

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014153.D
 Acq On : 20 Dec 2019 05:15
 Operator : JC/SP
 Sample : K6372-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
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Quant Time: Dec 20 05:56:59 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	571482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	787957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	377152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	305095	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	5.49	113	257752	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	1044498	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.14	95	376479	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	12802	3.045	ug/l	97
31) Cyclohexane	5.58	56	113885	11.767	ug/l #	90
39) Methylcyclohexane	7.45	83	138798	14.230	ug/l #	78
40) Benzene	6.14	78	1318174	54.233	ug/l	99
52) Toluene	8.78	92	333636	21.717	ug/l	99
64) Tetrachloroethene	9.33	164	7993	1.146	ug/l	97
67) Ethyl Benzene	10.25	91	8567355	297.438	ug/l	93
68) m/p-Xylenes	10.35	106	2514009	226.930	ug/l	98
69) o-Xylene	10.70	106	445341	40.988	ug/l	98
73) Isopropylbenzene	11.01	105	565379	21.291	ug/l	100
78) n-propylbenzene	11.35	91	1477056	49.590	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	394339	17.645	ug/l	100
83) tert-Butylbenzene	11.76	119	12571m	0.578	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	7776724	347.477	ug/l	95
85) sec-Butylbenzene	11.94	105	179695m	6.999	ug/l	
86) p-Isopropyltoluene	12.06	119	110069	4.687	ug/l	99
89) n-Butylbenzene	12.39	91	160415m	8.005	ug/l	
95) Naphthalene	13.83	128	2714157	110.265	ug/l	99

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

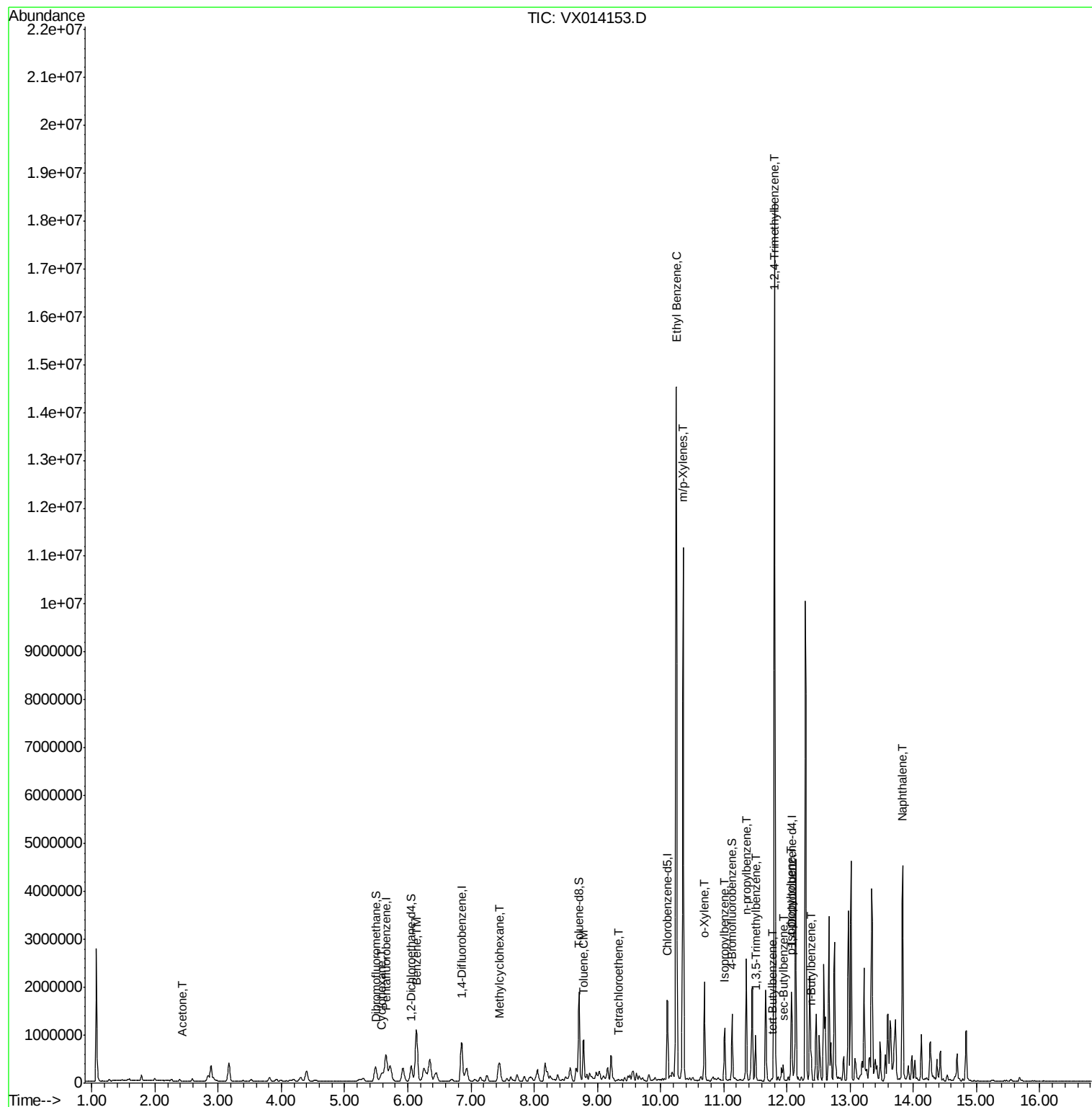
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
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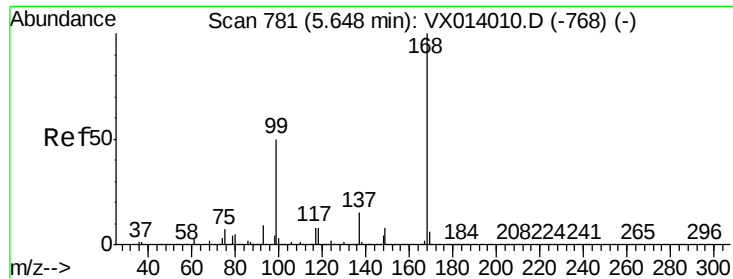
Instrument :
MSVOA_X
ClientSampleId :
MW-3

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Quant Time: Dec 20 05:56:59 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

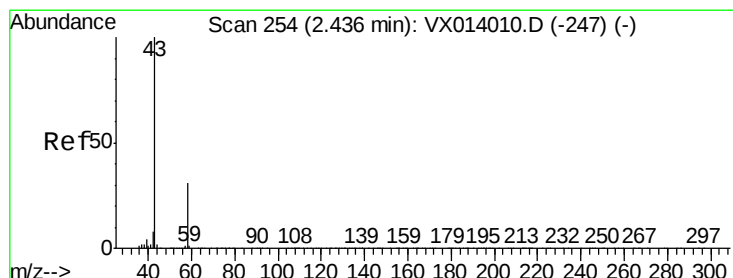
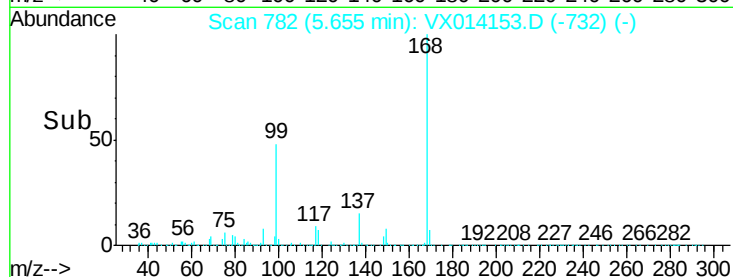
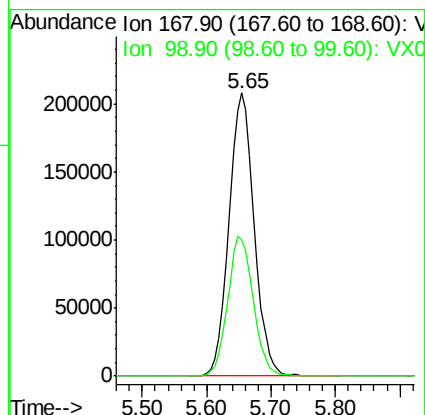
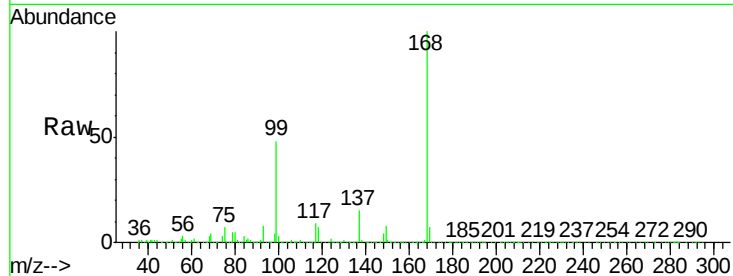
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014153.D
 Acq: 20 Dec 2019 05:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.2	40.3	60.5

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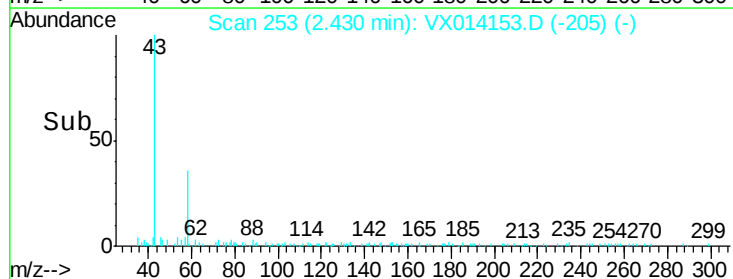
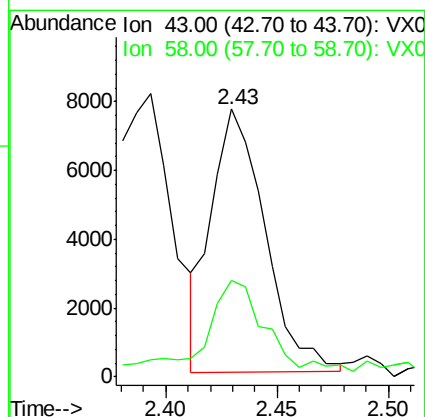
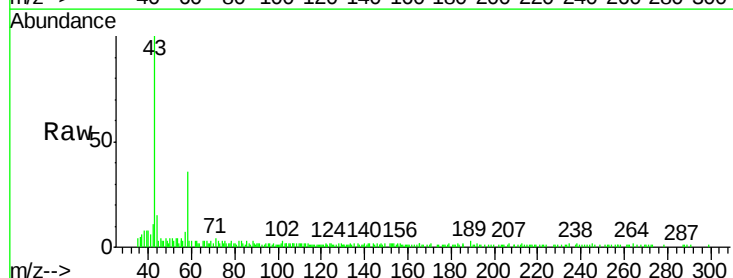
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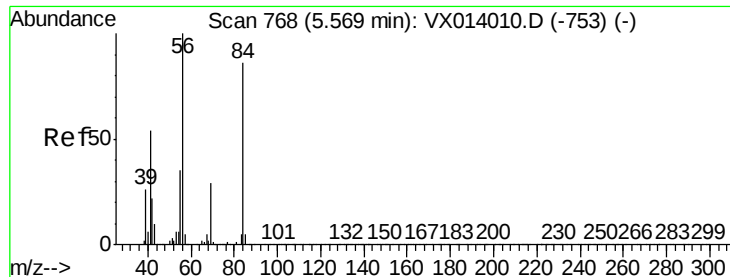


#16

Acetone
 Concen: 3.045 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014153.D
 Acq: 20 Dec 2019 05:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.9	37.3





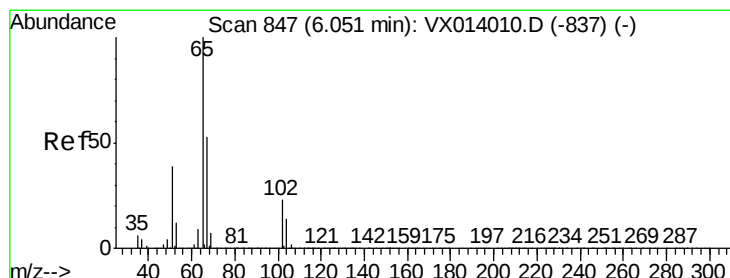
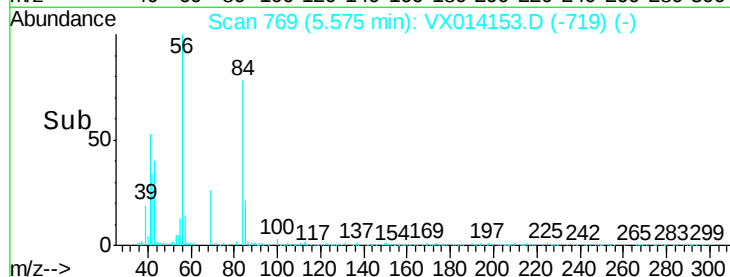
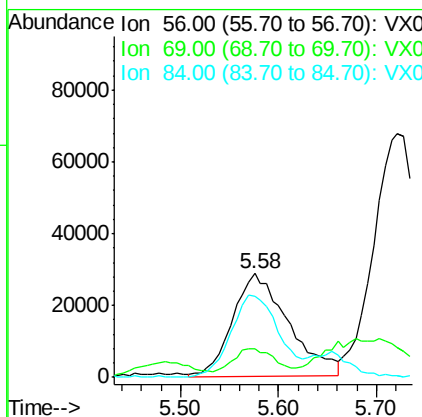
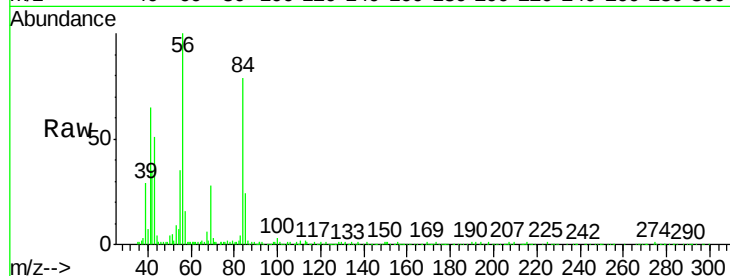
#31
Cyclohexane
Concen: 11.767 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
56	100		
69	17.3	23.2	34.8#
84	80.6	69.2	103.8

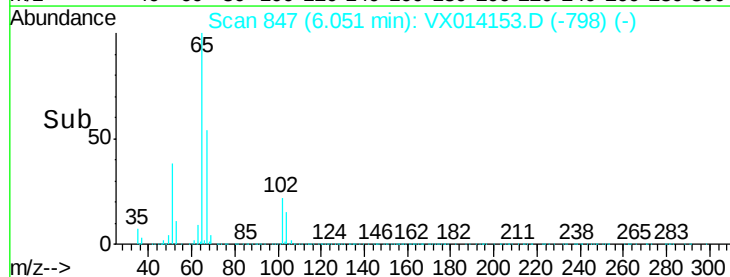
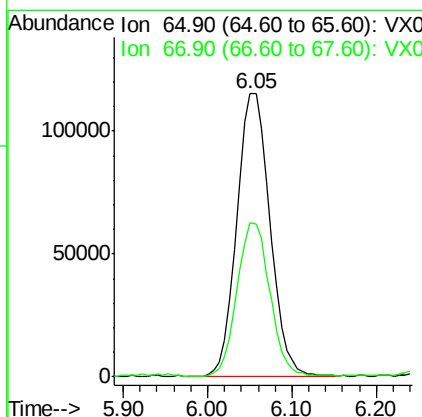
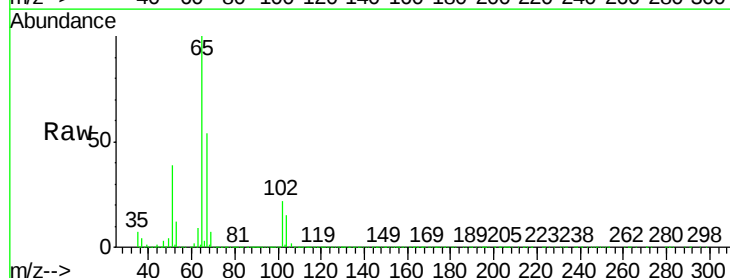
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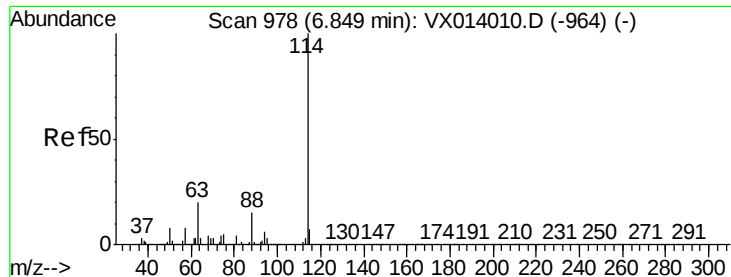
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#33
1,2-Dichloroethane-d4
Concen: 47.105 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VX014153.D

Acq: 20 Dec 2019 05:15

Instrument :

MSVOA_X

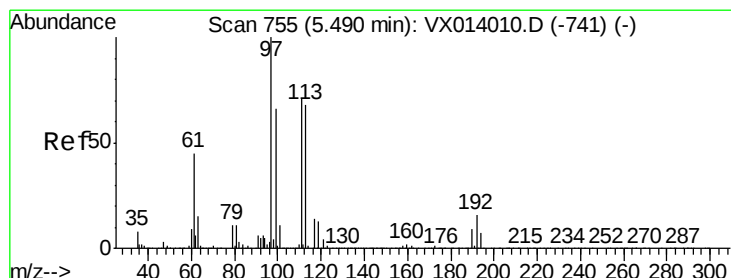
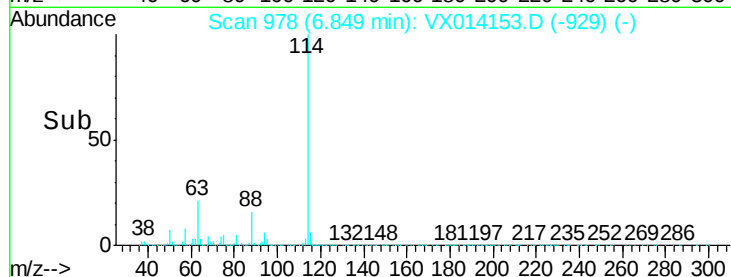
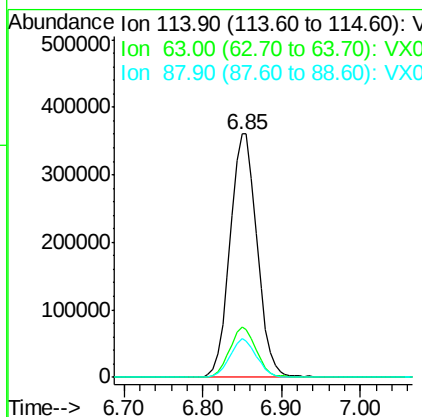
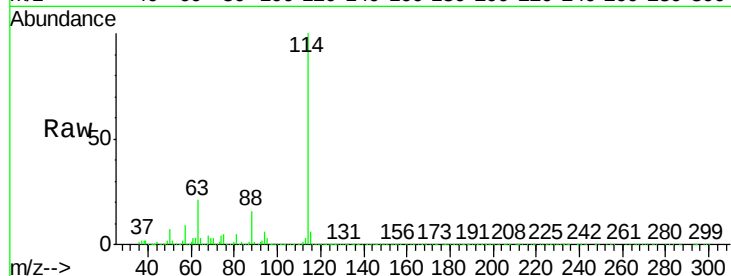
ClientSampleId :

MW-3

Tot Ion:	114	Resp:	860917
Ion Ratio		Lower	Upper
114	100		
63	20.6	0.0	40.8
88	15.8	0.0	30.4

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#35

Dibromofluoromethane

Concen: 49.251 ug/l

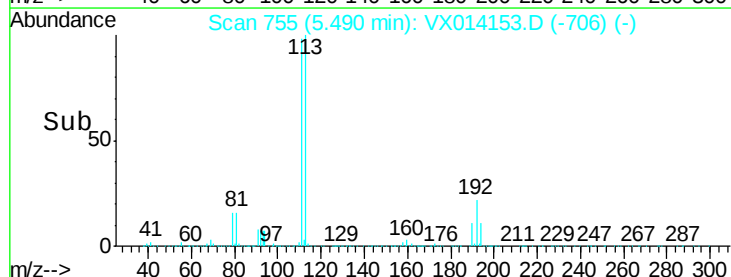
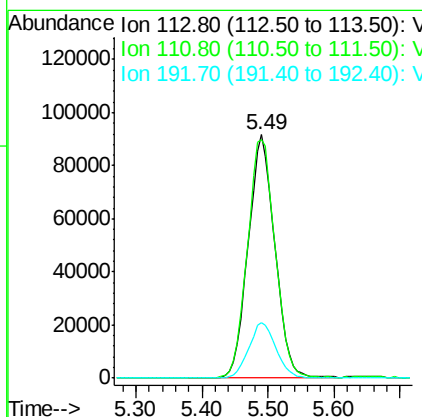
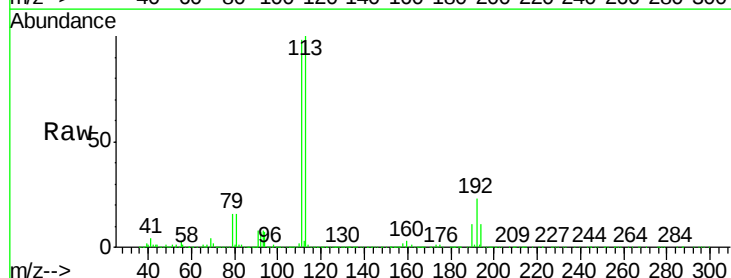
RT: 5.49 min Scan# 755

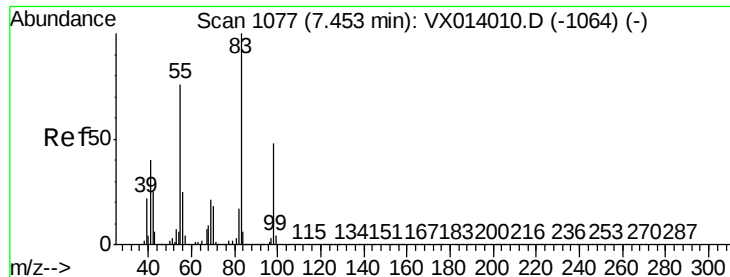
Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Tgt Ion:	113	Resp:	257752
Ion Ratio		Lower	Upper
113	100		
111	101.4	82.0	123.0
192	23.4	19.3	28.9





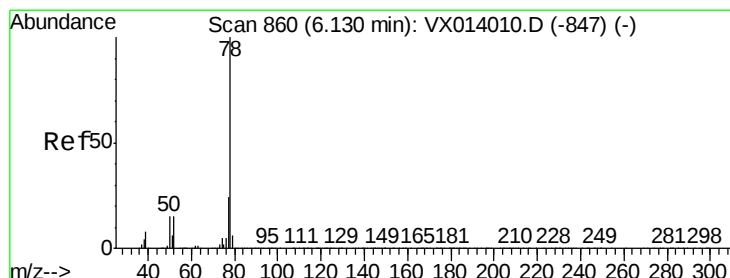
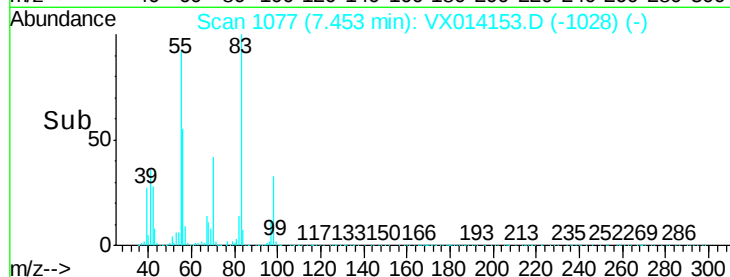
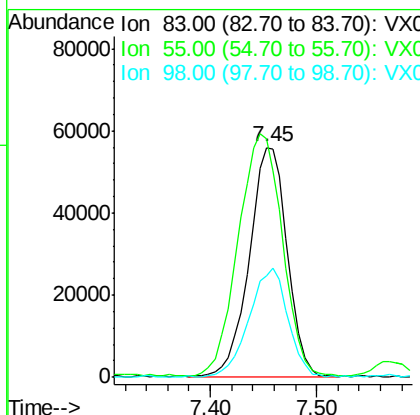
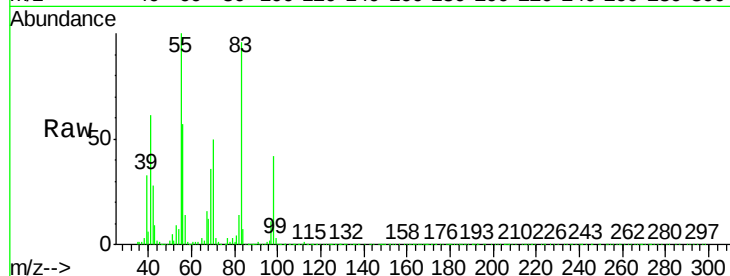
#39
Methvlcvclohexane
Concen: 14.230 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
83	100		
55	103.4	61.0	91.6#
98	43.7	38.6	57.8

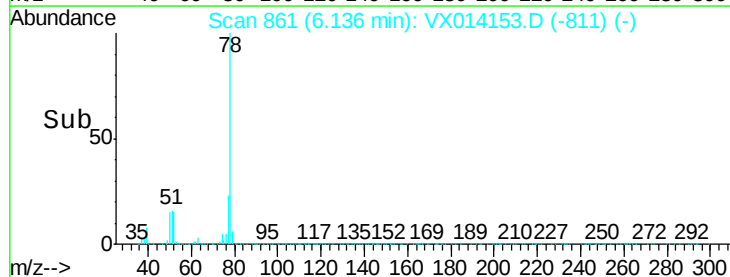
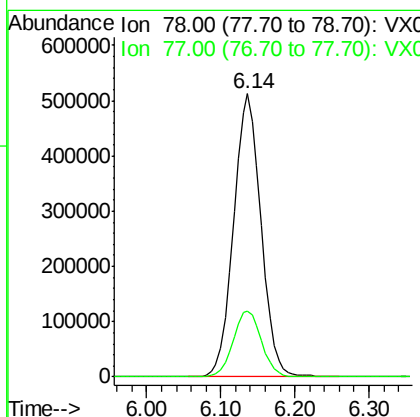
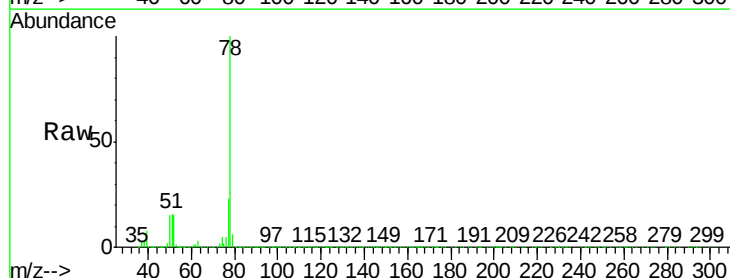
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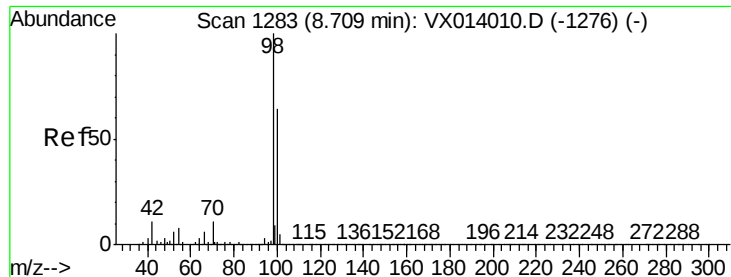
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#40
Benzene
Concen: 54.233 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





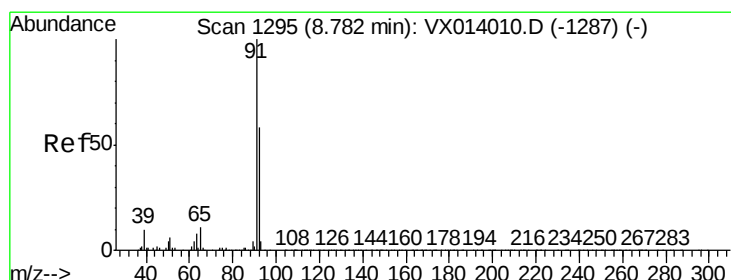
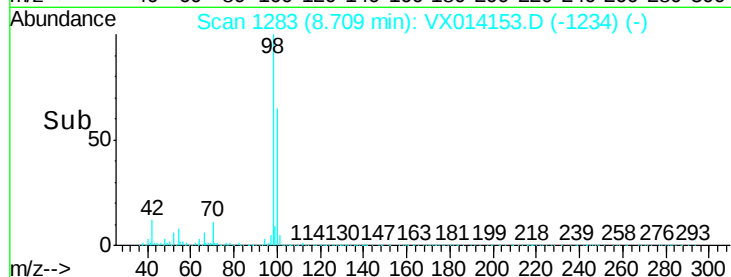
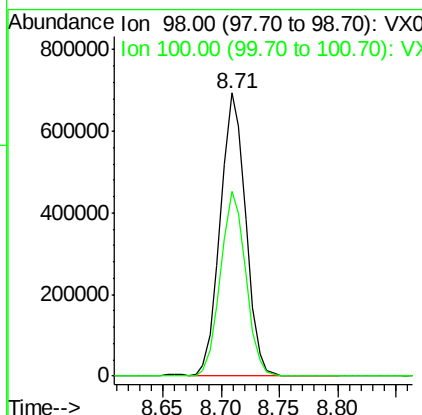
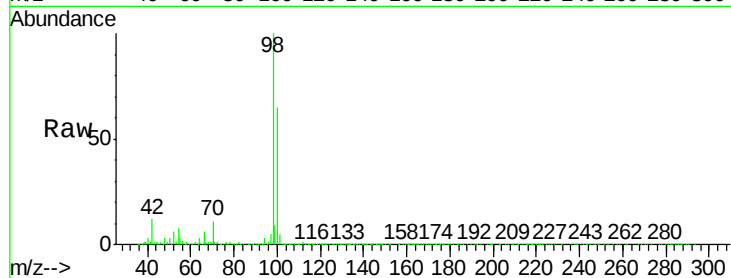
#50
Toluene-d8
Concen: 51.264 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion: 98 Resp: 1044498
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

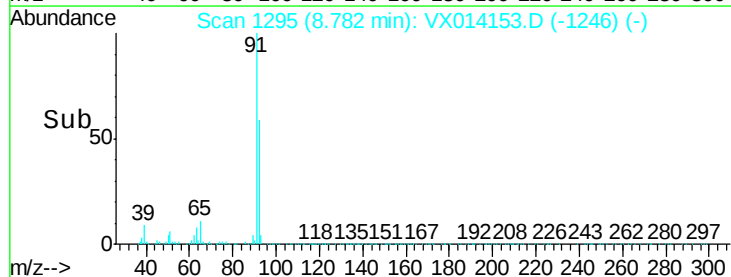
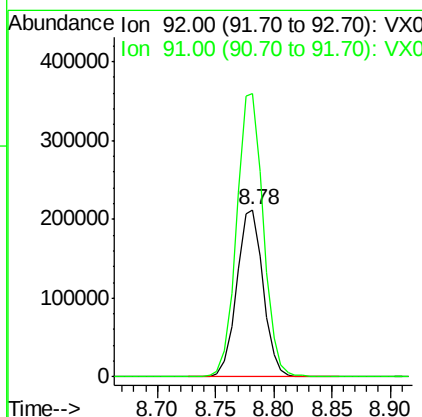
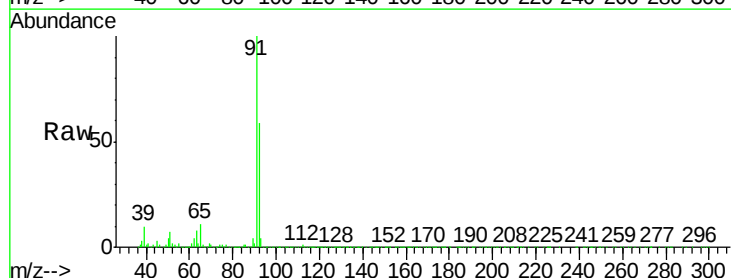
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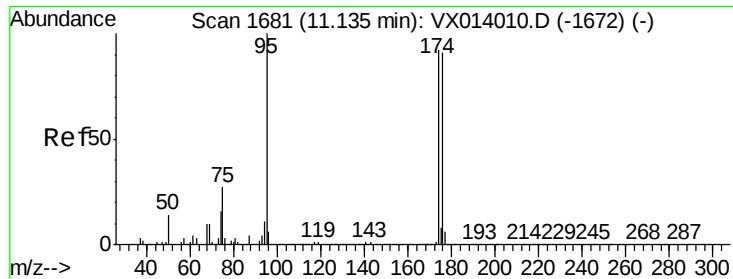
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#52
Toluene
Concen: 21.717 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Tgt Ion: 92 Resp: 333636
Ion Ratio Lower Upper
92 100
91 171.0 136.2 204.4





#62

4-Bromofluorobenzene

Concen: 50.548 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Instrument :

MSVOA_X

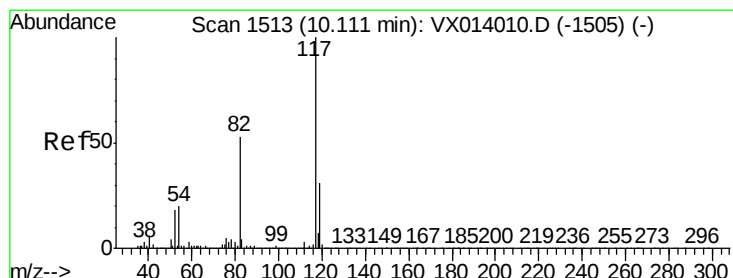
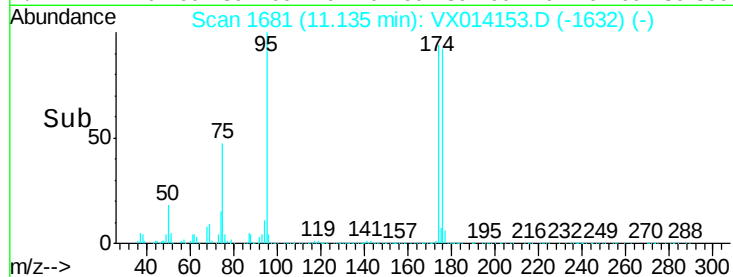
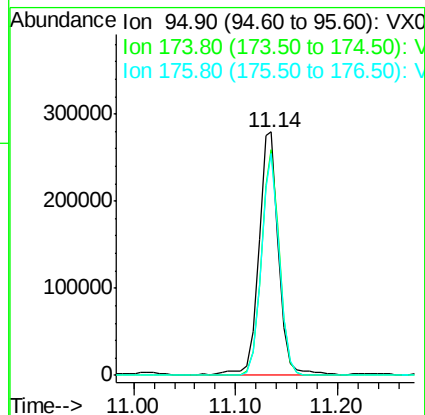
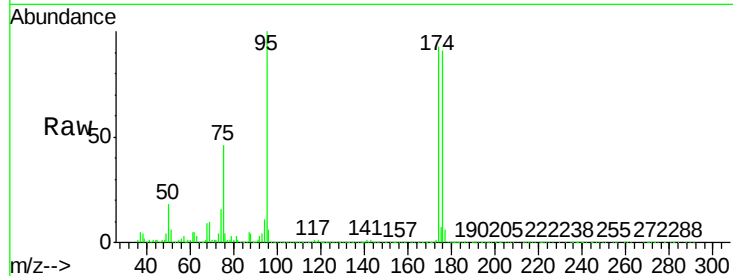
ClientSampled :

MW-3

Tot Ion:	95	Resp:	376479
Ion Ratio	Lower	Upper	
95	100		
174	85.1	0.0	175.8
176	83.7	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

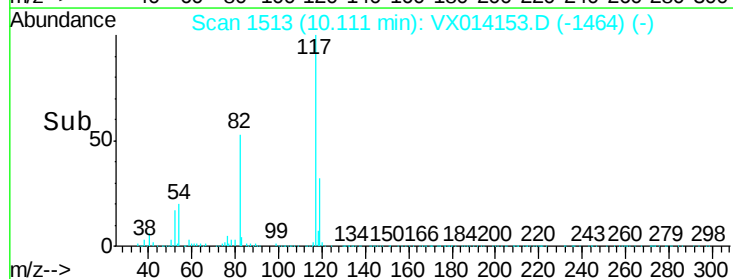
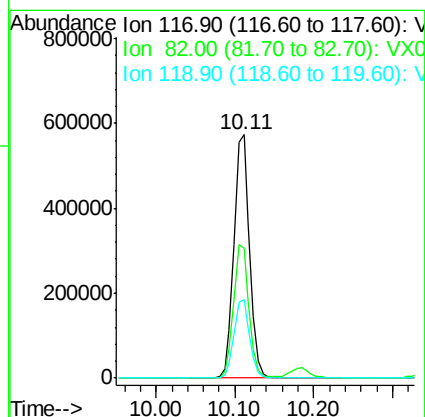
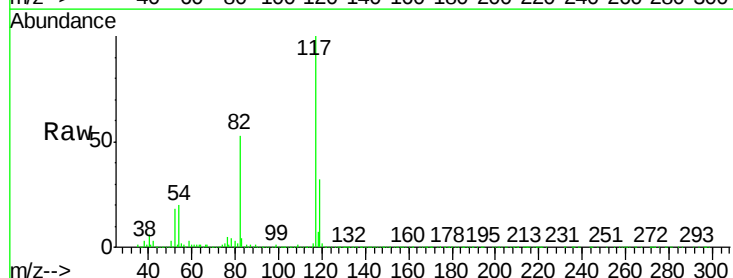
RT: 10.11 min Scan# 1513

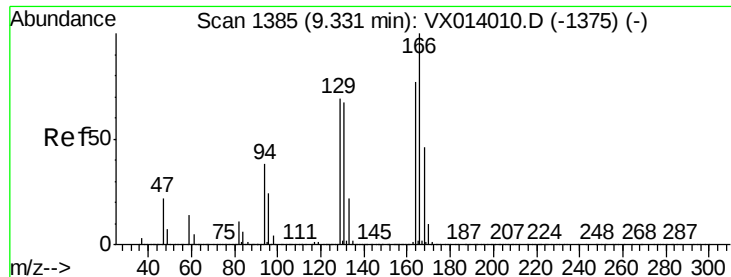
Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Tgt Ion:	117	Resp:	787957
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.2	63.4
119	32.3	25.1	37.7





#64

Tetrachloroethene

Concen: 1.146 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Instrument :

MSVOA_X

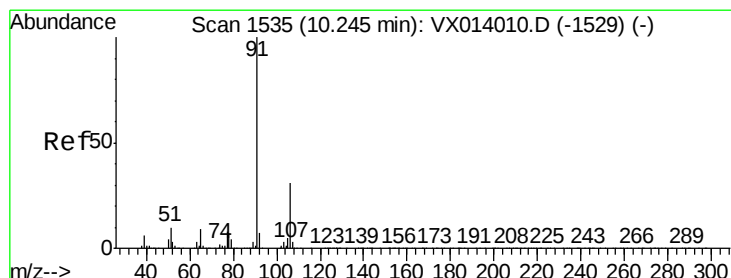
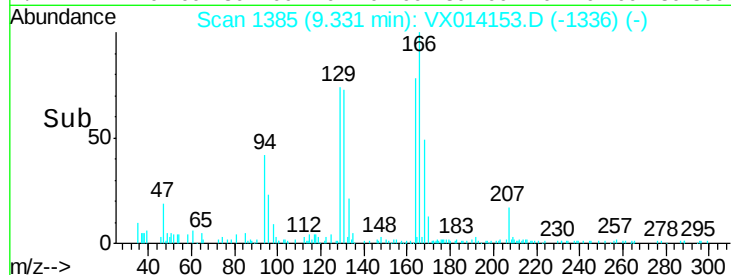
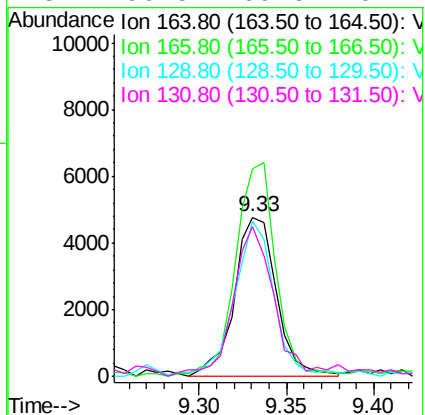
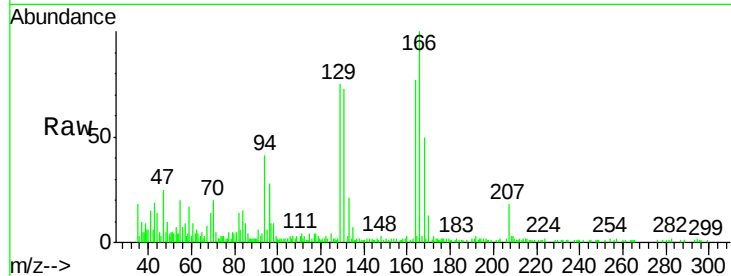
ClientSampleId :

MW-3

Tot Ion:	164	Resp:	7993
Ion	Ratio	Lower	Upper
164	100		
166	128.4	104.0	156.0
129	96.1	72.2	108.4
131	90.5	69.6	104.4

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#67

Ethyl Benzene

Concen: 297.438 ug/l

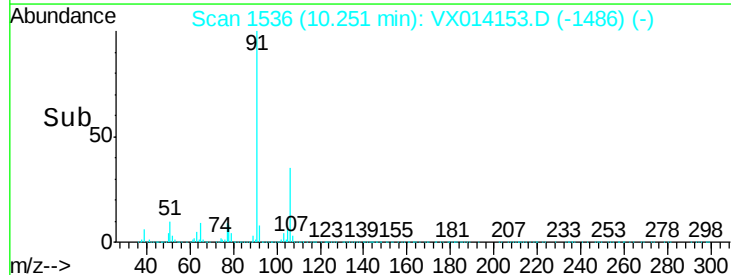
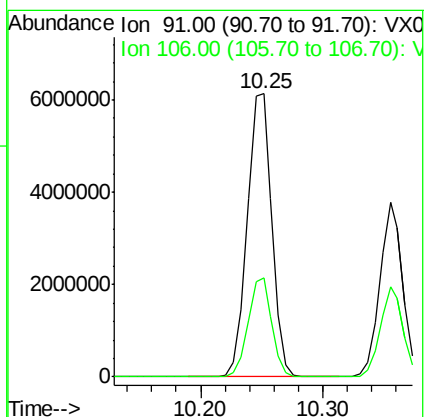
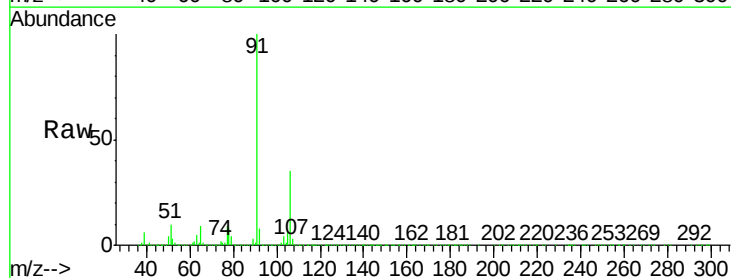
RT: 10.25 min Scan# 1536

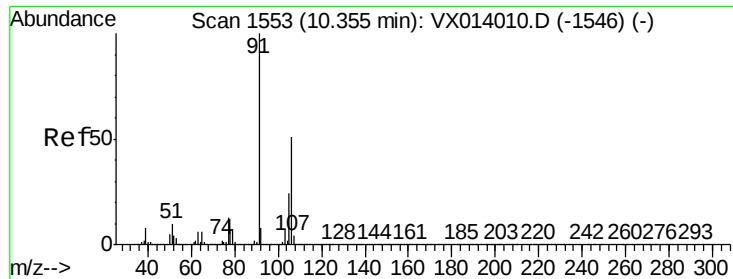
Delta R.T. 0.01 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Tgt Ion:	91	Resp:	8567355
Ion	Ratio	Lower	Upper
91	100		
106	35.1	25.0	37.6





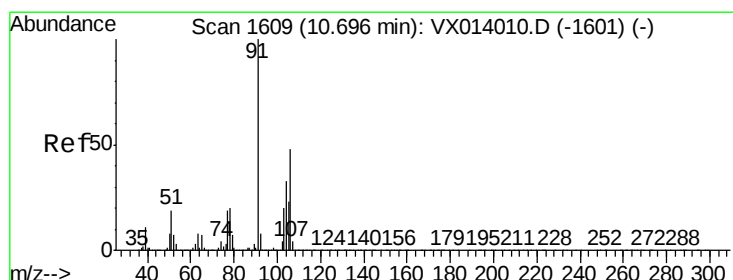
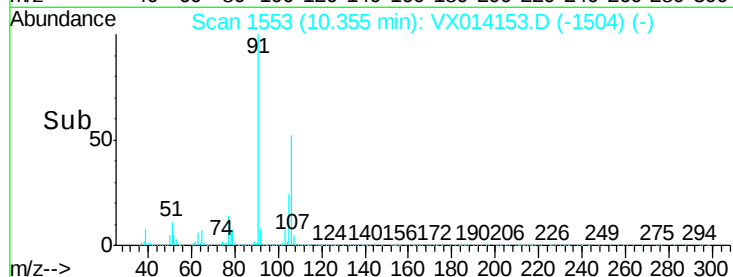
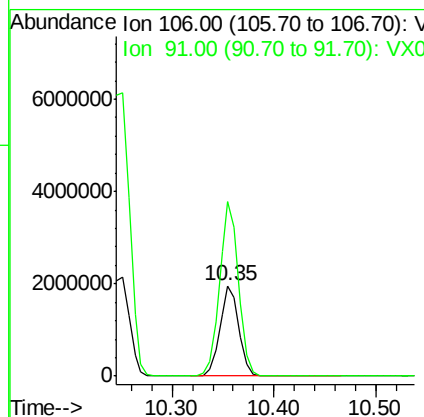
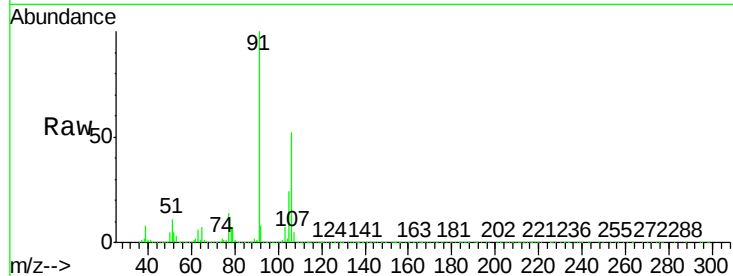
#68
m/p-Xvlenes
Concen: 226.930 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:106 Resp: 2514009
Ion Ratio Lower Upper
106 100
91 195.1 158.6 238.0

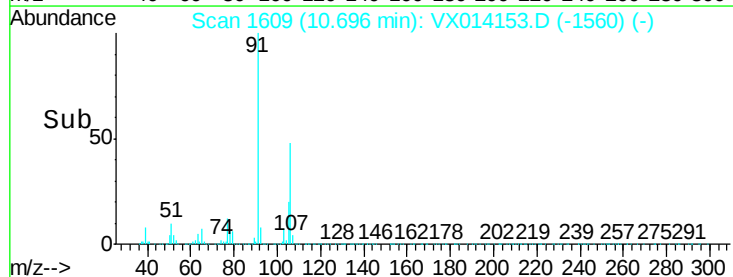
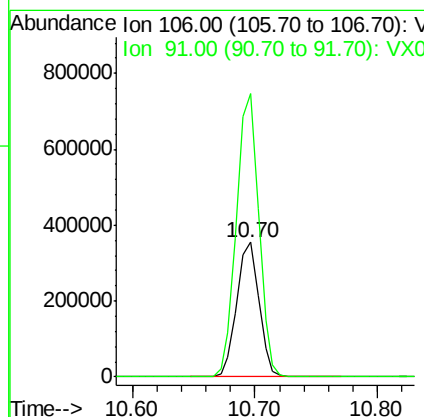
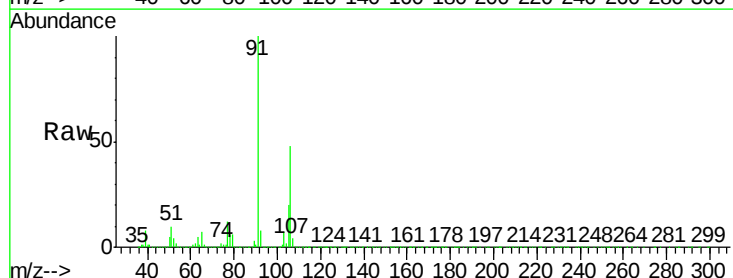
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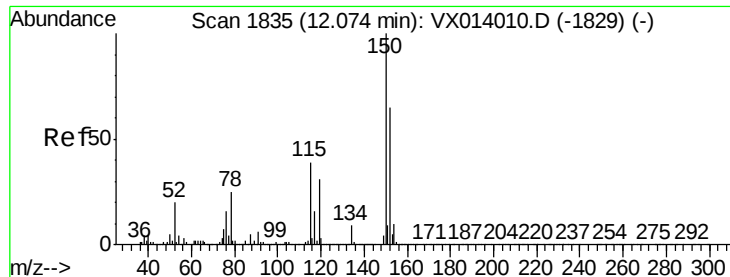
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#69
o-Xylene
Concen: 40.988 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Tgt Ion:106 Resp: 445341
Ion Ratio Lower Upper
106 100
91 210.8 104.2 312.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Instrument :

MSVOA_X

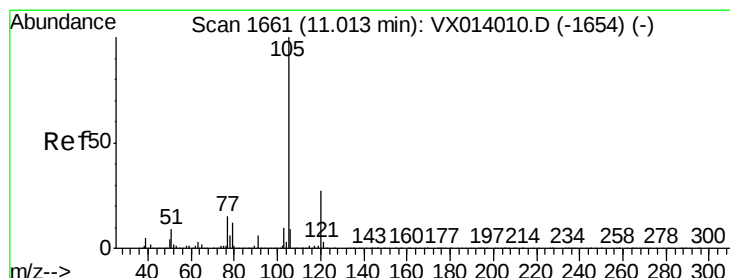
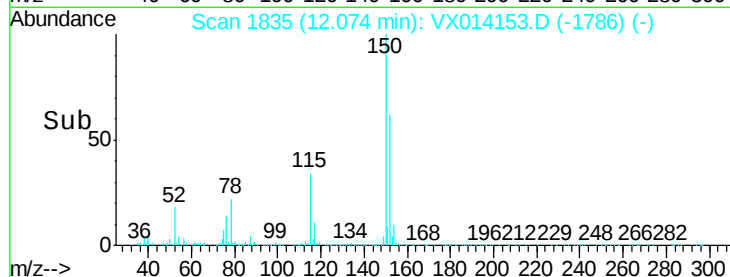
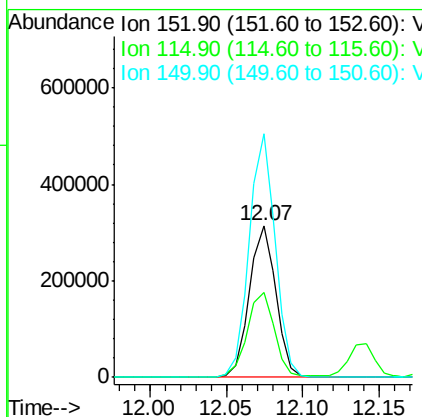
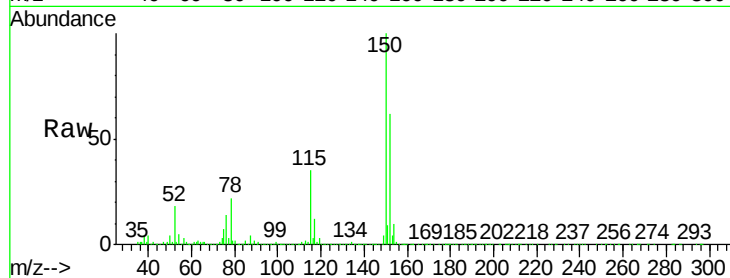
ClientSampleId :

MW-3

Tot Ion:	152	Resp:	377152
Ion Ratio	Lower	Upper	
152	100		
115	57.6	38.3	114.9
150	157.9	0.0	345.4

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#73

Isopropylbenzene

Concen: 21.291 ug/l

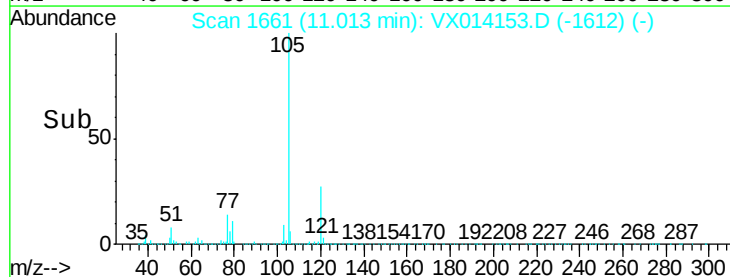
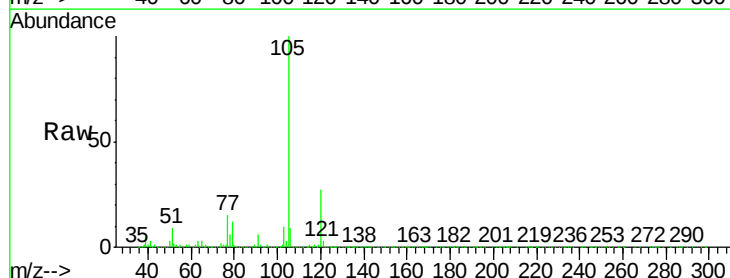
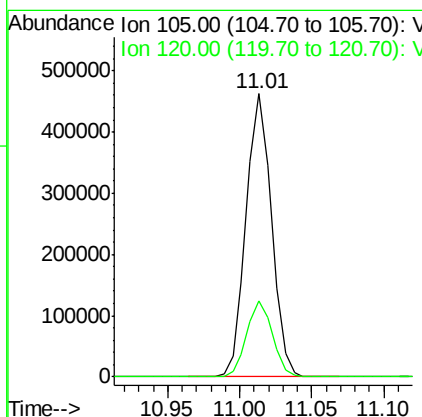
RT: 11.01 min Scan# 1661

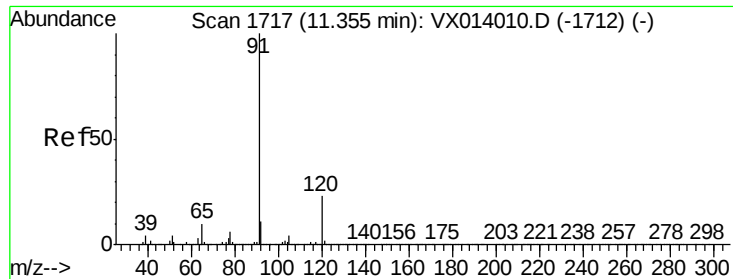
Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Tgt Ion:	105	Resp:	565379
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.5	40.4





#78

n-propylbenzene

Concen: 49.590 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Instrument :

MSVOA_X

ClientSampled :

MW-3

Tot Ion: 91 Resp: 1477056

Ion Ratio Lower Upper

91 100

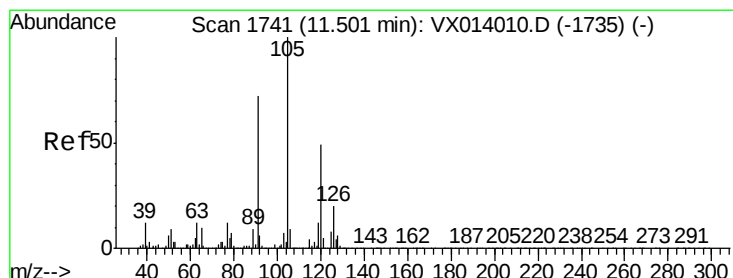
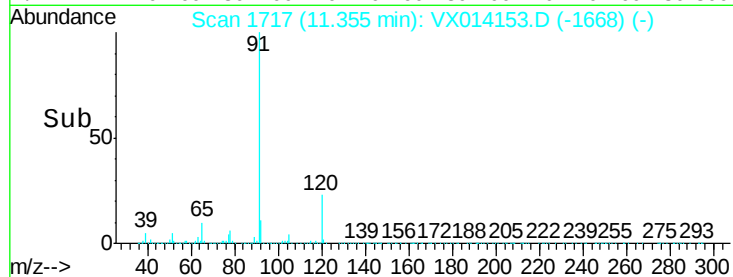
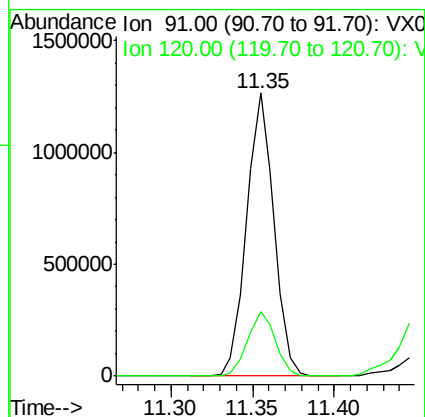
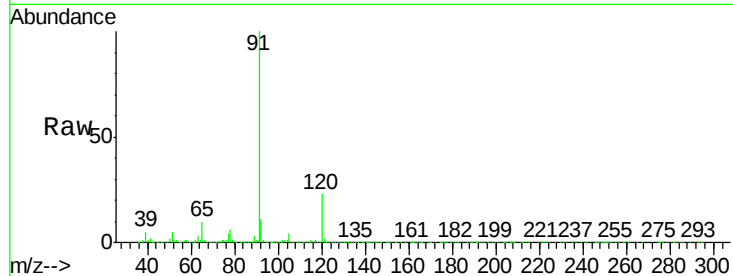
120 23.2 11.7 35.0

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#80

1,3,5-Trimethylbenzene

Concen: 17.645 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014153.D

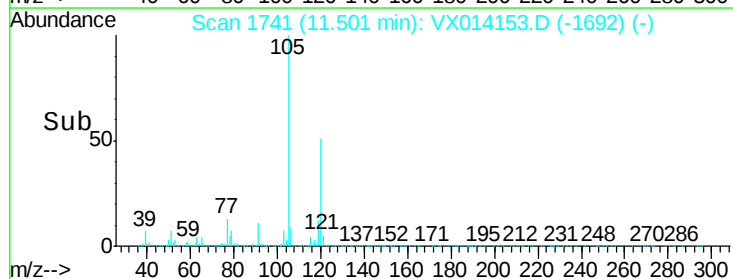
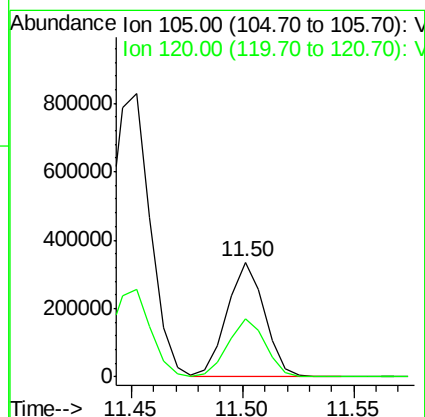
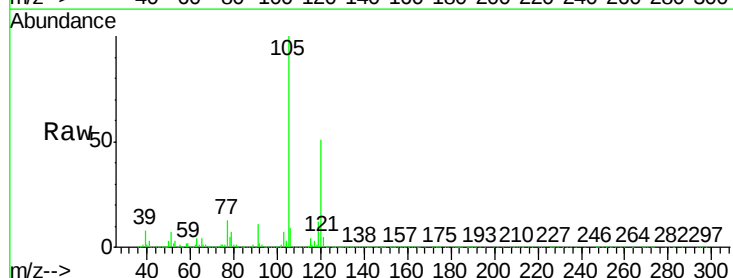
Acq: 20 Dec 2019 05:15

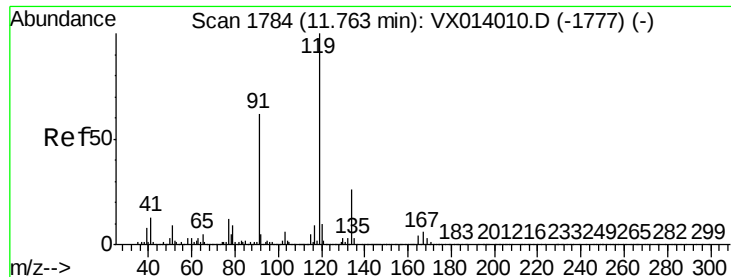
Tgt Ion: 105 Resp: 394339

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8





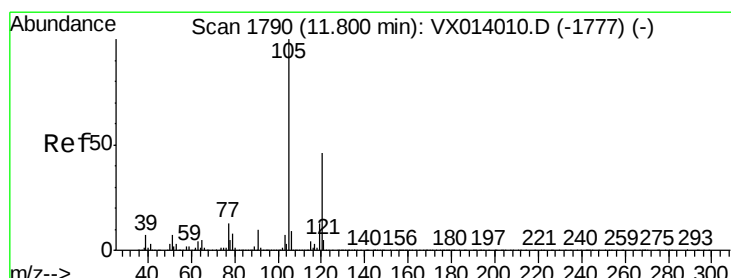
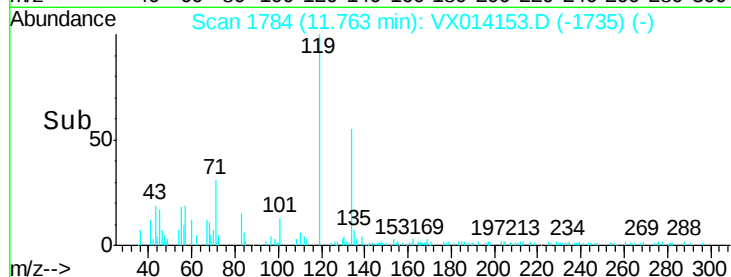
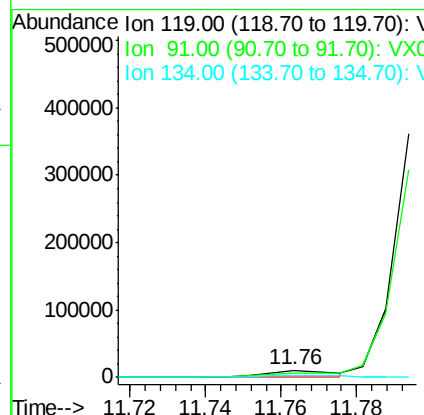
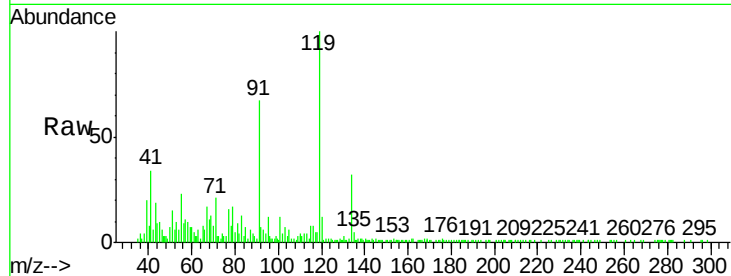
#83
tert-Butylbenzene
Concen: 0.578 ug/l m
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:119 Resp: 12571
Ion Ratio Lower Upper
119 100
91 6640.2 28.5 85.6
134 0.0 12.2 36.6#

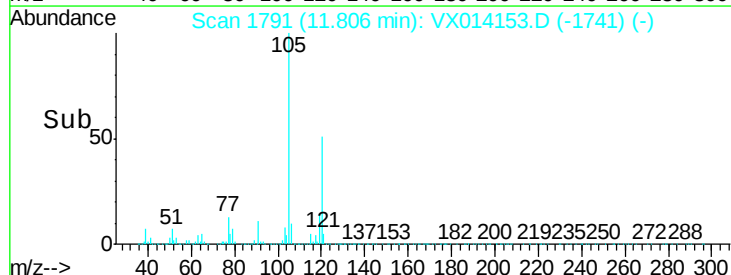
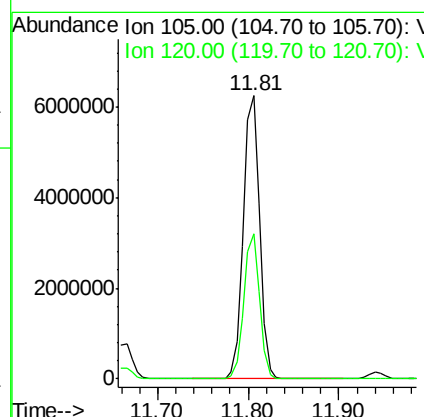
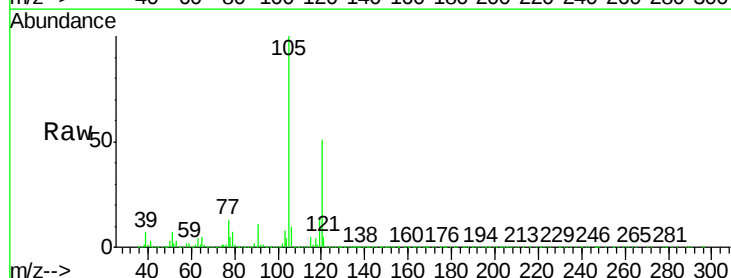
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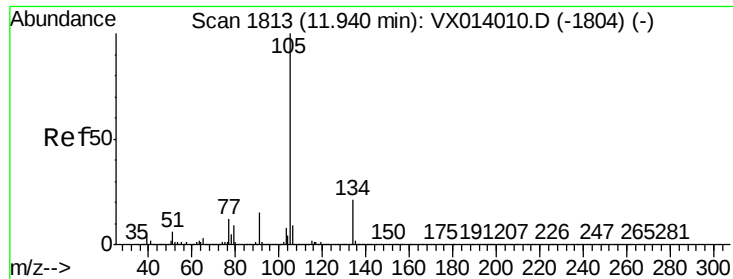
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#84
1,2,4-Trimethylbenzene
Concen: 347.477 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Tgt Ion:105 Resp: 7776724
Ion Ratio Lower Upper
105 100
120 49.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 6.999 ug/l m

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion:105 Resp: 179695

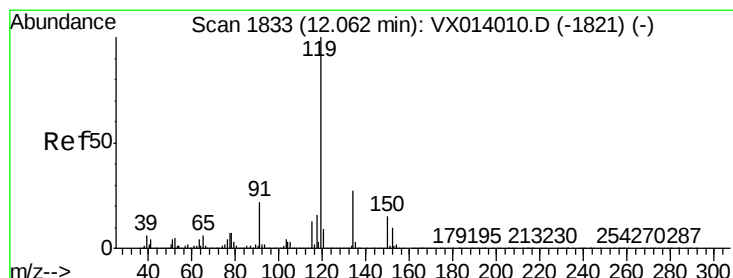
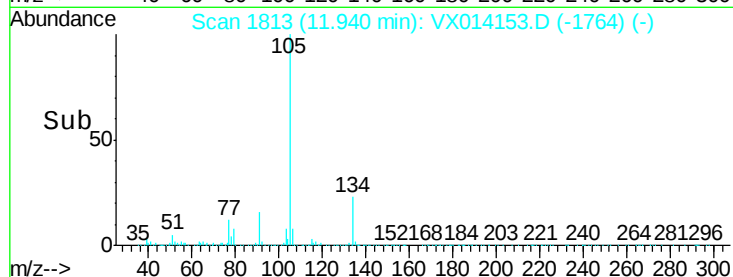
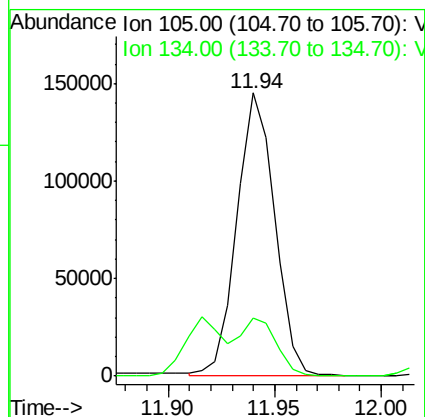
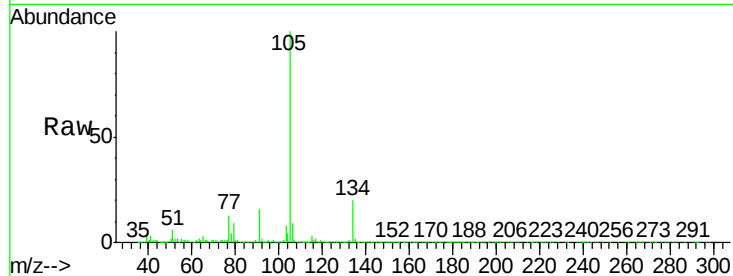
Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

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#86

p-Isopropyltoluene

Concen: 4.687 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014153.D

Acq: 20 Dec 2019 05:15

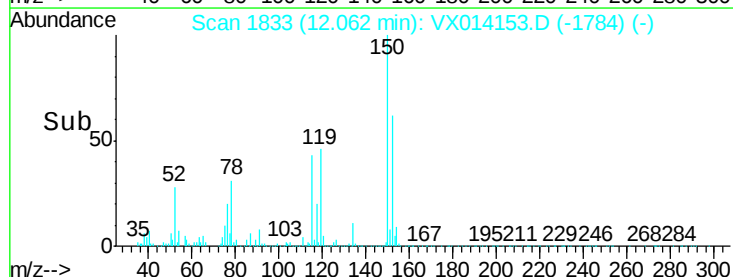
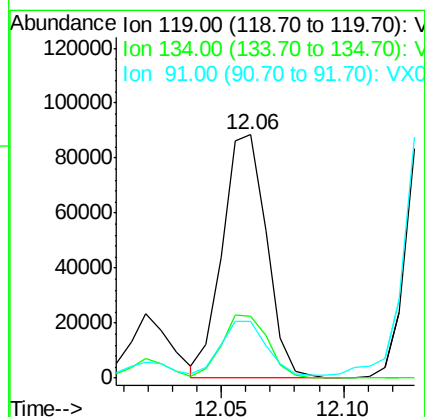
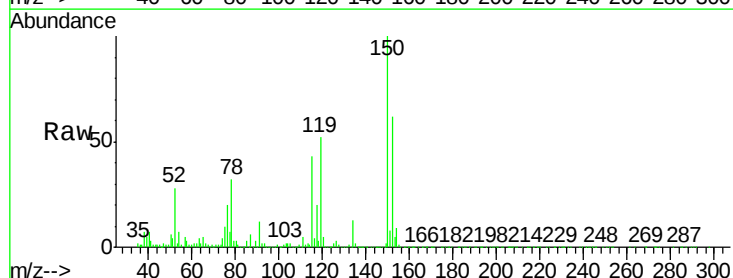
Tgt Ion:119 Resp: 110069

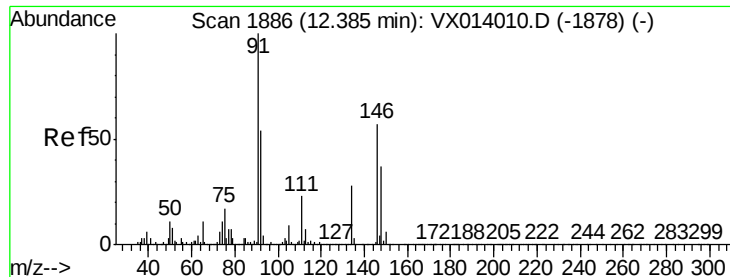
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.0 11.4 34.1





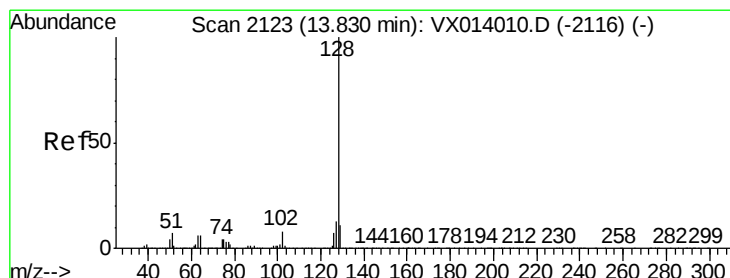
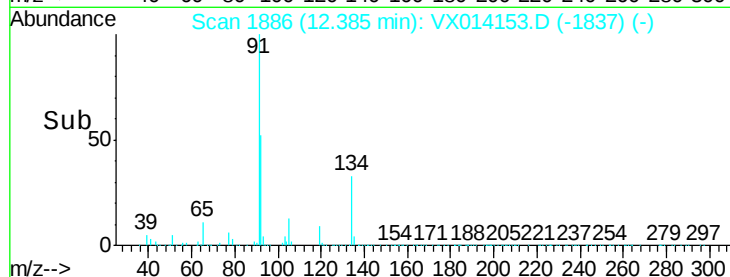
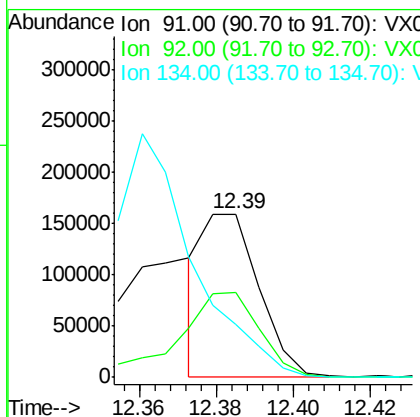
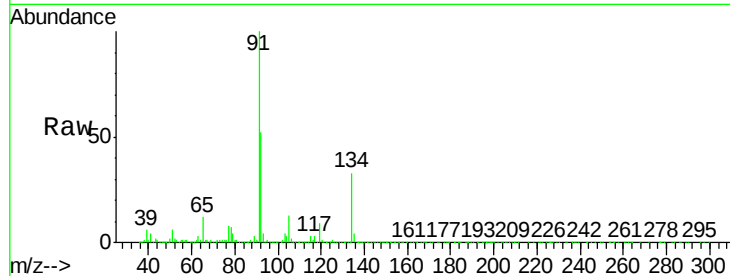
#89
n-Butylbenzene
Concen: 8.005 ug/l m
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
91	100		
92	77.0	27.2	81.6
134	0.0	13.4	40.1#

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#95
Naphthalene
Concen: 110.265 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014153.D
Acq: 20 Dec 2019 05:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.4	8.7	13.1

