

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013676.D
 Acq On : 28 Nov 2019 01:34
 Operator : JC/SP
 Sample : K6027-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Manual Integrations
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Quant Time: Dec 02 07:01:12 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	664436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1052854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	940207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	464003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	370415	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	5.49	113	310385	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	1249042	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.14	95	448367	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.61	56	74644	6.552	ug/l #	47
39) Methylcyclohexane	7.45	83	160484	13.585	ug/l	88
52) Toluene	8.78	92	11915	0.659	ug/l	88
67) Ethyl Benzene	10.24	91	779436	23.236	ug/l	98
68) m/p-Xylenes	10.35	106	40801	3.177	ug/l	93
69) o-Xylene	10.70	106	113306	9.046	ug/l	99
73) Isopropylbenzene	11.01	105	2998897	92.138	ug/l	99
78) n-propylbenzene	11.35	91	3135491	86.297	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1010366	37.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	13278666	490.466	ug/l	73
85) sec-Butylbenzene	11.94	105	142301m	4.595	ug/l	
86) p-Isopropyltoluene	12.06	119	474756m	16.480	ug/l	
95) Naphthalene	13.82	128	23790745m	756.907	ug/l	

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

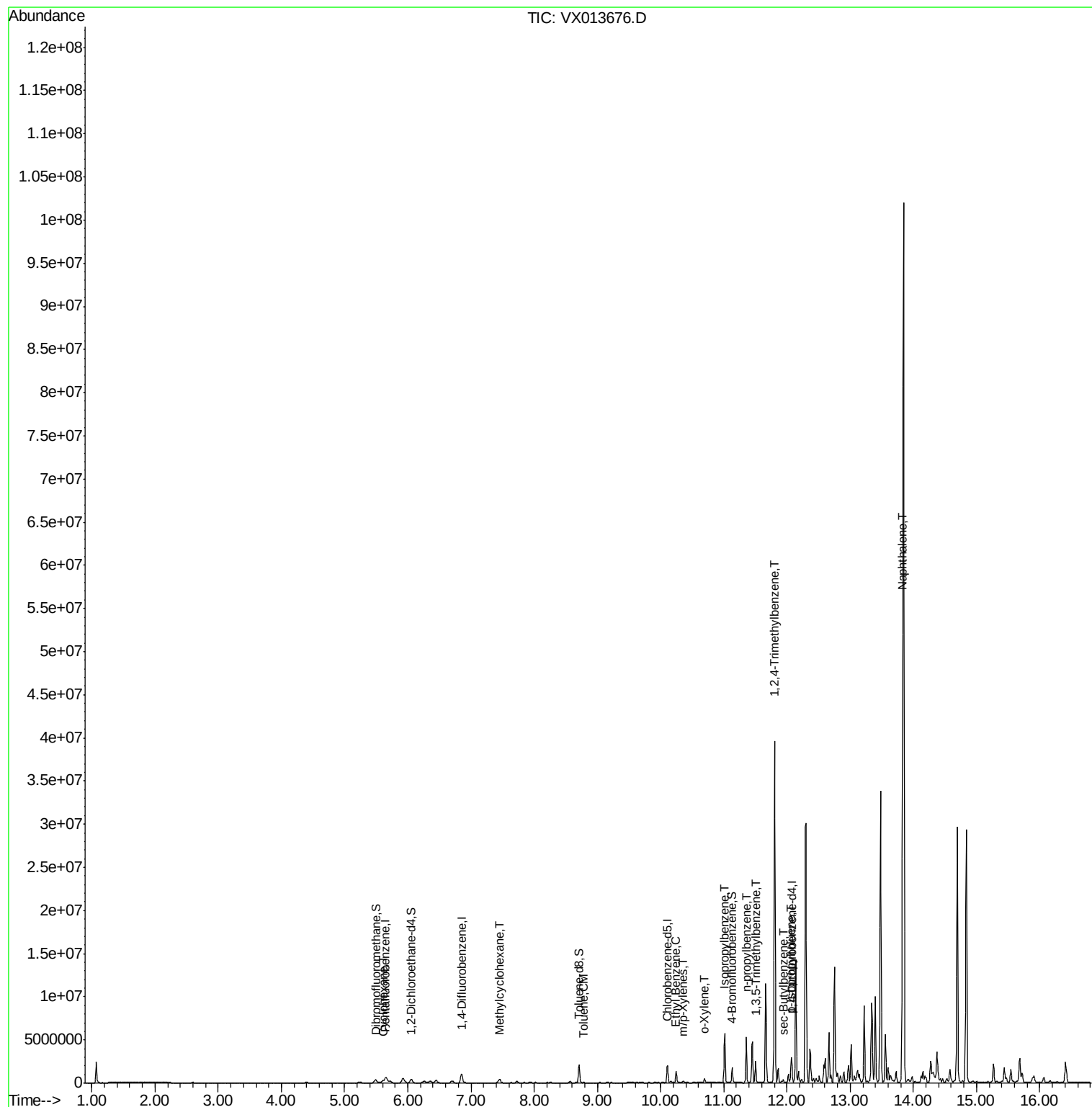
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

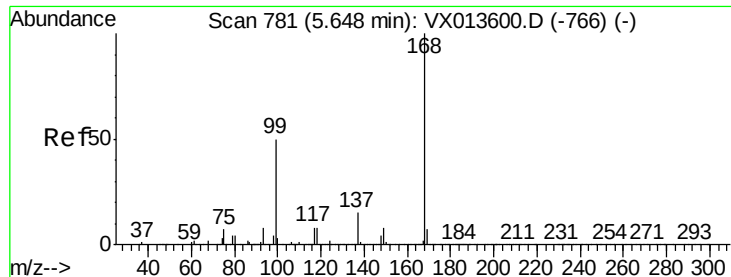
Instrument :
MSVOA_X
ClientSampleId :
MW-14

Quant Time: Dec 02 07:01:12 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# 781

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampled :

MW-14

Tot Ion:168 Resp: 664436

Ion Ratio Lower Upper

168 100

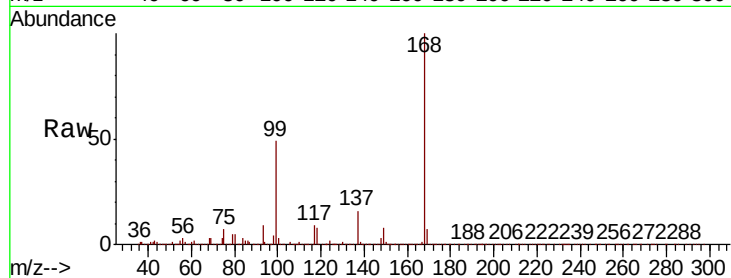
99 49.2 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

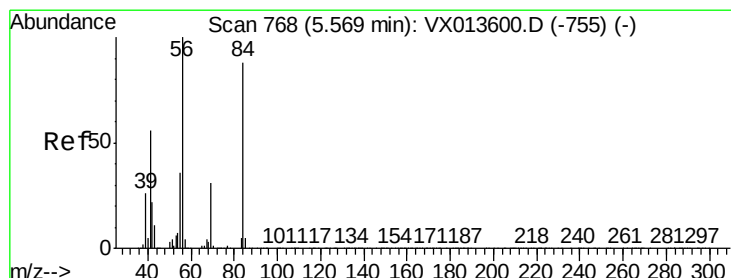
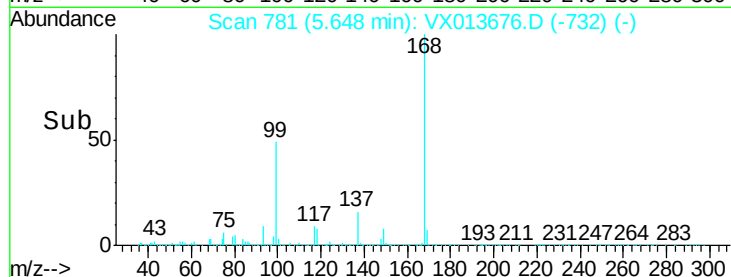
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 6.552 ug/l

RT: 5.61 min Scan# 774

Delta R.T. 0.04 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

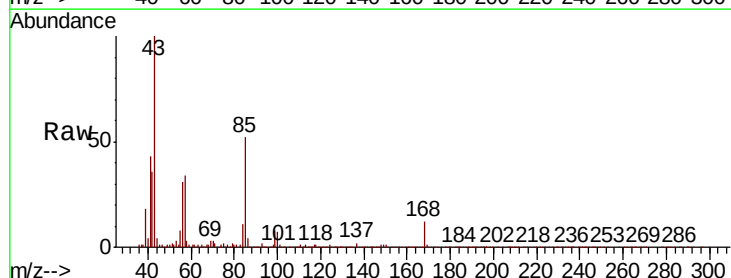
Tgt Ion: 56 Resp: 74644

Ion Ratio Lower Upper

56 100

69 9.0 24.6 36.8#

84 34.5 70.0 105.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

50000

40000

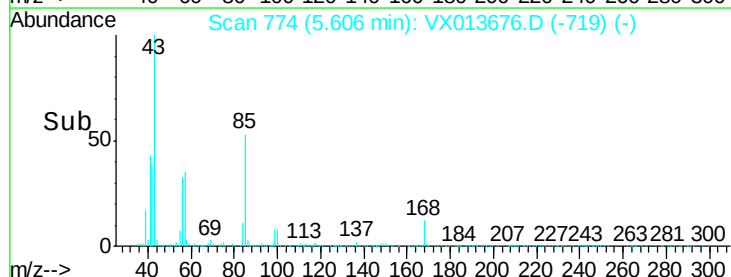
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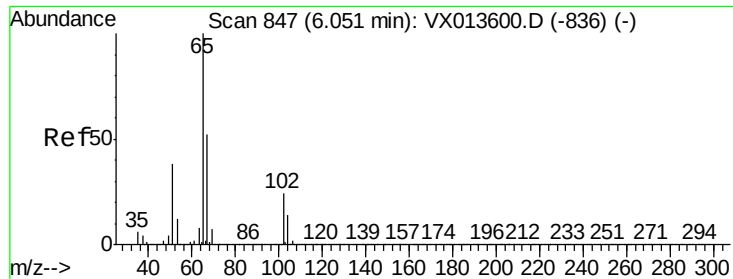
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Time-->





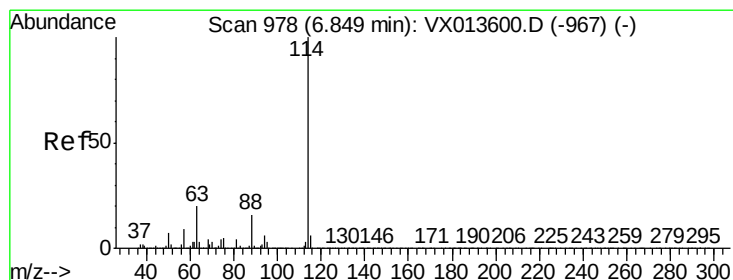
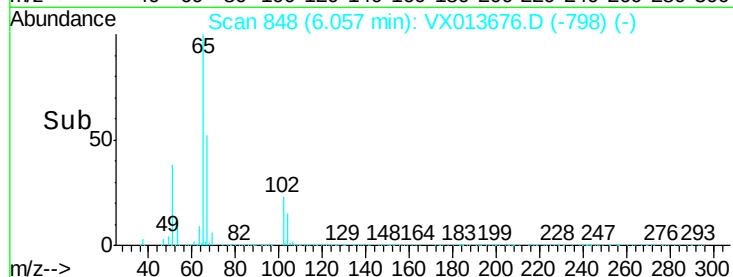
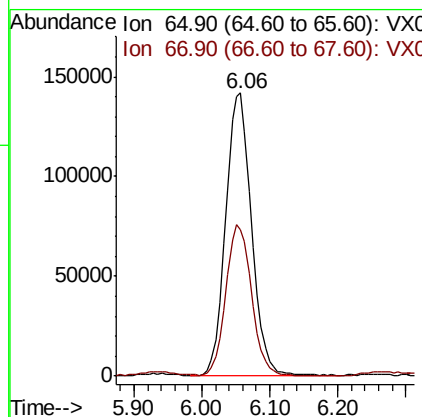
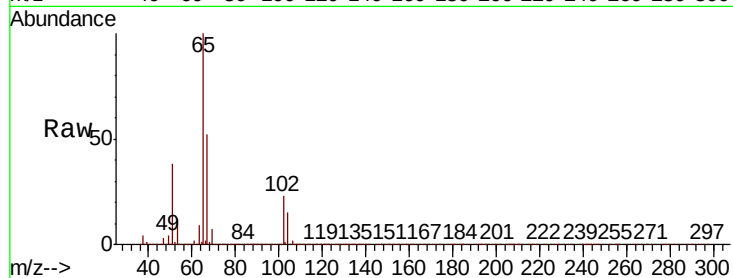
#33
 1,2-Dichloroethane-d4
 Concen: 48.027 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

Tot Ion	Ratio	Resp	Lower	Upper
65	100	370415		
67	53.1	0.0	104.4	

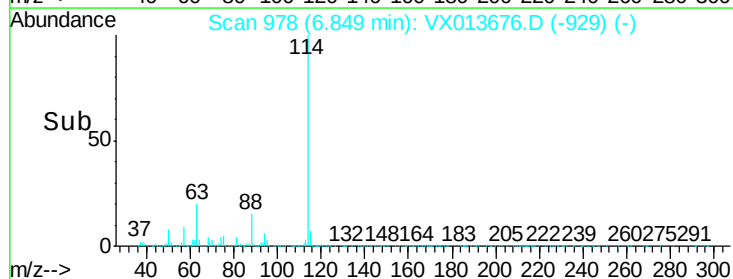
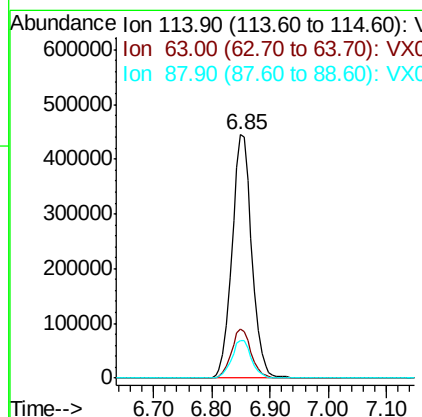
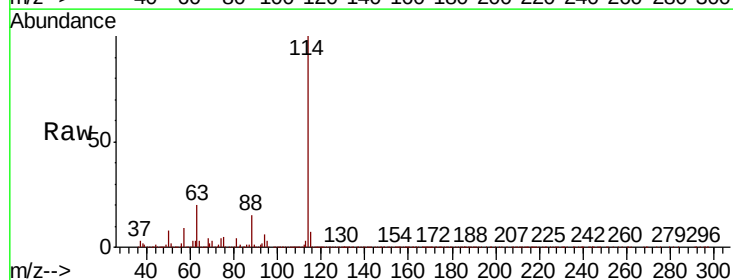
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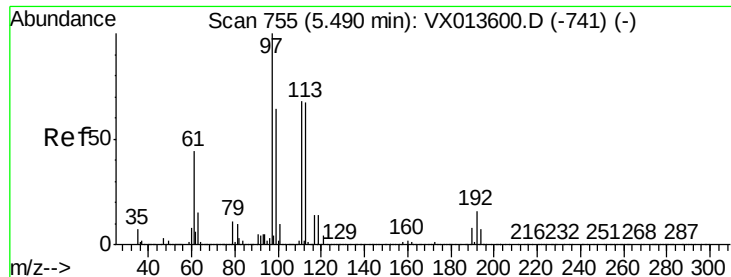
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1052854		
63	20.0	0.0	39.6	
88	15.4	0.0	31.4	





#35

Dibromofluoromethane

Concen: 47.686 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

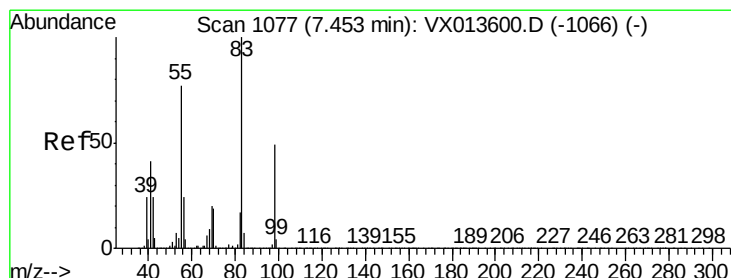
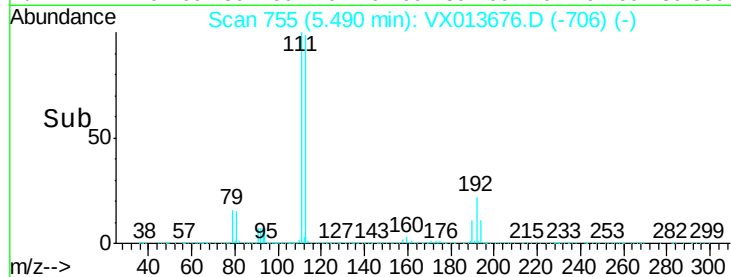
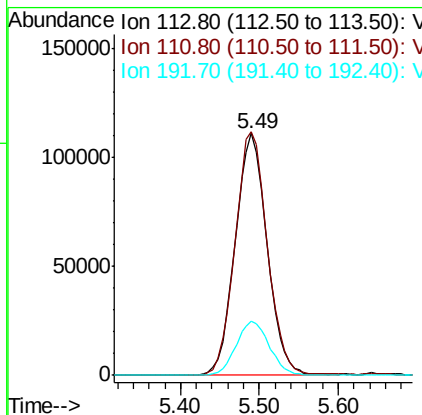
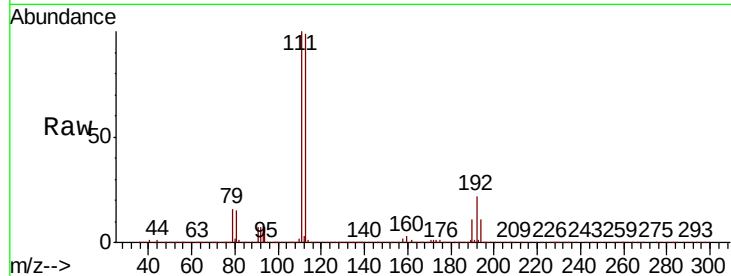
ClientSampleId :

MW-14

Tot Ion:	113	Resp:	310385
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.6	125.4
192	23.4	19.2	28.8

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#39

Methylcyclohexane

Concen: 13.585 ug/l

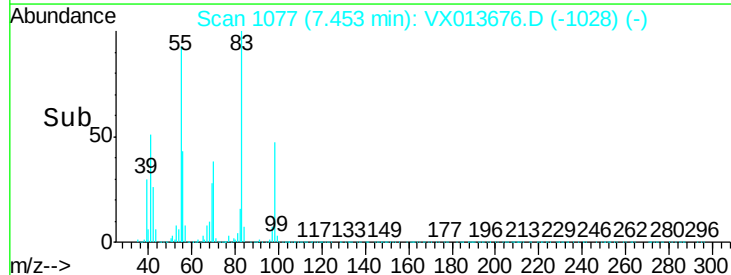
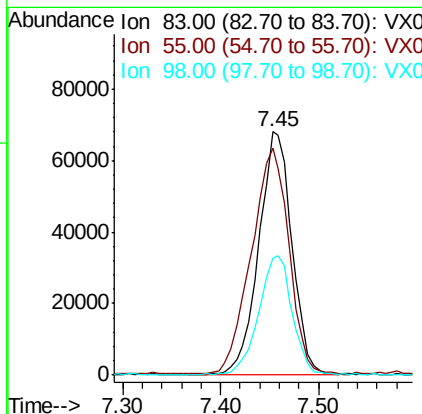
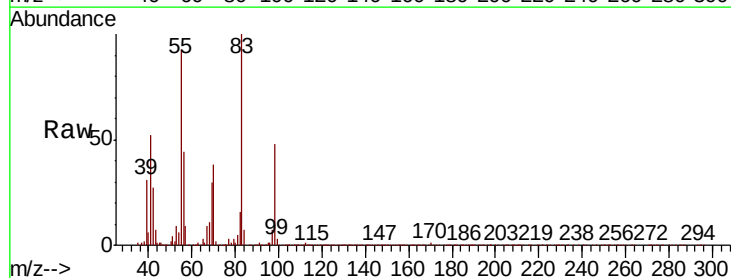
RT: 7.45 min Scan# 1077

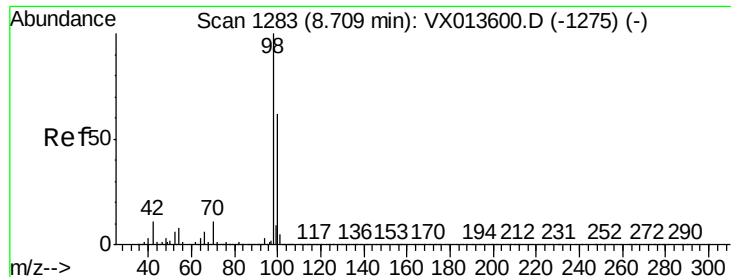
Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Tgt Ion:	83	Resp:	160484
Ion Ratio	Lower	Upper	
83	100		
55	92.8	61.9	92.9
98	48.0	39.4	59.0





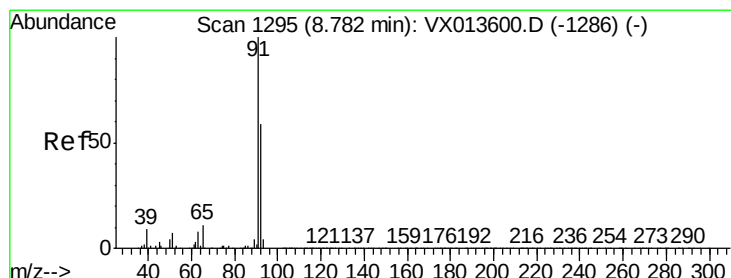
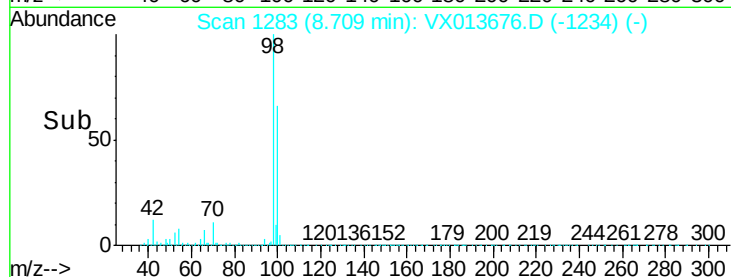
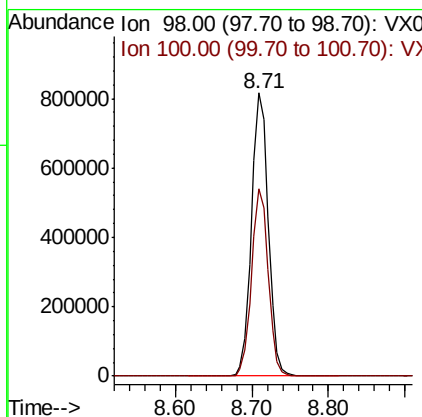
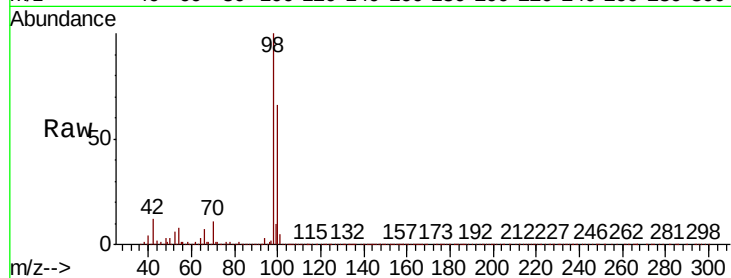
#50
Toluene-d8
Concen: 49.254 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion: 98 Resp: 1249042
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

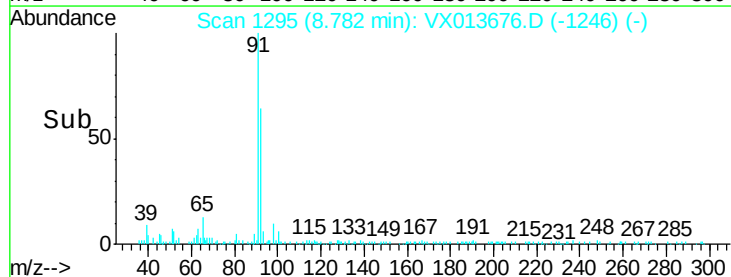
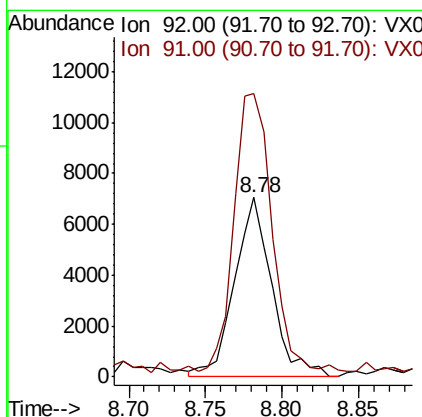
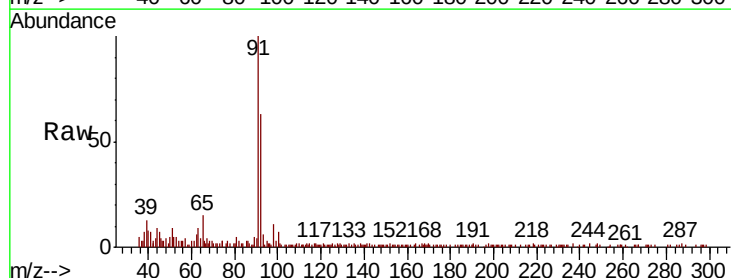
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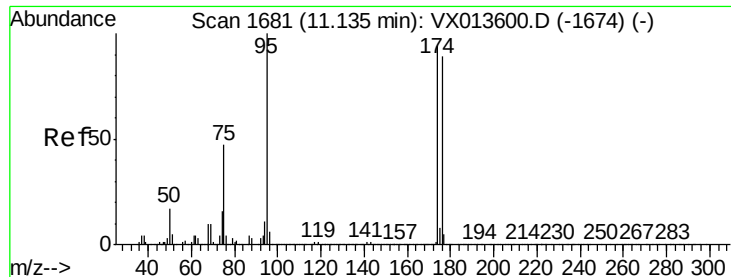
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#52
Toluene
Concen: 0.659 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion: 92 Resp: 11915
Ion Ratio Lower Upper
92 100
91 153.9 136.2 204.2





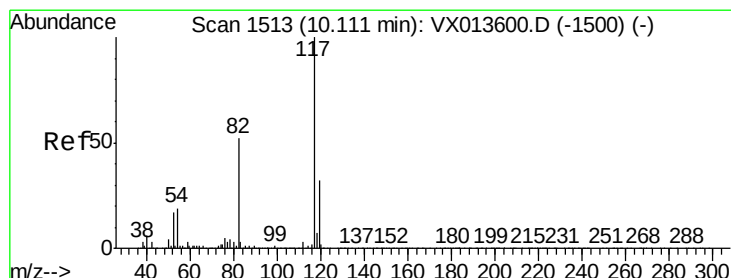
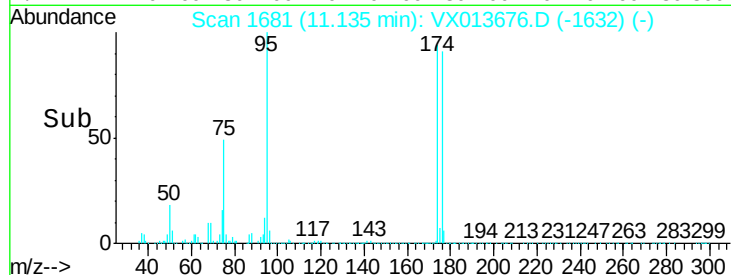
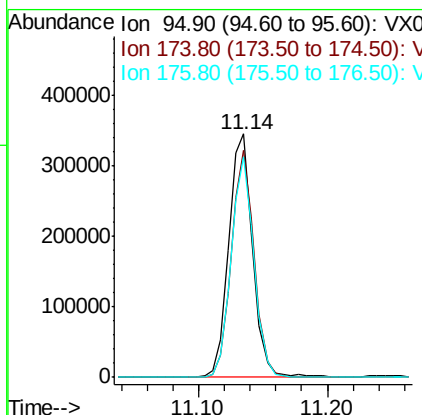
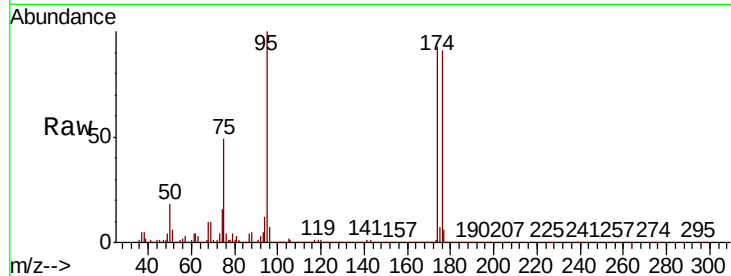
#62
4-Bromofluorobenzene
Concen: 49.031 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Instrument :
MSVOA_X
ClientSampled :
MW-14

Tot Ion	Ratio	Resp	Lower	Upper
95	100	448367		
174	88.3	0.0	180.0	
176	86.1	0.0	173.6	

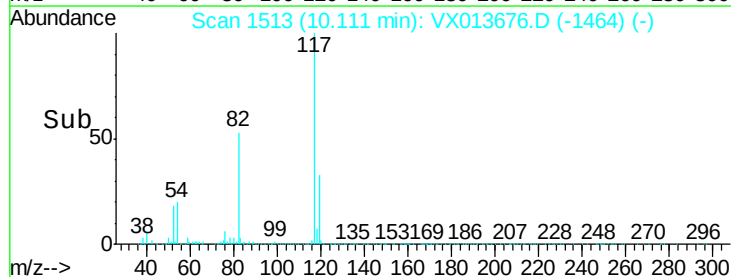
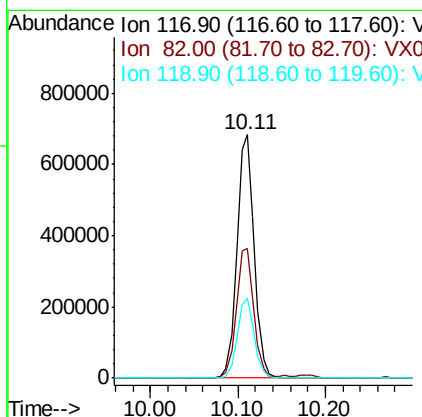
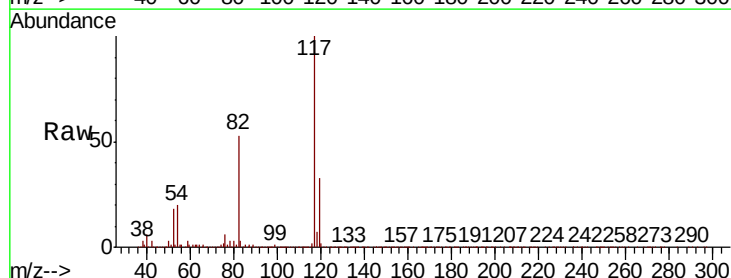
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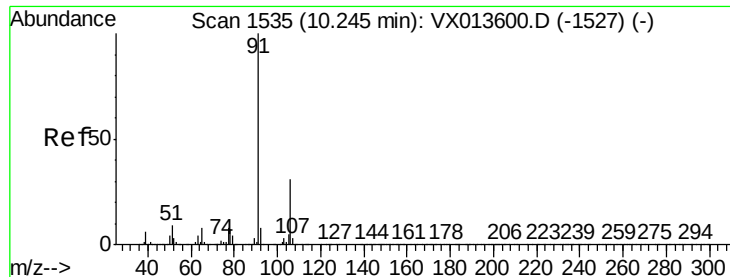
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	940207		
82	53.3	41.8	62.8	
119	32.8	25.8	38.8	





#67

Ethyl Benzene

Concen: 23.236 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampled :

MW-14

Tot Ion: 91 Resp: 779436

Ion Ratio Lower Upper

91 100

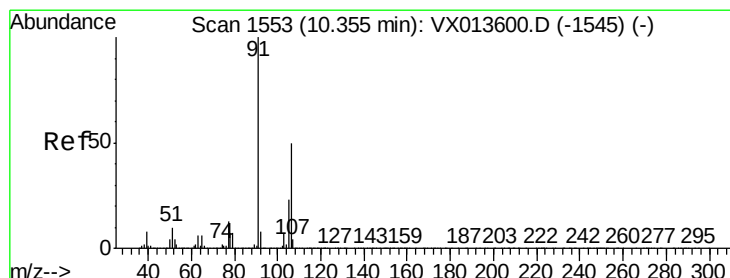
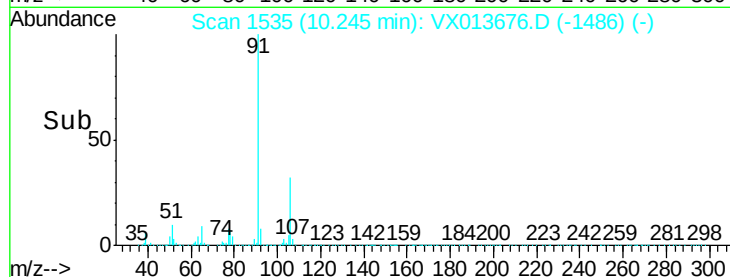
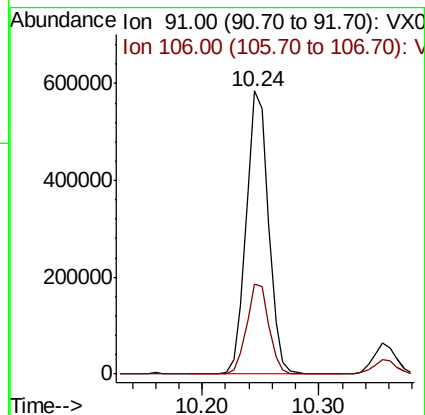
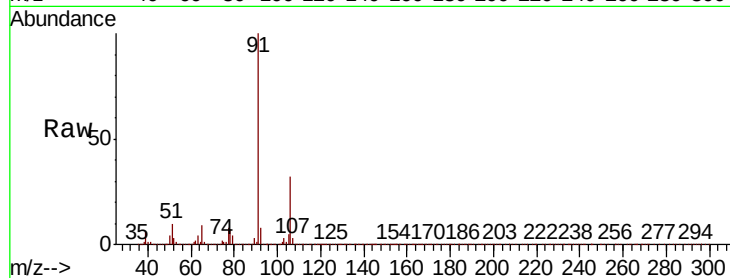
106 31.6 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 3.177 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013676.D

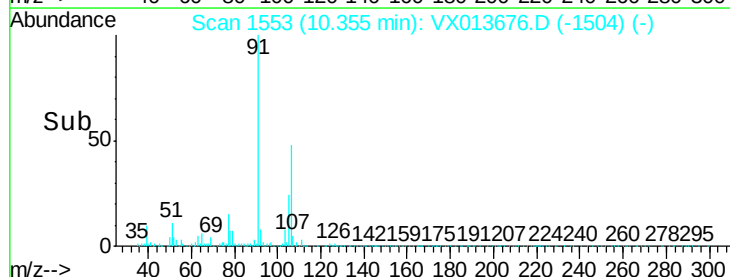
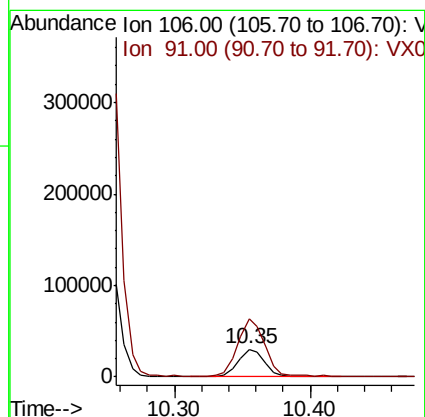
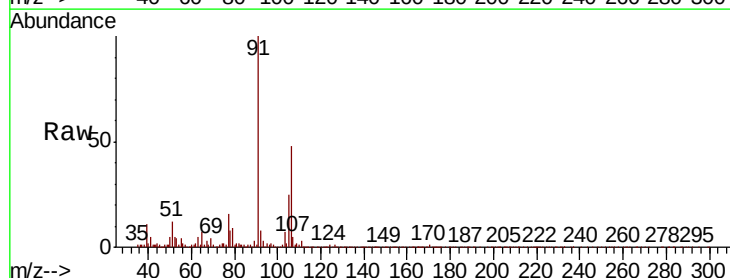
Acq: 28 Nov 2019 01:34

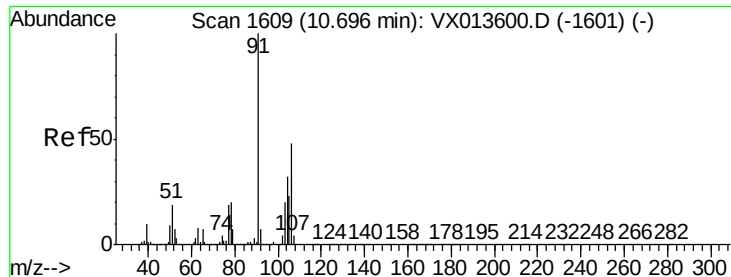
Tgt Ion: 106 Resp: 40801

Ion Ratio Lower Upper

106 100

91 209.2 159.0 238.4





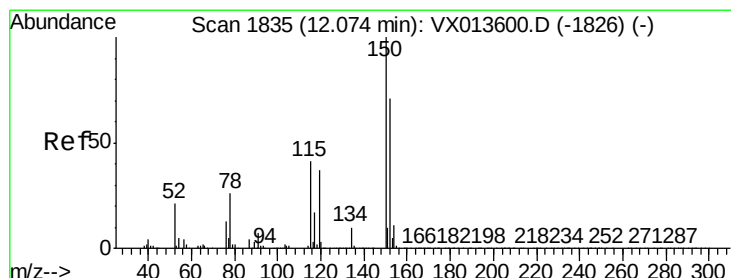
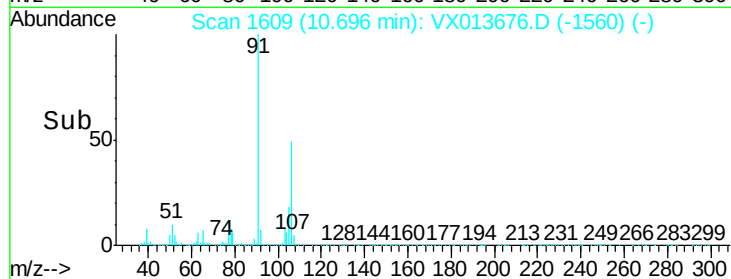
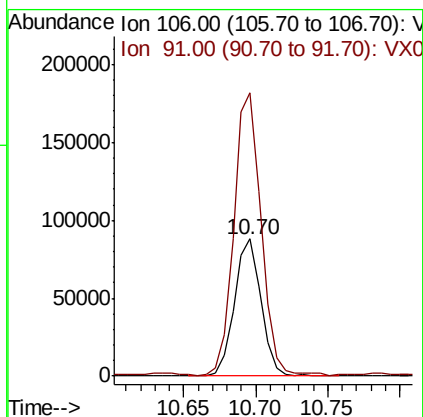
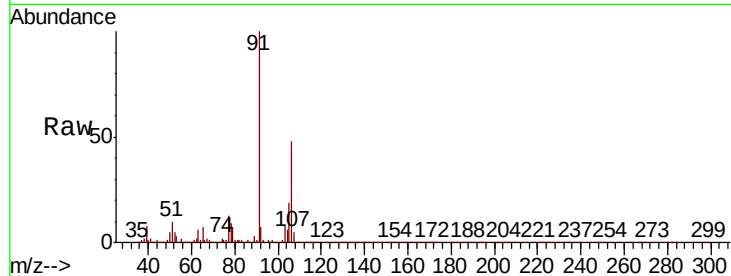
#69
o-Xylene
Concen: 9.046 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	104.1	312.2

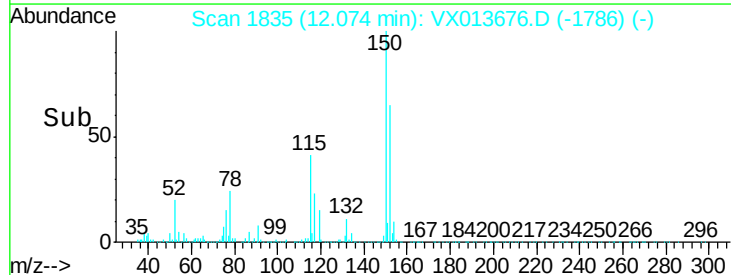
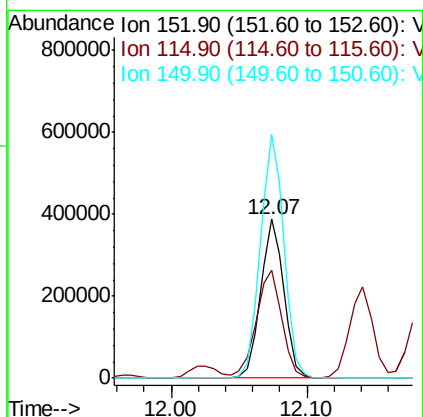
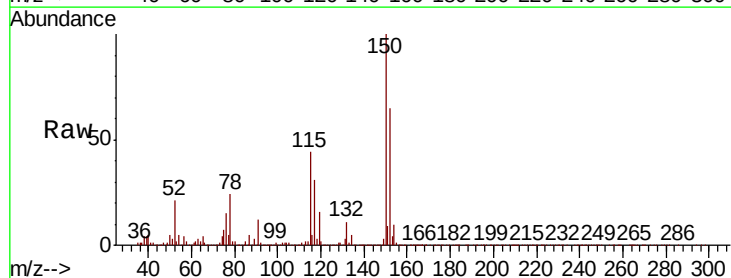
Manual Integrations
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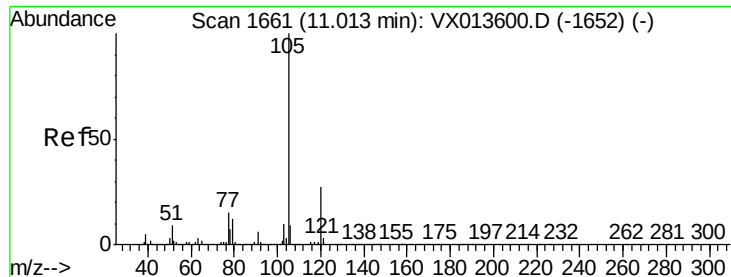
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.0	38.4	115.1
150	156.1	0.0	346.8





#73

Isopropylbenzene

Concen: 92.138 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013676.D

Acq: 28 Nov 2019 01:34

Instrument :

MSVOA_X

ClientSampled :

MW-14

Tot Ion:105 Resp: 2998897

Ion Ratio Lower Upper

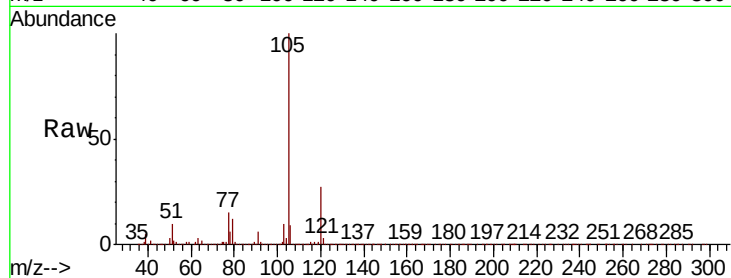
105 100

120 27.3 13.5 40.5

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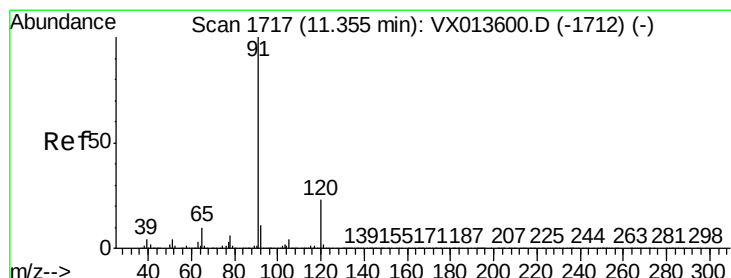
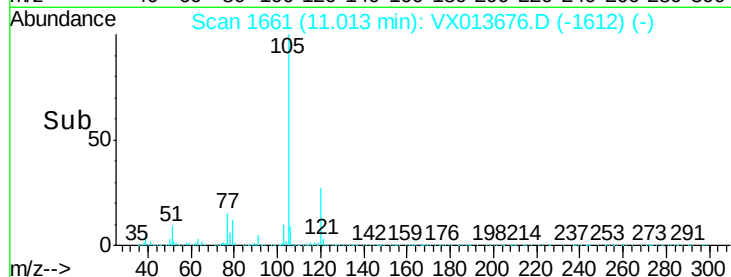
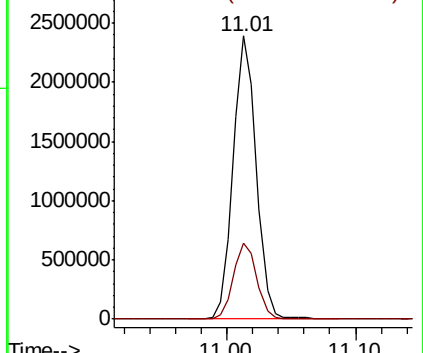
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 86.297 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013676.D

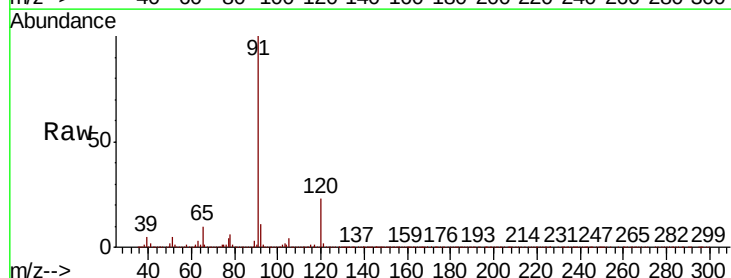
Acq: 28 Nov 2019 01:34

Tgt Ion: 91 Resp: 3135491

Ion Ratio Lower Upper

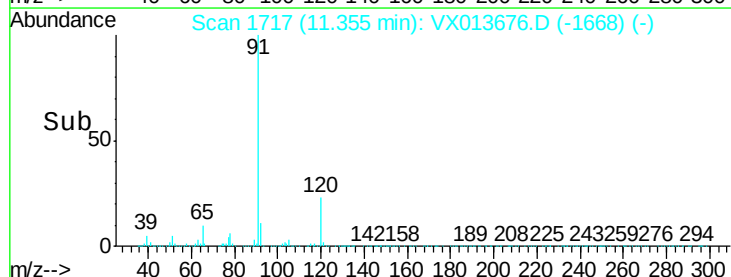
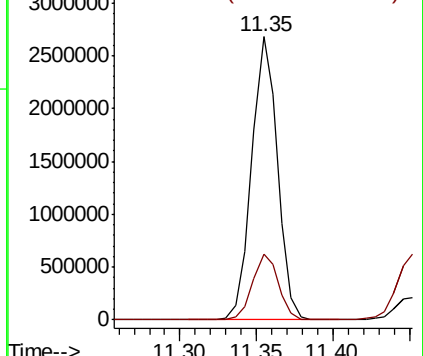
91 100

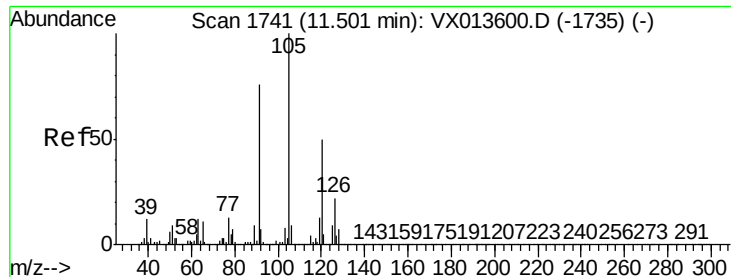
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





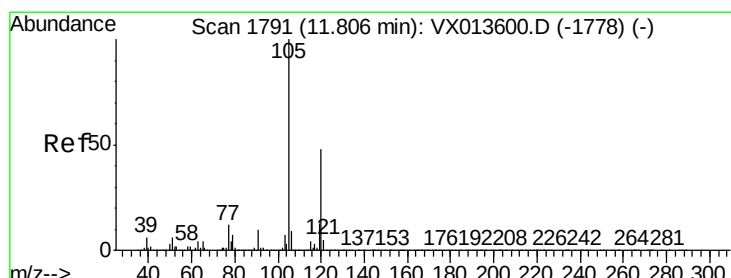
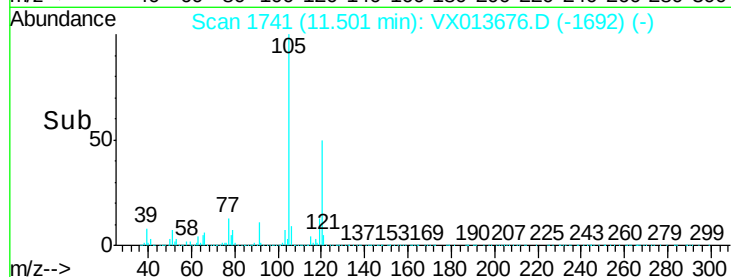
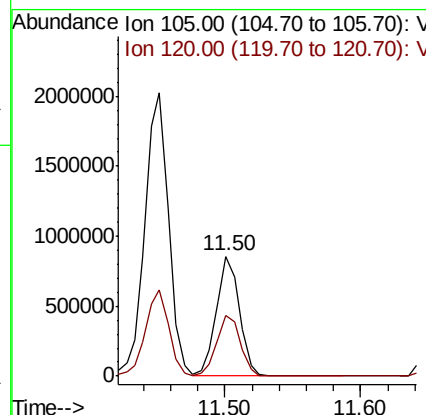
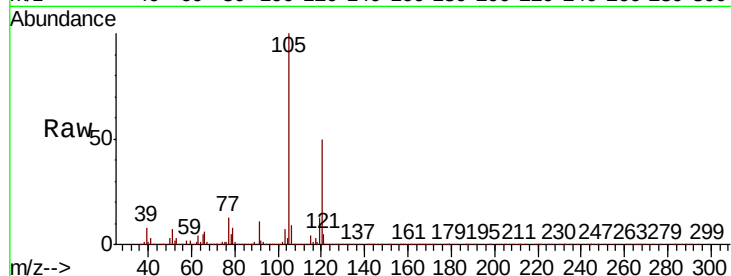
#80
 1,3,5-Trimethylbenzene
 Concen: 37.875 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

Tot Ion:105 Resp: 1010366
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.3 75.9

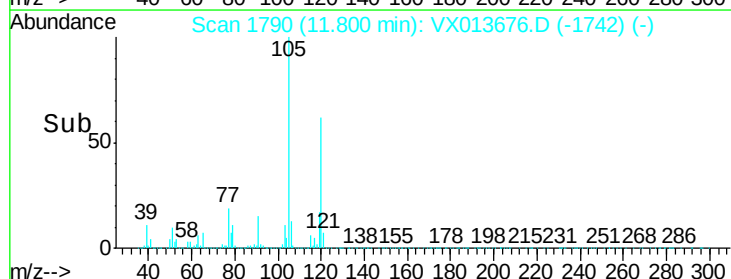
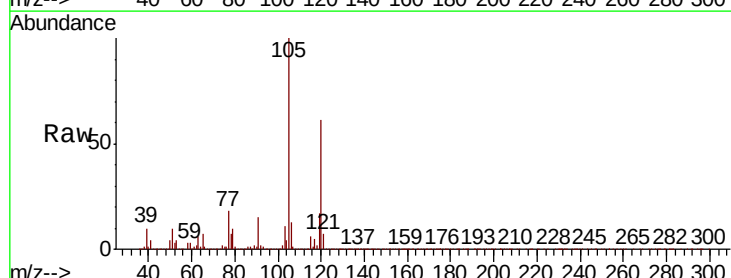
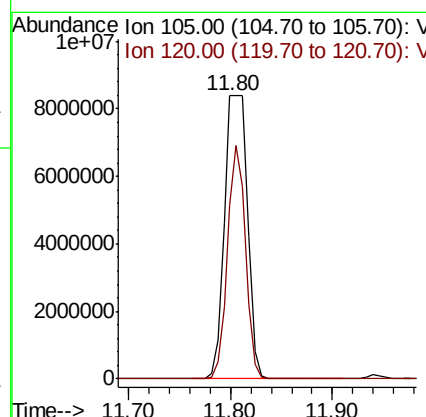
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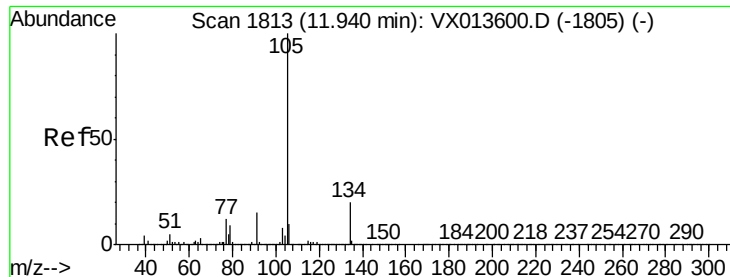
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#84
 1,2,4-Trimethylbenzene
 Concen: 490.466 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Tgt Ion:105 Resp:13278666
 Ion Ratio Lower Upper
 105 100
 120 63.8 23.1 69.3





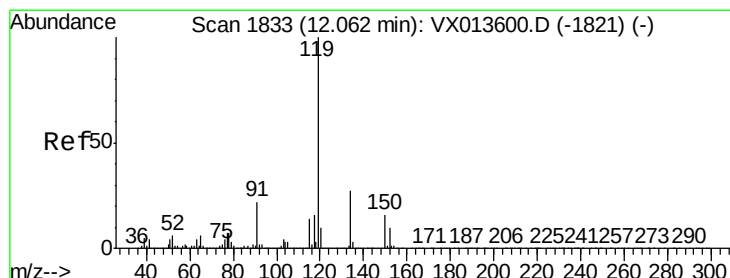
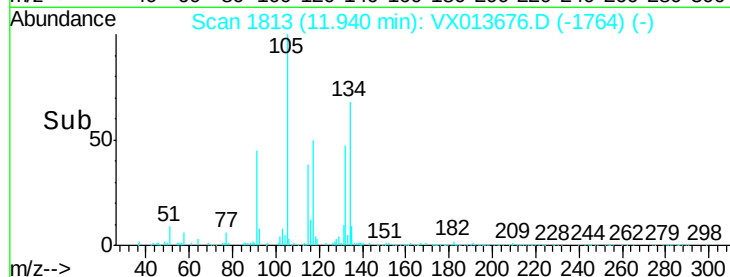
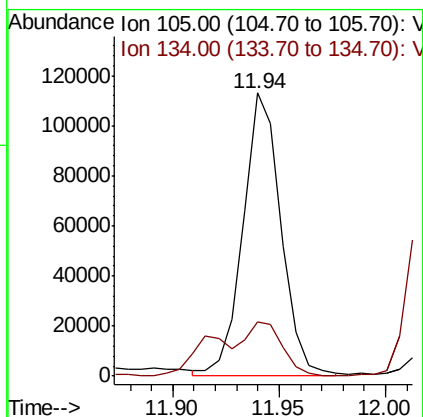
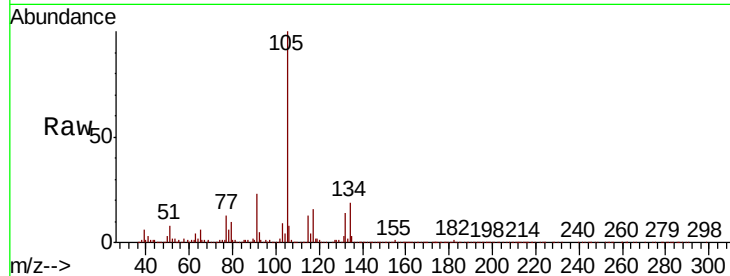
#85
 sec-Butylbenzene
 Concen: 4.595 ug/l m
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.2#

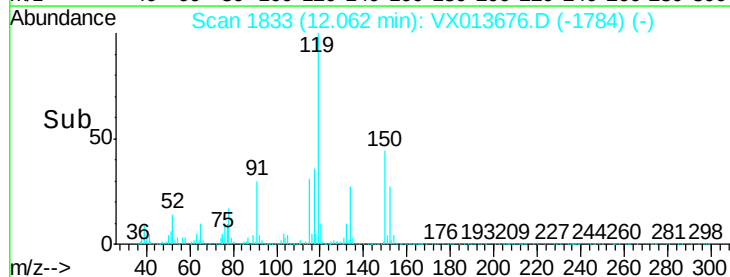
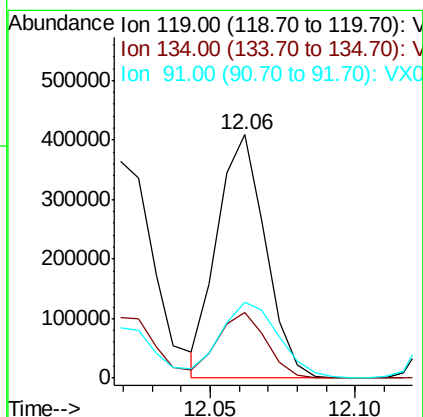
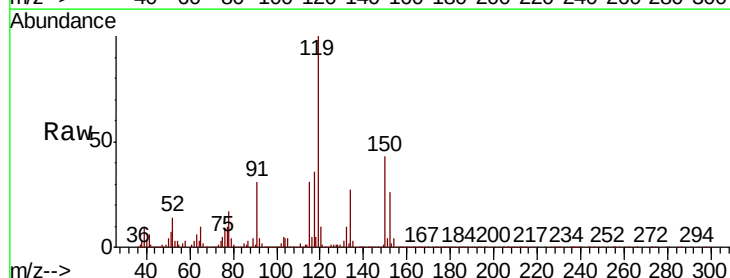
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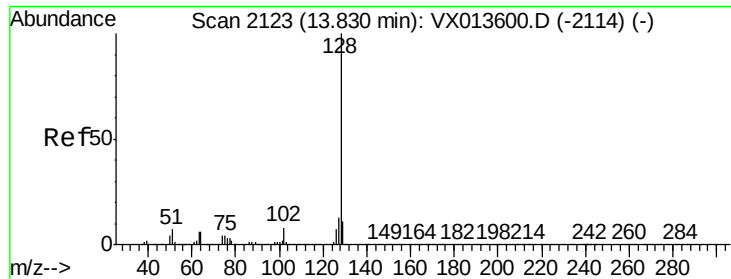
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#86
 p-Isopropyltoluene
 Concen: 16.480 ug/l m
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013676.D
 Acq: 28 Nov 2019 01:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.3	39.9
91	23.2	11.3	33.8





#95
Naphthalene
Concen: 756.907 ug/l m
RT: 13.82 min Scan# 2122
Delta R.T. -0.01 min
Lab File: VX013676.D
Acq: 28 Nov 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion:128 Resp:23790745
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 4.9 8.7 13.1#

Manual Integrations
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