

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012973.D
 Acq On : 10 Oct 2019 04:10
 Operator : JC/SP
 Sample : K5259-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1960

Manual Integrations
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 10/10/2019 9:04:35 AM

Quant Time: Oct 10 07:49:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108768	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	85238	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
50) Toluene-d8	8.71	98	337266	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.14	95	122163	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	4570m	3.984	ug/l	
31) Cyclohexane	5.57	56	266807	84.481	ug/l	97
37) Ethyl Acetate	4.83	43	18754	6.605	ug/l	99
39) Methylcyclohexane	7.46	83	178874	58.091	ug/l	93
40) Benzene	6.14	78	864899	115.332	ug/l	100
52) Toluene	8.78	92	31265	6.517	ug/l	98
64) Tetrachloroethene	9.33	164	1766	1.055	ug/l #	82
67) Ethyl Benzene	10.25	91	199002	23.373	ug/l	100
68) m/p-Xylenes	10.35	106	67669	21.274	ug/l	99
69) o-Xylene	10.69	106	7315	2.358	ug/l	98
73) Isopropylbenzene	11.01	105	131131	17.848	ug/l	100
78) n-propylbenzene	11.35	91	464499	57.454	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	54104	8.819	ug/l	96
83) tert-Butylbenzene	11.76	119	2122	0.355	ug/l #	41
84) 1,2,4-Trimethylbenzene	11.81	105	511174	82.270	ug/l	97
85) sec-Butylbenzene	11.94	105	45084	6.502	ug/l	98
86) p-Isopropyltoluene	12.06	119	11656	1.813	ug/l	92
89) n-Butylbenzene	12.38	91	35511m	6.571	ug/l	
95) Naphthalene	13.83	128	11129	1.626	ug/l #	87

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

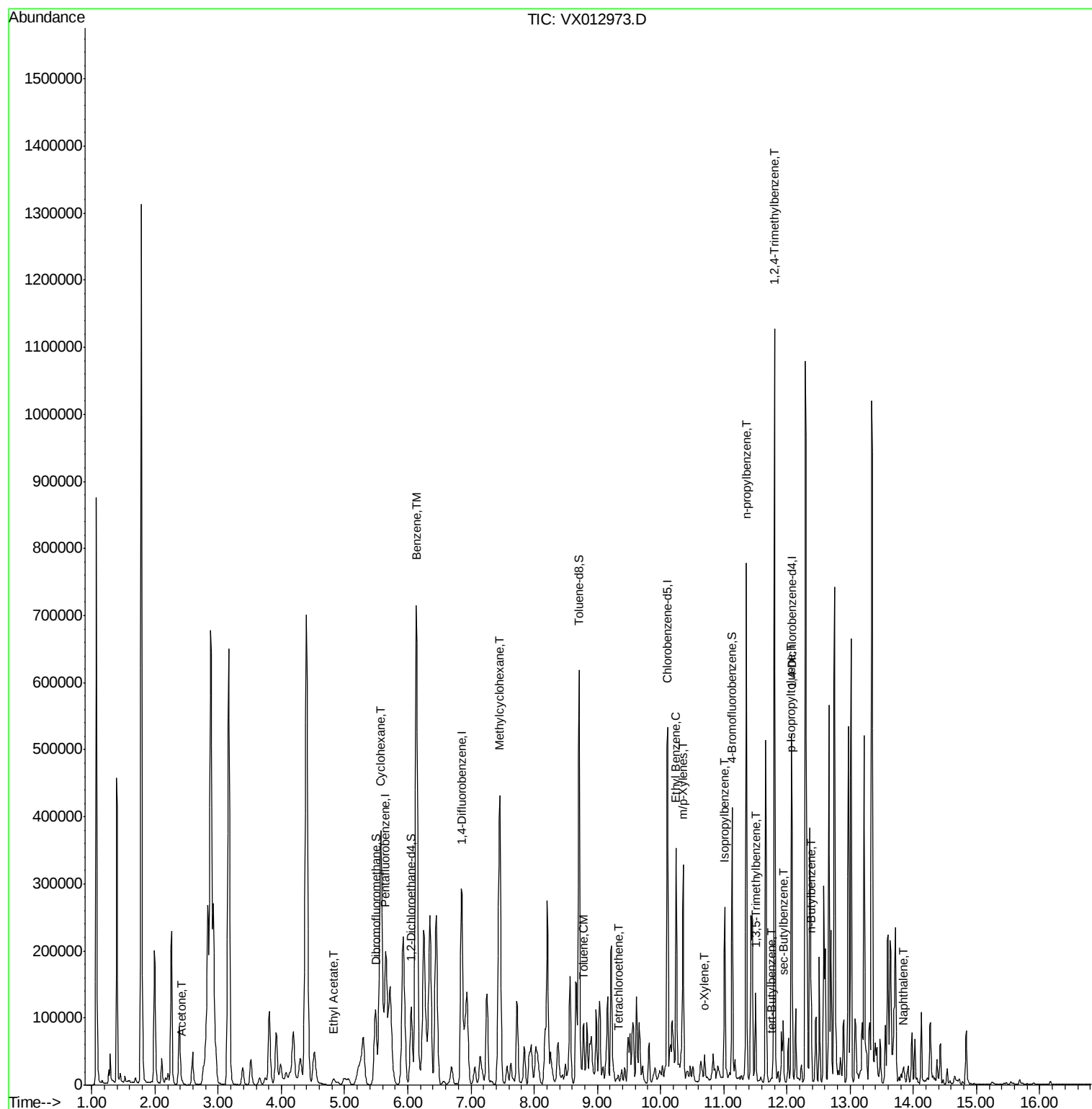
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100919\
Data File : VX012973.D
Acq On : 10 Oct 2019 04:10
Operator : JC/SP
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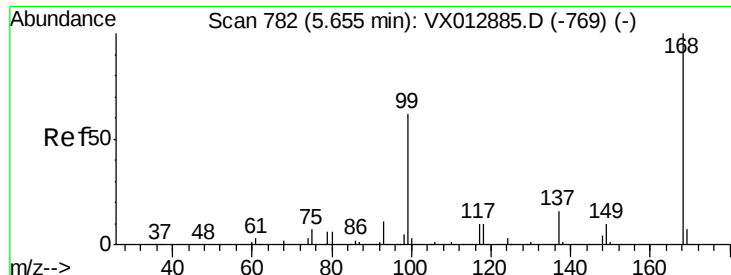
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

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Quant Time: Oct 10 07:49:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1960

Tot Ion:168 Resp: 174095

Ion Ratio Lower Upper

168 100

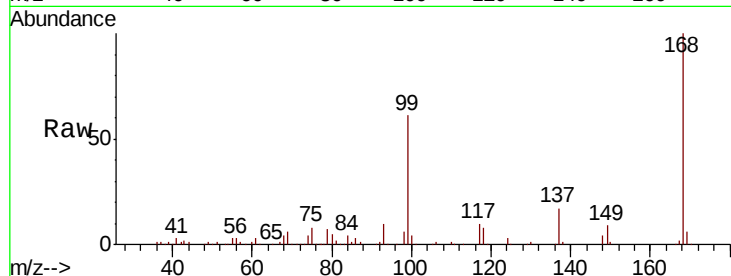
99 61.3 49.4 74.0

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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

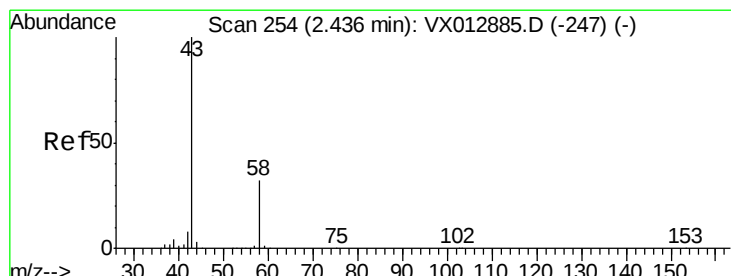
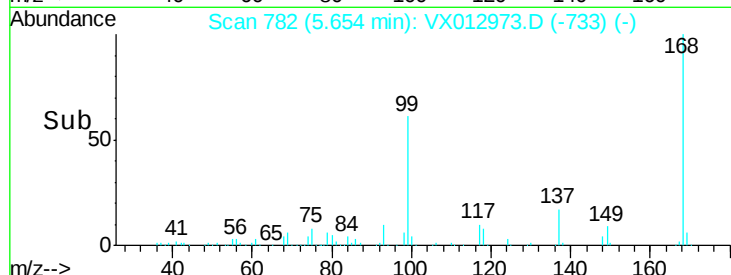
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.984 ug/l m

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012973.D

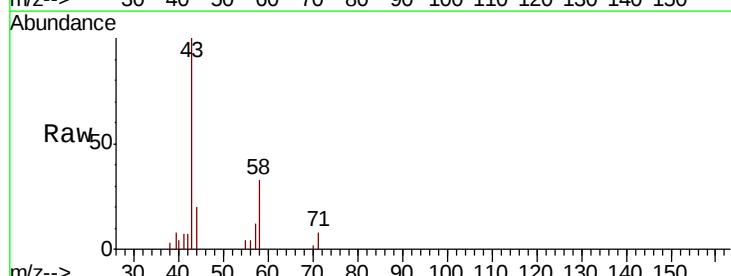
Acq: 10 Oct 2019 04:10

Tgt Ion: 43 Resp: 4570

Ion Ratio Lower Upper

43 100

58 32.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

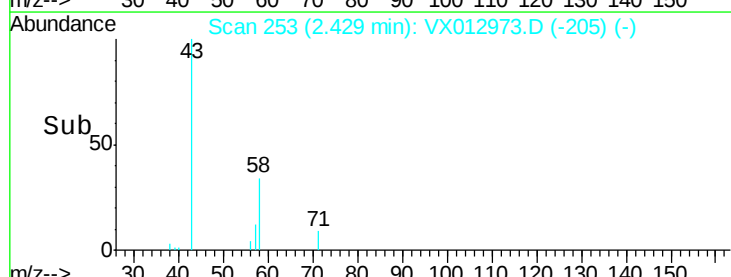
15000

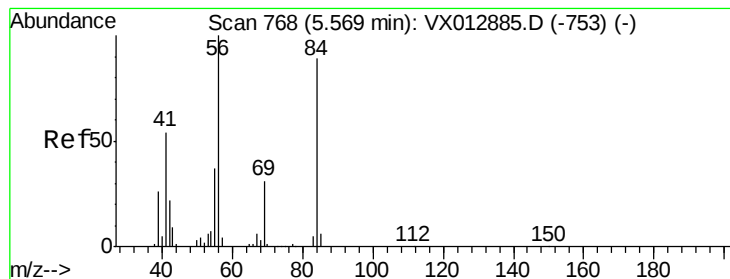
10000

5000

0

Time--> 2.40 2.45





#31

Cyclohexane

Concen: 84.481 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

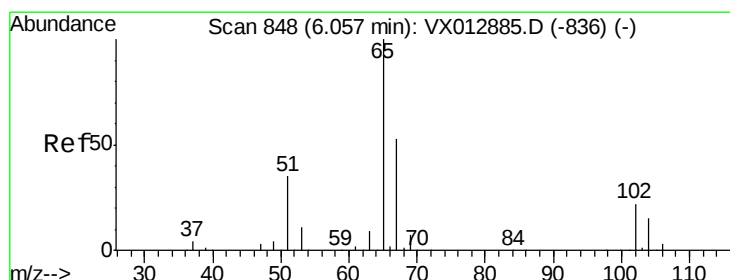
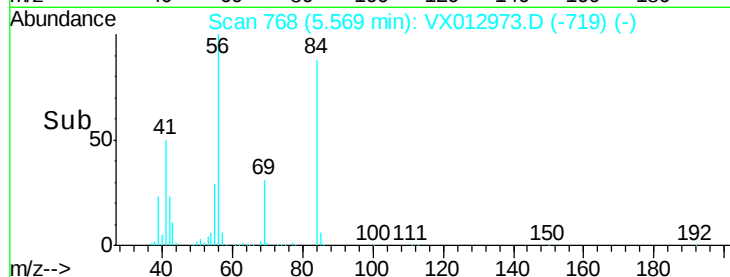
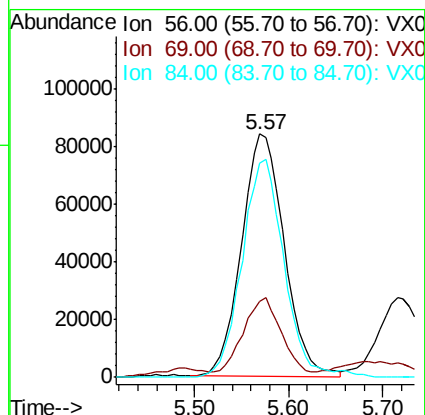
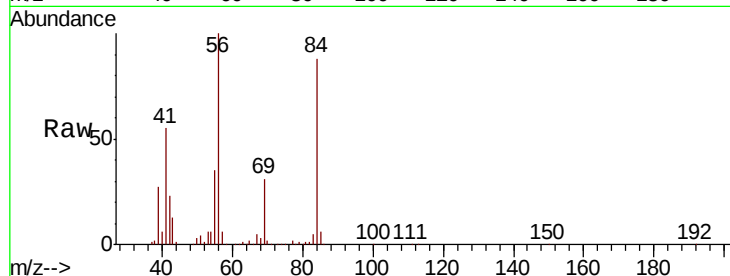
ClientSampleId :

FA19-JMW1960

Tot Ion:	56	Resp:	266807
Ion	Ratio	Lower	Upper
56	100		
69	27.8	25.2	37.8
84	88.1	71.3	106.9

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#33

1,2-Dichloroethane-d4

Concen: 49.986 ug/l

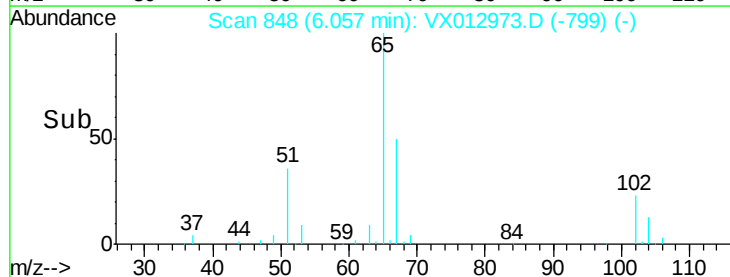
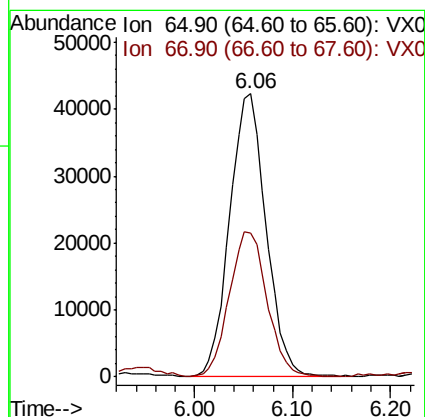
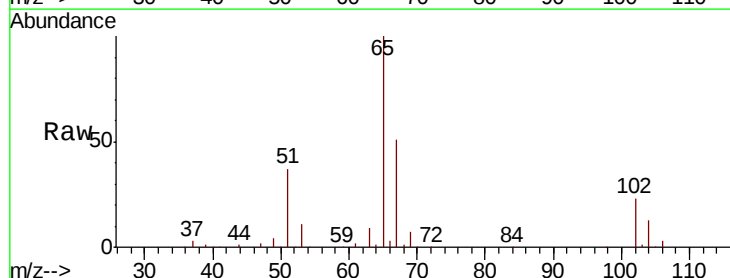
RT: 6.06 min Scan# 848

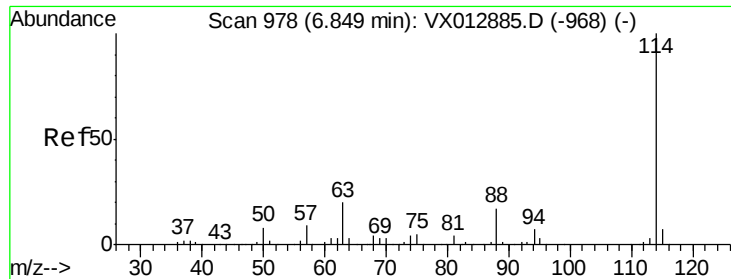
Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Tgt Ion:	65	Resp:	108768
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.4





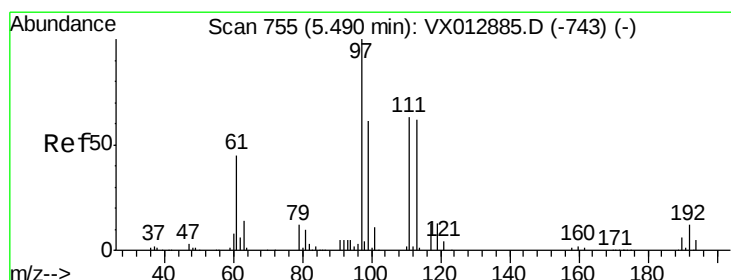
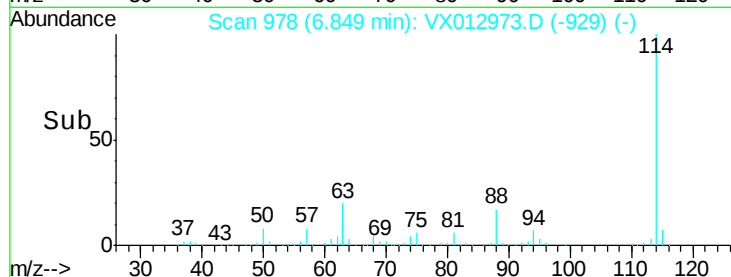
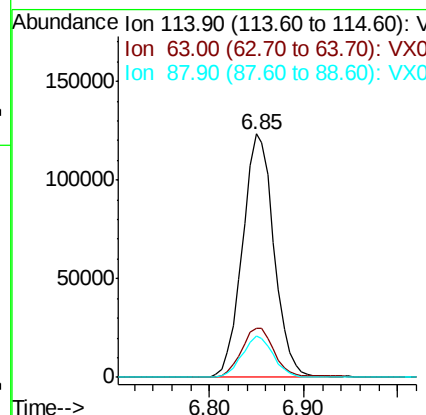
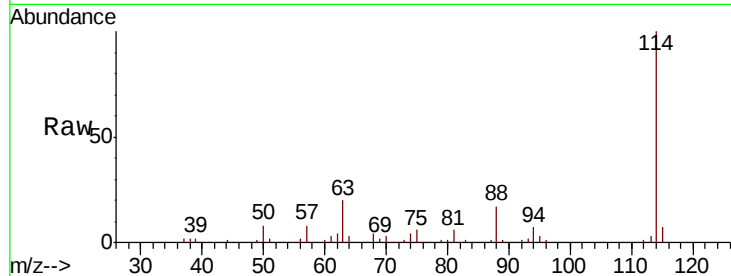
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion	Ratio	Resp	Lower	Upper
114	100	288793		
63	20.1		0.0	40.8
88	17.0		0.0	33.8

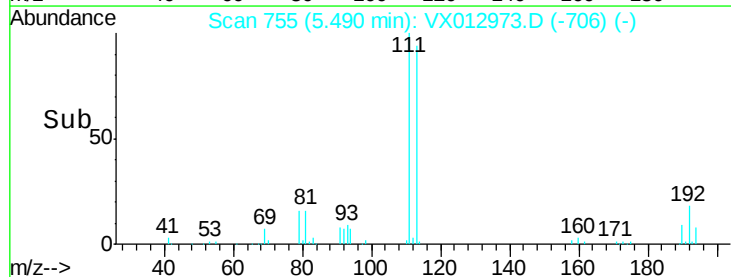
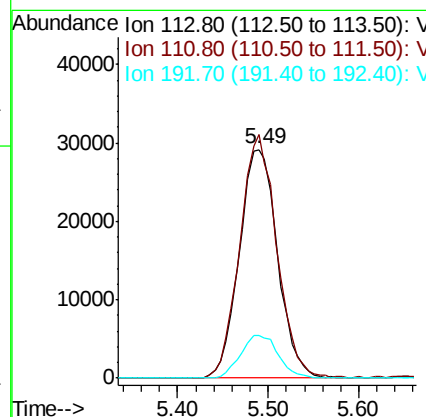
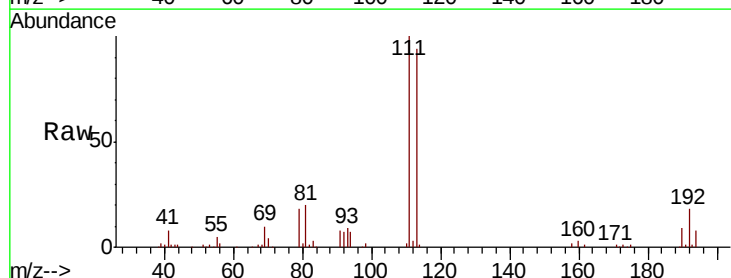
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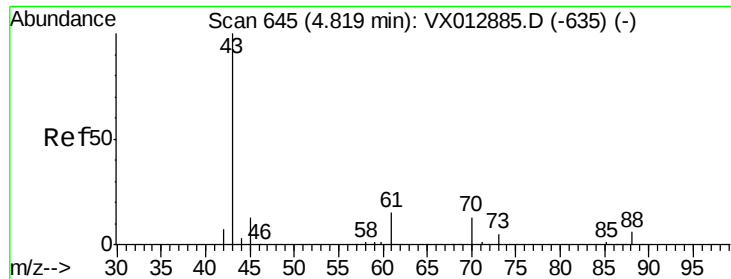
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#35
Dibromofluoromethane
Concen: 51.425 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	85238		
111	103.0		83.2	124.8
192	18.5		15.4	23.2





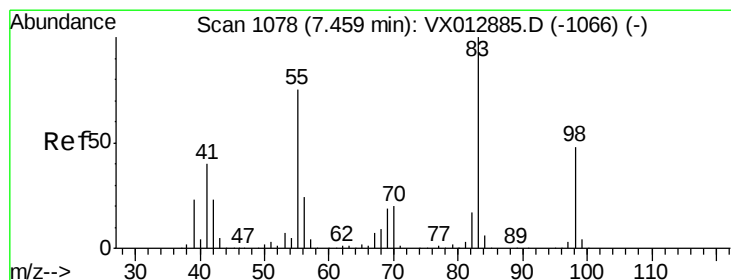
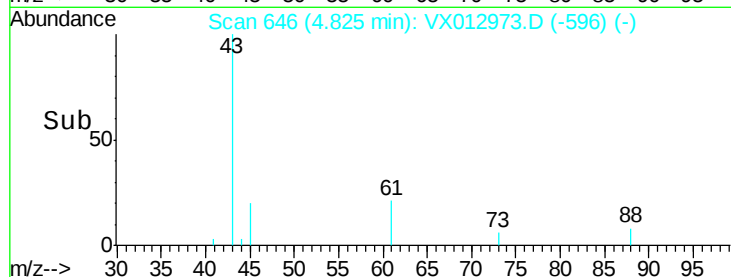
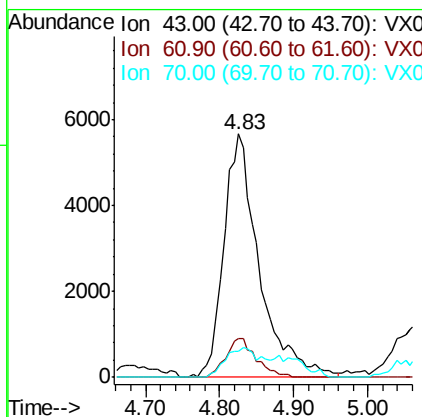
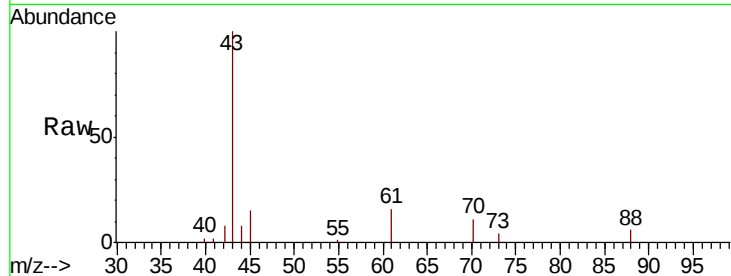
#37
Ethyl Acetate
Concen: 6.605 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.4	17.0
70	12.3	9.8	14.6

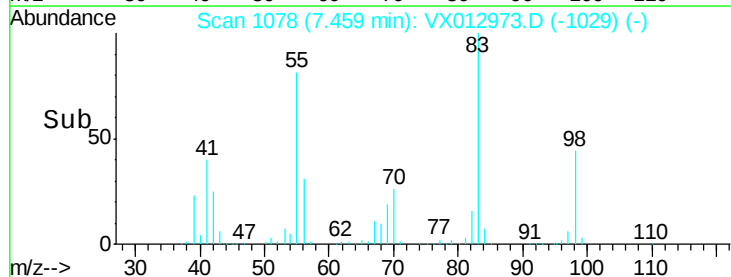
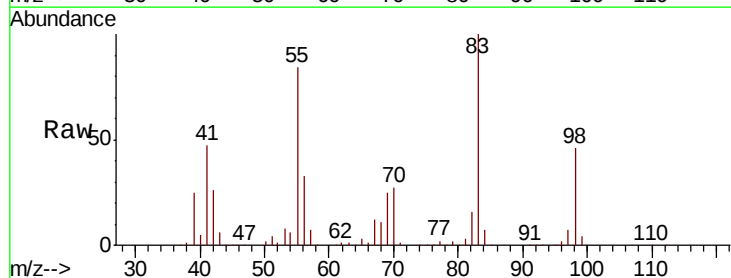
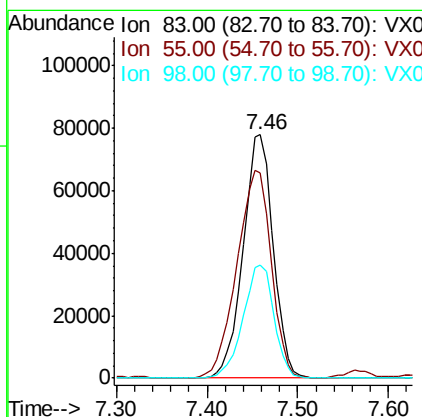
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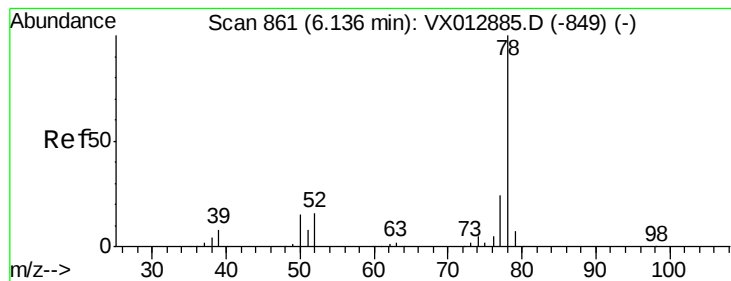
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#39
Methylcyclohexane
Concen: 58.091 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.2	60.2	90.4
98	46.3	38.5	57.7





#40

Benzene

Concen: 115.332 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1960

Tot Ion: 78 Resp: 864899

Ion Ratio Lower Upper

78 100

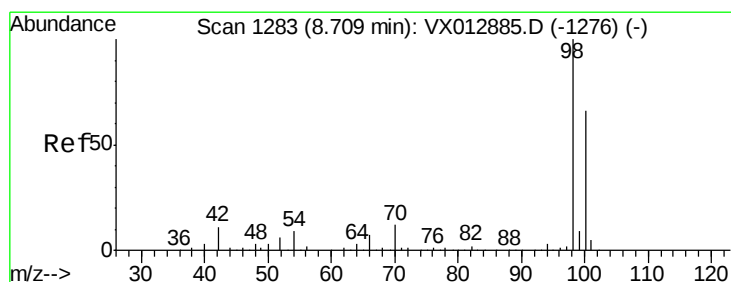
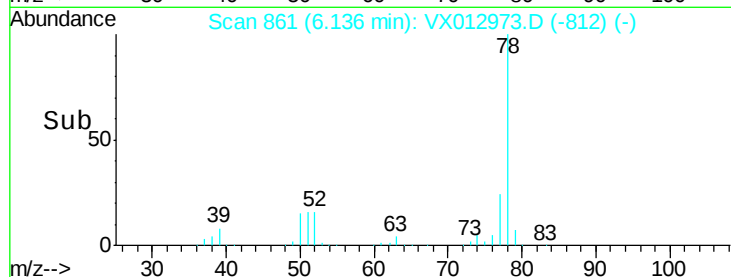
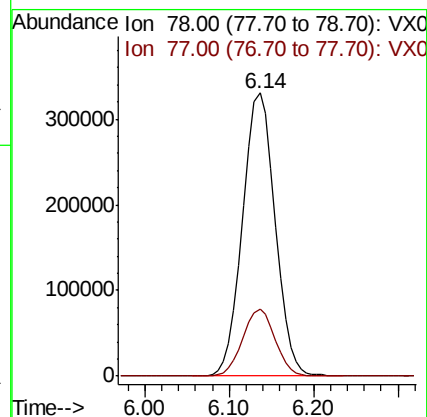
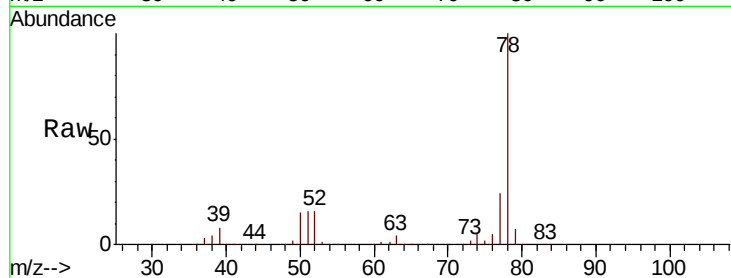
77 23.6 19.0 28.4

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10/10/2019 9:04:35 AM



#50

Toluene-d8

Concen: 52.170 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012973.D

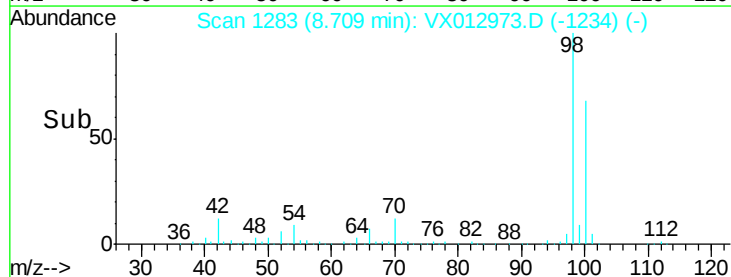
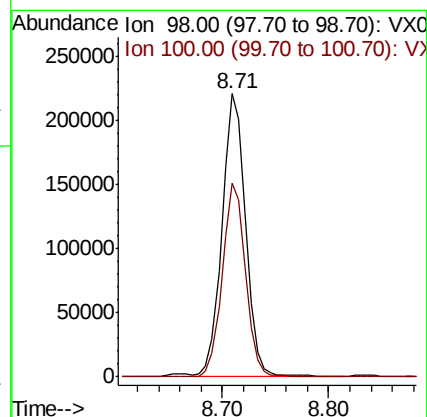
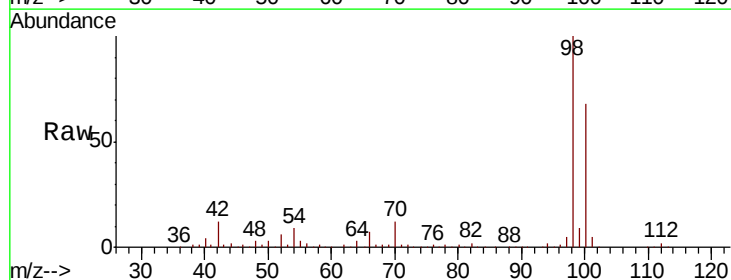
Acq: 10 Oct 2019 04:10

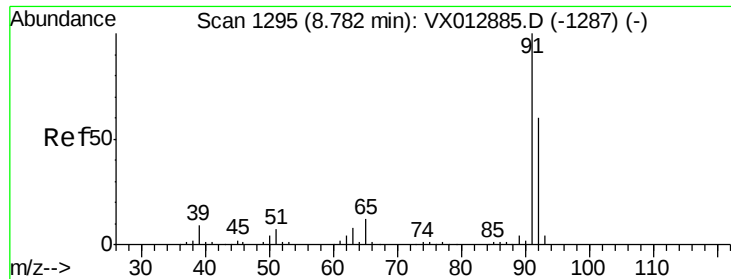
Tgt Ion: 98 Resp: 337266

Ion Ratio Lower Upper

98 100

100 68.1 53.4 80.2





#52

Toluene

Concen: 6.517 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1960

Tot Ion: 92 Resp: 31265

Ion Ratio Lower Upper

92 100

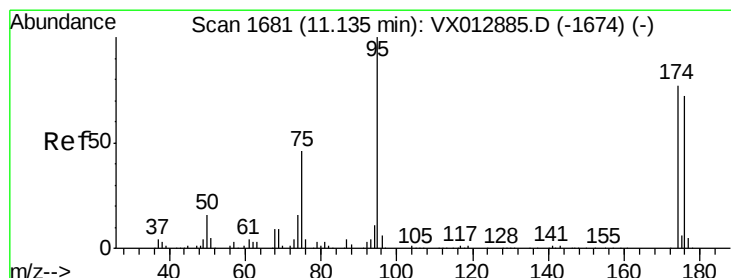
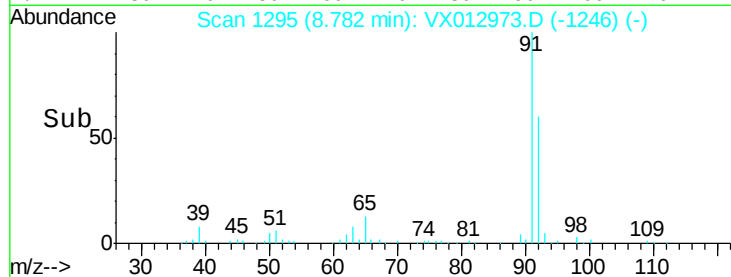
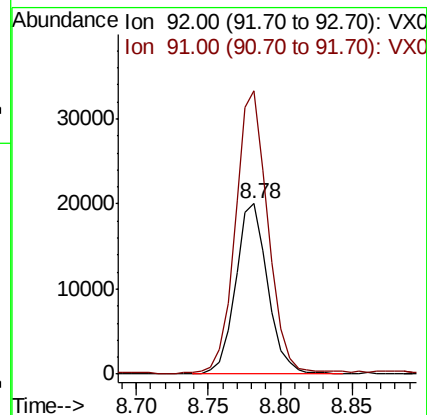
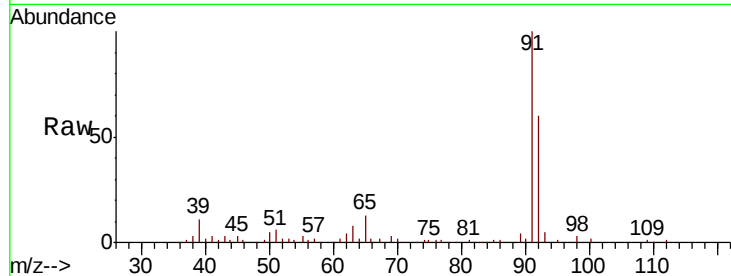
91 167.3 135.9 203.9

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#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

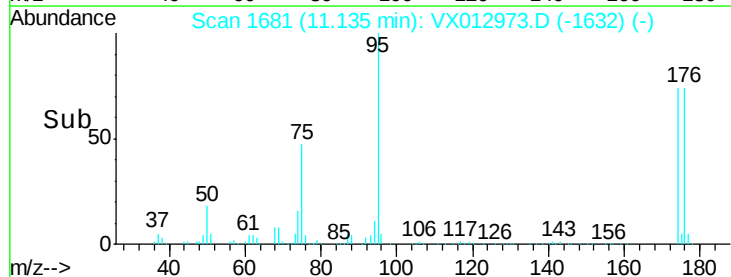
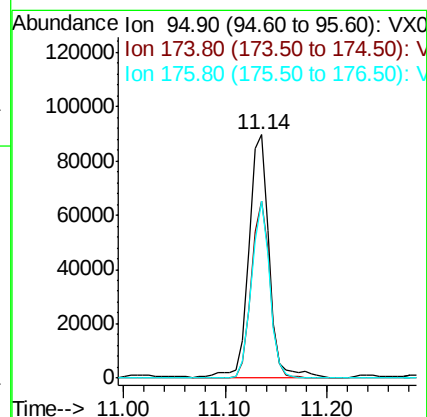
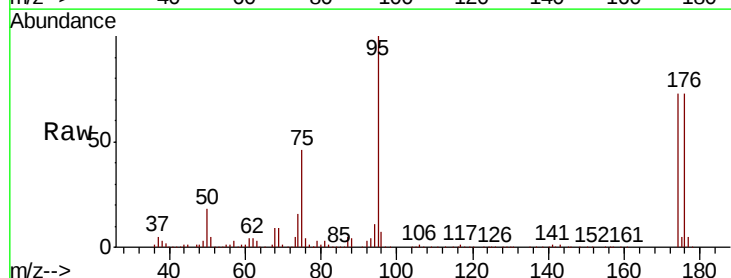
Tgt Ion: 95 Resp: 122163

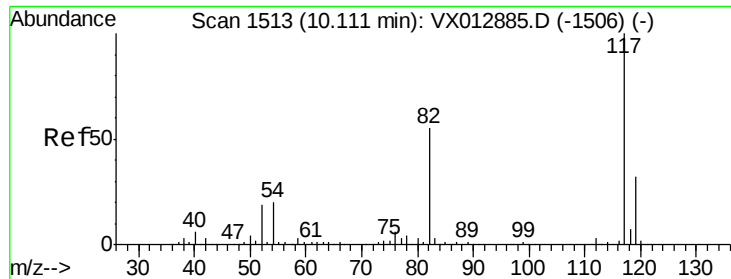
Ion Ratio Lower Upper

95 100

174 67.7 0.0 143.4

176 66.0 0.0 136.0





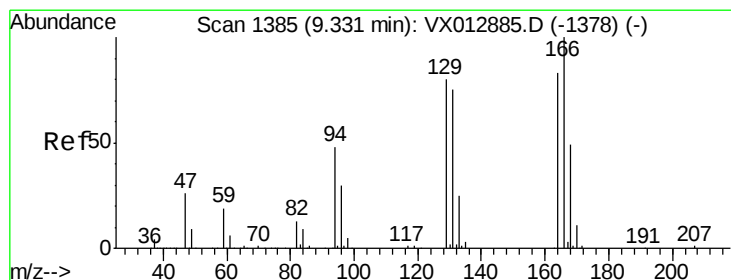
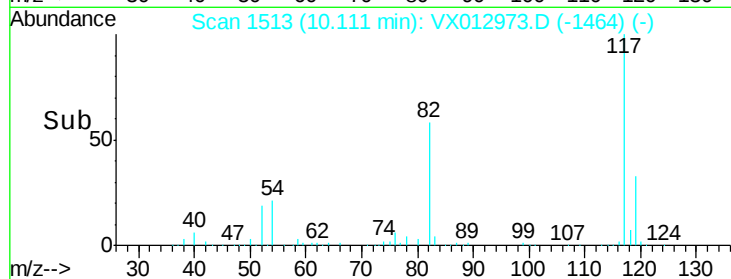
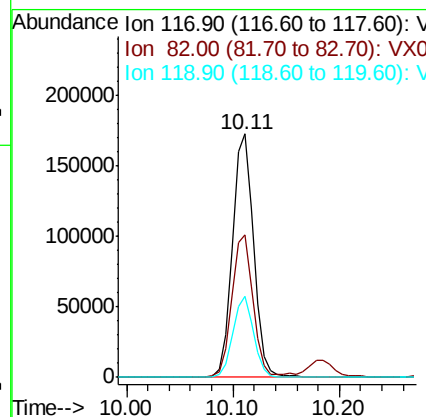
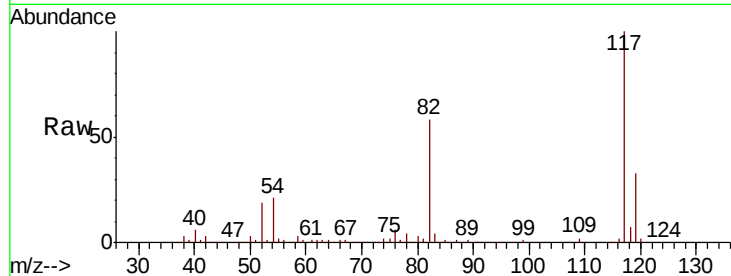
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion	Ratio	Resp	Lower	Upper
117	100	241374		
82	58.1	44.1	66.1	
119	33.1	25.8	38.8	

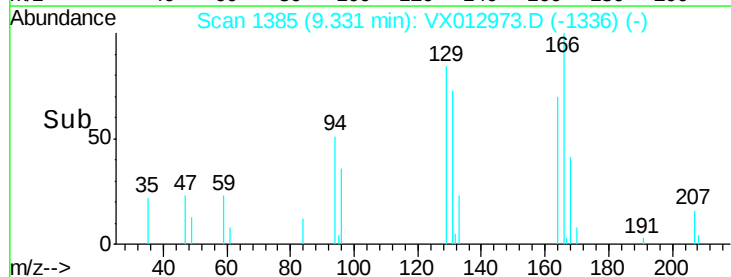
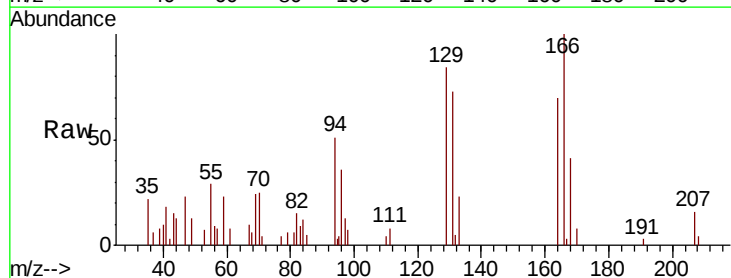
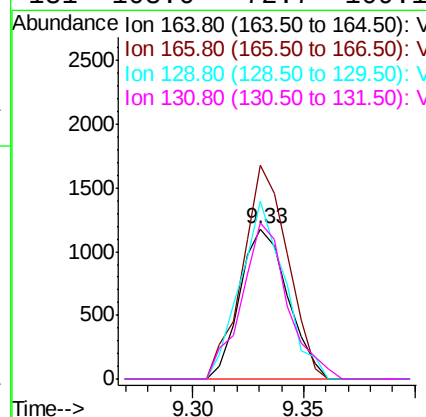
Manual Integrations
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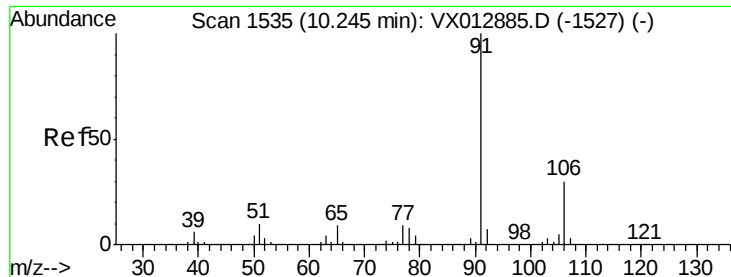
MMDadoda
10/10/2019 9:04:35 AM



#64
Tetrachloroethene
Concen: 1.055 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1766		
166	142.0	96.9	145.3	
129	118.6	77.9	116.9	
131	103.6	72.7	109.1	





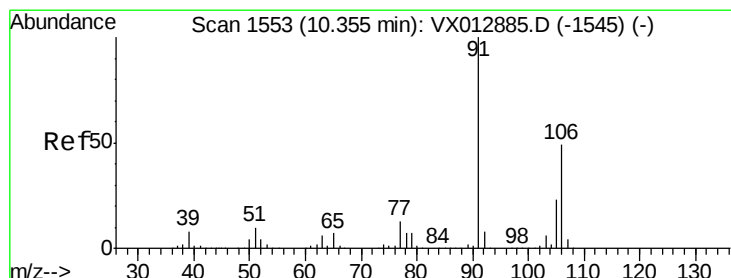
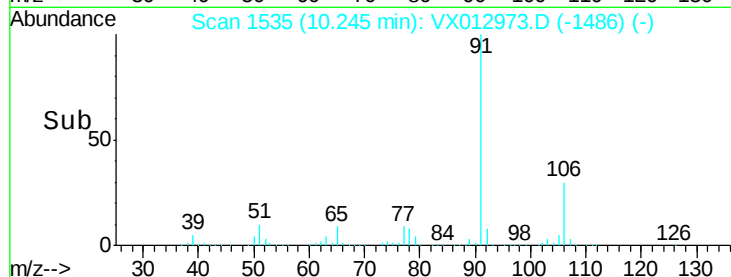
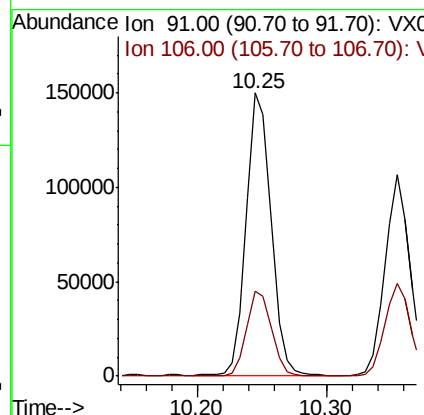
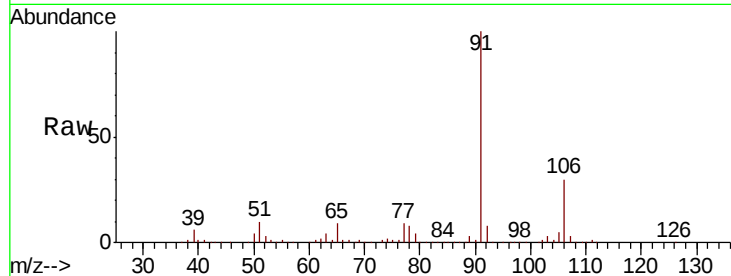
#67
Ethyl Benzene
Concen: 23.373 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion: 91 Resp: 199002
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

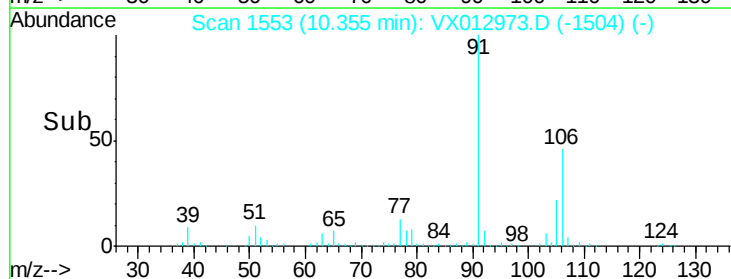
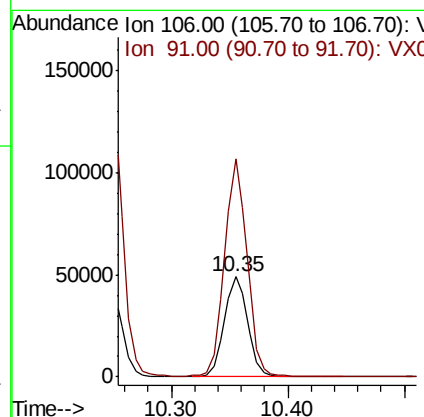
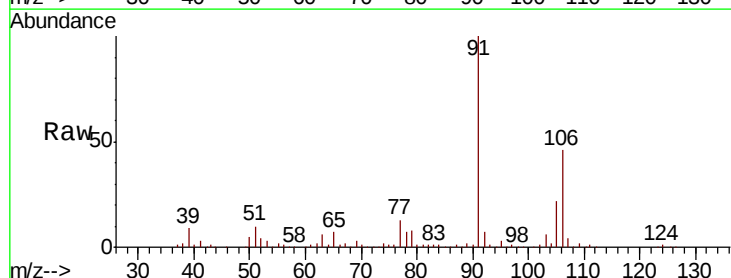
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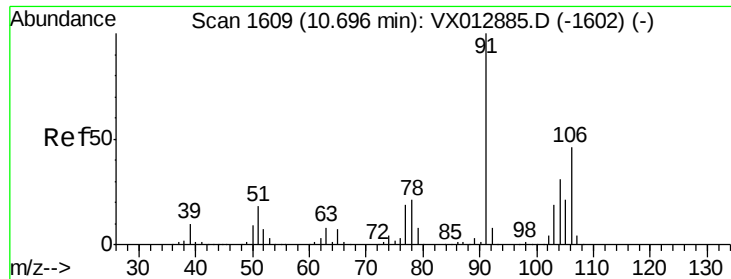
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#68
m/p-Xylenes
Concen: 21.274 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 106 Resp: 67669
Ion Ratio Lower Upper
106 100
91 208.5 165.3 247.9





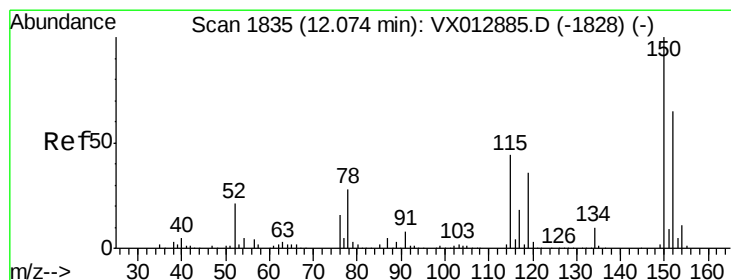
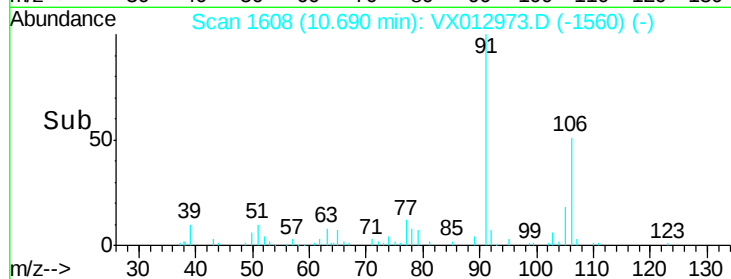
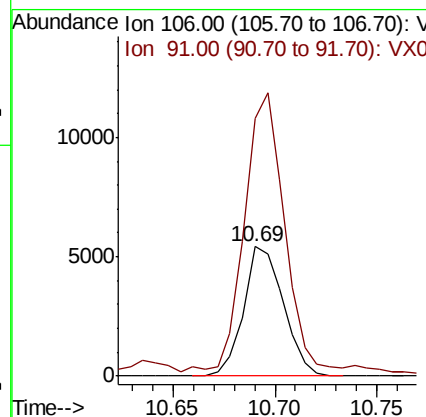
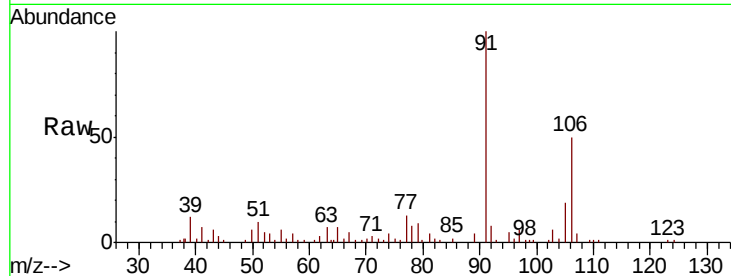
#69
o-Xylene
Concen: 2.358 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion:106 Resp: 7315
Ion Ratio Lower Upper
106 100
91 214.3 109.1 327.3

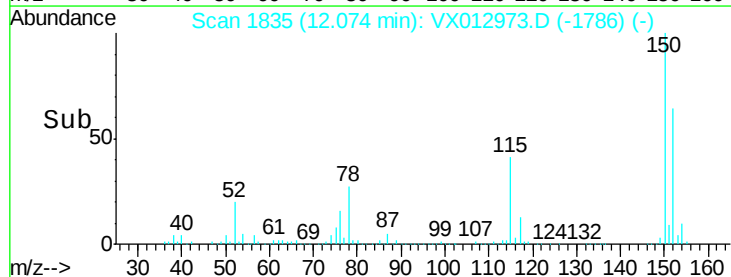
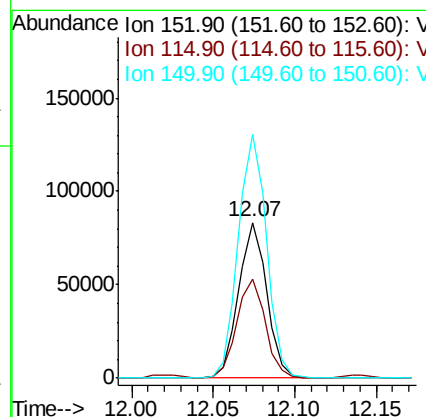
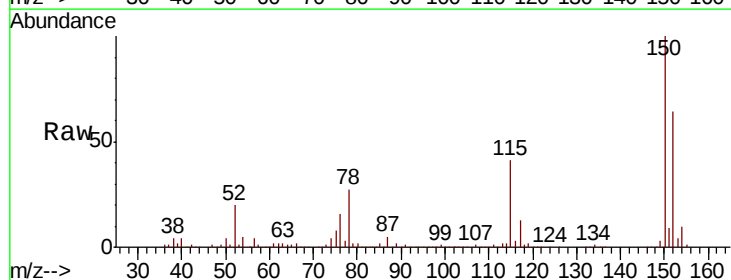
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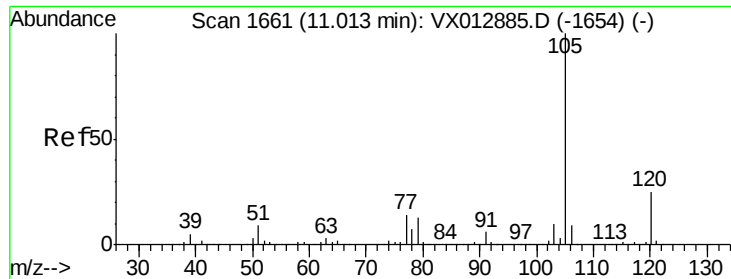
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion:152 Resp: 99933
Ion Ratio Lower Upper
152 100
115 64.3 44.5 133.5
150 158.5 0.0 353.4





#73

Isopropylbenzene

Concen: 17.848 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1960

Tot Ion: 105 Resp: 131131

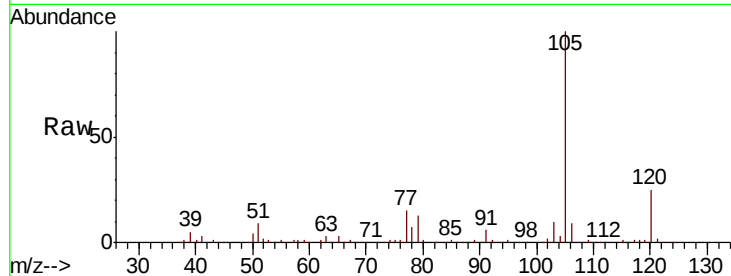
Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0

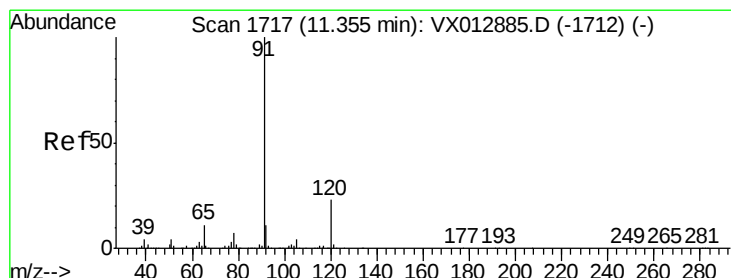
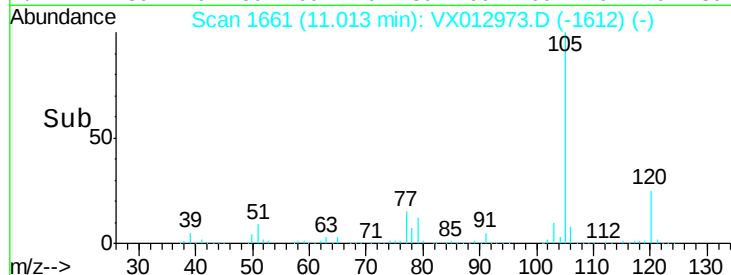
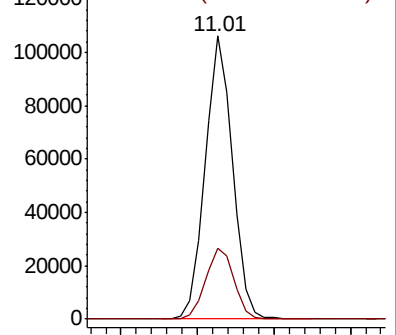
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 57.454 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012973.D

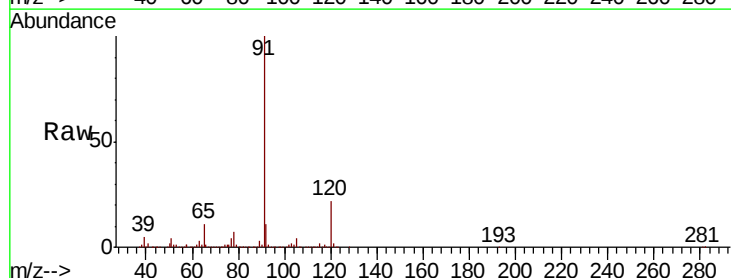
Acq: 10 Oct 2019 04:10

Tgt Ion: 91 Resp: 464499

Ion Ratio Lower Upper

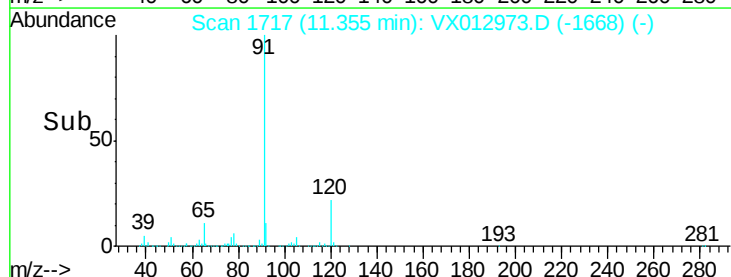
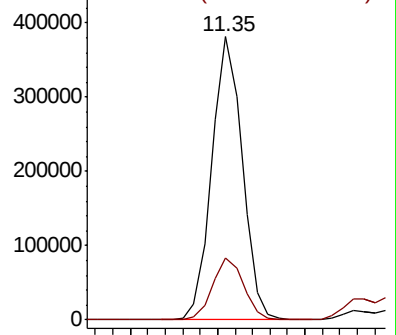
91 100

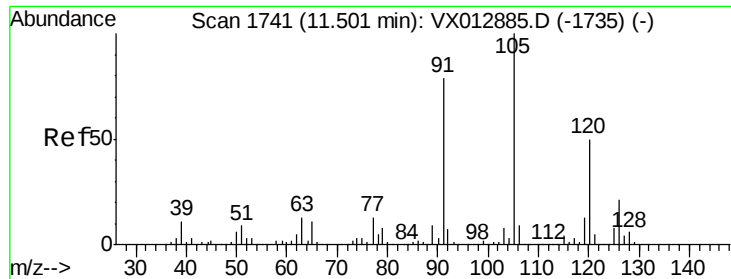
120 22.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





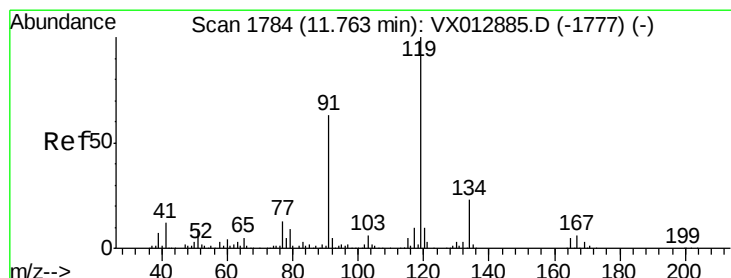
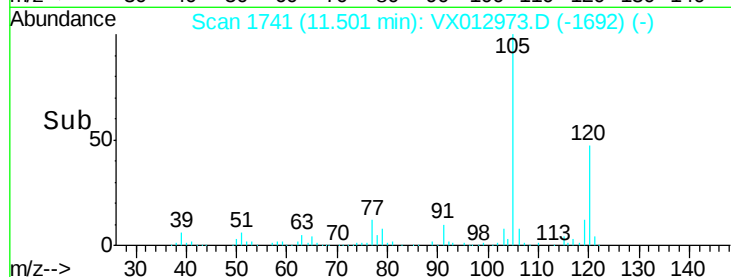
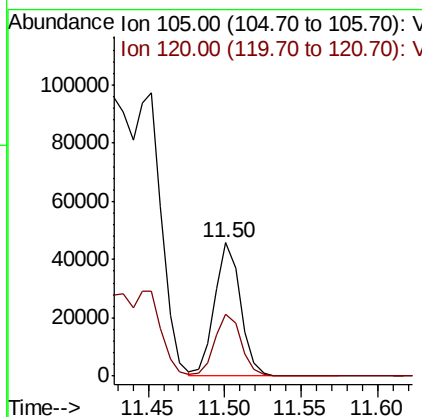
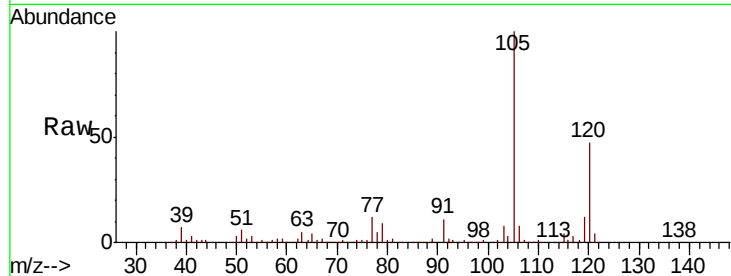
#80
1,3,5-Trimethylbenzene
Concen: 8.819 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion:105 Resp: 54104
Ion Ratio Lower Upper
105 100
120 47.0 24.8 74.3

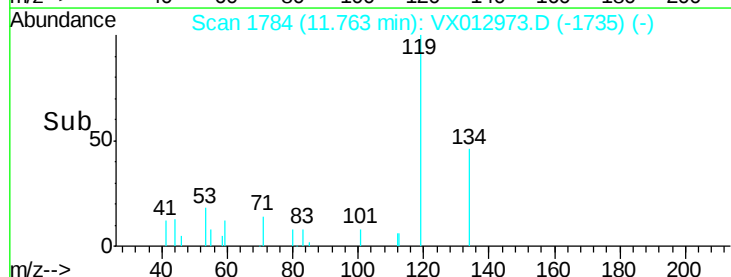
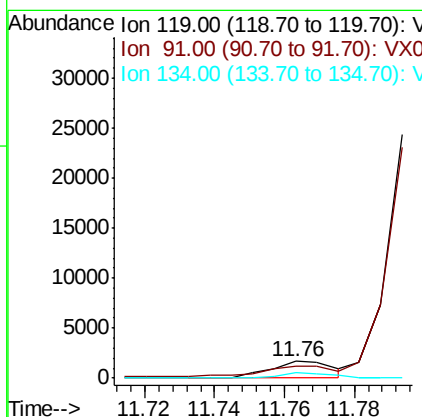
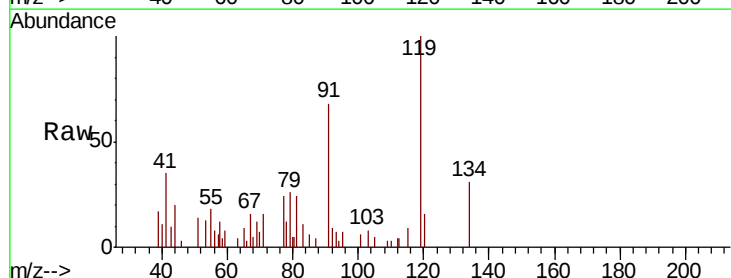
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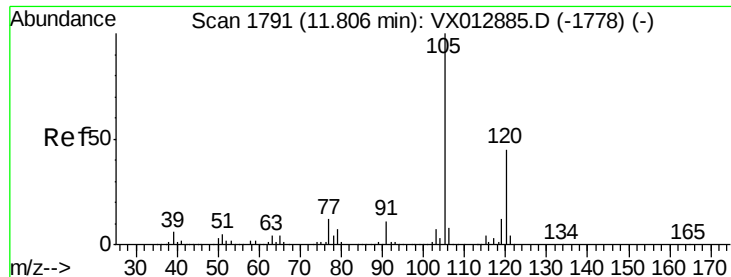
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#83
tert-Butylbenzene
Concen: 0.355 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion:119 Resp: 2122
Ion Ratio Lower Upper
119 100
91 0.0 29.3 87.9#
134 28.0 11.5 34.4





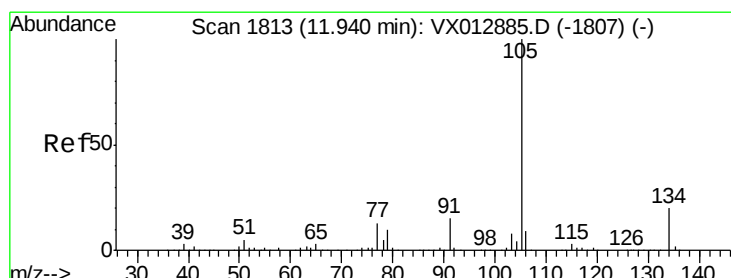
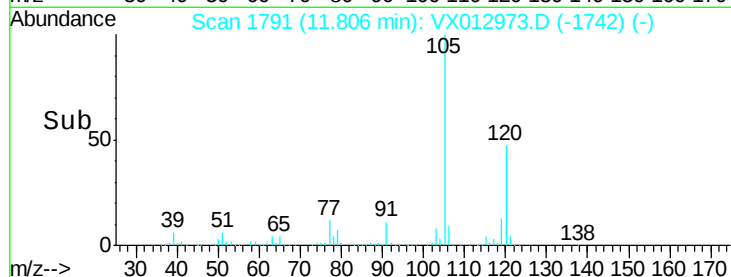
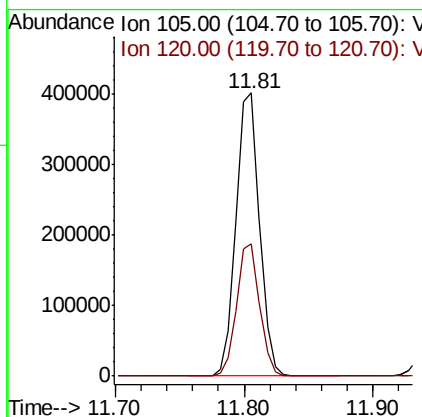
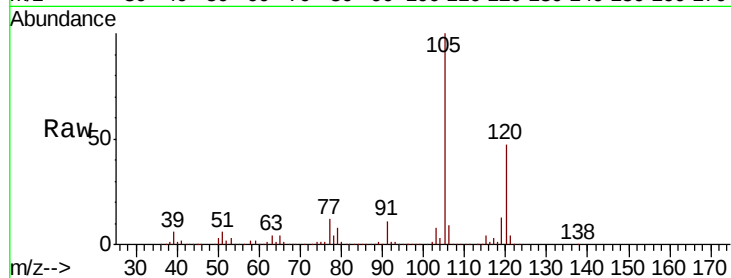
#84
 1,2,4-Trimethylbenzene
 Concen: 82.270 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1960

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.6	21.8	65.3

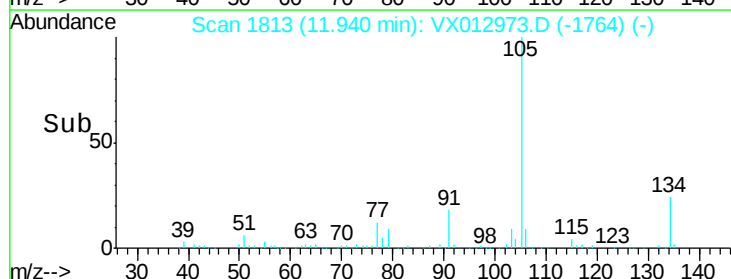
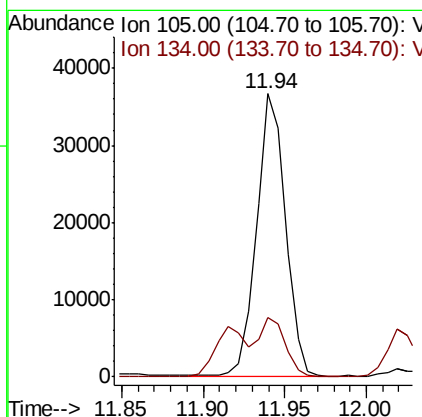
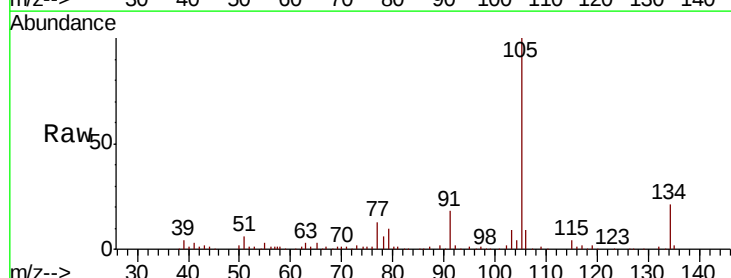
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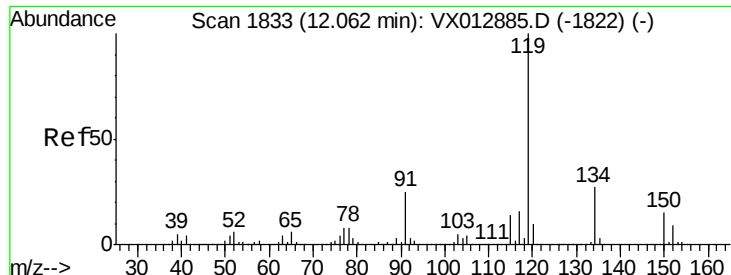
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#85
 sec-Butylbenzene
 Concen: 6.502 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.2	10.0	30.0





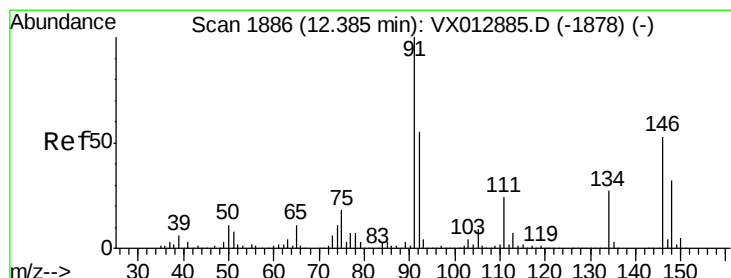
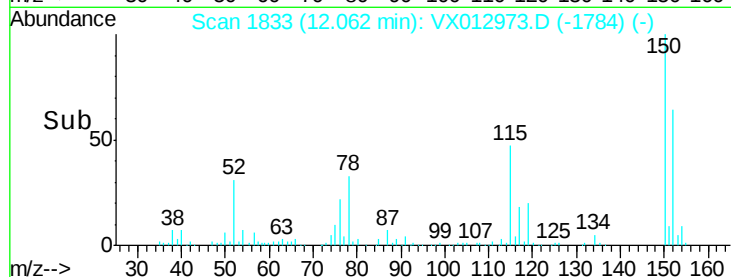
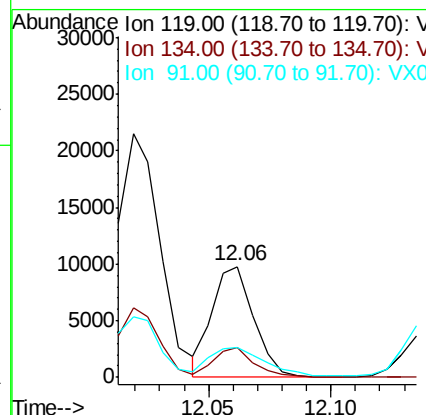
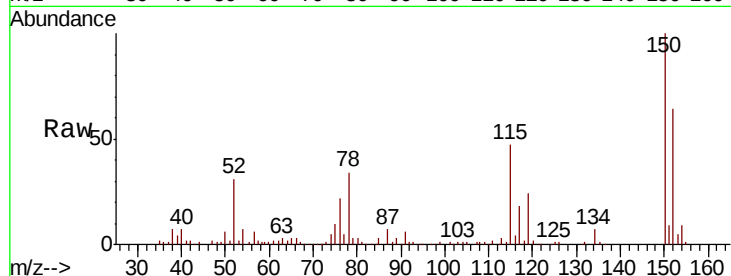
#86
p-Isopropyltoluene
Concen: 1.813 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	32.0	12.4	37.4

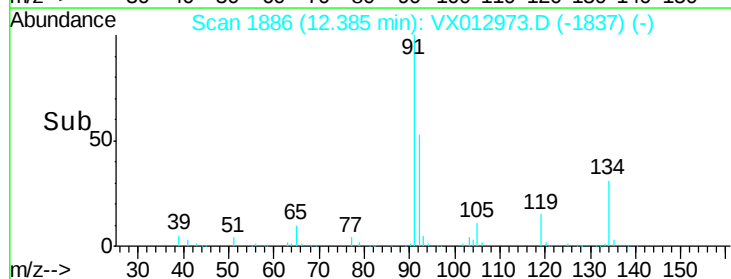
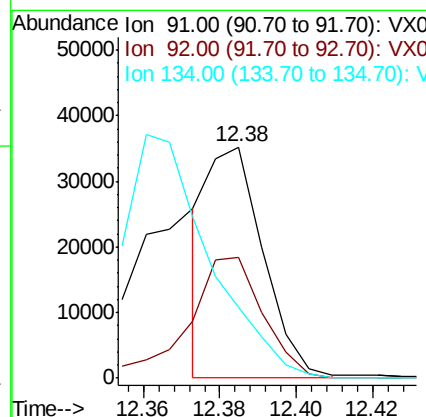
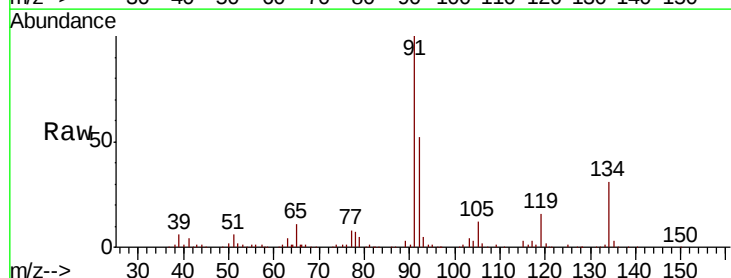
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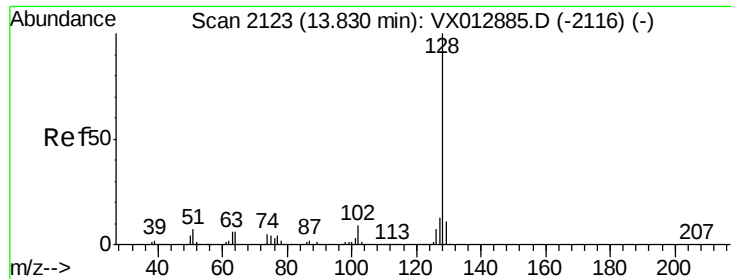
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#89
n-Butylbenzene
Concen: 6.571 ug/l m
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	71.8	27.5	82.5
134	0.0	12.9	38.7#





#95
Naphthalene
Concen: 1.626 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1960

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.2	15.4#
129	15.4	8.8	13.2#

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