

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015268.D
 Acq On : 21 Apr 2020 17:38
 Operator : SY/VA
 Sample : L2283-07
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-1-2

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:42:12 AM

Quant Time: Apr 22 07:24:21 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	228701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	97695	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.88	113	96474	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
50) Toluene-d8	10.32	98	381111	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.62	95	130640	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	11499	75.427	ug/l #	91
16) Acetone	4.13	43	37529	114.890	ug/l	96
17) Carbon Disulfide	4.38	76	21618	3.729	ug/l	97
25) 2-Butanone	7.18	43	30028	69.288	ug/l	92
40) Benzene	8.32	78	9205	1.189	ug/l	93
52) Toluene	10.39	92	5422	1.001	ug/l	97
67) Ethyl Benzene	11.73	91	13610	1.289	ug/l	99
68) m/p-Xylenes	11.83	106	5712	1.380	ug/l	98
69) o-Xylene	12.16	106	4248	1.099	ug/l	99
73) Isopropylbenzene	12.46	105	67812	7.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	9963	1.264	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	53699	6.908	ug/l	98
85) sec-Butylbenzene	13.38	105	10922	1.148	ug/l #	67
86) p-Isopropyltoluene	13.50	119	84387	9.546	ug/l	99
89) n-Butylbenzene	13.82	91	9809m	1.214	ug/l	
95) Naphthalene	15.36	128	195627	48.205	ug/l	99

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

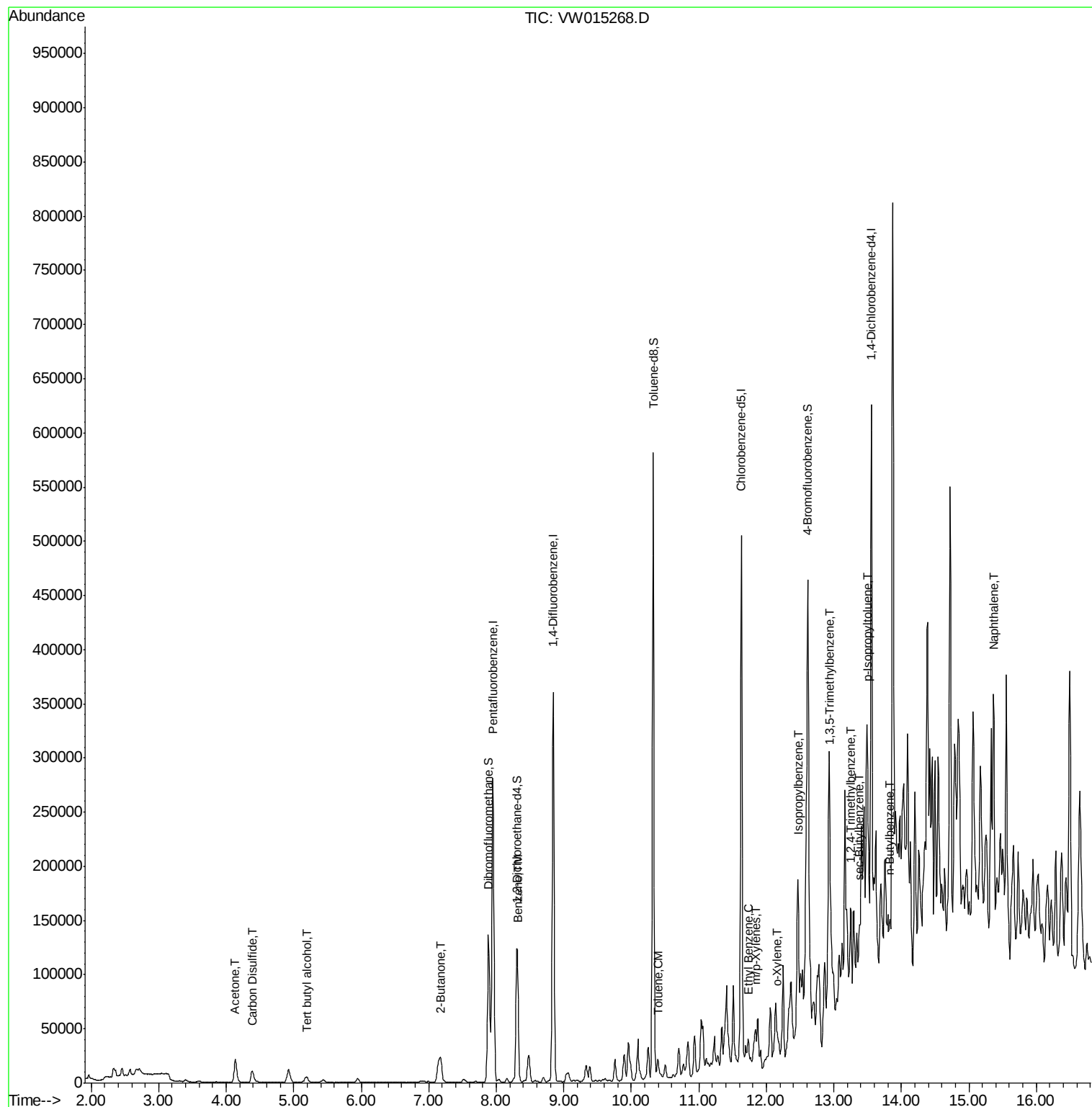
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015268.D
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ALS Vial : 20 Sample Multiplier: 1

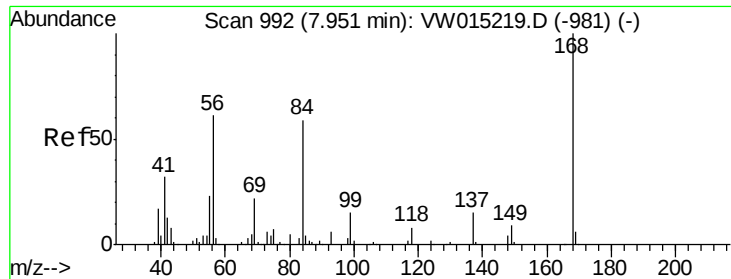
Instrument :
MSVOA_W
ClientSampleId :
WB-1-2

Manual Integrations
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Quant Time: Apr 22 07:24:21 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: VW015268.D

Acq: 21 Apr 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

WB-1-2

Tot Ion:168 Resp: 228701

Ion Ratio Lower Upper

168 100

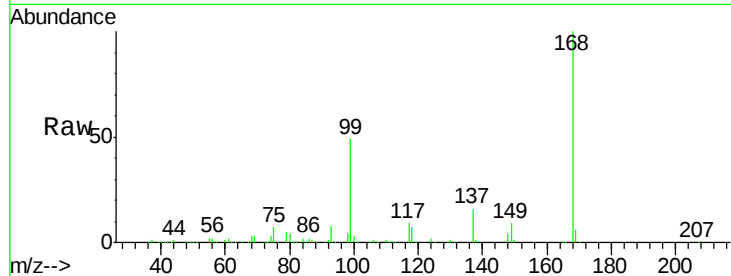
99 48.9 48.5 72.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

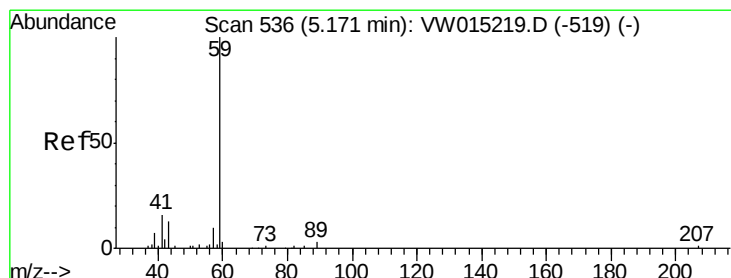
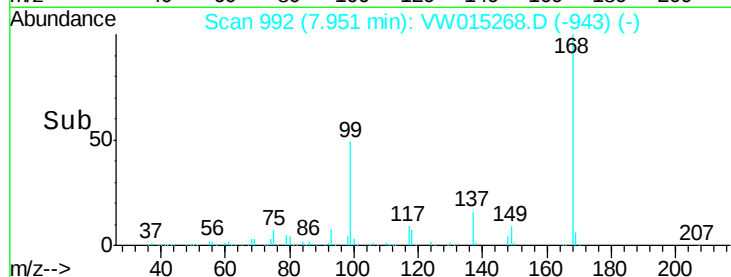
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 75.427 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW015268.D

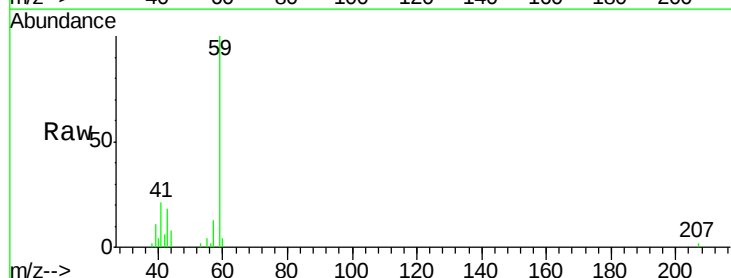
Acq: 21 Apr 2020 17:38

Tgt Ion: 59 Resp: 11499

Ion Ratio Lower Upper

59 100

57 14.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

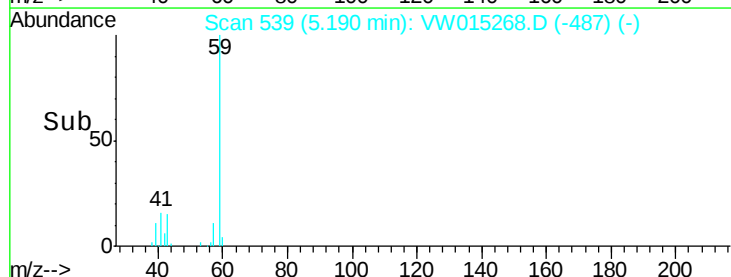
3000

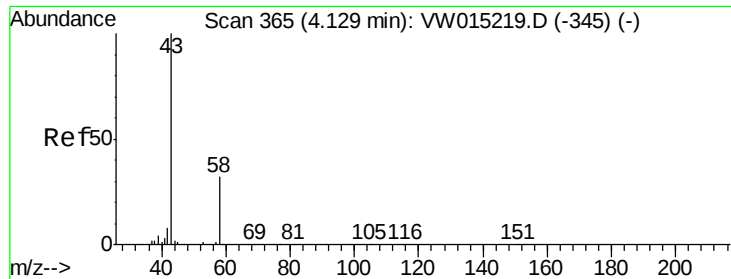
2000

1000

0

Time--> 5.00 5.10 5.20 5.30





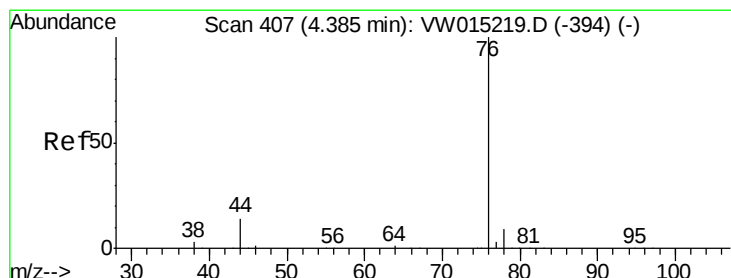
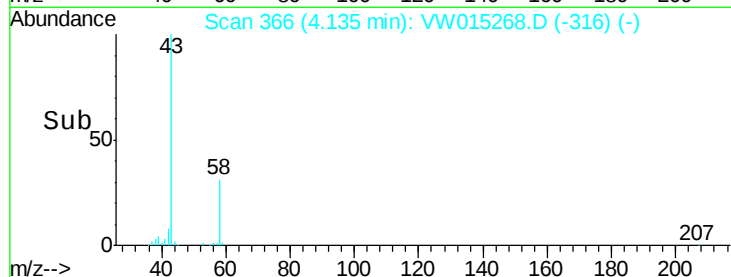
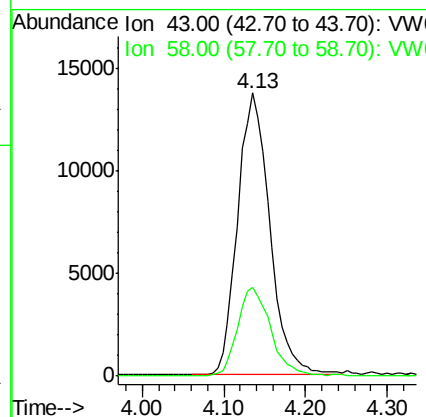
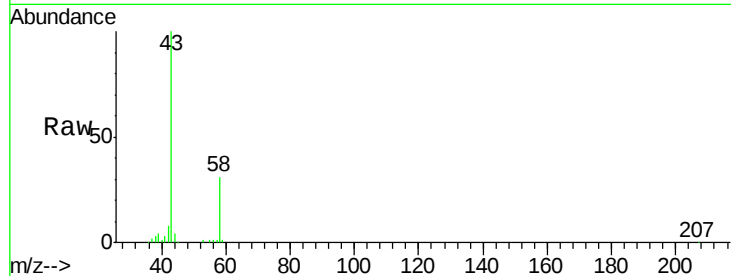
#16
Acetone
Concen: 114.890 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Instrument :
MSVOA_W
ClientSampled :
WB-1-2

Tot Ion	43	Resp	37529
Ion Ratio	100	Lower	Upper
43	100		
58	31.3	27.0	40.4

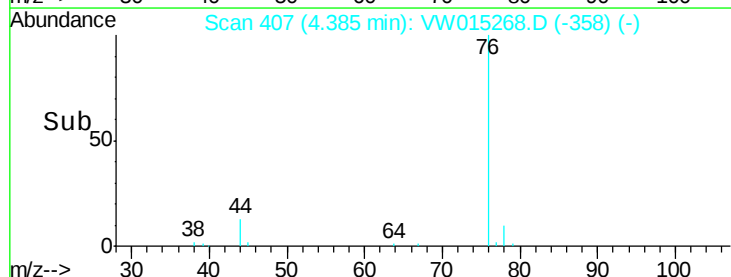
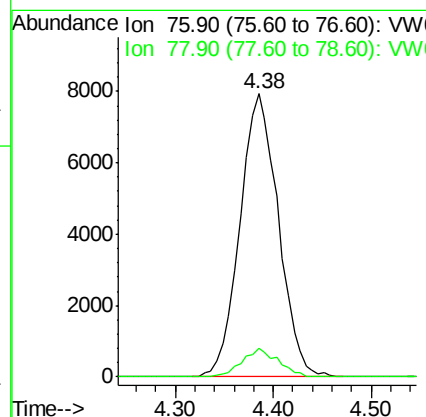
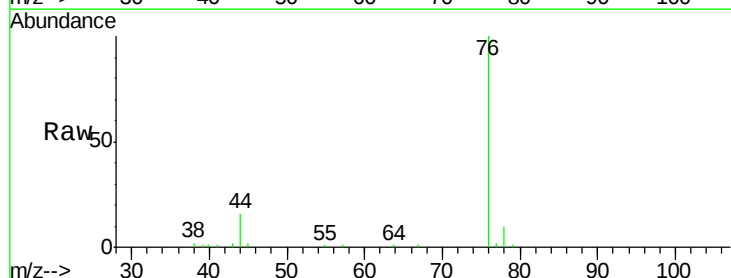
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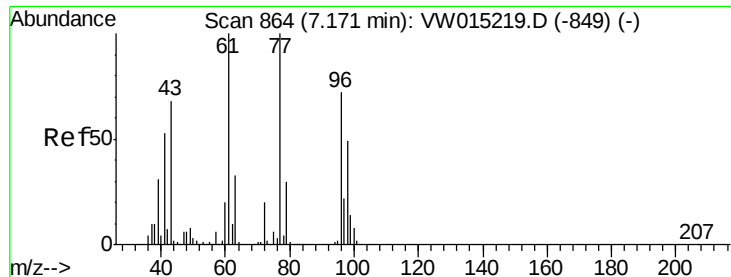
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#17
Carbon Disulfide
Concen: 3.729 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Tgt Ion	76	Resp	21618
Ion Ratio	100	Lower	Upper
76	100		
78	9.9	7.0	10.6





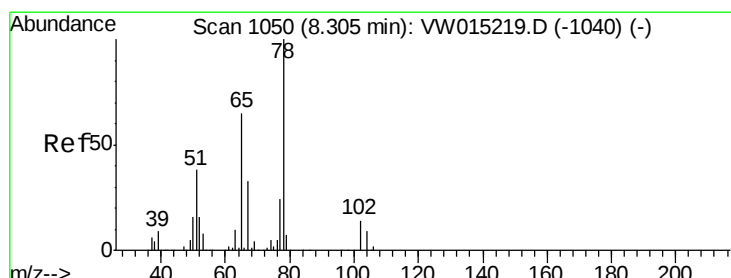
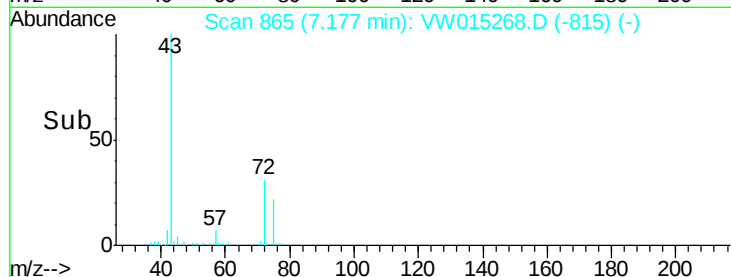
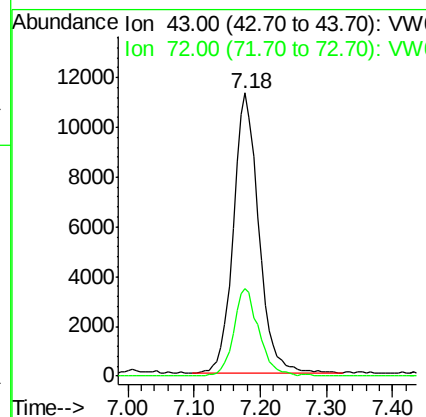
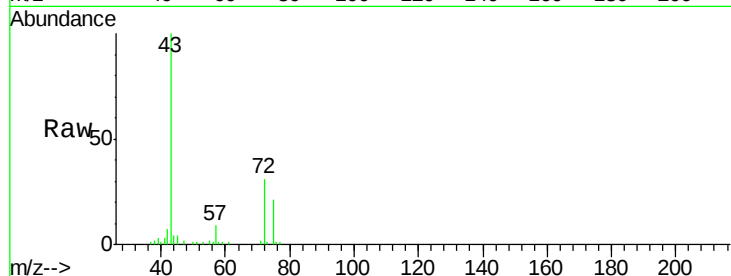
#25
2-Butanone
Concen: 69.288 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Instrument :
MSVOA_W
ClientSampled :
WB-1-2

Tot Ion: 43 Resp: 30028
Ion Ratio Lower Upper
43 100
72 31.0 21.6 32.4

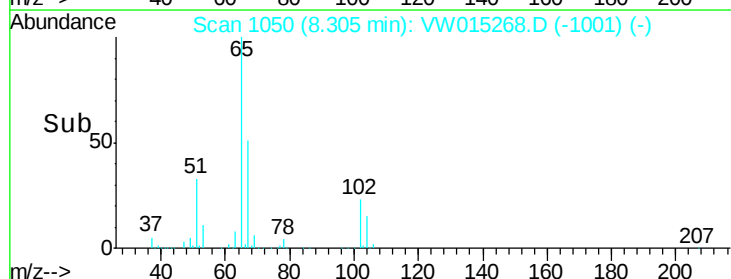
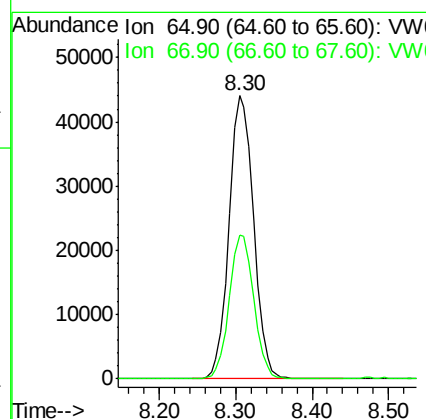
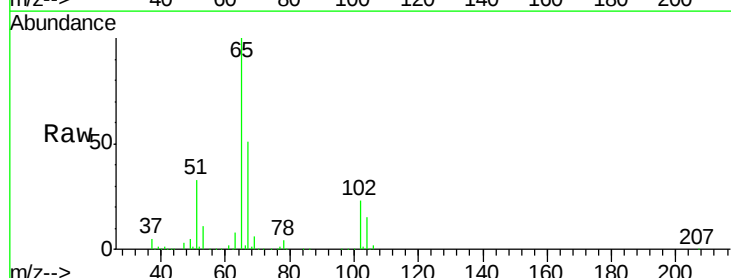
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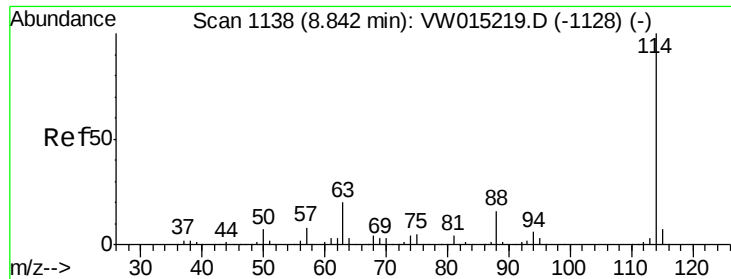
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#33
1,2-Dichloroethane-d4
Concen: 52.238 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Tgt Ion: 65 Resp: 97695
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.0





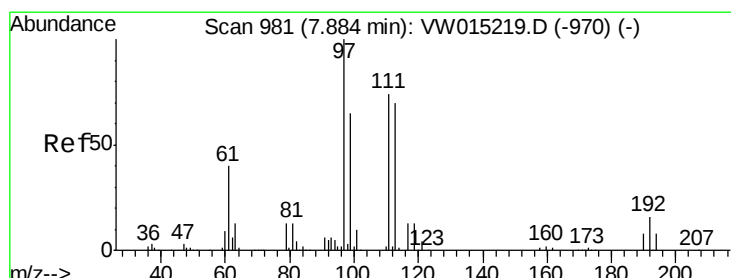
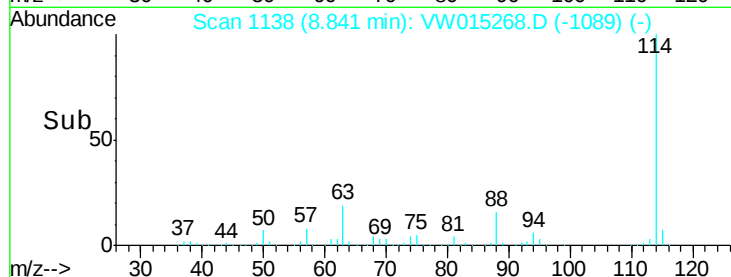
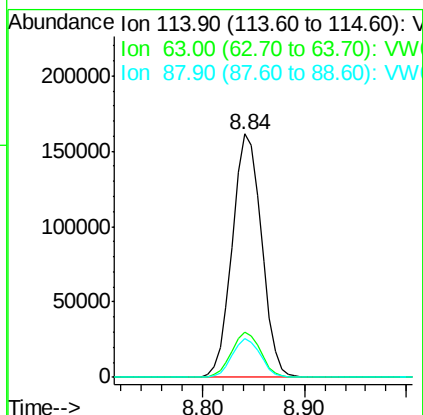
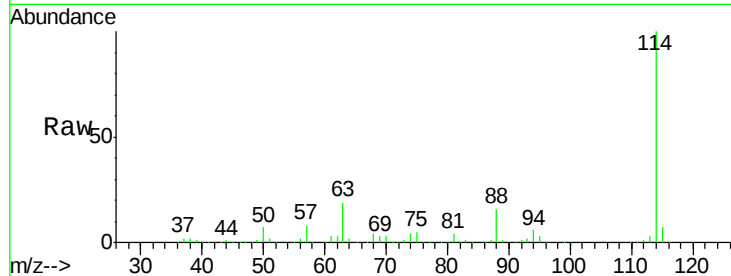
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015268.D
 Acq: 21 Apr 2020 17:38

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-1-2

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.5	0.0	39.8
88	15.8	0.0	30.2

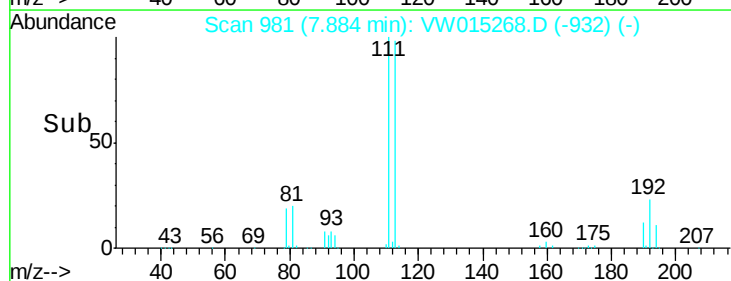
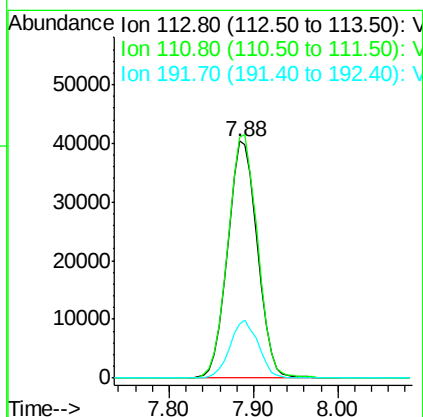
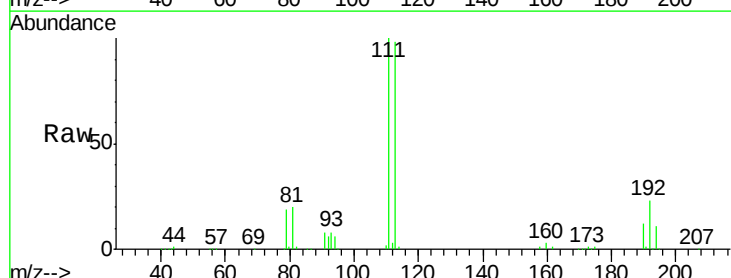
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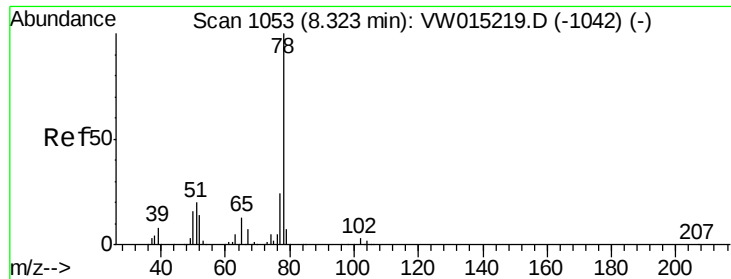
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#35
 Dibromofluoromethane
 Concen: 54.258 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015268.D
 Acq: 21 Apr 2020 17:38

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.6	83.0	124.4
192	23.3	15.1	22.7#





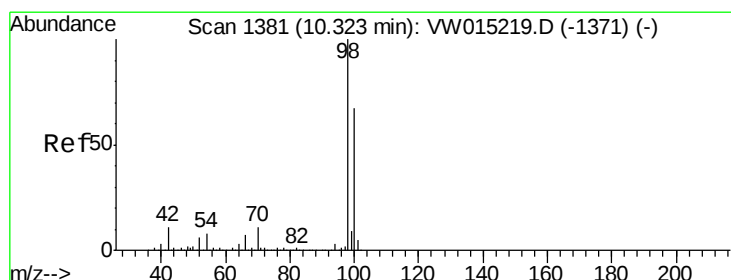
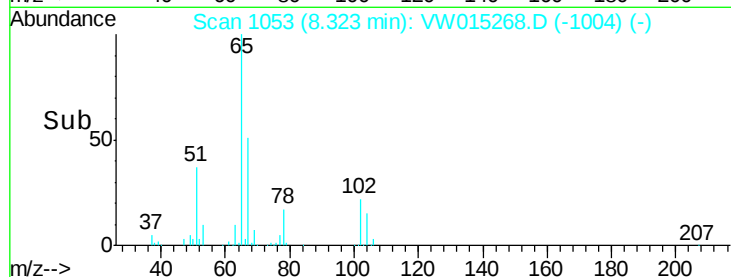
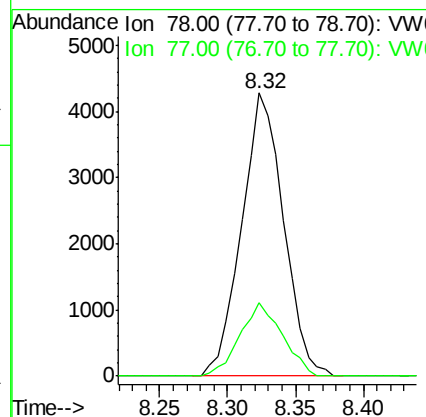
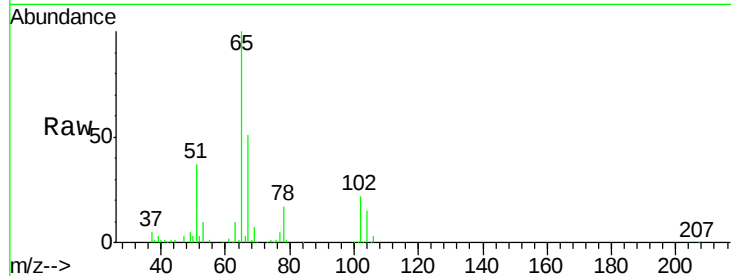
#40
Benzene
Concen: 1.189 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Instrument :
MSVOA_W
ClientSampleId :
WB-1-2

Tot Ion	Ratio	Lower	Upper
78	100		
77	26.1	18.2	27.2

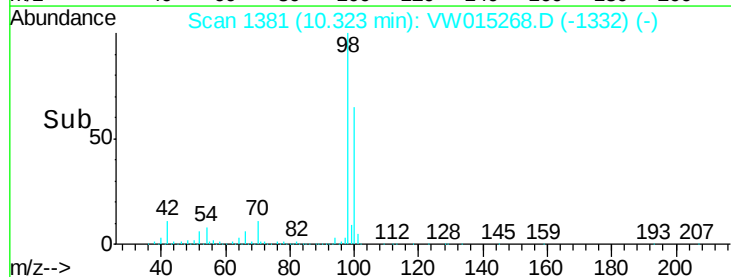
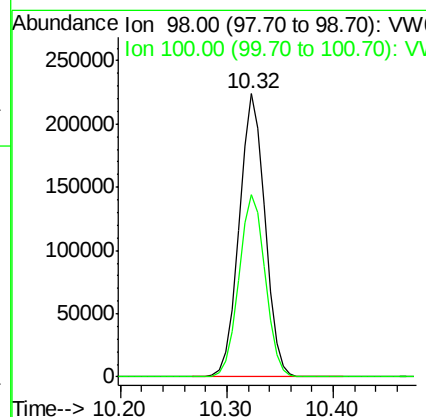
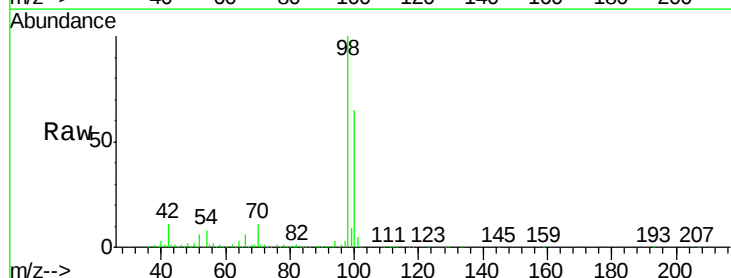
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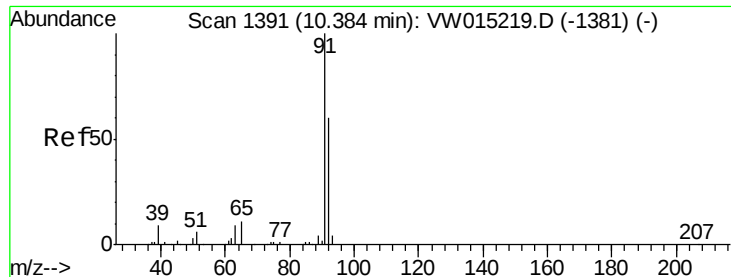
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#50
Toluene-d8
Concen: 50.952 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#52

Toluene

Concen: 1.001 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015268.D

Acq: 21 Apr 2020 17:38

Instrument :

MSVOA_W

ClientSampled :

WB-1-2

Tot Ion: 92 Resp: 5422

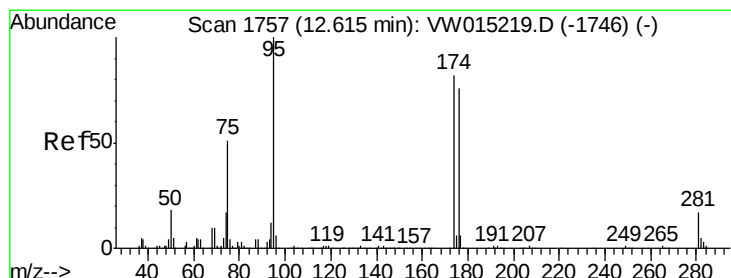
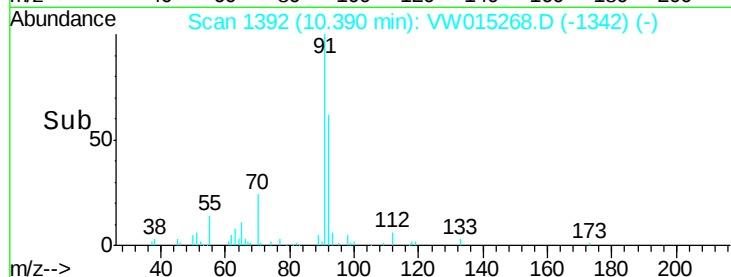
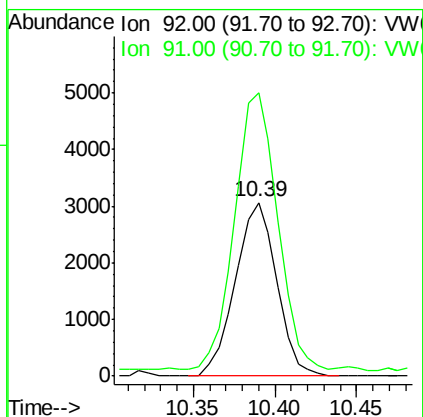
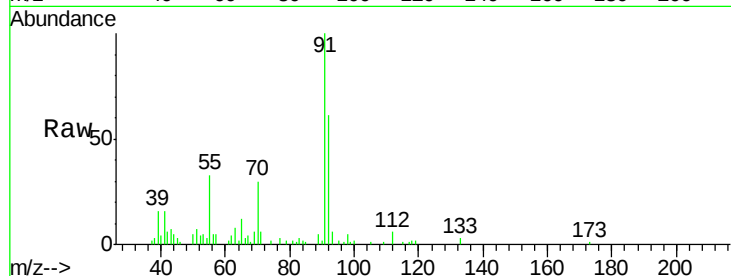
Ion Ratio Lower Upper

92 100

91 166.6 137.1 205.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 45.776 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015268.D

Acq: 21 Apr 2020 17:38

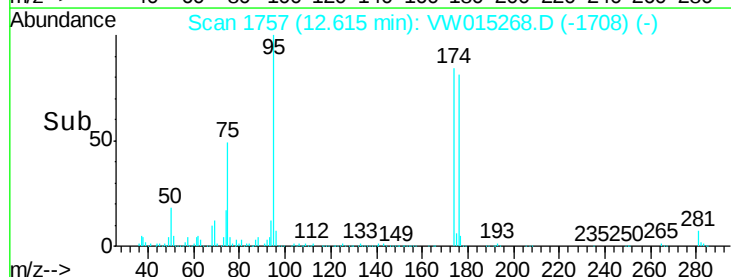
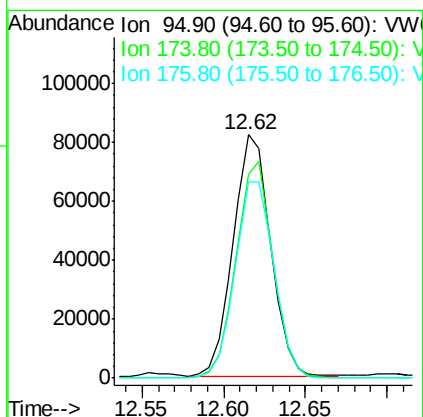
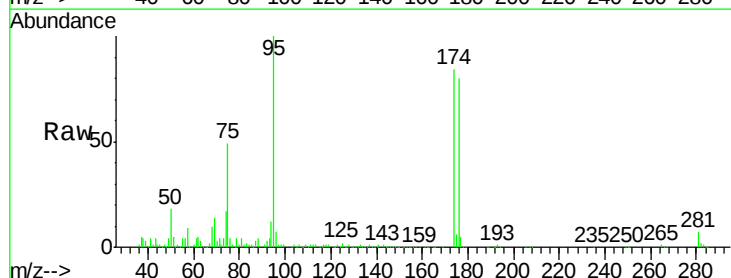
Tgt Ion: 95 Resp: 130640

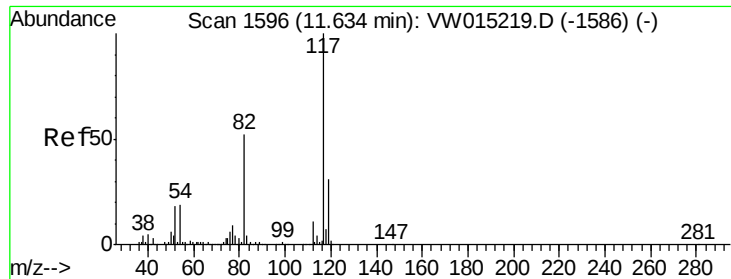
Ion Ratio Lower Upper

95 100

174 89.3 0.0 144.4

176 85.2 0.0 140.6





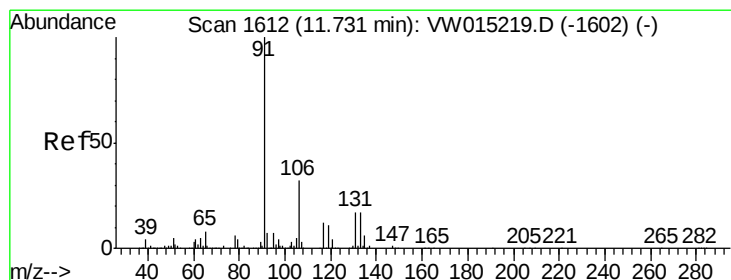
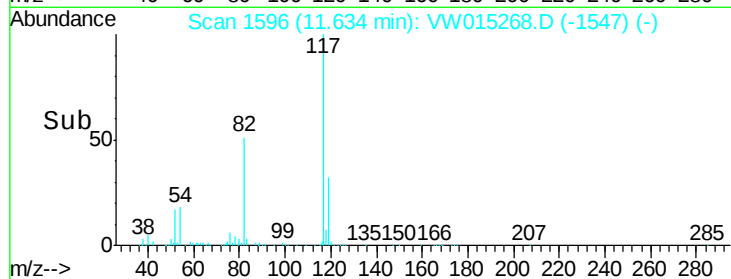
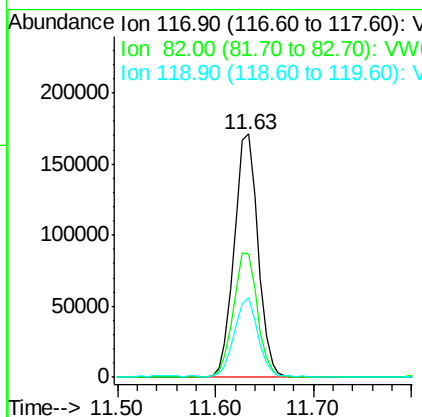
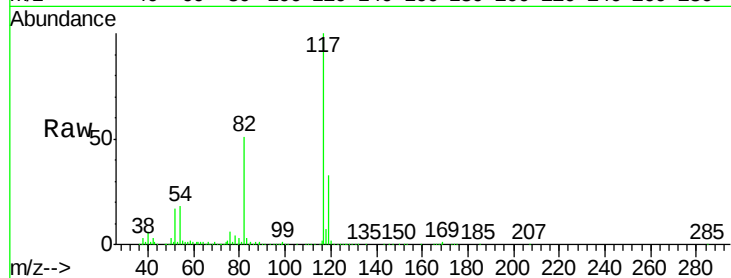
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Instrument :
MSVOA_W
ClientSampleId :
WB-1-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288599		
82	50.6		44.1	66.1
119	32.5		24.9	37.3

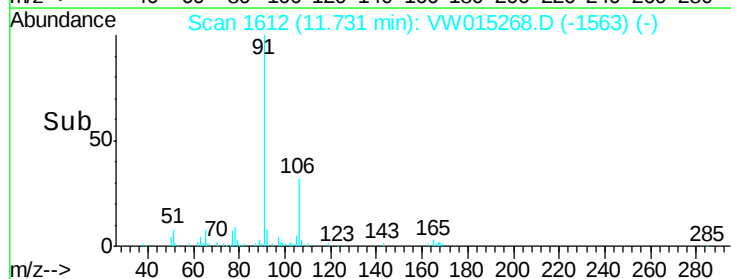
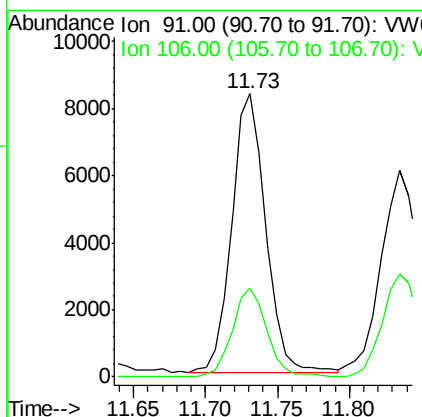
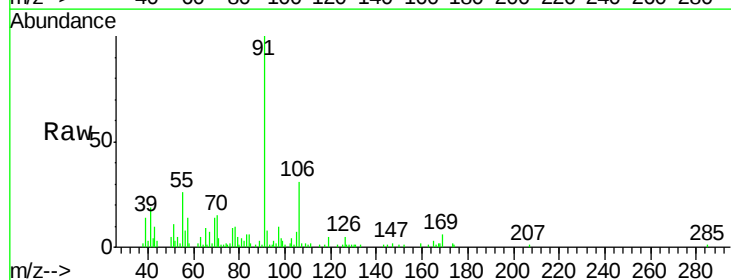
Manual Integrations
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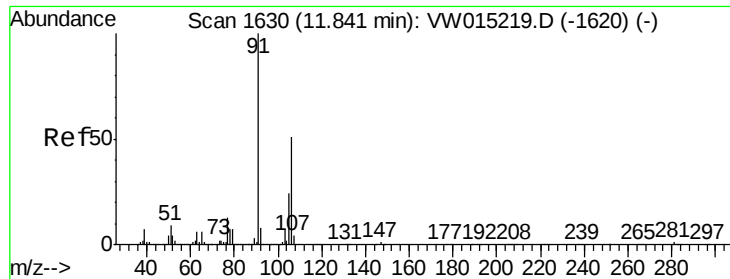
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4/22/2020 11:42:12 AM



#67
Ethyl Benzene
Concen: 1.289 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	13610		
106	31.7		25.7	38.5





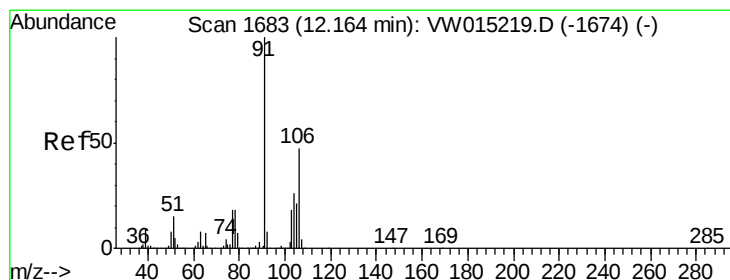
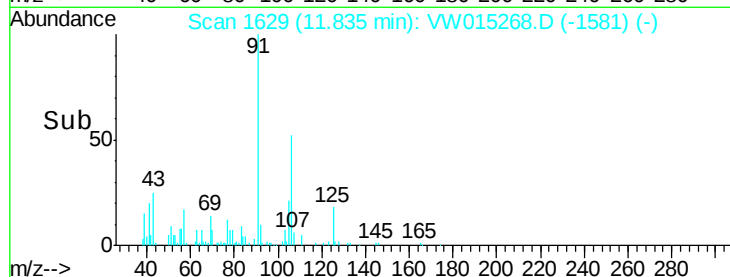
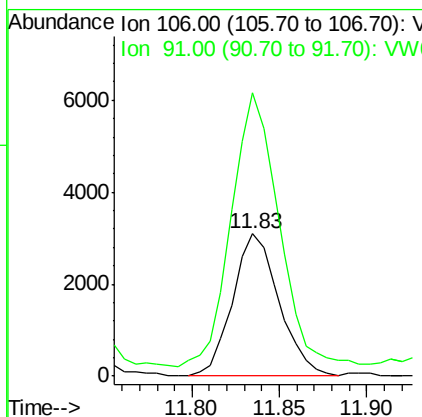
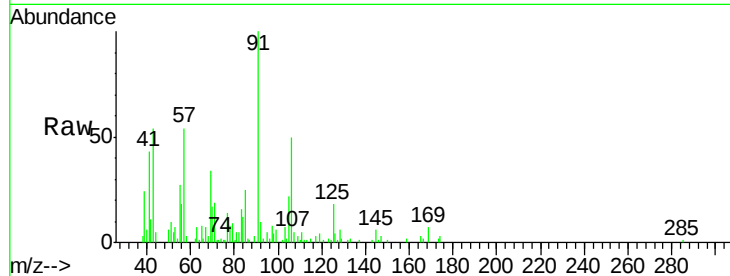
#68
m/p-Xylenes
Concen: 1.380 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Instrument :
MSVOA_W
ClientSampled :
WB-1-2

Tot Ion:106 Resp: 5712
Ion Ratio Lower Upper
106 100
91 197.7 160.0 240.0

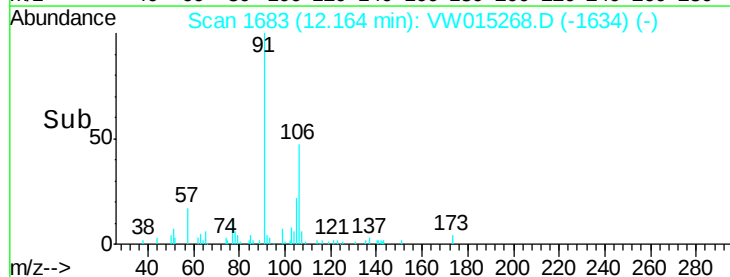
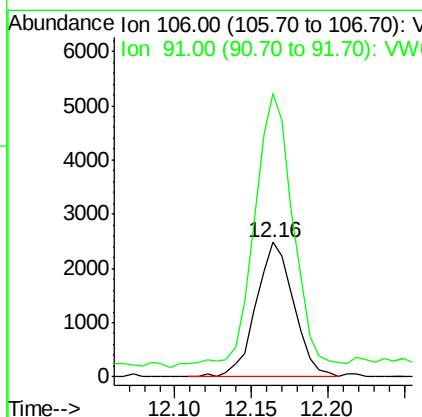
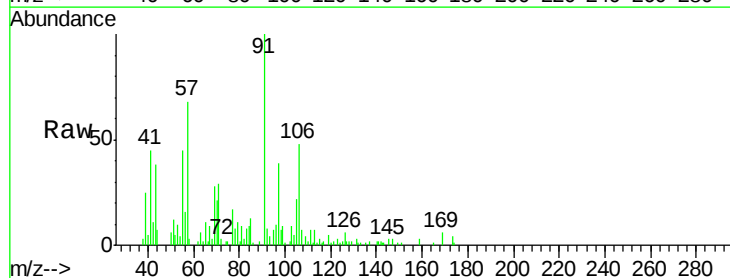
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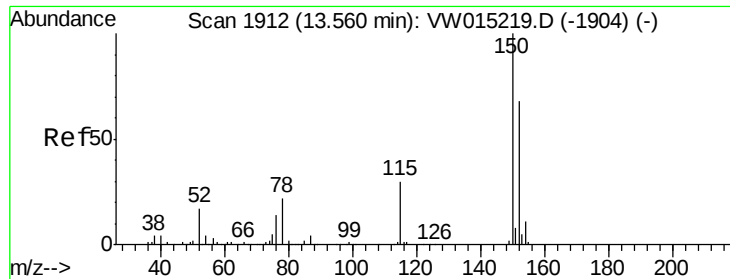
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4/22/2020 11:42:12 AM



#69
o-Xylene
Concen: 1.099 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Tgt Ion:106 Resp: 4248
Ion Ratio Lower Upper
106 100
91 209.7 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015268.D

Acq: 21 Apr 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

WB-1-2

Tot Ion:152 Resp: 131966

Ion Ratio Lower Upper

152 100

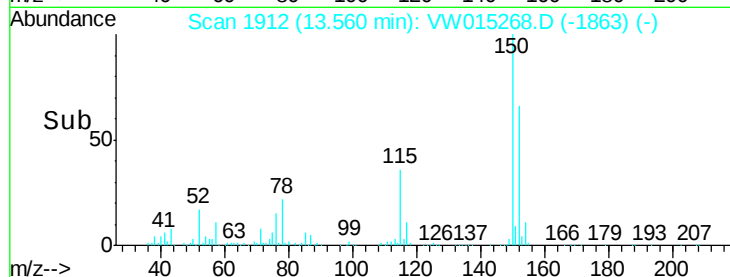
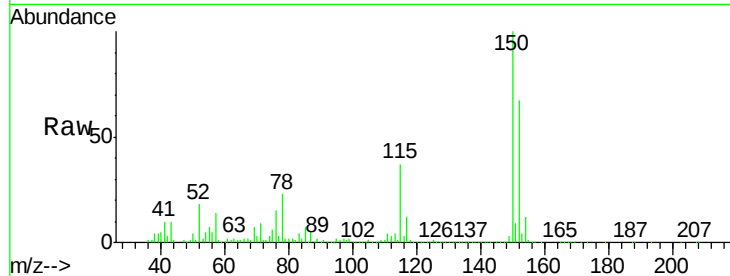
115 56.0 31.3 93.9

150 151.9 0.0 343.4

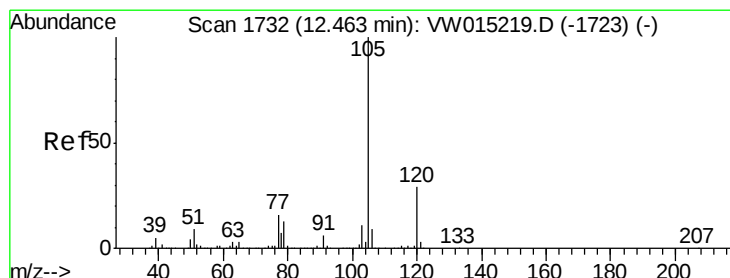
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Time-->



#73

Isopropylbenzene

Concen: 7.411 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015268.D

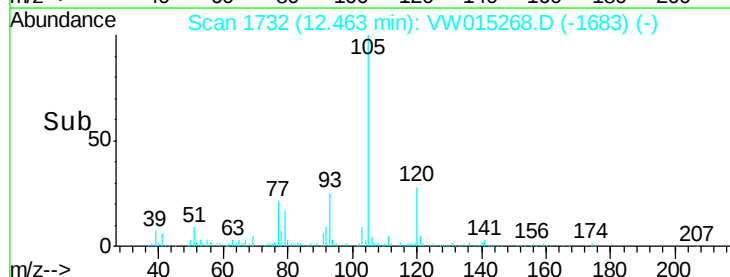
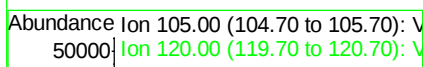
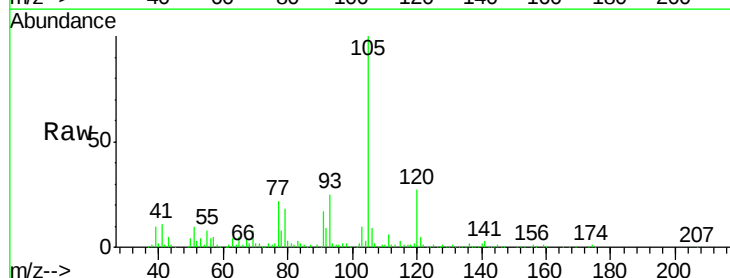
Acq: 21 Apr 2020 17:38

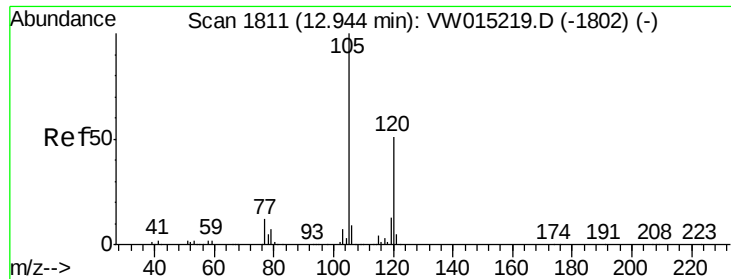
Tgt Ion:105 Resp: 67812

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1





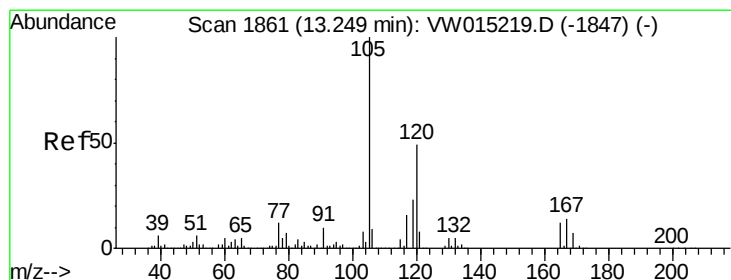
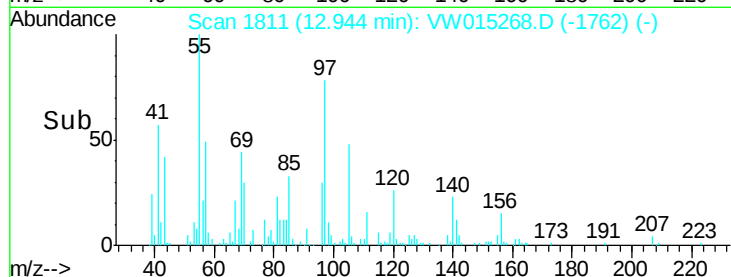
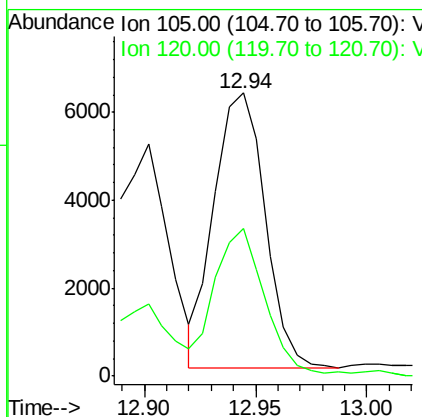
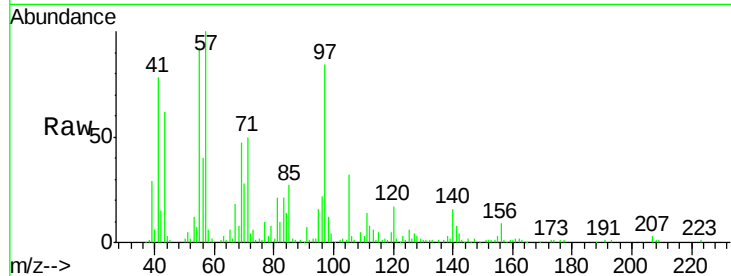
#80
 1,3,5-Trimethylbenzene
 Concen: 1.264 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW015268.D
 Acq: 21 Apr 2020 17:38

Instrument :
 MSVOA_W
 ClientSampled :
 WB-1-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.9	74.8

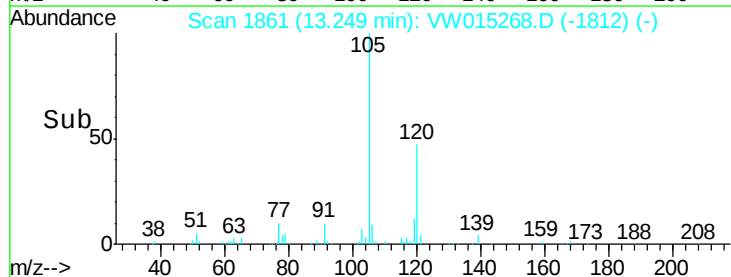
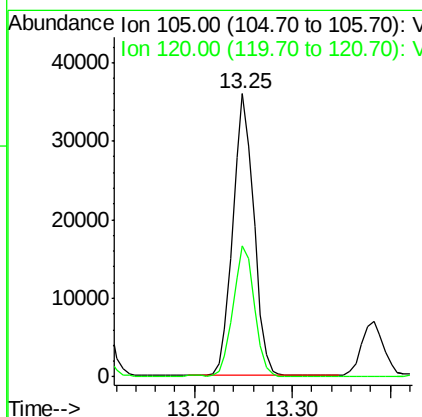
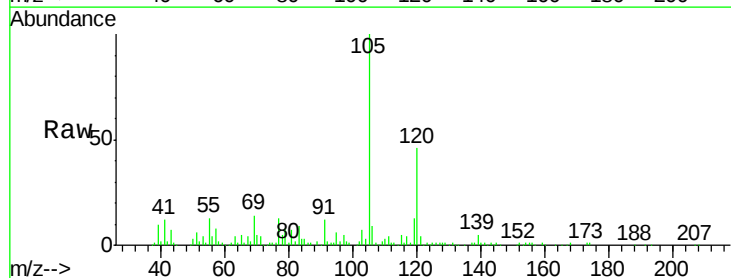
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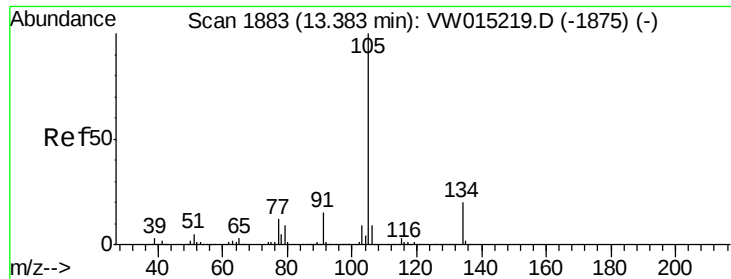
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#84
 1,2,4-Trimethylbenzene
 Concen: 6.908 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015268.D
 Acq: 21 Apr 2020 17:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.0	69.0





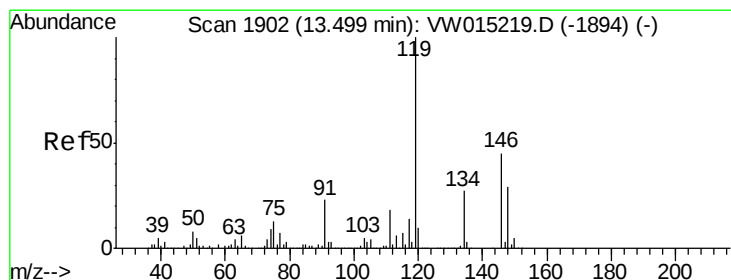
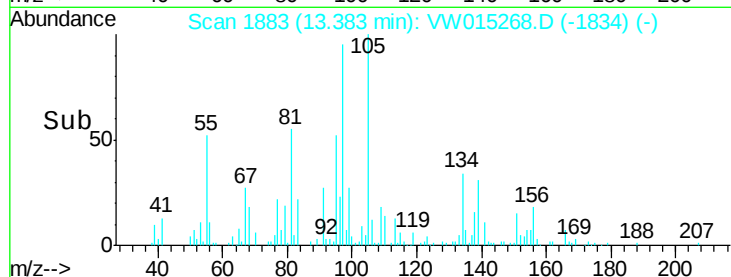
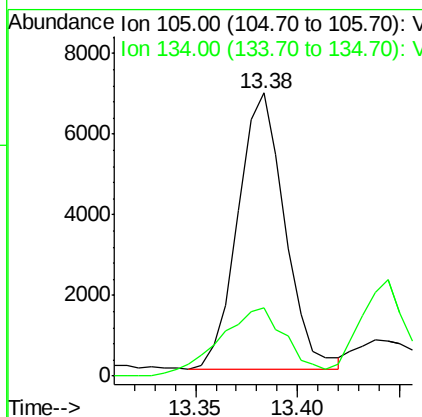
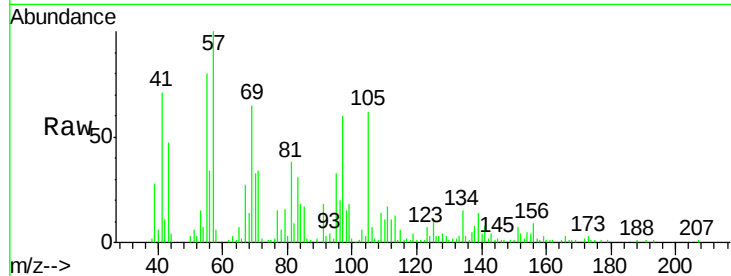
#85
 sec-Butylbenzene
 Concen: 1.148 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015268.D
 Acq: 21 Apr 2020 17:38

Instrument :
 MSVOA_W
 ClientSampled :
 WB-1-2

Tot Ion:105 Resp: 10922
 Ion Ratio Lower Upper
 105 100
 134 35.2 10.1 30.1#

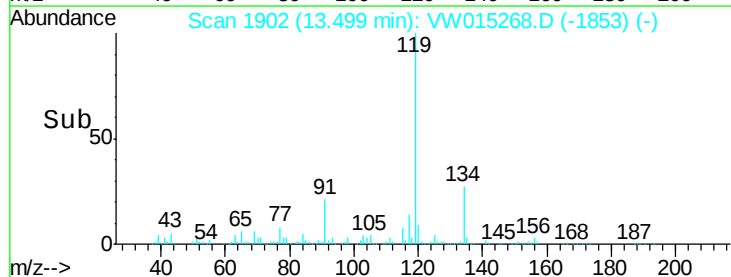
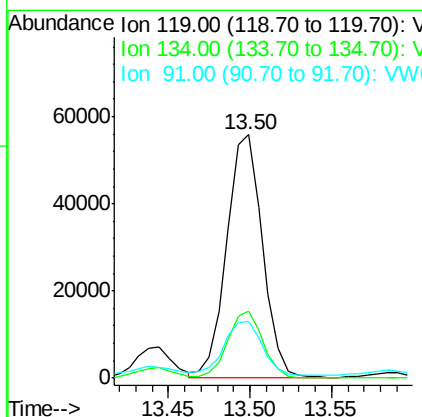
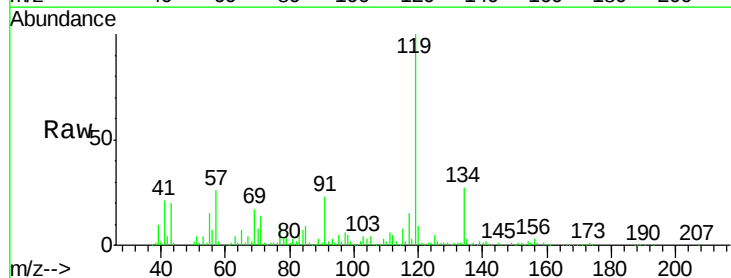
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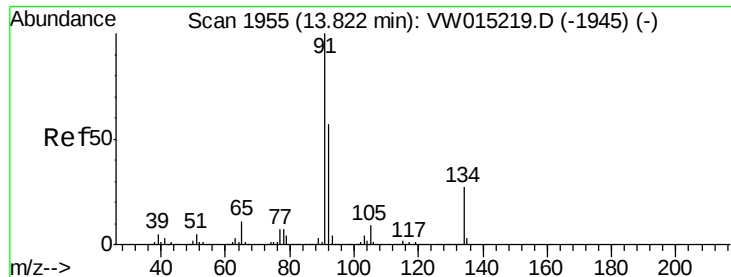
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#86
 p-Isopropyltoluene
 Concen: 9.546 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015268.D
 Acq: 21 Apr 2020 17:38

Tgt Ion:119 Resp: 84387
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 23.4 12.0 36.1





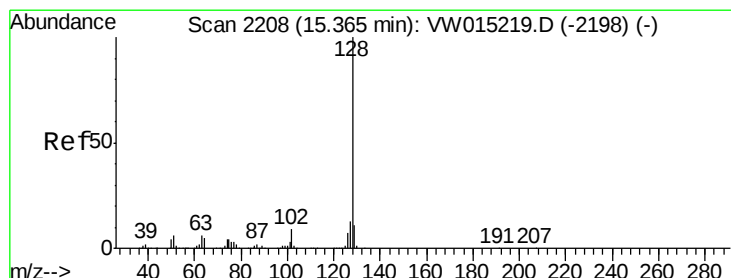
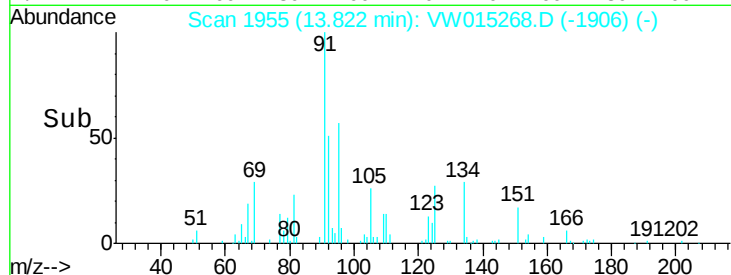
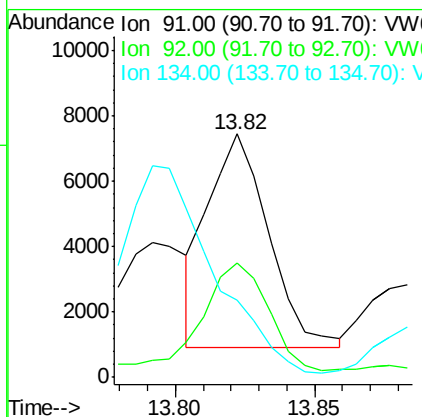
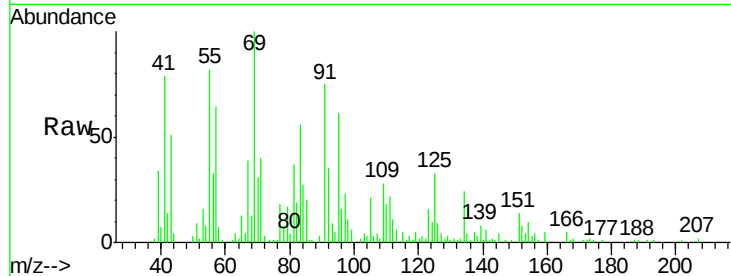
#89
n-Butylbenzene
Concen: 1.214 ug/l m
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Instrument :
MSVOA_W
ClientSampled :
WB-1-2

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.6	82.7
134	0.0	12.8	38.3#

Manual Integrations
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#95
Naphthalene
Concen: 48.205 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015268.D
Acq: 21 Apr 2020 17:38

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	12.8

