

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015267.D
 Acq On : 21 Apr 2020 17:13
 Operator : SY/VA
 Sample : L2283-06
 Misc : 5.19G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-1-1

Manual Integrations
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MMDadoda
 4/22/2020 11:42:08 AM

Quant Time: Apr 22 07:18:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	303924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85921	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.89	113	89576	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.32	98	355677	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	122374	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	11747	83.773	ug/l #	93
16) Acetone	4.14	43	42111	140.158	ug/l	96
17) Carbon Disulfide	4.39	76	22415	4.204	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	5099	1.238	ug/l	99
25) 2-Butanone	7.18	43	31409	78.794	ug/l	94
52) Toluene	10.39	92	6333	1.235	ug/l	97
67) Ethyl Benzene	11.73	91	46110	4.853	ug/l	99
68) m/p-Xylenes	11.83	106	14784	3.969	ug/l	100
69) o-Xylene	12.16	106	15248	4.386	ug/l	97
73) Isopropylbenzene	12.46	105	303351	35.306	ug/l	98
78) n-propylbenzene	12.80	91	24276	2.427	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	23121	3.124	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	119993	16.437	ug/l	99
85) sec-Butylbenzene	13.38	105	19912	2.229	ug/l #	77
86) p-Isopropyltoluene	13.50	119	181331	21.843	ug/l	99
89) n-Butylbenzene	13.82	91	11738m	1.547	ug/l	
95) Naphthalene	15.36	128	182489	47.886	ug/l	99

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

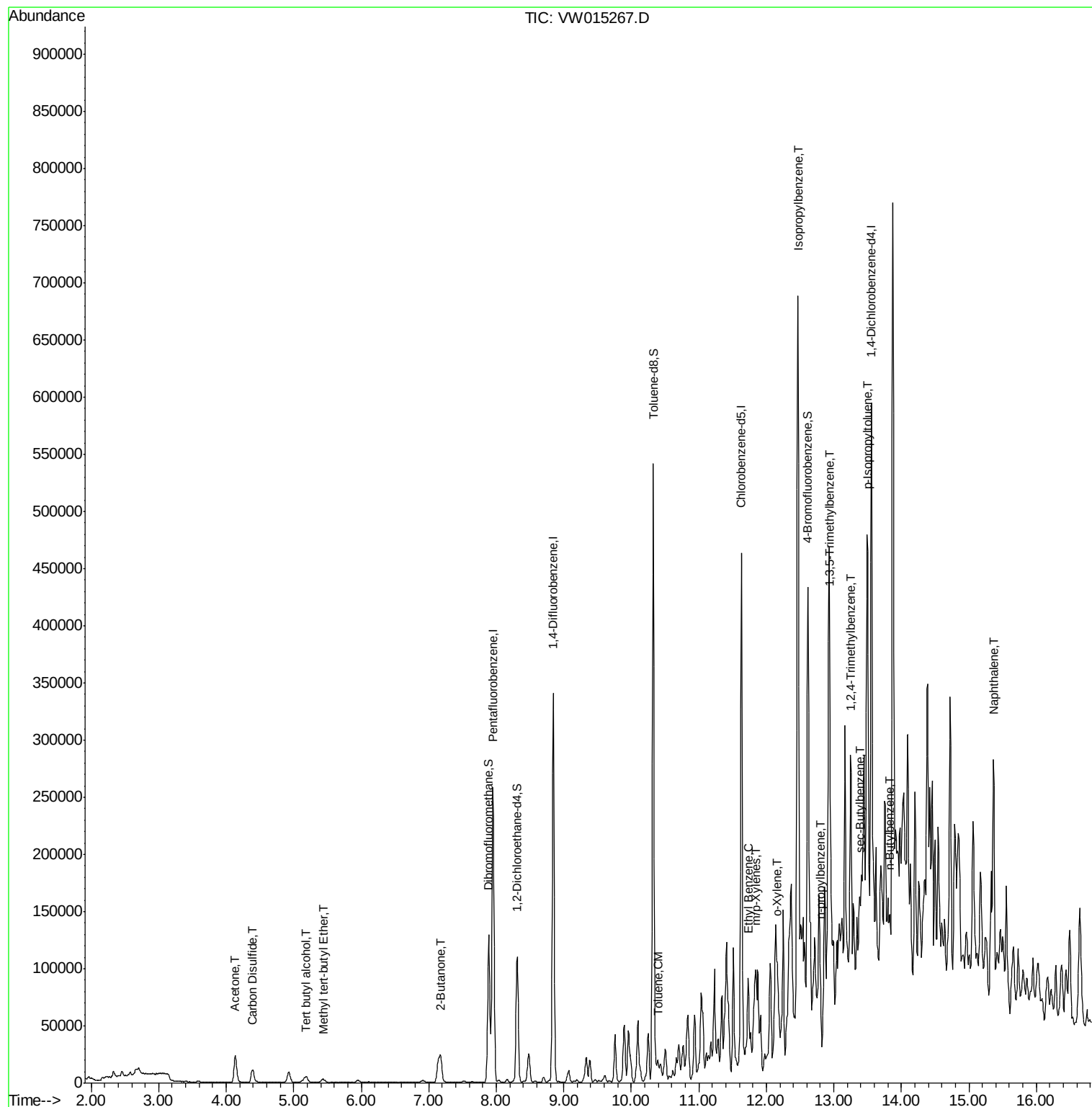
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015267.D
Acq On : 21 Apr 2020 17:13
Operator : SY/VA
Sample : L2283-06
Misc : 5.19G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

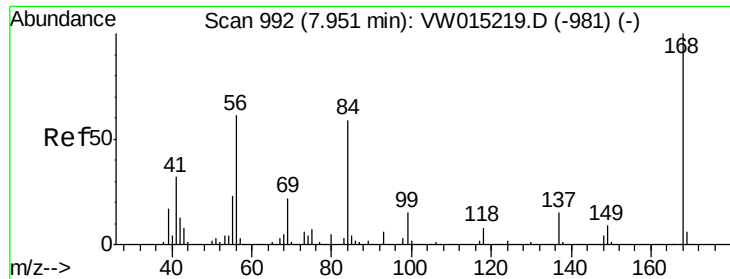
Instrument :
MSVOA_W
ClientSampleId :
WB-1-1

Manual Integrations
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Quant Time: Apr 22 07:18:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015267.D

Acq: 21 Apr 2020 17:13

Instrument :

MSVOA_W

ClientSampled :

WB-1-1

Tot Ion:168 Resp: 210358

Ion Ratio Lower Upper

168 100

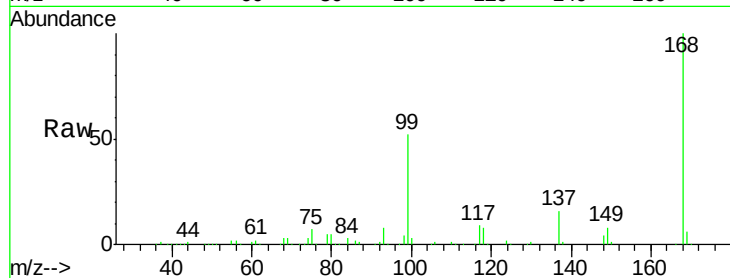
99 51.9 48.5 72.7

Manual Integrations

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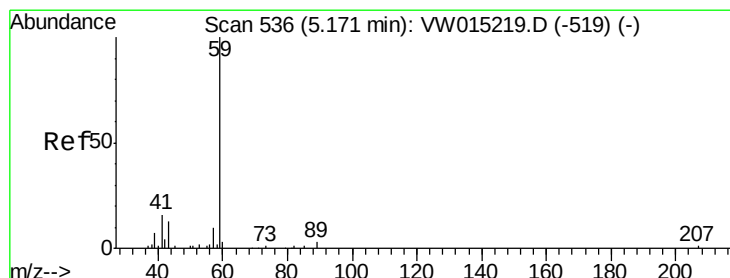
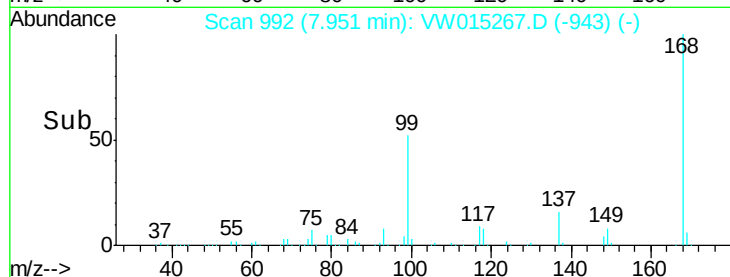
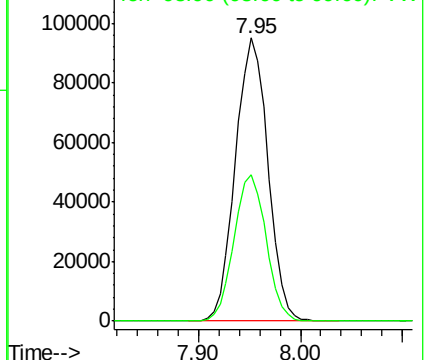
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 83.773 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW015267.D

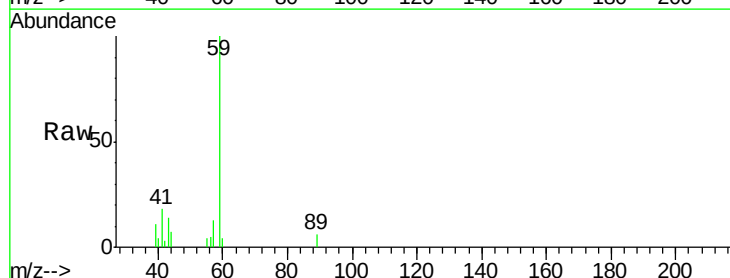
Acq: 21 Apr 2020 17:13

Tgt Ion: 59 Resp: 11747

Ion Ratio Lower Upper

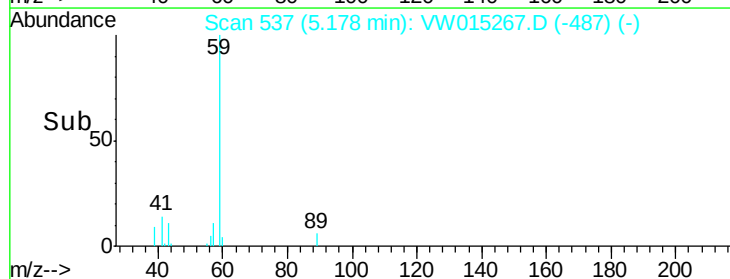
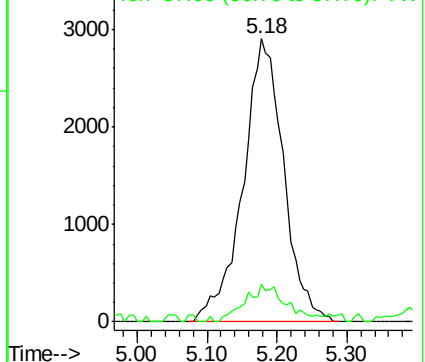
59 100

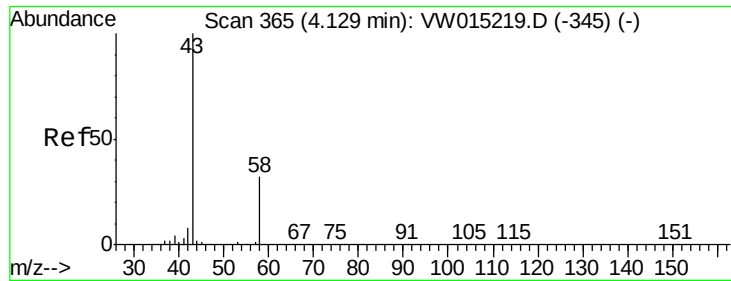
57 13.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





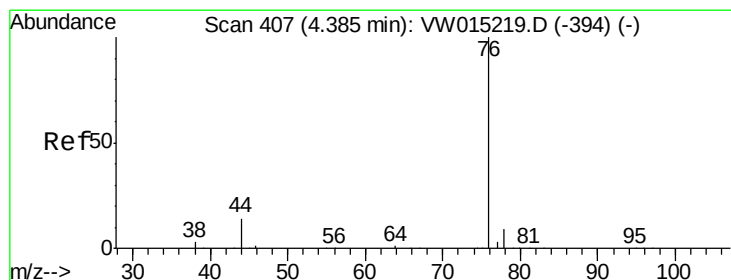
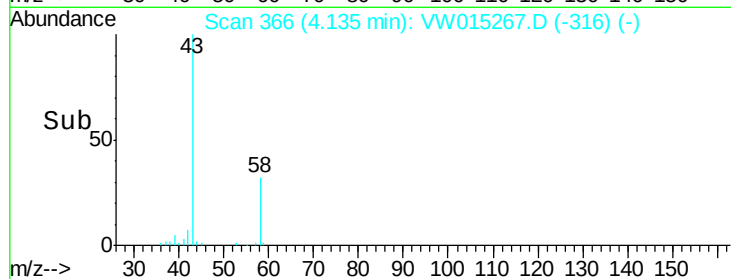
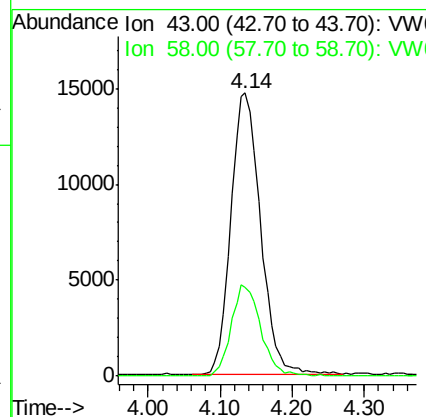
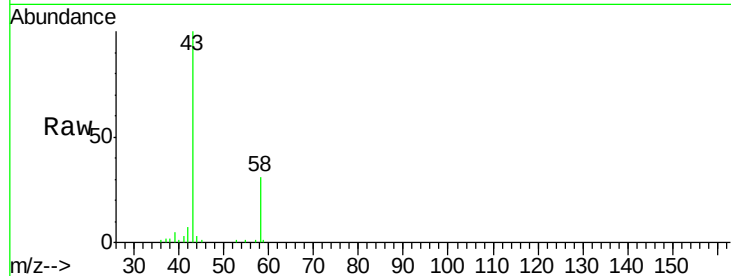
#16
Acetone
Concen: 140.158 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Instrument :
MSVOA_W
ClientSampled :
WB-1-1

Tot Ion: 43 Resp: 42111
Ion Ratio Lower Upper
43 100
58 31.6 27.0 40.4

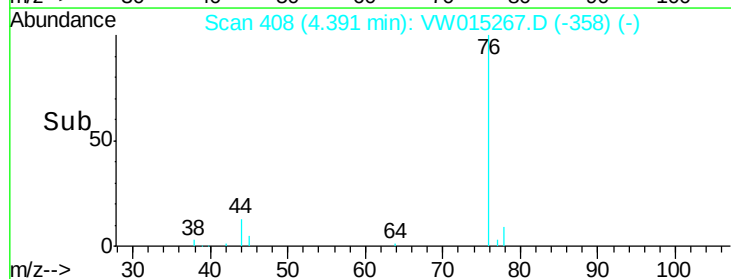
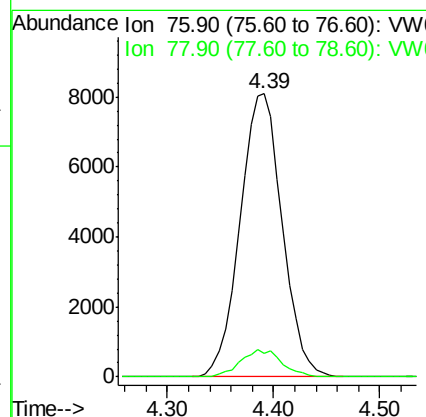
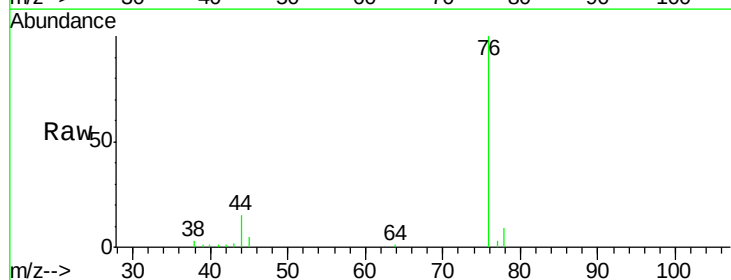
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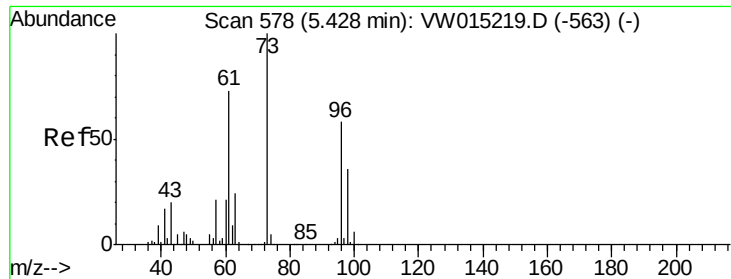
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#17
Carbon Disulfide
Concen: 4.204 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Tgt Ion: 76 Resp: 22415
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6





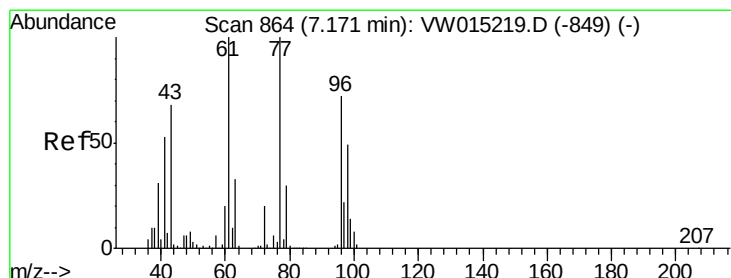
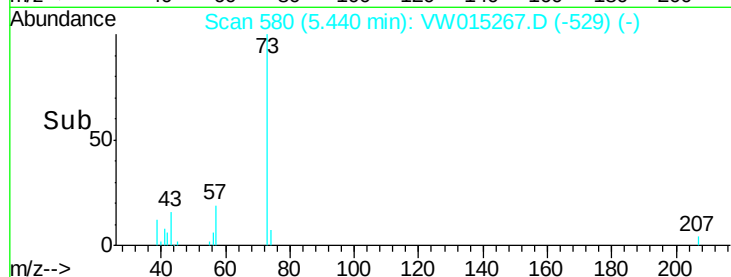
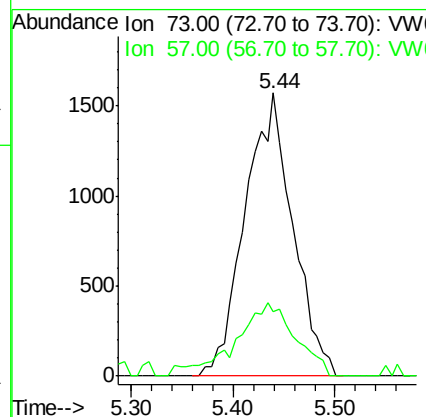
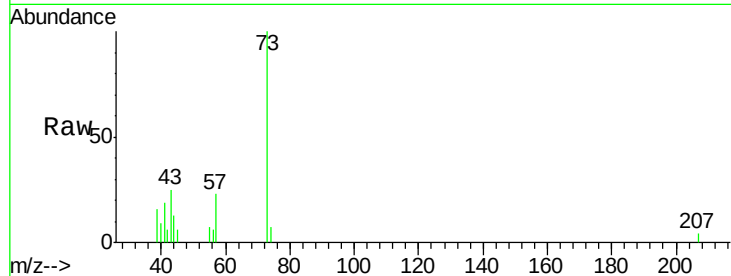
#19
Methyl tert-butyl Ether
Concen: 1.238 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Instrument :
MSVOA_W
ClientSampled :
WB-1-1

Tot Ion: 73 Resp: 5099
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.6

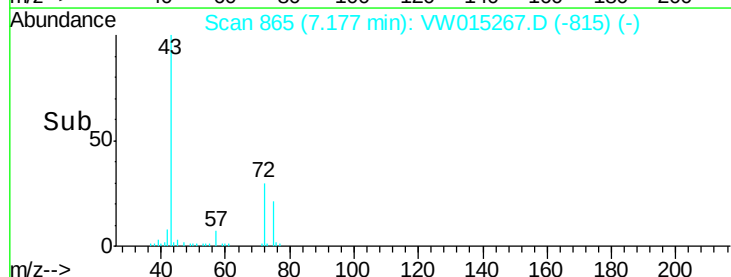
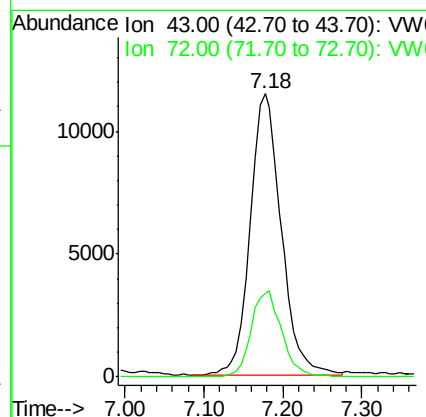
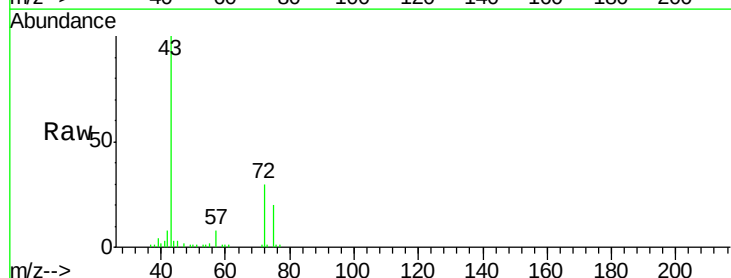
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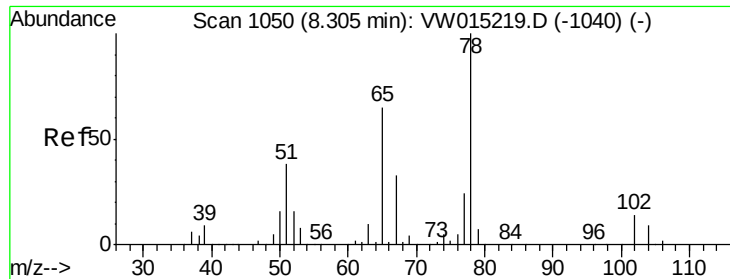
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#25
2-Butanone
Concen: 78.794 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Tgt Ion: 43 Resp: 31409
Ion Ratio Lower Upper
43 100
72 30.0 21.6 32.4





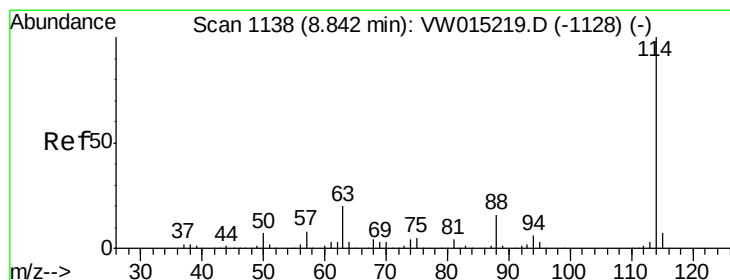
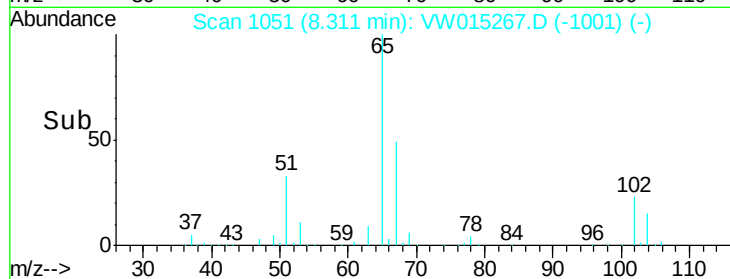
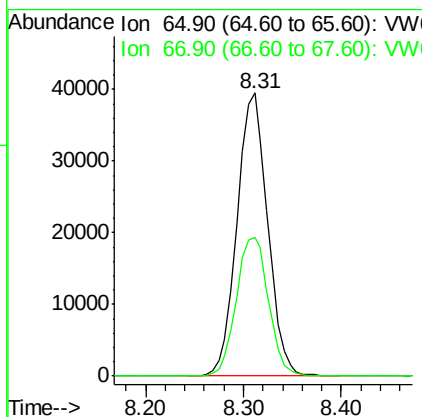
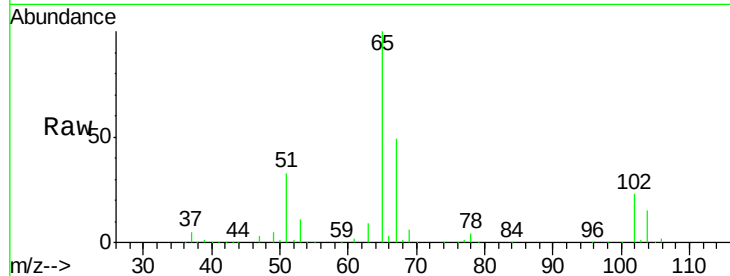
#33
 1,2-Dichloroethane-d4
 Concen: 49.948 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015267.D
 Acq: 21 Apr 2020 17:13

Instrument :
 MSVOA_W
 ClientSampled :
 WB-1-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	85921		
67	51.4	0.0	107.0	

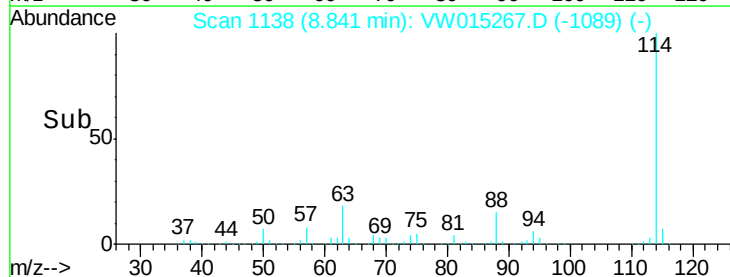
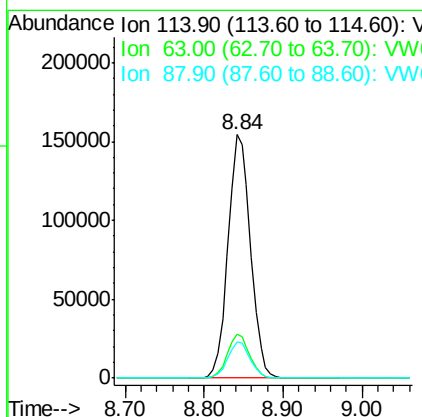
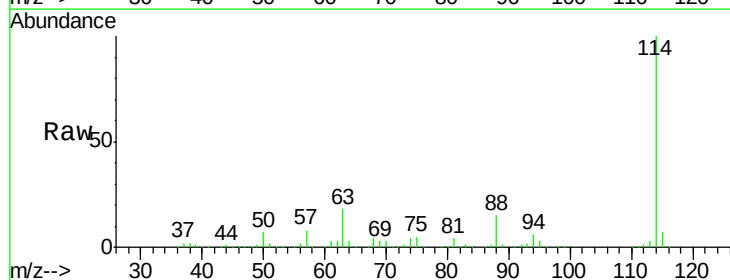
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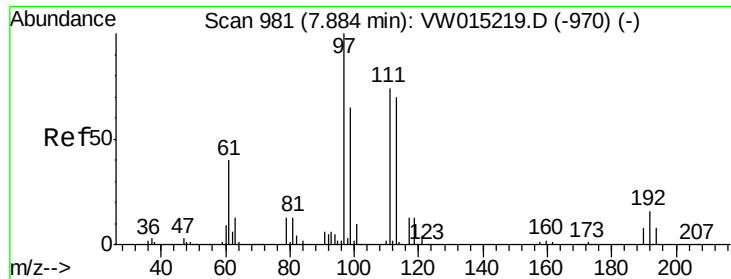
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015267.D
 Acq: 21 Apr 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	303924		
63	18.0	0.0	39.8	
88	14.9	0.0	30.2	





#35

Dibromofluoromethane

Concen: 53.209 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015267.D

Acq: 21 Apr 2020 17:13

Instrument :

MSVOA_W

ClientSampled :

WB-1-1

Tot Ion:113 Resp: 89576

Ion Ratio Lower Upper

113 100

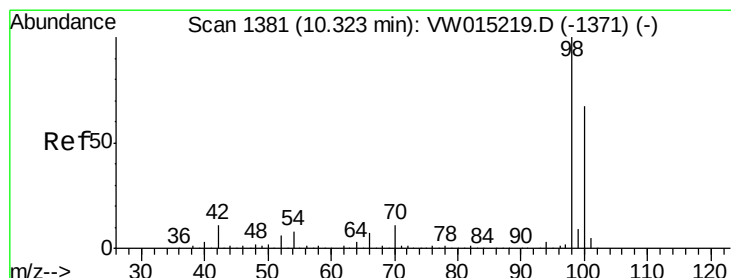
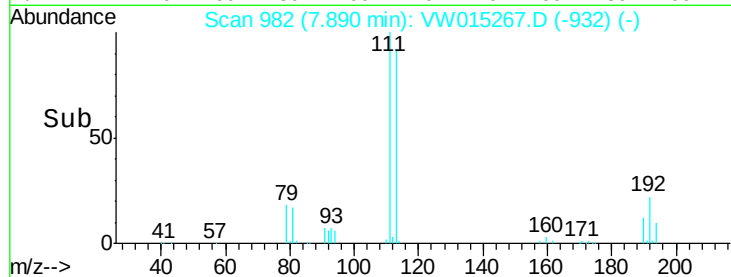
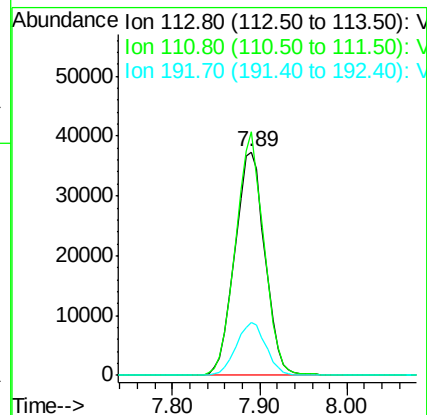
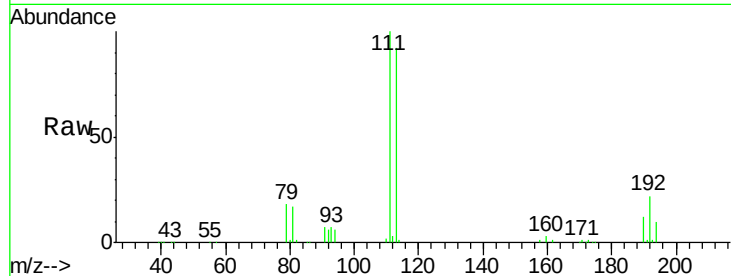
111 102.5 83.0 124.4

192 23.2 15.1 22.7#

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#50

Toluene-d8

Concen: 50.223 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015267.D

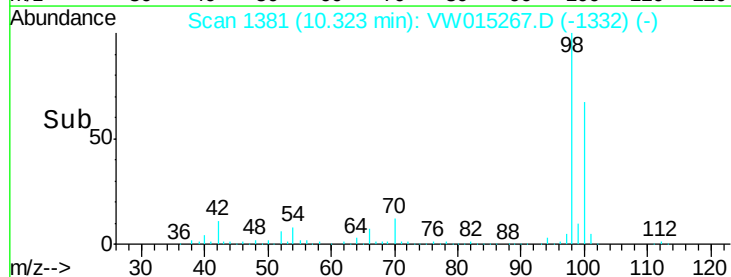
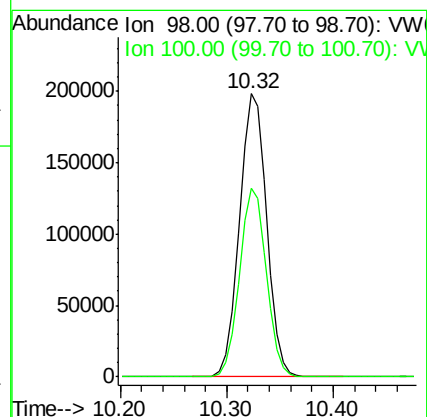
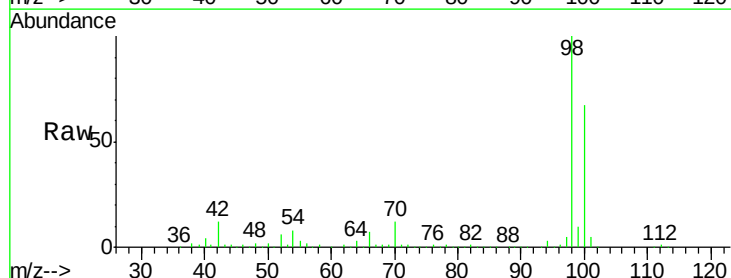
Acq: 21 Apr 2020 17:13

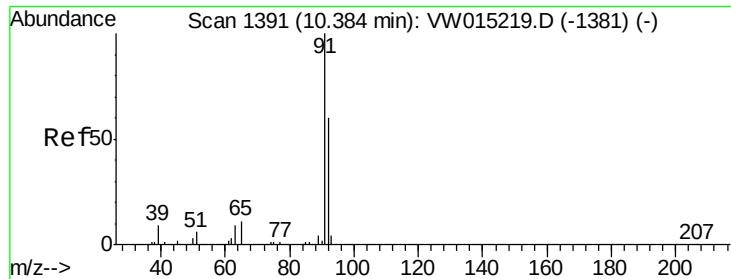
Tgt Ion: 98 Resp: 355677

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#52

Toluene

Concen: 1.235 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015267.D

Acq: 21 Apr 2020 17:13

Instrument :

MSVOA_W

ClientSampleId :

WB-1-1

Tot Ion: 92 Resp: 6333

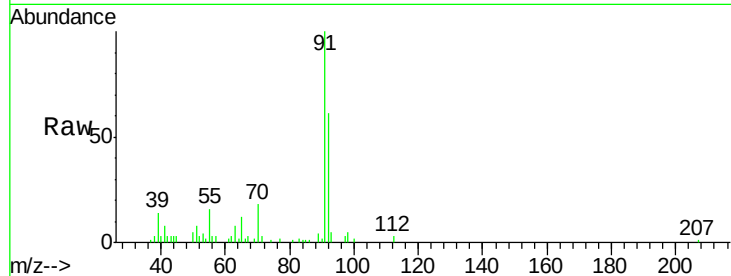
Ion Ratio Lower Upper

92 100

91 176.0 137.1 205.7

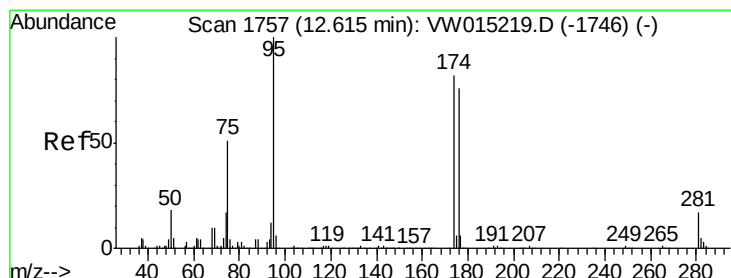
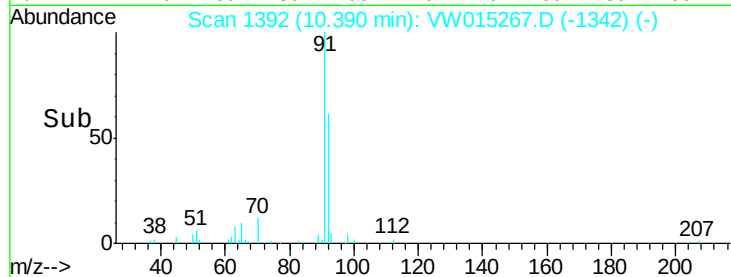
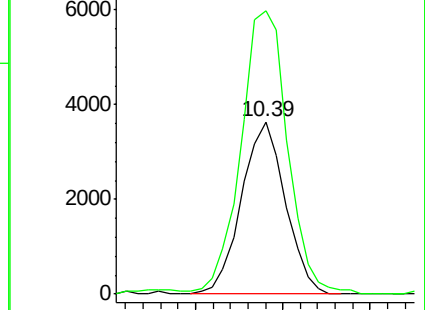
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Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 45.289 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015267.D

Acq: 21 Apr 2020 17:13

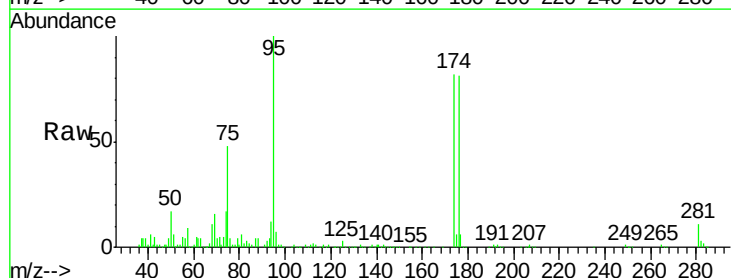
Tgt Ion: 95 Resp: 122374

Ion Ratio Lower Upper

95 100

174 89.2 0.0 144.4

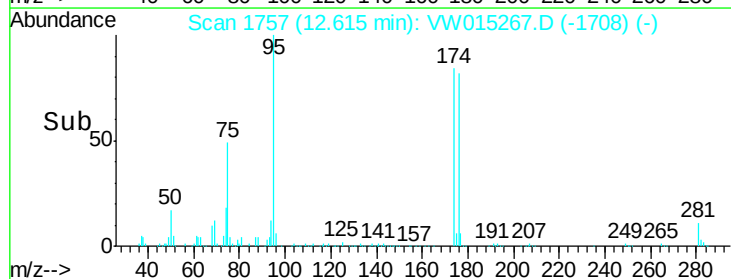
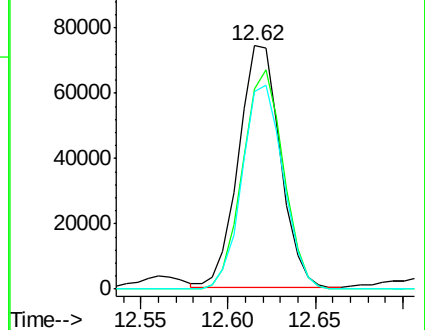
176 84.1 0.0 140.6

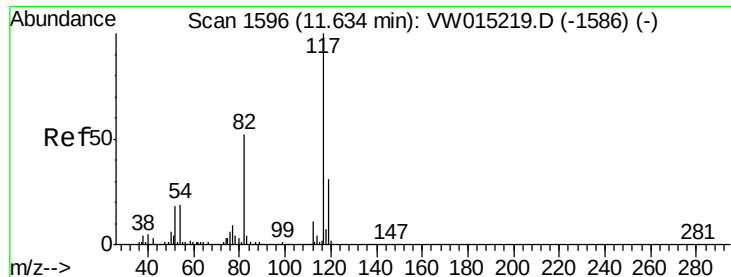


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





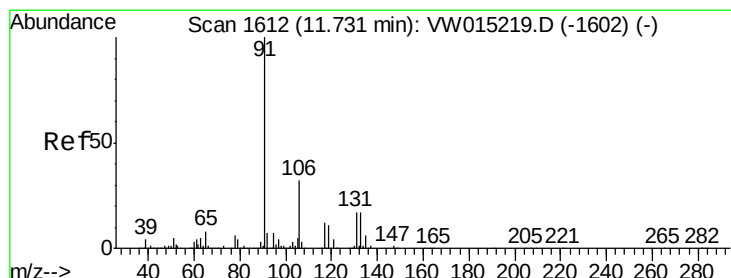
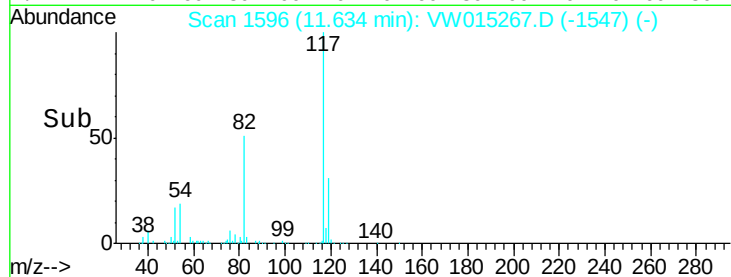
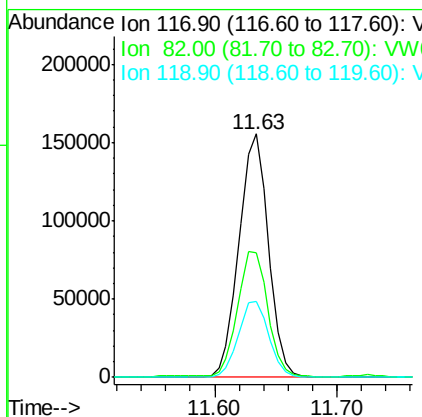
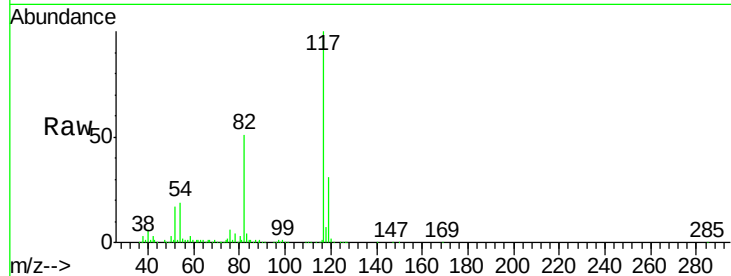
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Instrument :
MSVOA_W
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	259656		
82	51.1		44.1	66.1
119	31.1		24.9	37.3

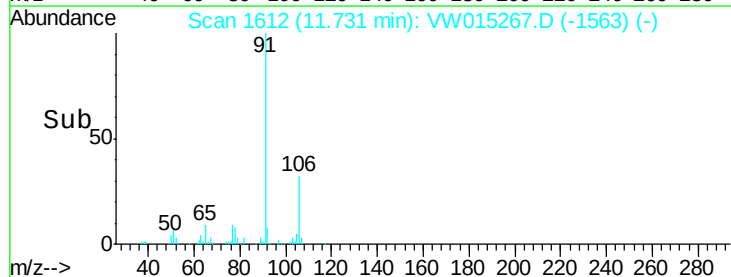
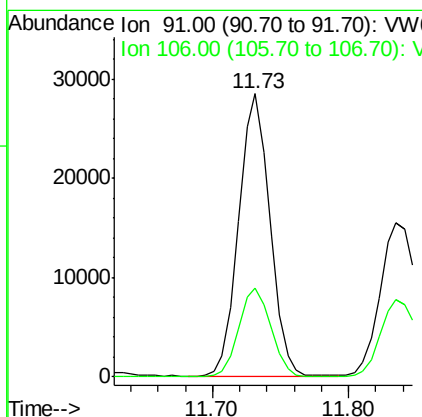
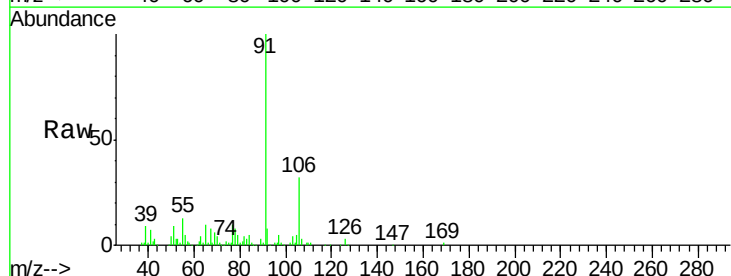
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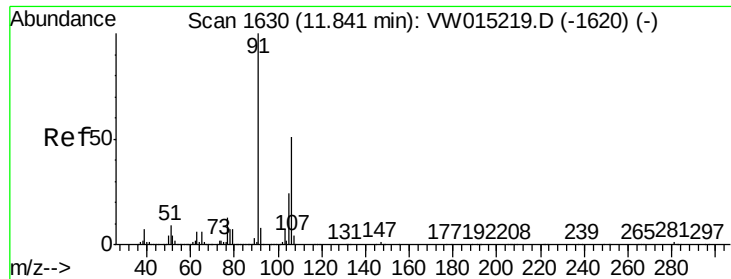
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#67
Ethyl Benzene
Concen: 4.853 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	46110		
106	31.5		25.7	38.5





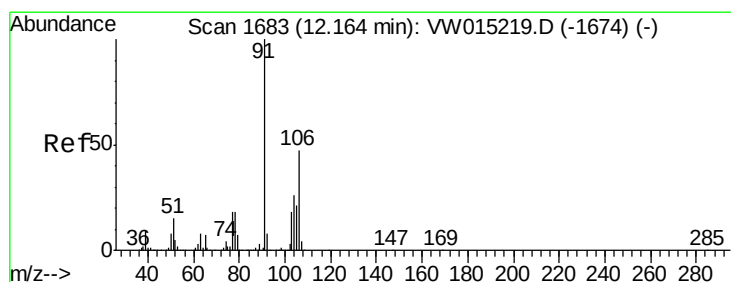
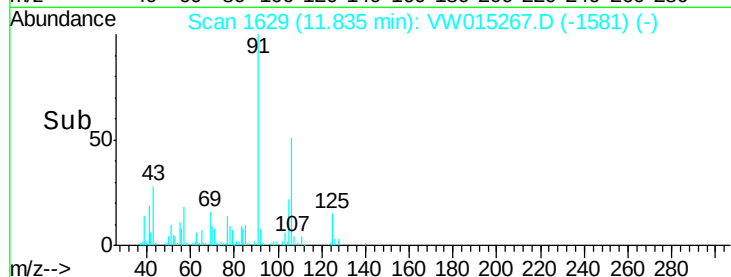
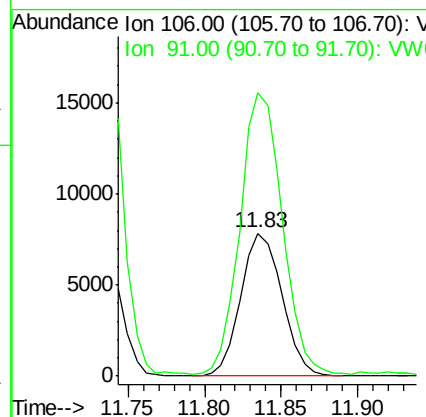
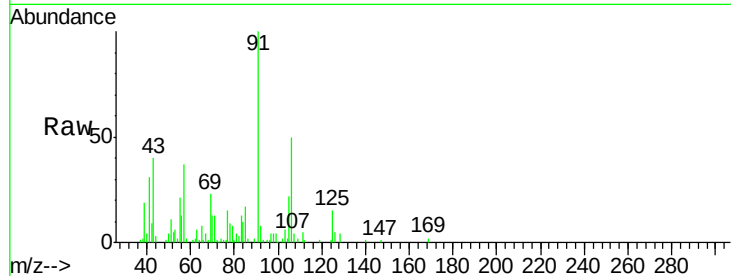
#68
m/p-Xylenes
Concen: 3.969 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Instrument :
MSVOA_W
ClientSampled :
WB-1-1

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.4	160.0	240.0

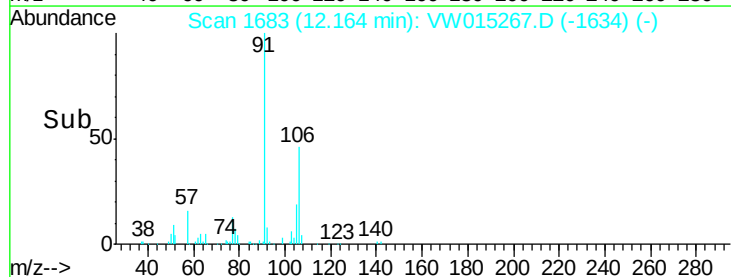
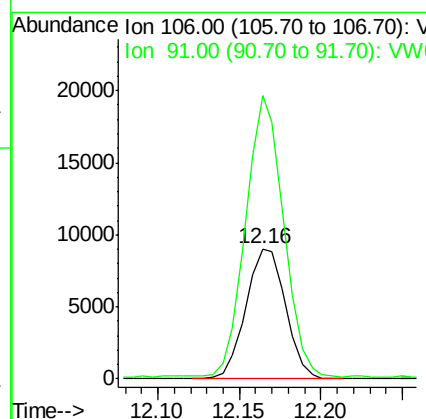
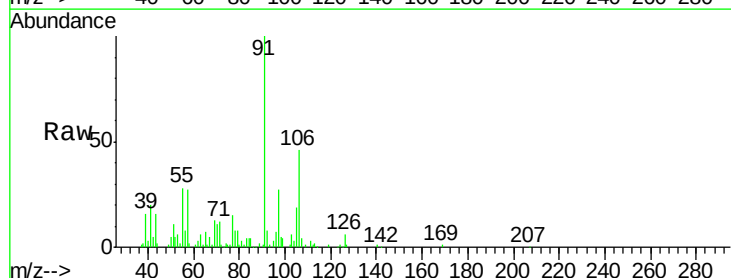
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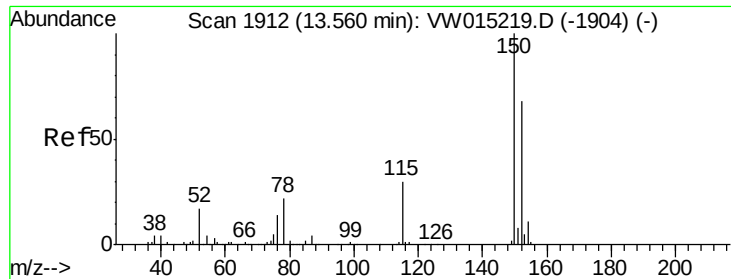
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4/22/2020 11:42:08 AM



#69
o-Xylene
Concen: 4.386 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.3	105.7	317.1





#72

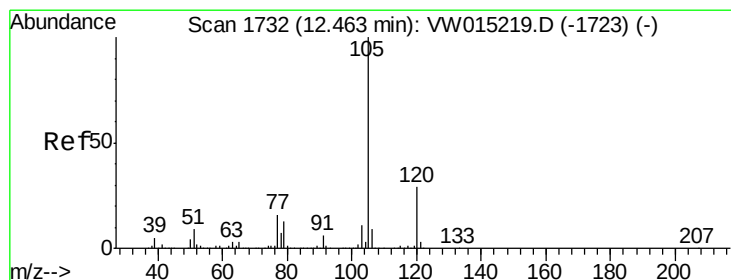
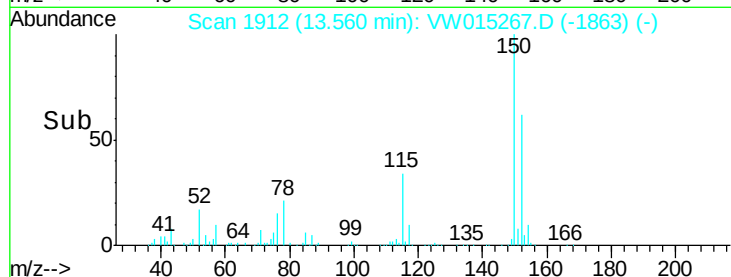
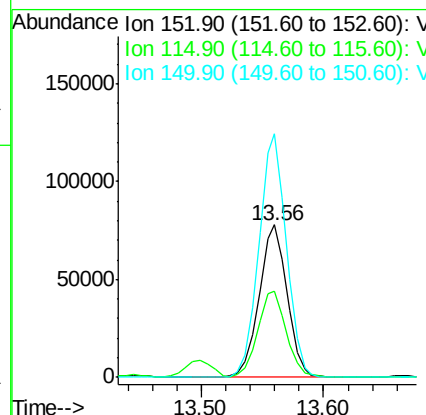
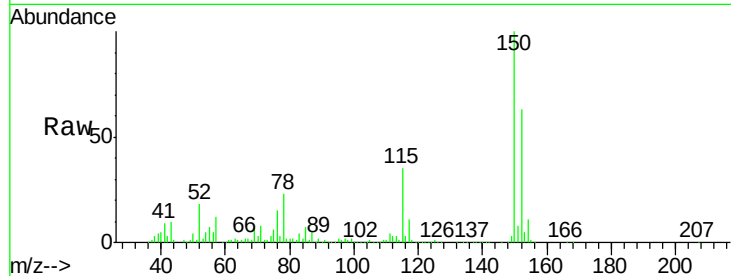
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Instrument :
MSVOA_W
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Resp	Lower	Upper
152	100	123923		
115	57.3	31.3	93.9	
150	157.1	0.0	343.4	

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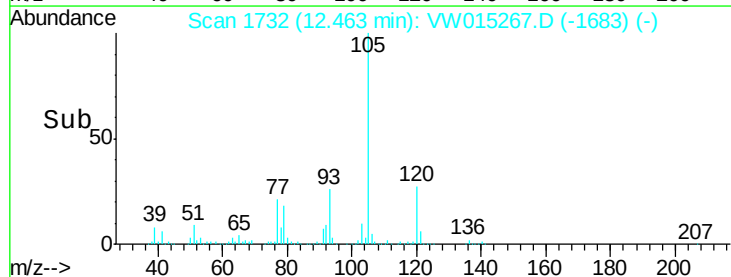
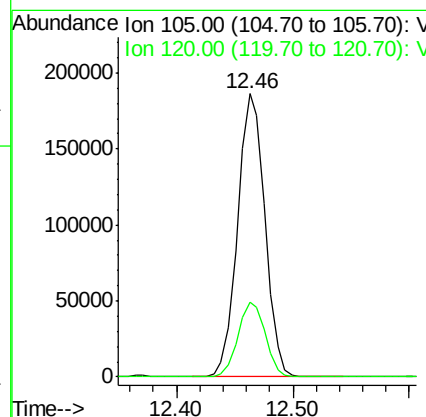
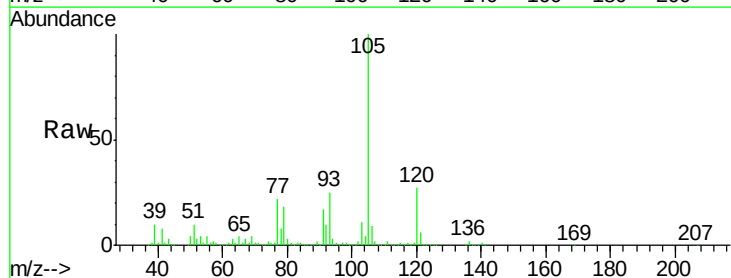
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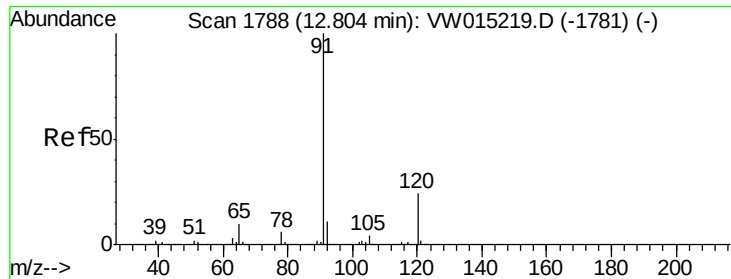


#73

Isopropylbenzene
Concen: 35.306 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	303351		
120	26.5	13.7	41.1	





#78

n-propylbenzene

Concen: 2.427 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015267.D

Acq: 21 Apr 2020 17:13

Instrument :

MSVOA_W

ClientSampled :

WB-1-1

Tot Ion: 91 Resp: 24276

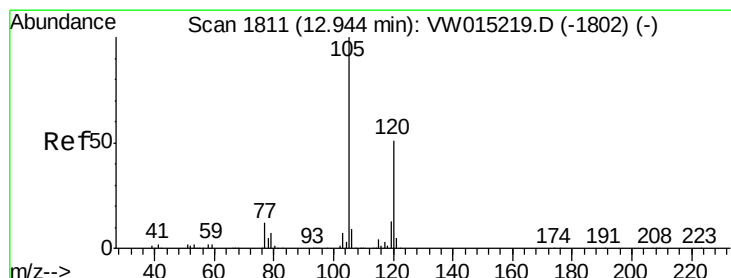
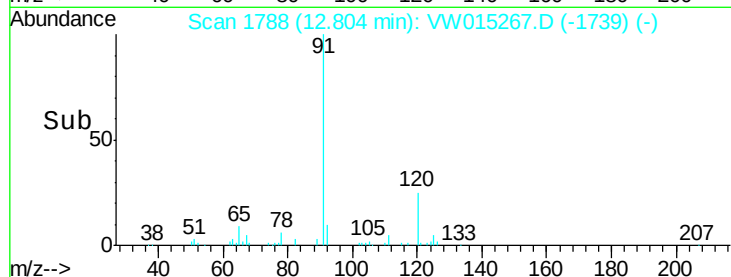
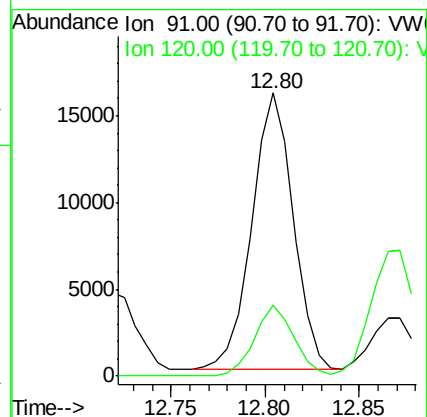
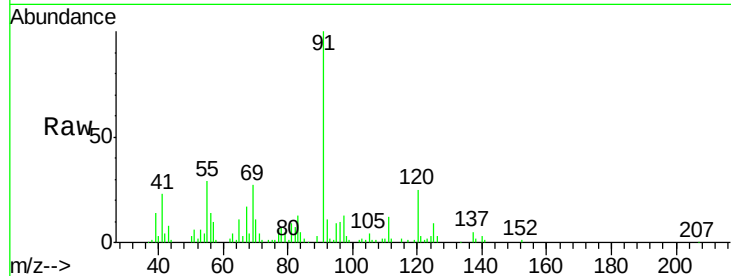
Ion Ratio Lower Upper

91 100

120 24.4 11.4 34.1

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#80

1,3,5-Trimethylbenzene

Concen: 3.124 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015267.D

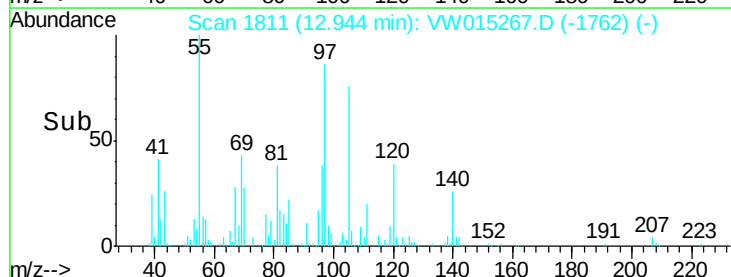
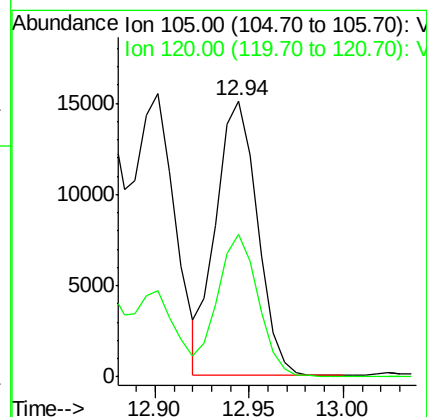
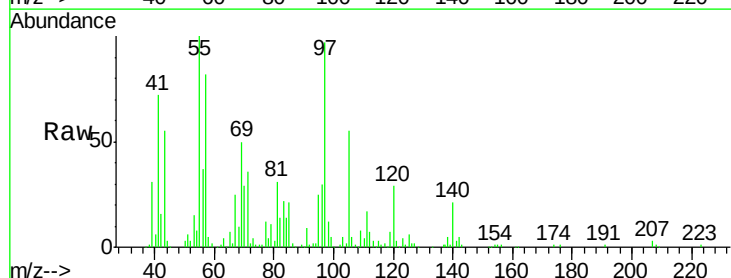
Acq: 21 Apr 2020 17:13

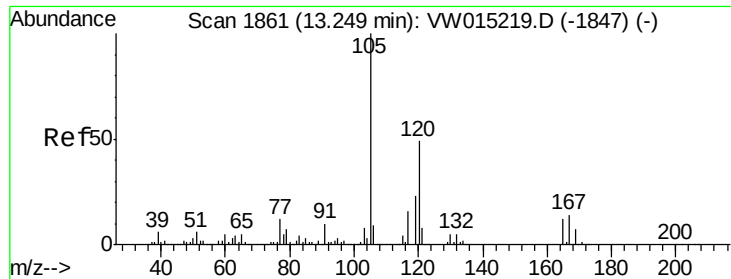
Tgt Ion: 105 Resp: 23121

Ion Ratio Lower Upper

105 100

120 51.0 24.9 74.8





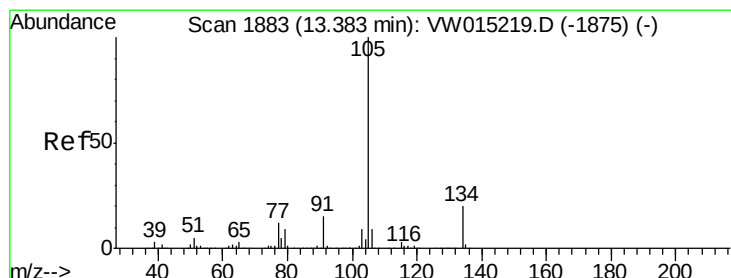
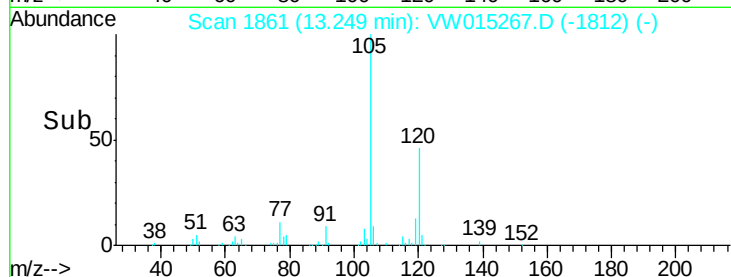
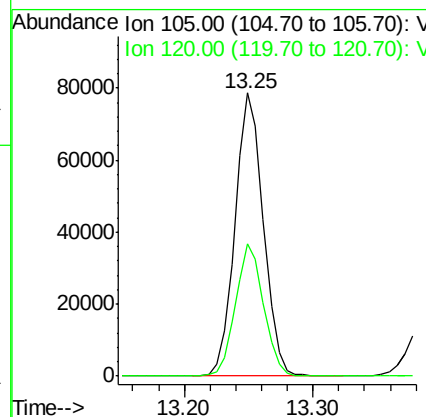
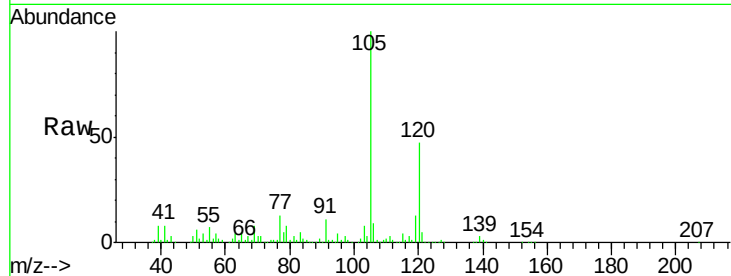
#84
1,2,4-Trimethylbenzene
Concen: 16.437 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Instrument :
MSVOA_W
ClientSampled :
WB-1-1

Tot Ion:105 Resp: 119993
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0

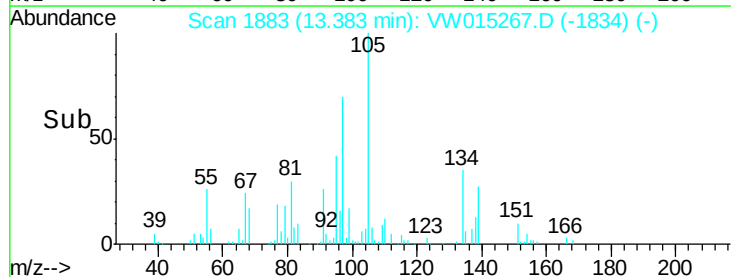
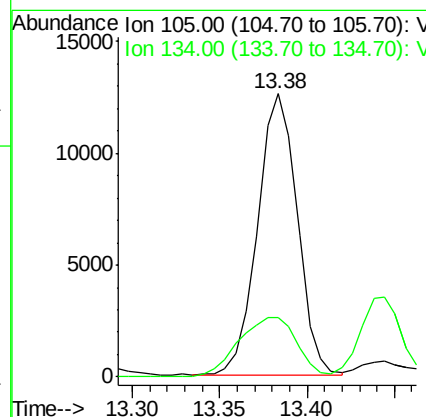
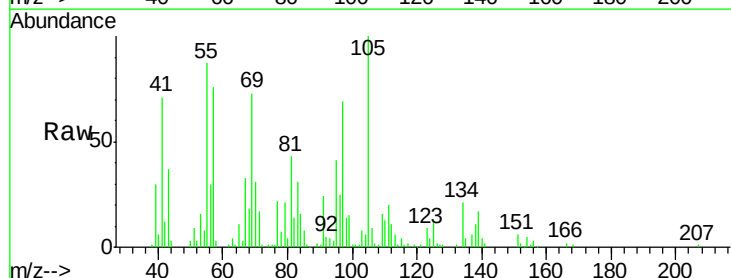
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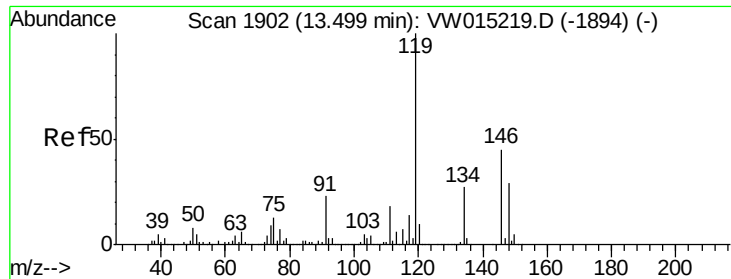
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#85
sec-Butylbenzene
Concen: 2.229 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Tgt Ion:105 Resp: 19912
Ion Ratio Lower Upper
105 100
134 30.9 10.1 30.1#





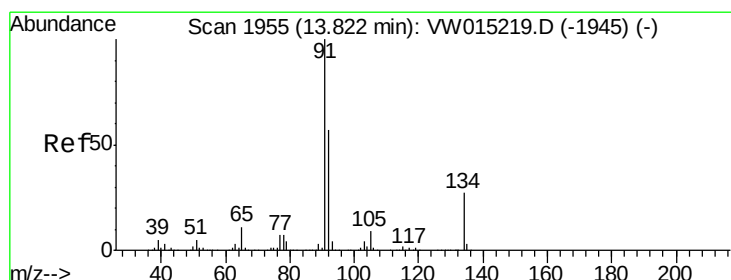
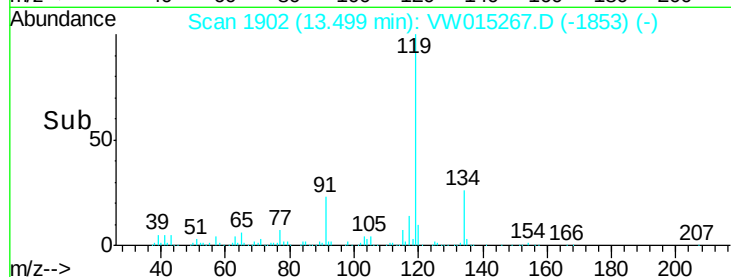
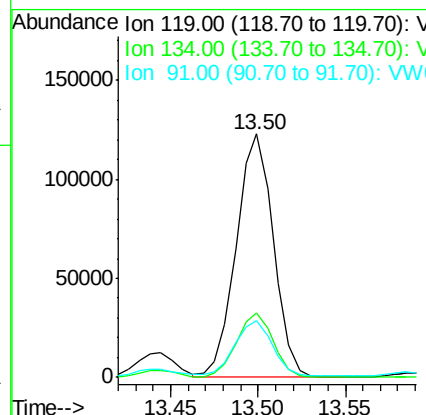
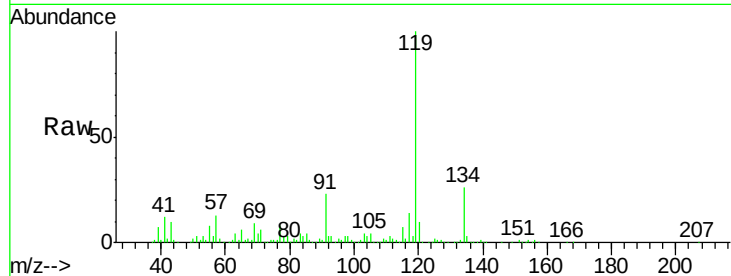
#86
 p-Isopropyltoluene
 Concen: 21.843 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015267.D
 Acq: 21 Apr 2020 17:13

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-1-1

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.9
91	23.3	12.0	36.1

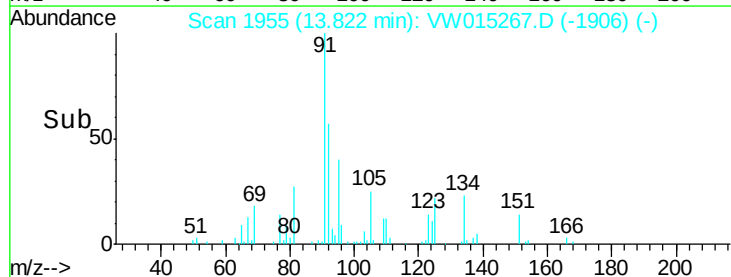
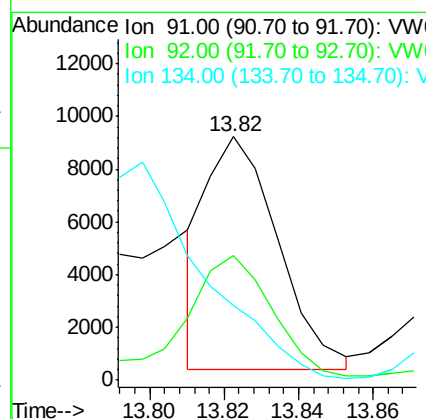
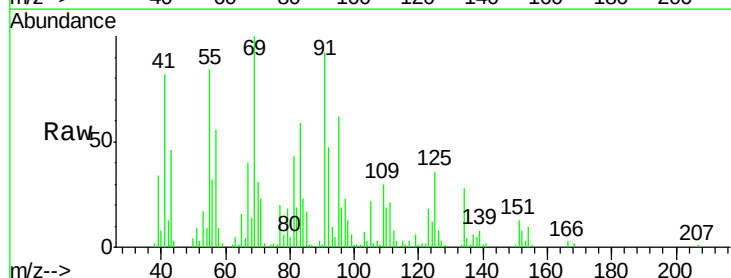
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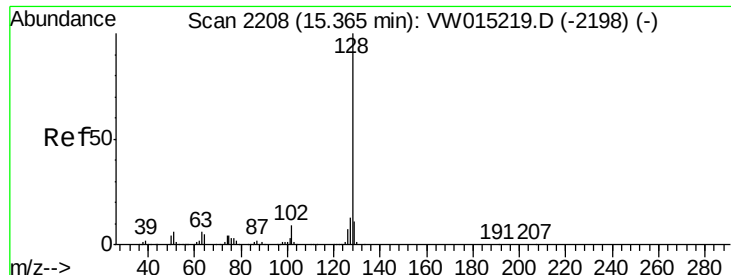
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#89
 n-Butylbenzene
 Concen: 1.547 ug/l m
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW015267.D
 Acq: 21 Apr 2020 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.3	27.6	82.7
134	0.0	12.8	38.3#





#95
Naphthalene
Concen: 47.886 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015267.D
Acq: 21 Apr 2020 17:13

Instrument :
MSVOA_W
ClientSampleId :
WB-1-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.3	8.6	12.8

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