

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013726.D
 Acq On : 03 Dec 2019 15:48
 Operator : JC/SP
 Sample : K6027-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Manual Integrations
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Quant Time: Dec 04 06:23:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	687623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1062251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	967941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	478768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	372099	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
35) Dibromofluoromethane	5.49	113	316470	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1262220	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.14	95	465559	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.61	56	67759	5.747	ug/l #	47
39) Methylcyclohexane	7.46	83	149915	12.578	ug/l	93
52) Toluene	8.78	92	12045	0.660	ug/l	96
67) Ethyl Benzene	10.25	91	739859	21.424	ug/l	100
68) m/p-Xylenes	10.35	106	40481	3.062	ug/l	100
69) o-Xylene	10.70	106	105672	8.195	ug/l	98
73) Isopropylbenzene	11.01	105	2956241	88.026	ug/l	100
78) n-propylbenzene	11.35	91	3073477	81.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	966330	35.107	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	13299762	476.095	ug/l	76
85) sec-Butylbenzene	11.94	105	134726m	4.217	ug/l	
86) p-Isopropyltoluene	12.06	119	470062m	15.814	ug/l	
95) Naphthalene	13.82	128	23851486m	735.438	ug/l	

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

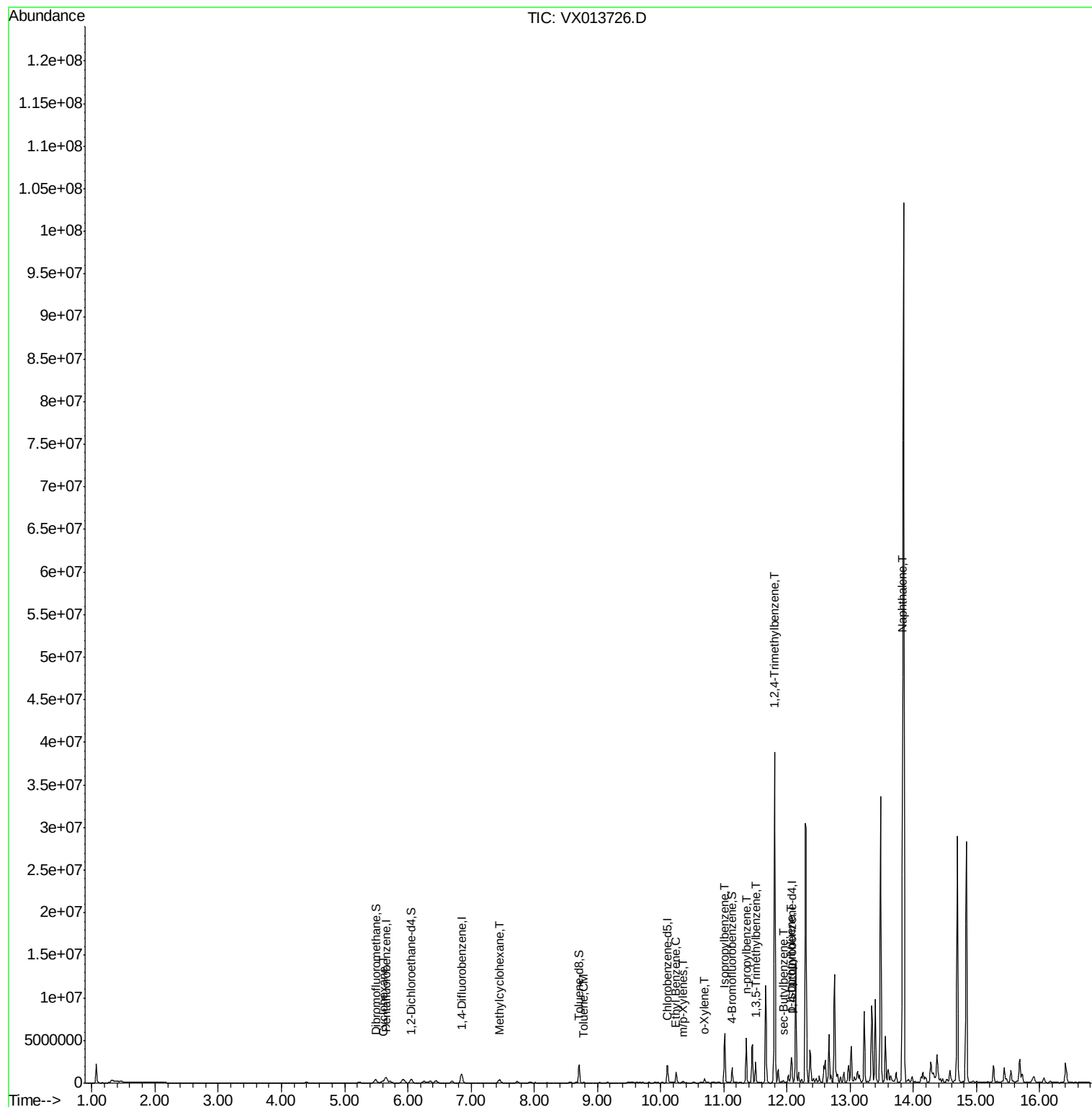
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

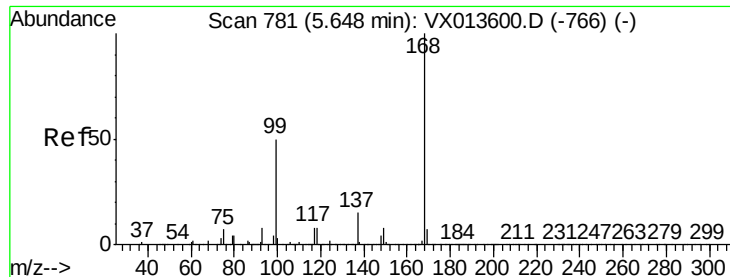
Instrument :
MSVOA_X
ClientSampleId :
MW-14

Quant Time: Dec 04 06:23:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

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#1

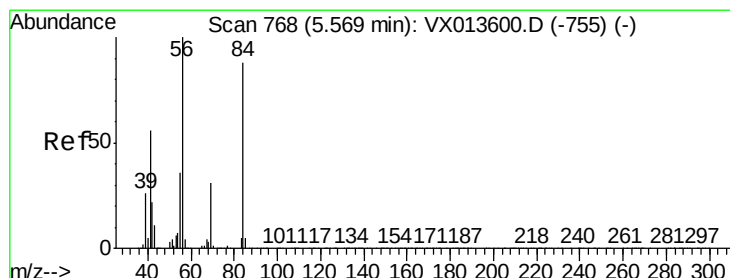
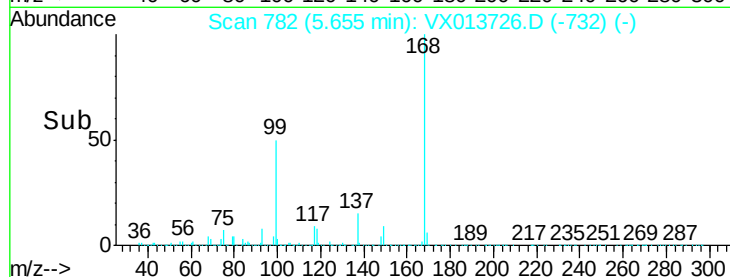
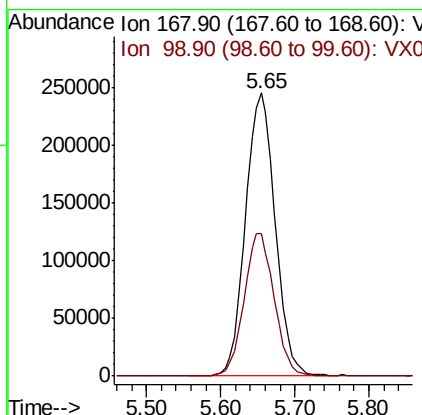
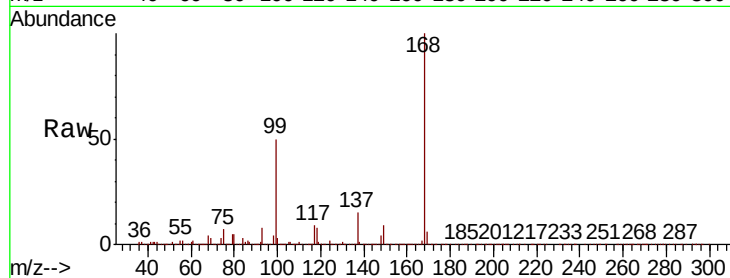
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.8	59.8

Manual Integrations
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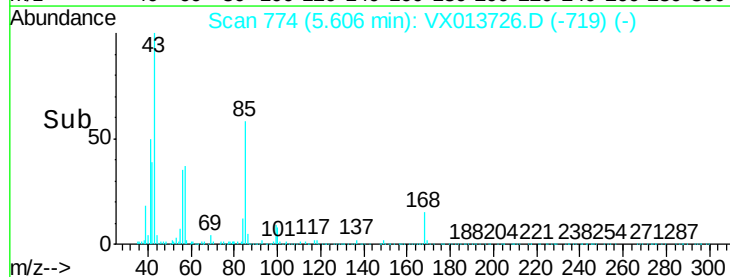
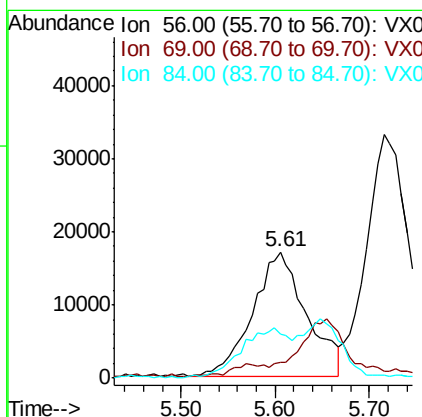
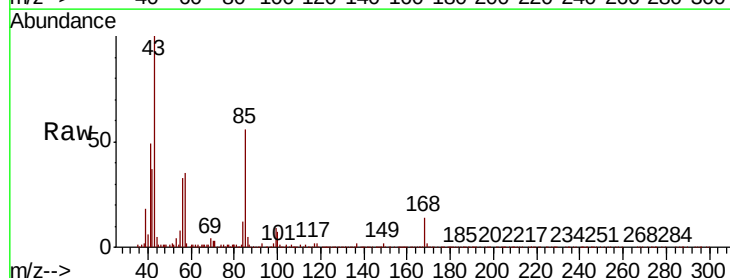
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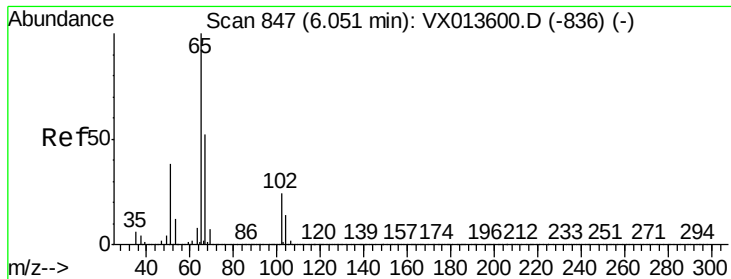


#31

Cyclohexane
 Concen: 5.747 ug/l
 RT: 5.61 min Scan# 774
 Delta R.T. 0.04 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
56	100		
69	10.7	24.6	36.8#
84	33.5	70.0	105.0#





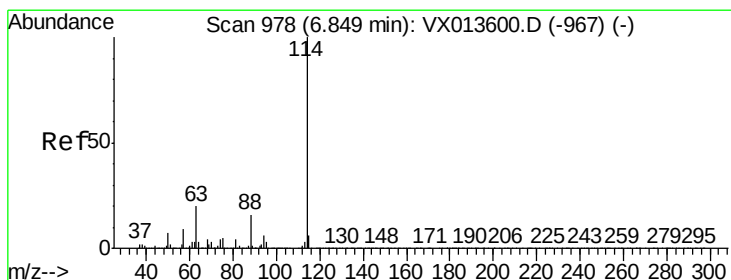
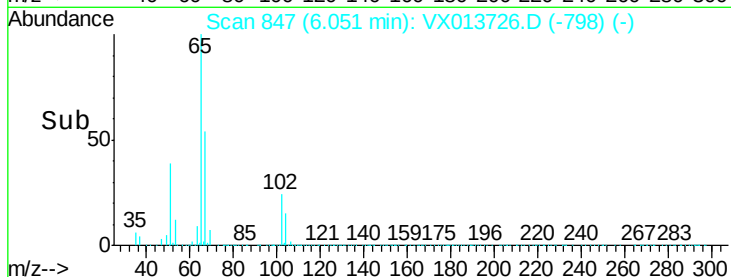
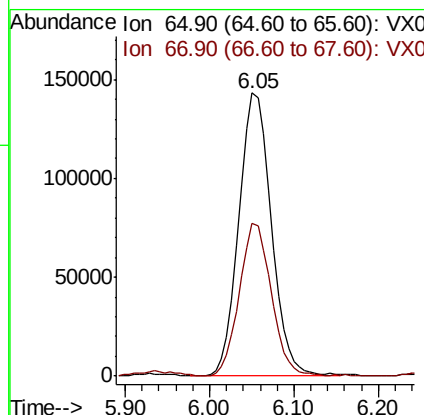
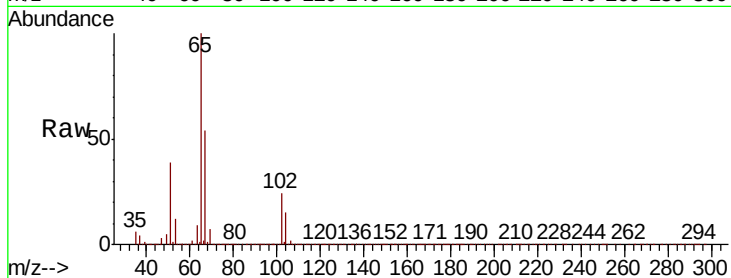
#33
 1,2-Dichloroethane-d4
 Concen: 46.619 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.4

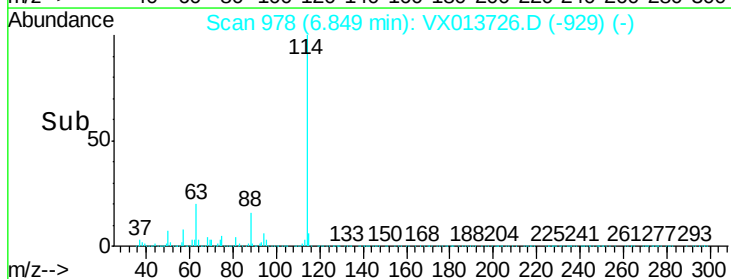
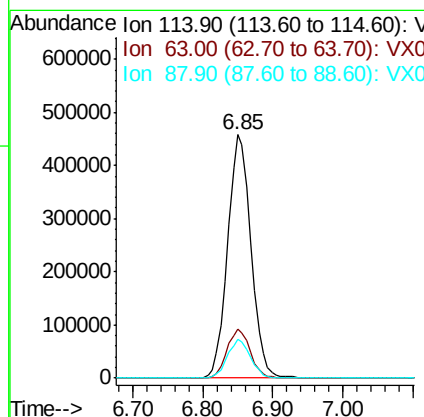
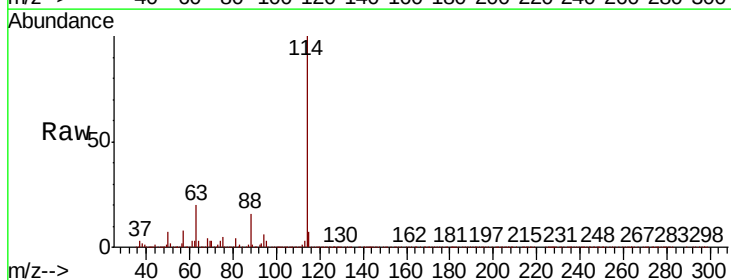
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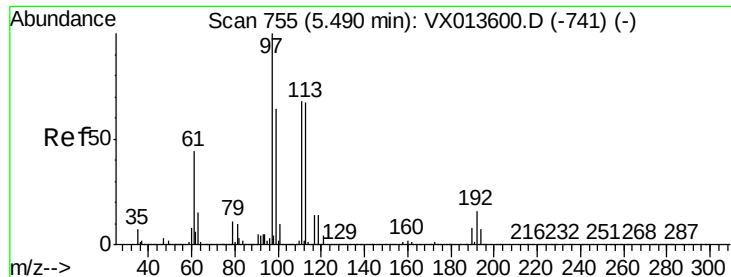
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.7	0.0	31.4





#35

Dibromofluoromethane

Concen: 48.191 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

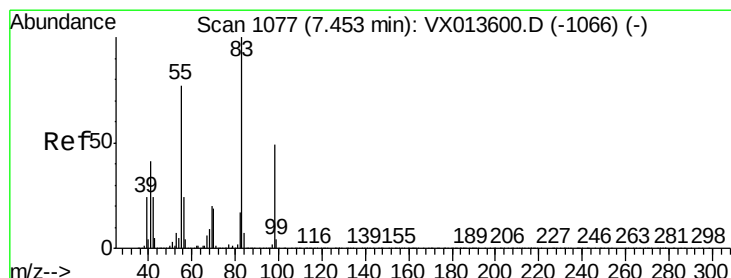
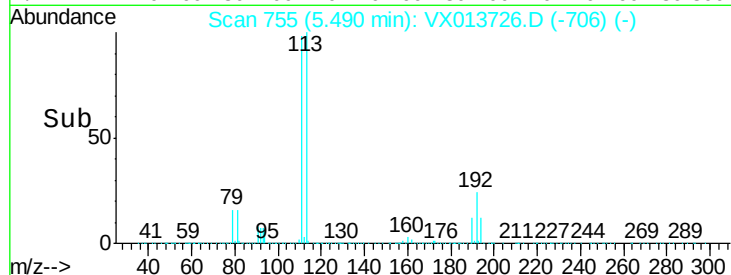
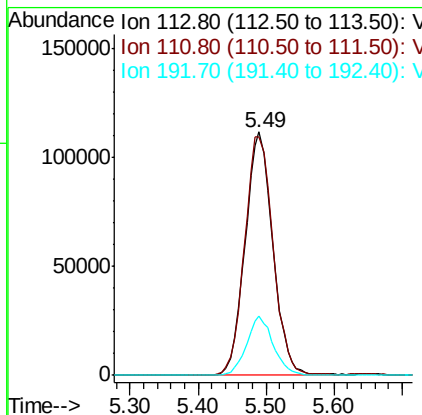
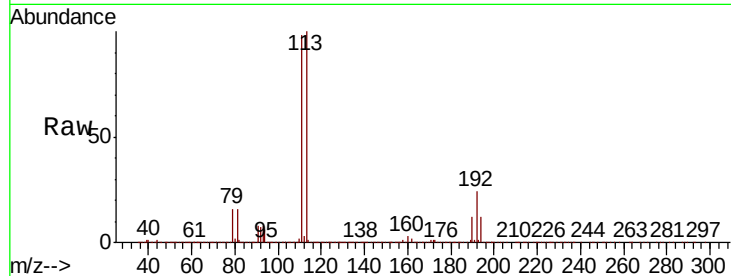
ClientSampleId :

MW-14

Tot Ion:	113	Resp:	316470
Ion Ratio	Lower	Upper	
113	100		
111	100.5	83.6	125.4
192	23.4	19.2	28.8

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#39

Methylcyclohexane

Concen: 12.578 ug/l

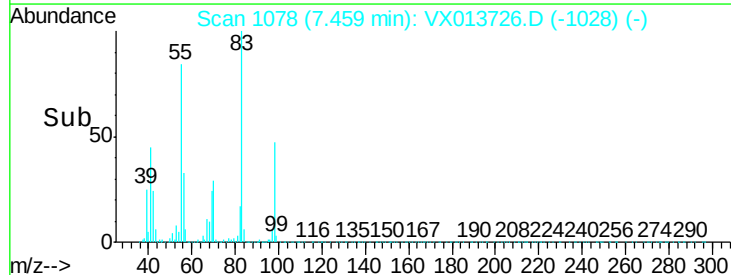
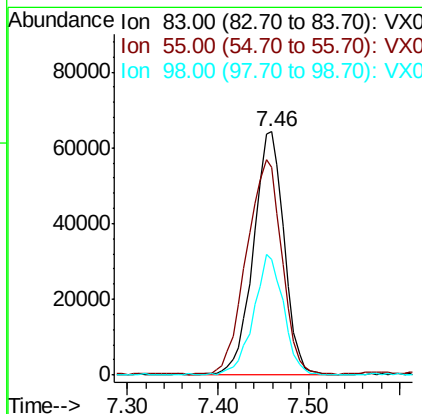
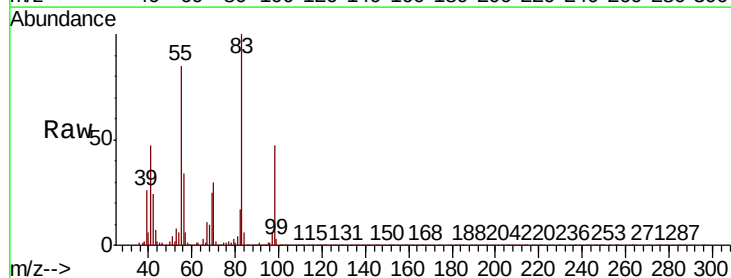
RT: 7.46 min Scan# 1078

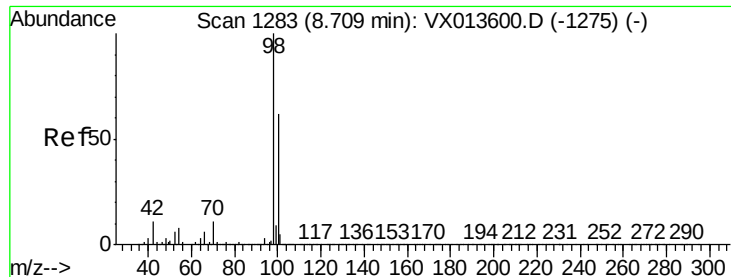
Delta R.T. 0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Tgt Ion:	83	Resp:	149915
Ion Ratio	Lower	Upper	
83	100		
55	84.8	61.9	92.9
98	46.9	39.4	59.0





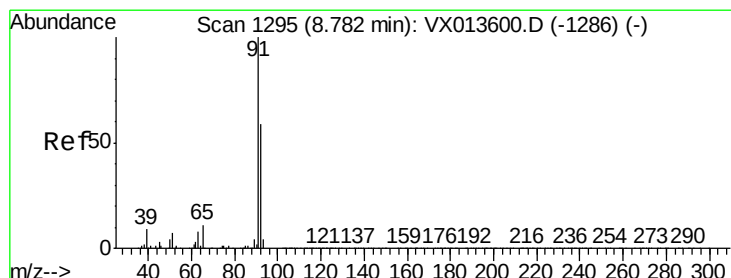
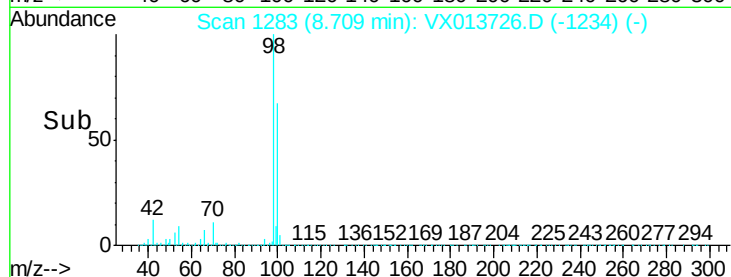
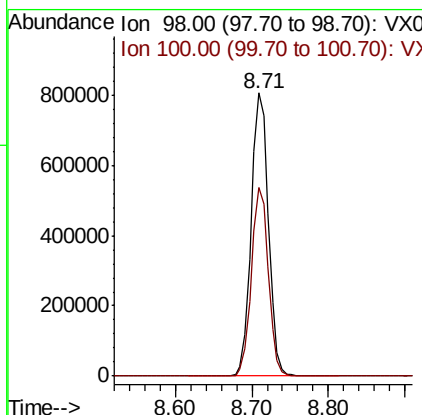
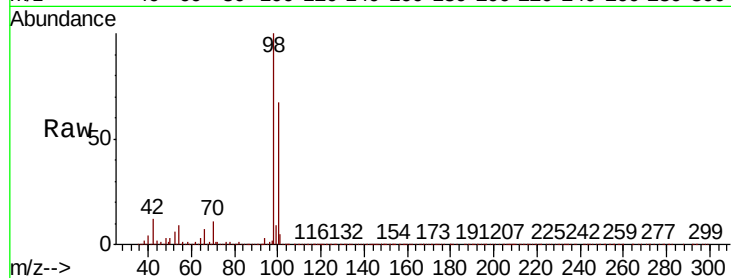
#50
Toluene-d8
Concen: 49.333 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion: 98 Resp: 1262220
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

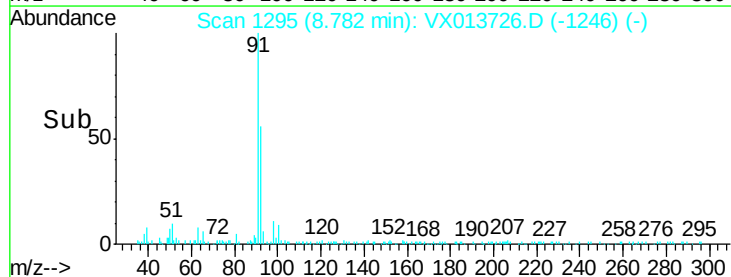
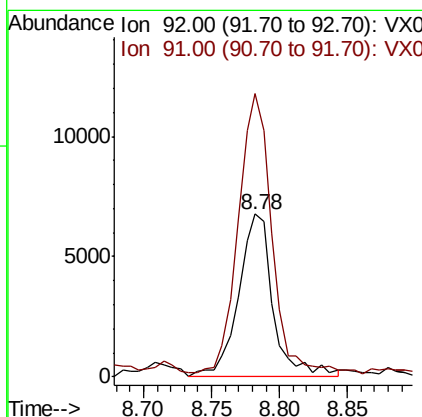
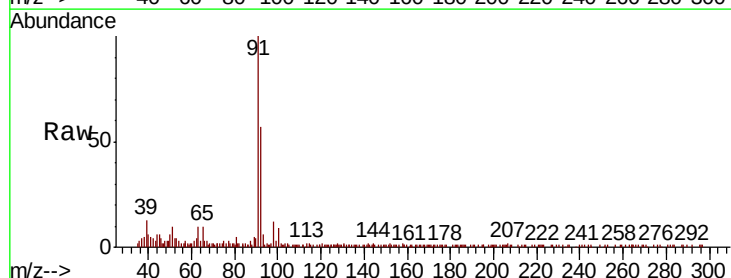
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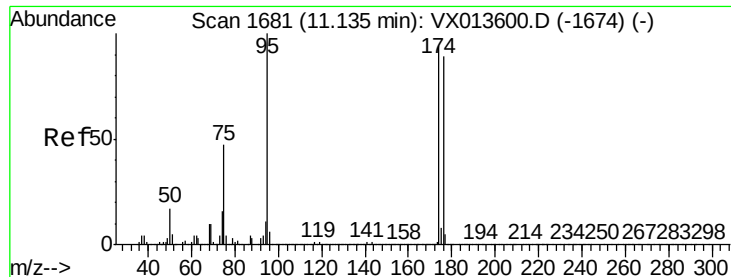
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#52
Toluene
Concen: 0.660 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion: 92 Resp: 12045
Ion Ratio Lower Upper
92 100
91 165.2 136.2 204.2





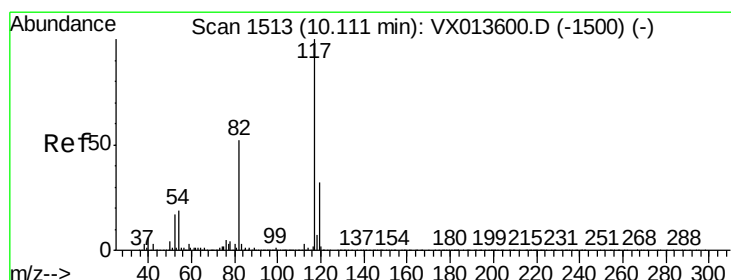
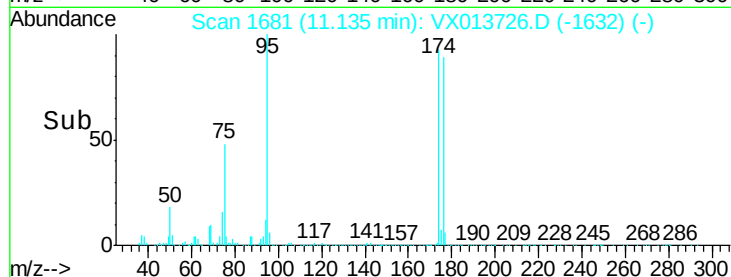
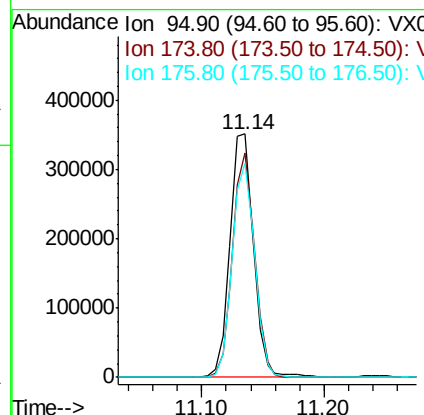
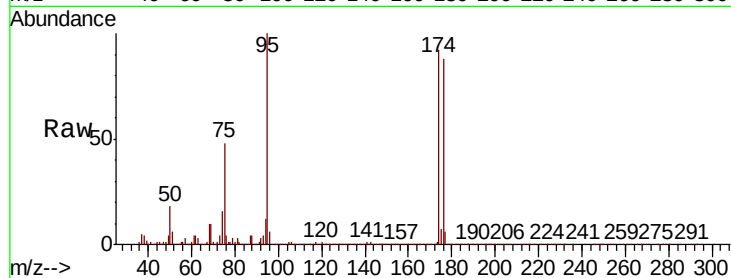
#62
4-Bromofluorobenzene
Concen: 50.460 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Resp	Lower	Upper
95	100	465559		
174	86.7	0.0	180.0	
176	83.9	0.0	173.6	

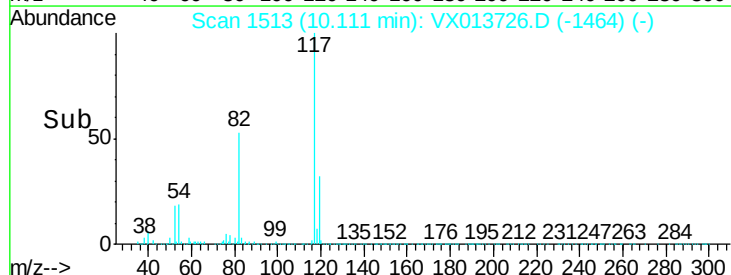
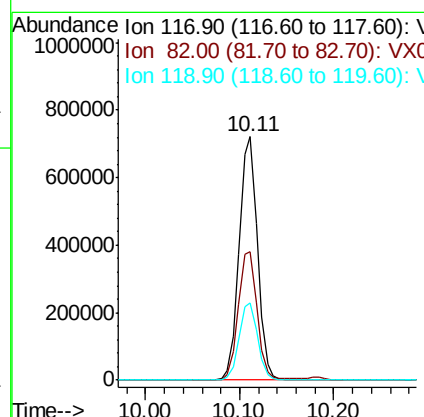
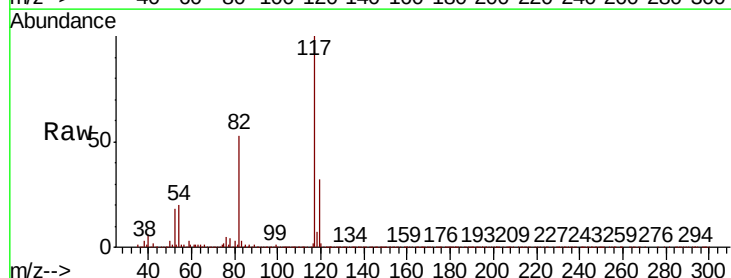
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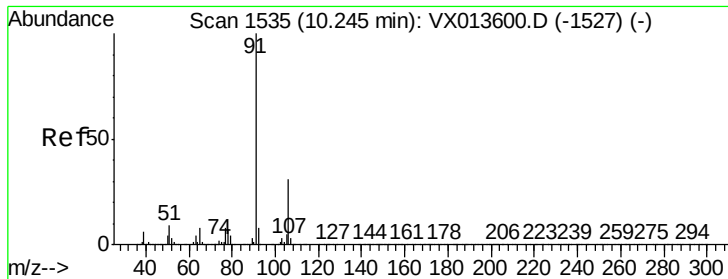
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	967941		
82	52.9	41.8	62.8	
119	31.9	25.8	38.8	





#67

Ethyl Benzene

Concen: 21.424 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

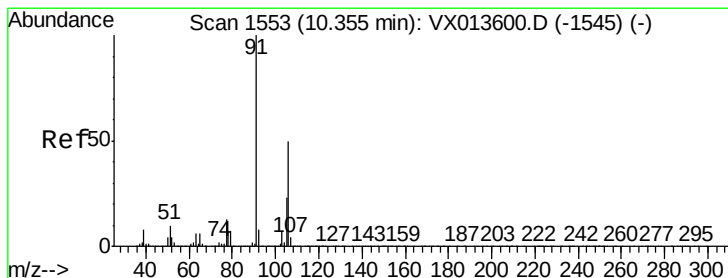
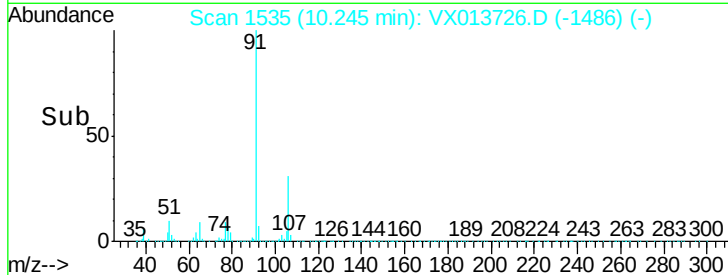
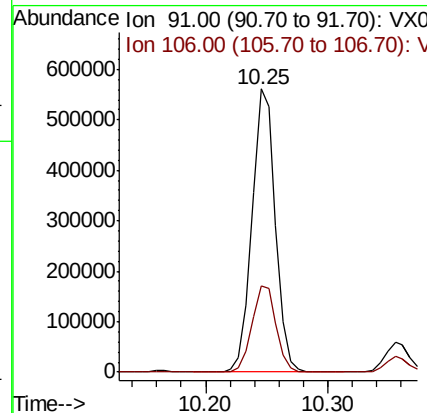
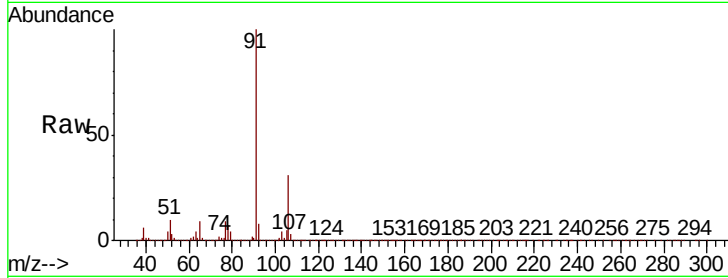
ClientSampled :

MW-14

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.5	36.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 3.062 ug/l

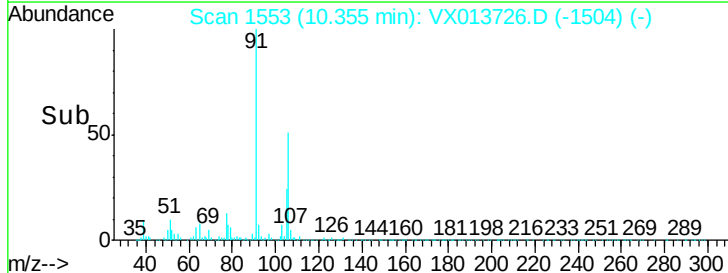
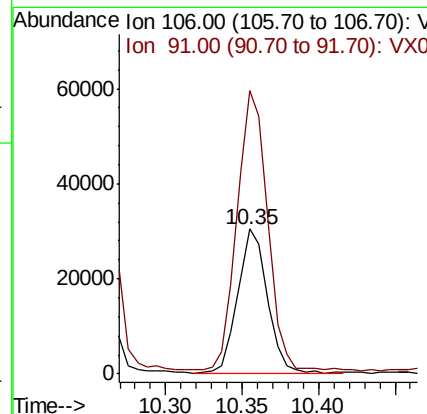
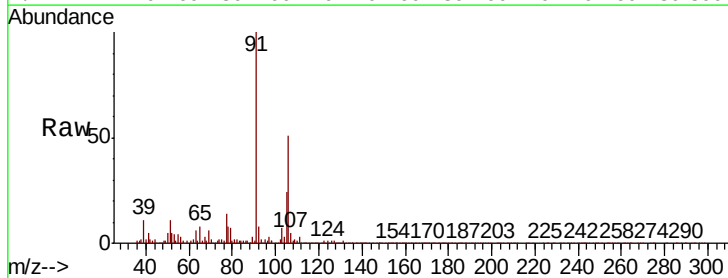
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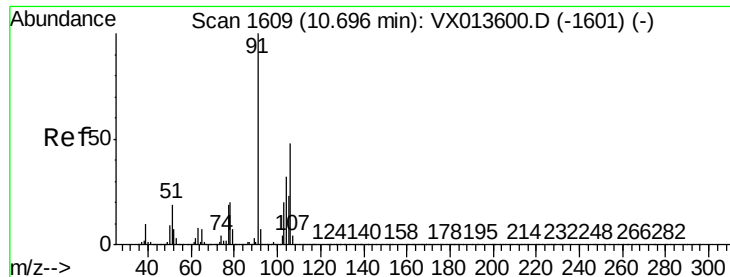
Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.9	159.0	238.4





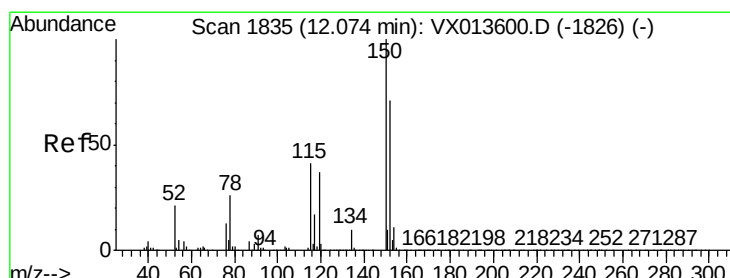
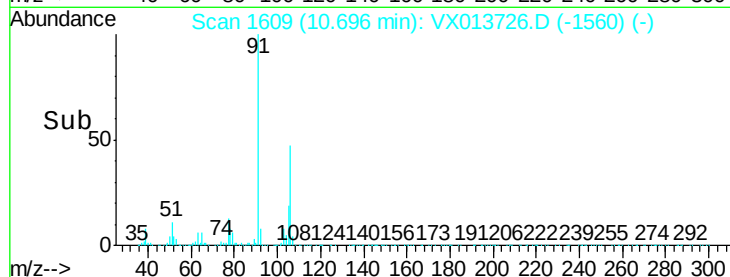
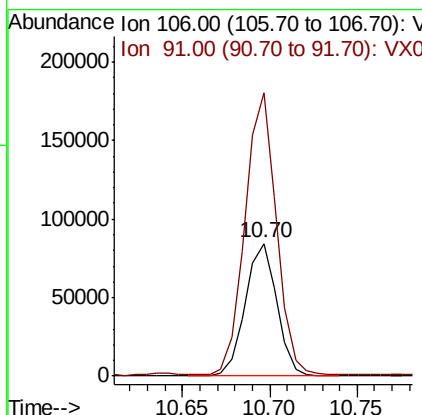
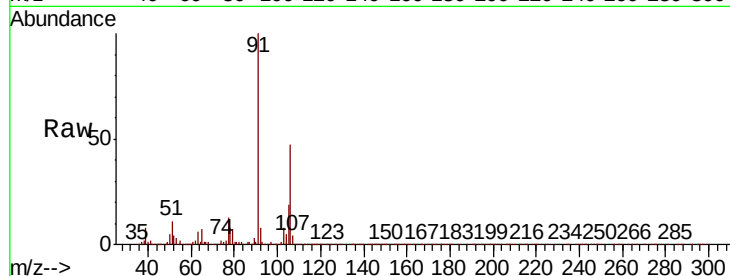
#69
o-Xylene
Concen: 8.195 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.6	104.1	312.2

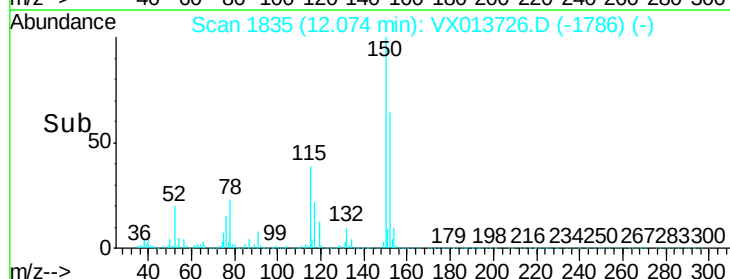
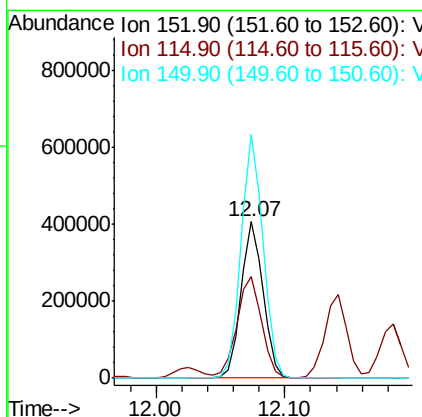
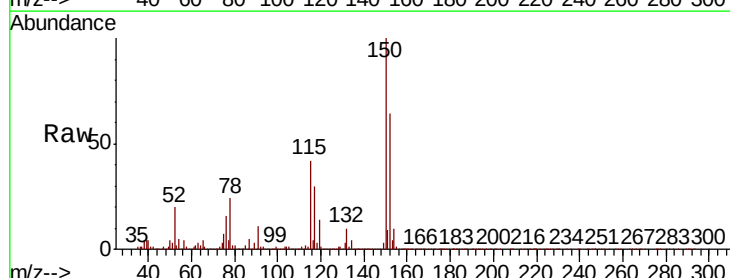
Manual Integrations
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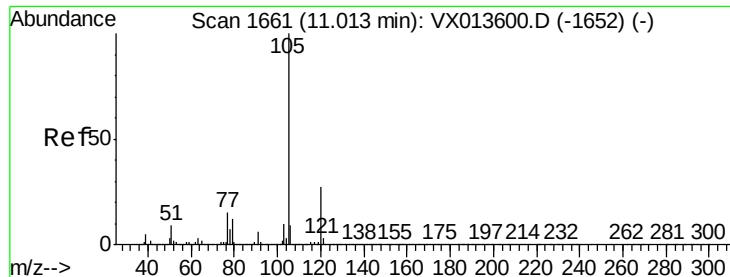
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013726.D
Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	72.2	38.4	115.1
150	156.0	0.0	346.8





#73

Isopropylbenzene

Concen: 88.026 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

MW-14

Tot Ion:105 Resp: 2956241

Ion Ratio Lower Upper

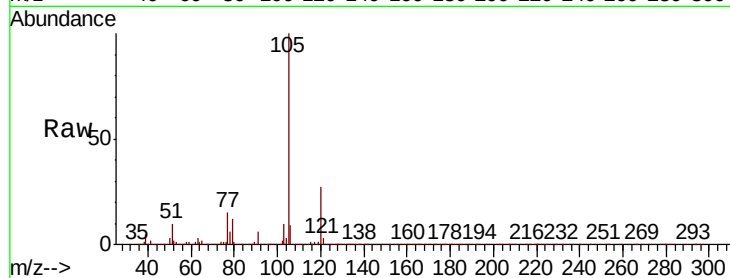
105 100

120 27.1 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

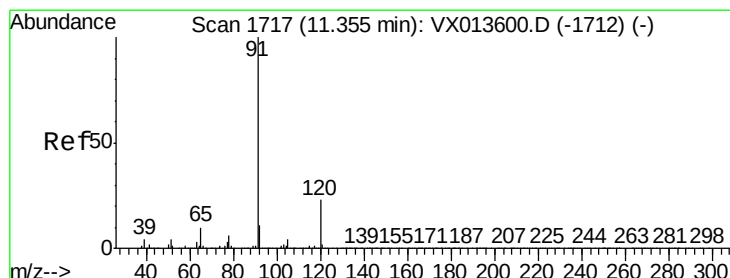
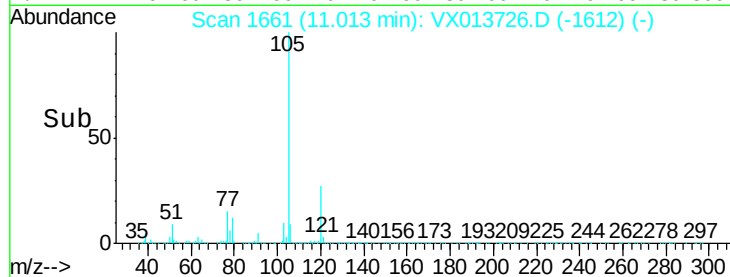
500000

0

11.01

10.90 11.00 11.10

Time-->



#78

n-propylbenzene

Concen: 81.982 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013726.D

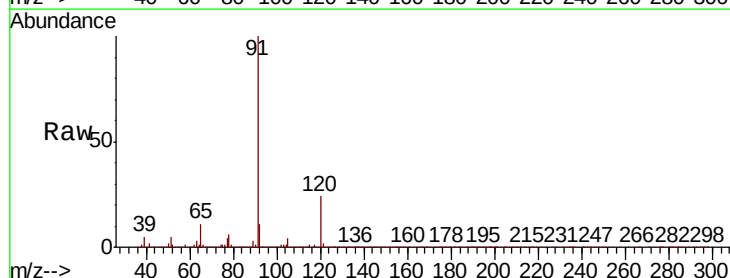
Acq: 03 Dec 2019 15:48

Tgt Ion: 91 Resp: 3073477

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

3000000

2500000

2000000

1500000

1000000

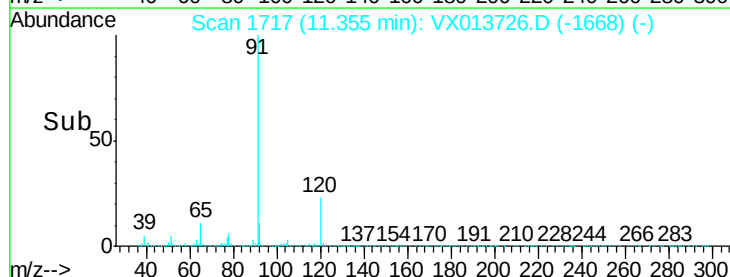
500000

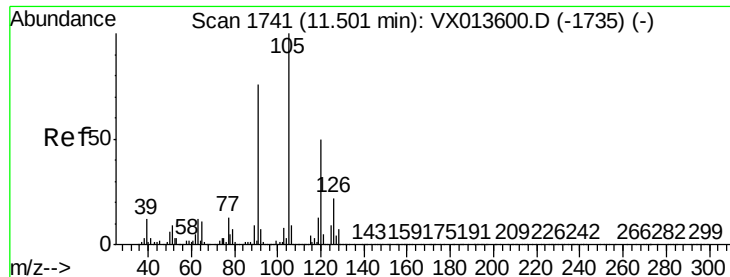
0

11.35

11.30 11.40

Time-->





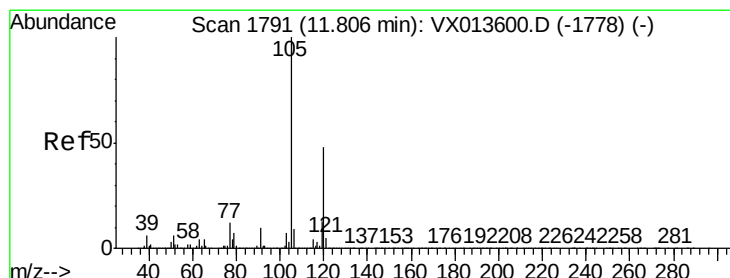
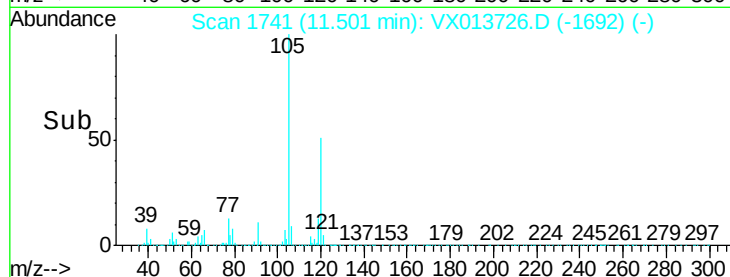
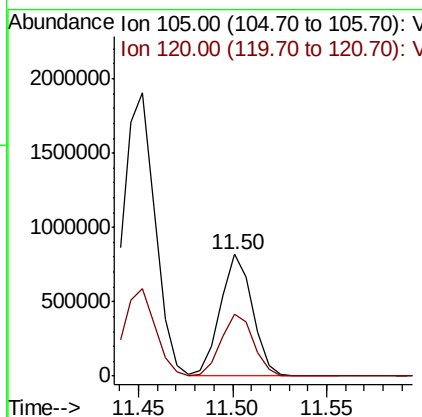
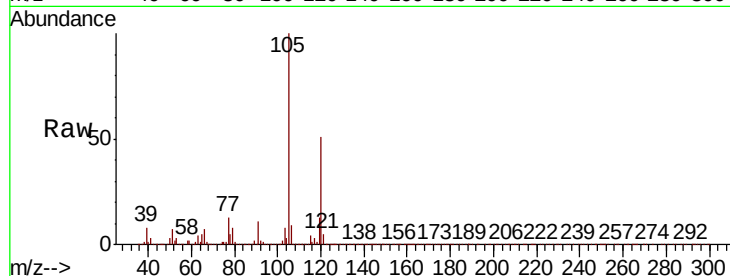
#80
 1,3,5-Trimethylbenzene
 Concen: 35.107 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.9	25.3	75.9

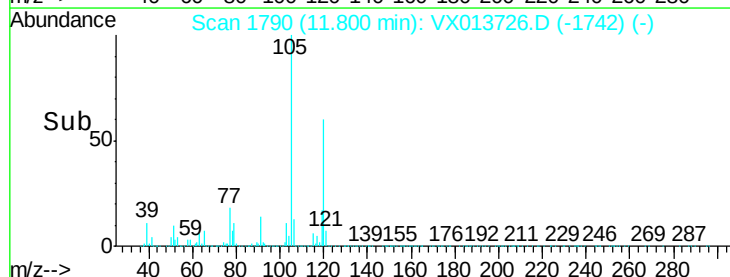
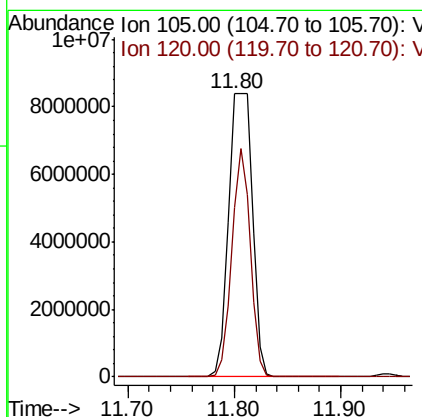
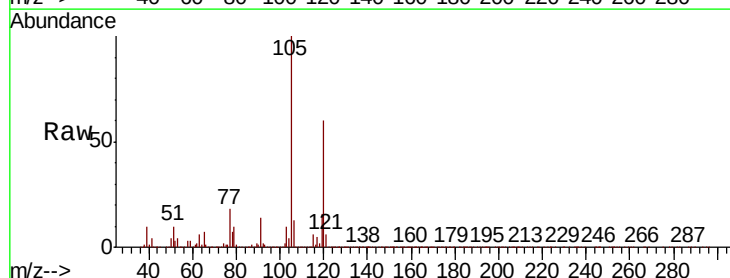
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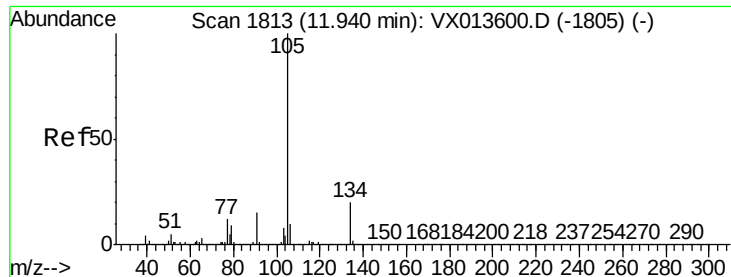
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#84
 1,2,4-Trimethylbenzene
 Concen: 476.095 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013726.D
 Acq: 03 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	62.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 4.217 ug/l m

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion:105 Resp: 134726

Ion Ratio Lower Upper

105 100

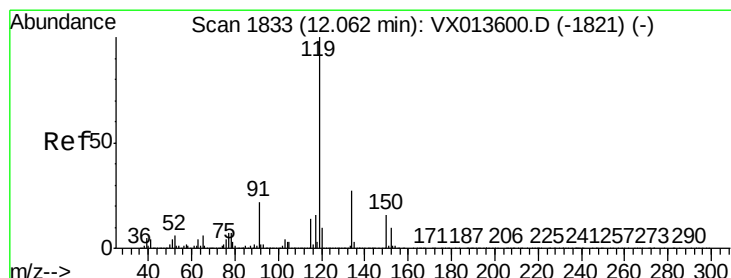
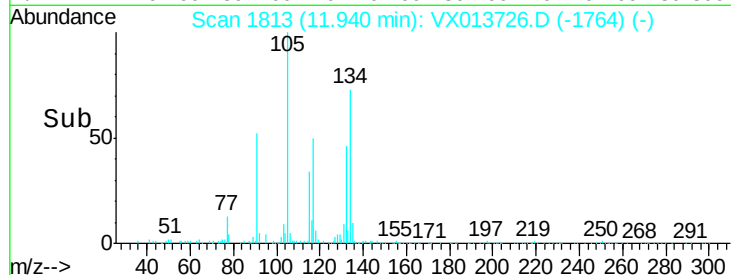
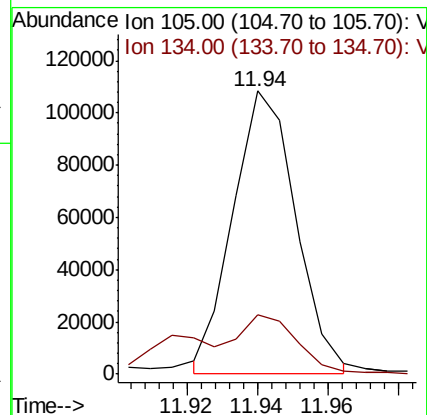
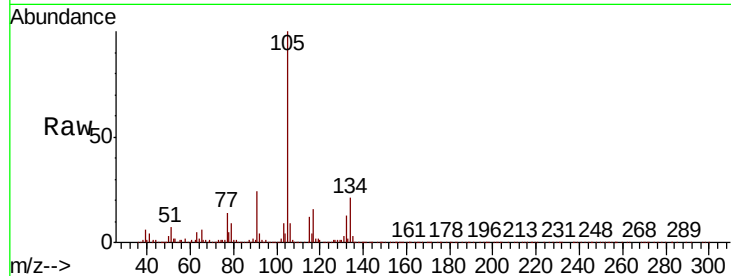
134 0.0 10.4 31.2#

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#86

p-Isopropyltoluene

Concen: 15.814 ug/l m

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

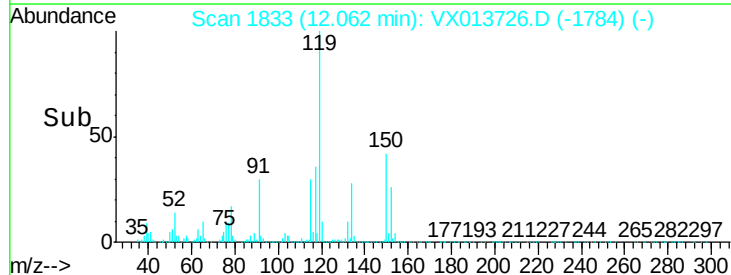
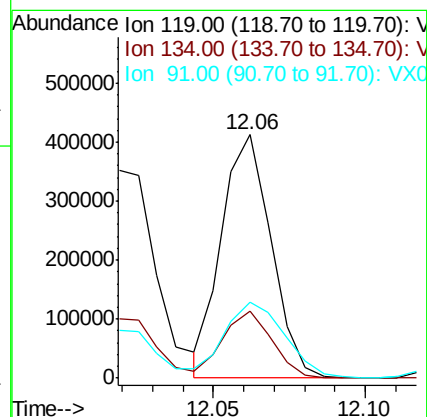
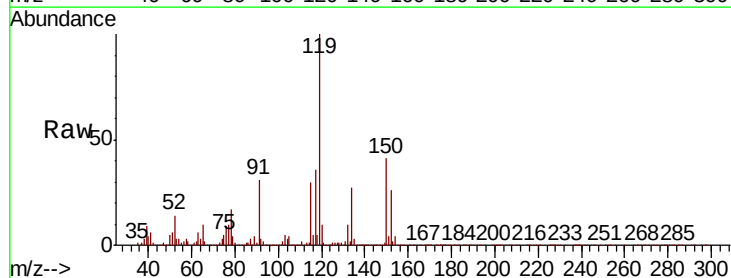
Tgt Ion:119 Resp: 470062

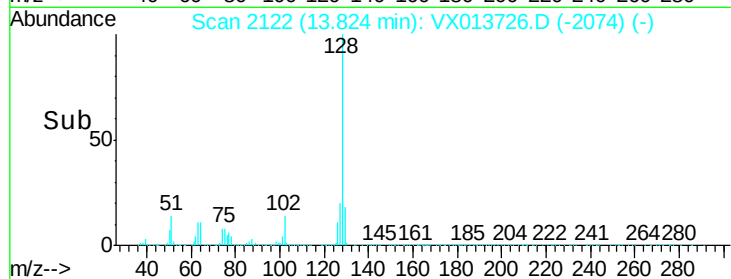
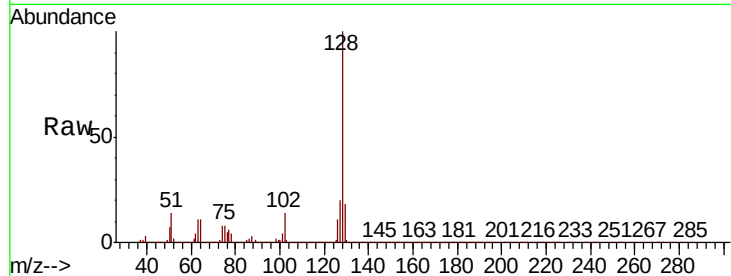
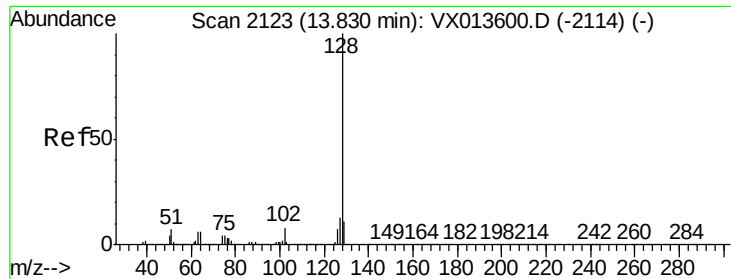
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.9 11.3 33.8





#95

Naphthalene

Concen: 735.438 ug/l m

RT: 13.82 min Scan# 2122

Delta R.T. -0.01 min

Lab File: VX013726.D

Acq: 03 Dec 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion:128 Resp:23851486

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 4.7 8.7 13.1#

Manual Integrations

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