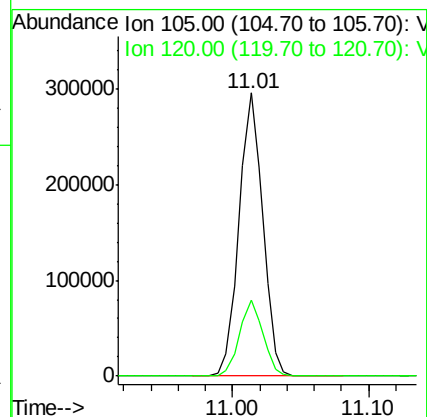
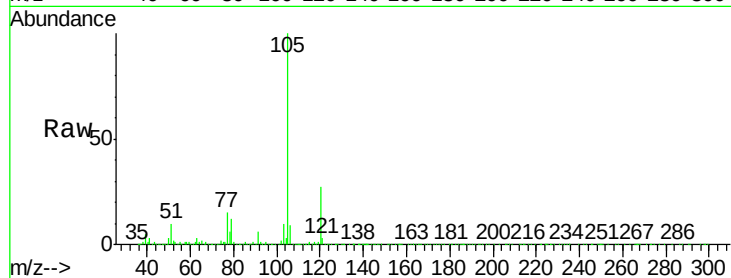
Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4

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#78

n-propylbenzene

Concen: 16.365 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014146.D

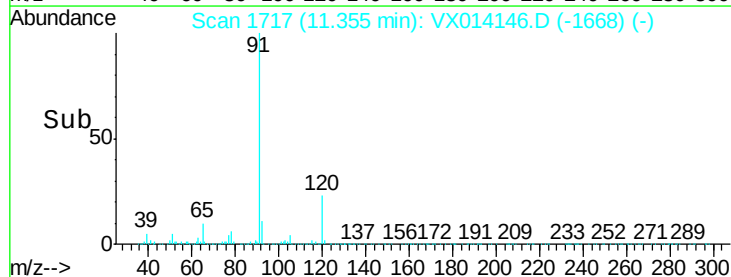
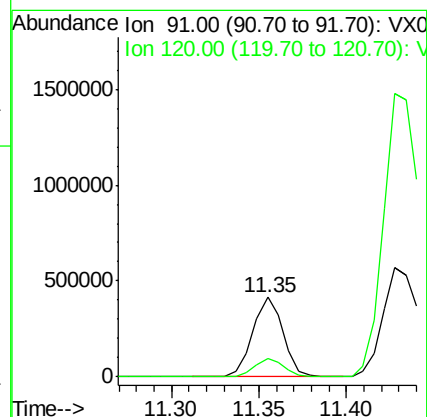
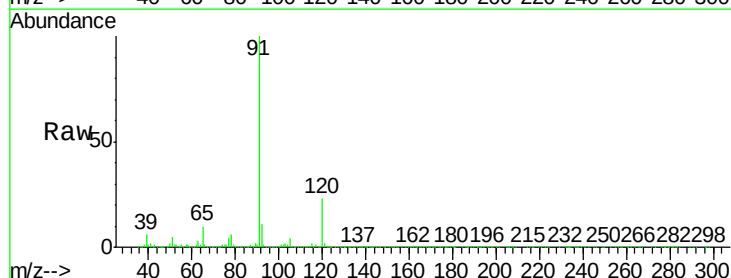
Acq: 20 Dec 2019 02:32

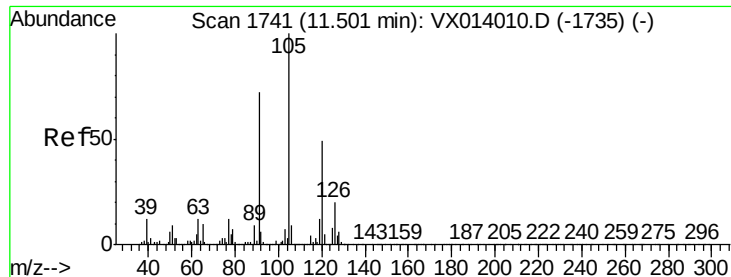
Tgt Ion: 91 Resp: 501721

Ion Ratio Lower Upper

91 100

120 22.8 11.7 35.0





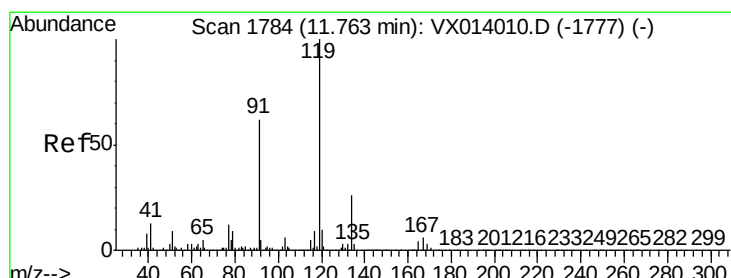
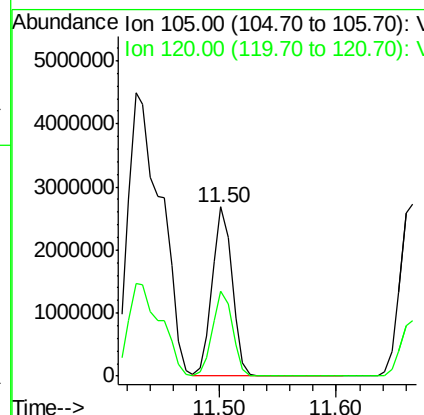
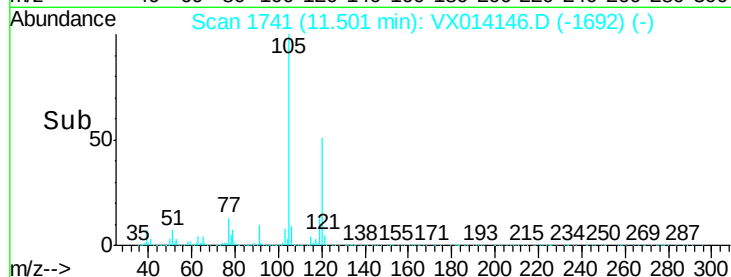
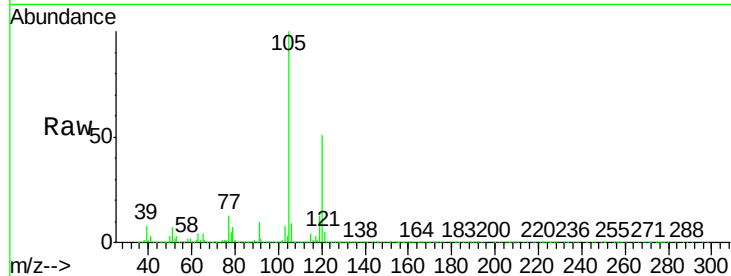
#80
 1,3,5-Trimethylbenzene
 Concen: 137.921 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Instrument :
 MSVOA_X
 ClientSampled :
 MW-6

Tot Ion:105 Resp: 3172695
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.8

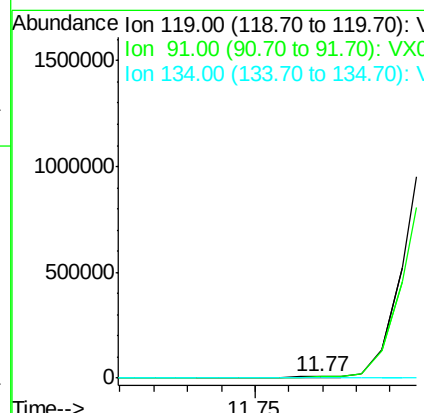
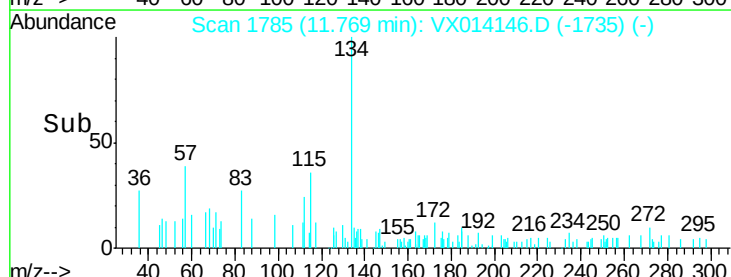
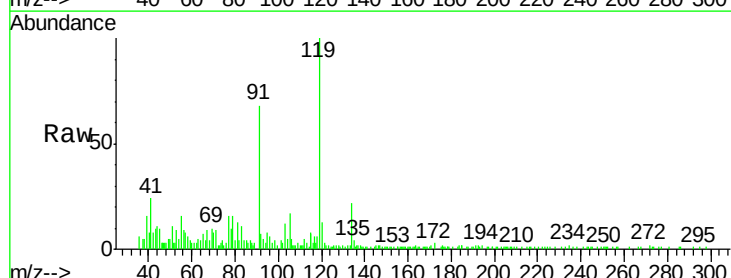
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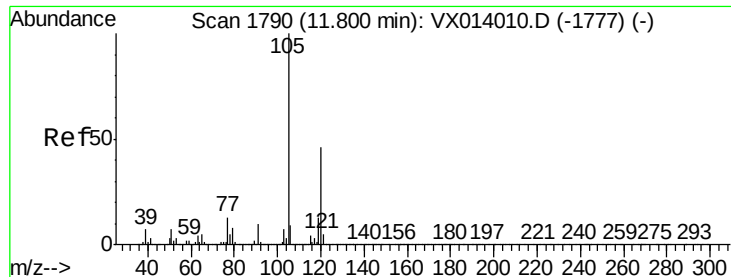
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#83
 tert-Butylbenzene
 Concen: 0.468 ug/l m
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Tgt Ion:119 Resp: 10487
 Ion Ratio Lower Upper
 119 100
 91 13248.0 28.5 85.6#
 134 0.0 12.2 36.6#





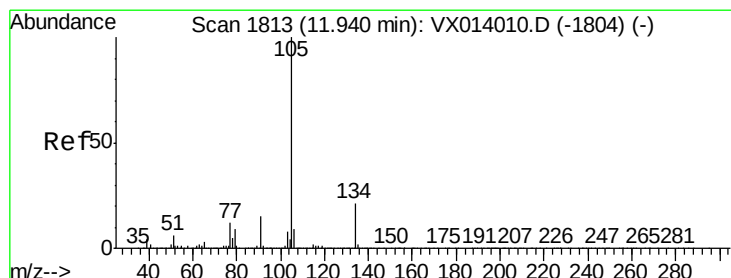
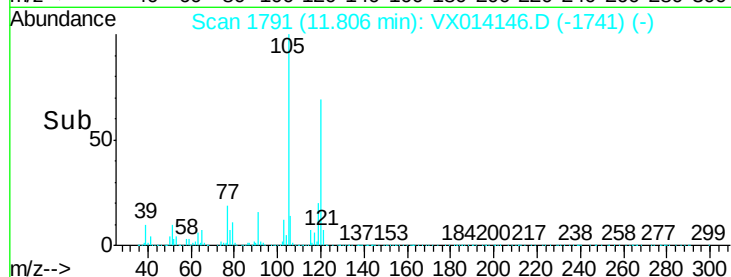
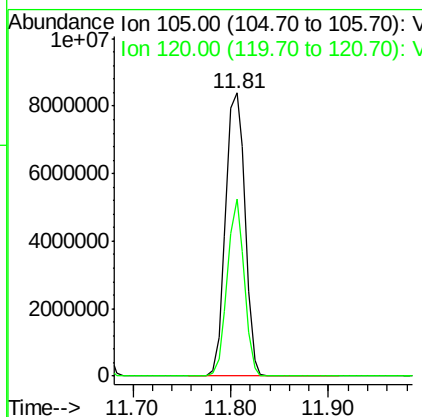
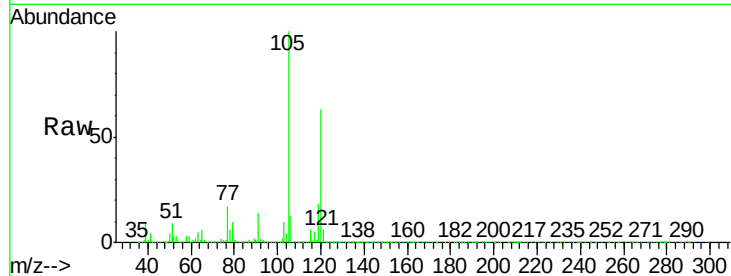
#84
 1,2,4-Trimethylbenzene
 Concen: 503.497 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tot Ion:105 Resp:11599007
 Ion Ratio Lower Upper
 105 100
 120 54.4 23.1 69.2

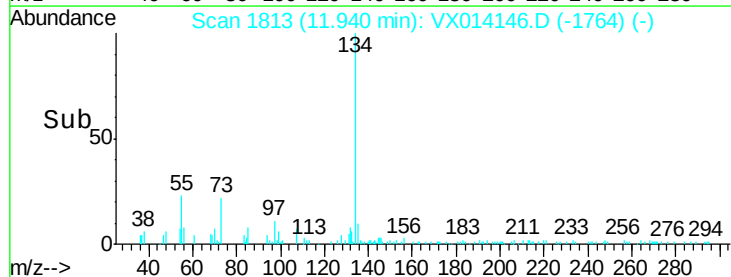
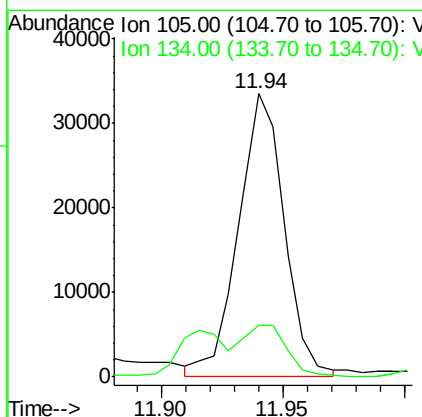
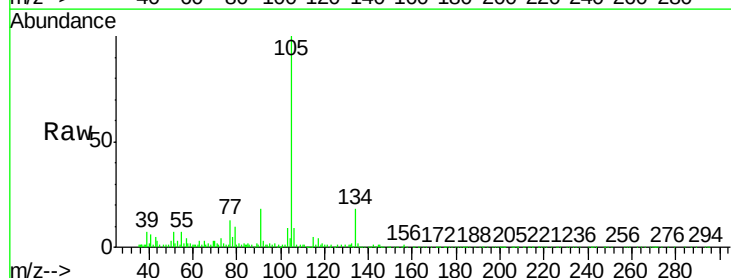
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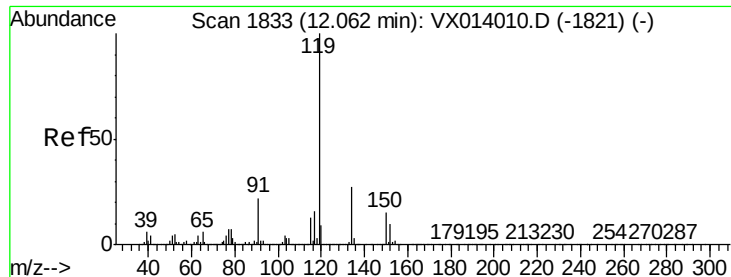
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#85
 sec-Butylbenzene
 Concen: 1.662 ug/l m
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Tgt Ion:105 Resp: 43925
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





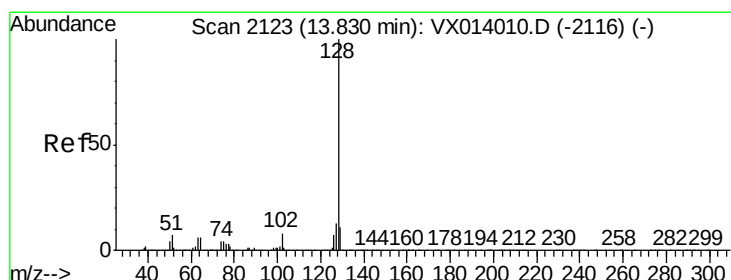
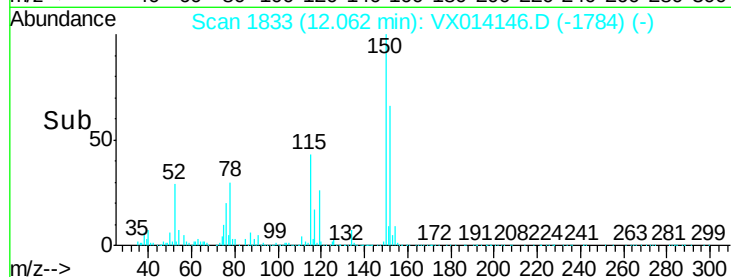
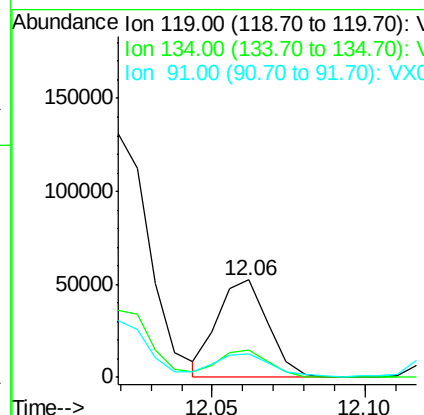
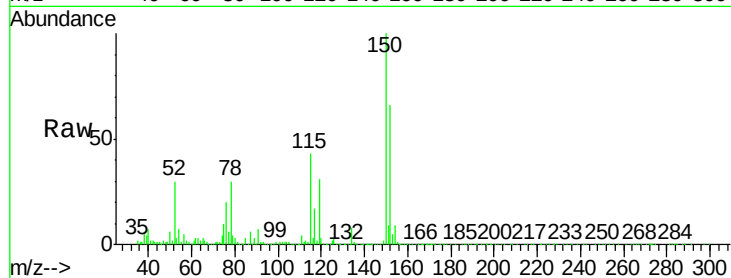
#86
p-Isopropyltoluene
Concen: 2.470 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampled :
MW-6

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.4	40.1
91	0.0	11.4	34.1#

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#95
Naphthalene
Concen: 108.901 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.7	13.1

