

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012004.D
 Acq On : 19 Aug 2019 21:45
 Operator : SY/VA
 Sample : K4391-09
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-2

Manual Integrations
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 8/20/2019 9:55:28 AM

Quant Time: Aug 20 06:34:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164971	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.88	113	133238	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	10.32	98	819058	81.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.62%	
62) 4-Bromofluorobenzene	12.62	95	254579	70.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	8111	8.170	ug/l	98
17) Carbon Disulfide	4.38	76	9028	1.019	ug/l	96
31) Cyclohexane	7.96	56	272914	46.768	ug/l	99
39) Methylcyclohexane	9.34	83	2704055	538.517	ug/l	99
67) Ethyl Benzene	11.73	91	32191	2.415	ug/l	98
68) m/p-Xylenes	11.84	106	157659	32.527	ug/l	96
69) o-Xylene	12.16	106	12423	2.758	ug/l	39
73) Isopropylbenzene	12.46	105	125009	10.818	ug/l	99
78) n-propylbenzene	12.80	91	174385	12.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1152909	119.022	ug/l	98
83) tert-Butylbenzene	13.21	119	58948	7.277	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	2063404	211.462	ug/l	99
85) sec-Butylbenzene	13.38	105	166609	14.415	ug/l #	67
86) p-Isopropyltoluene	13.50	119	137649	13.126	ug/l	97
89) n-Butylbenzene	13.82	91	61910m	5.916	ug/l	
95) Naphthalene	15.36	128	605435	96.983	ug/l	97

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

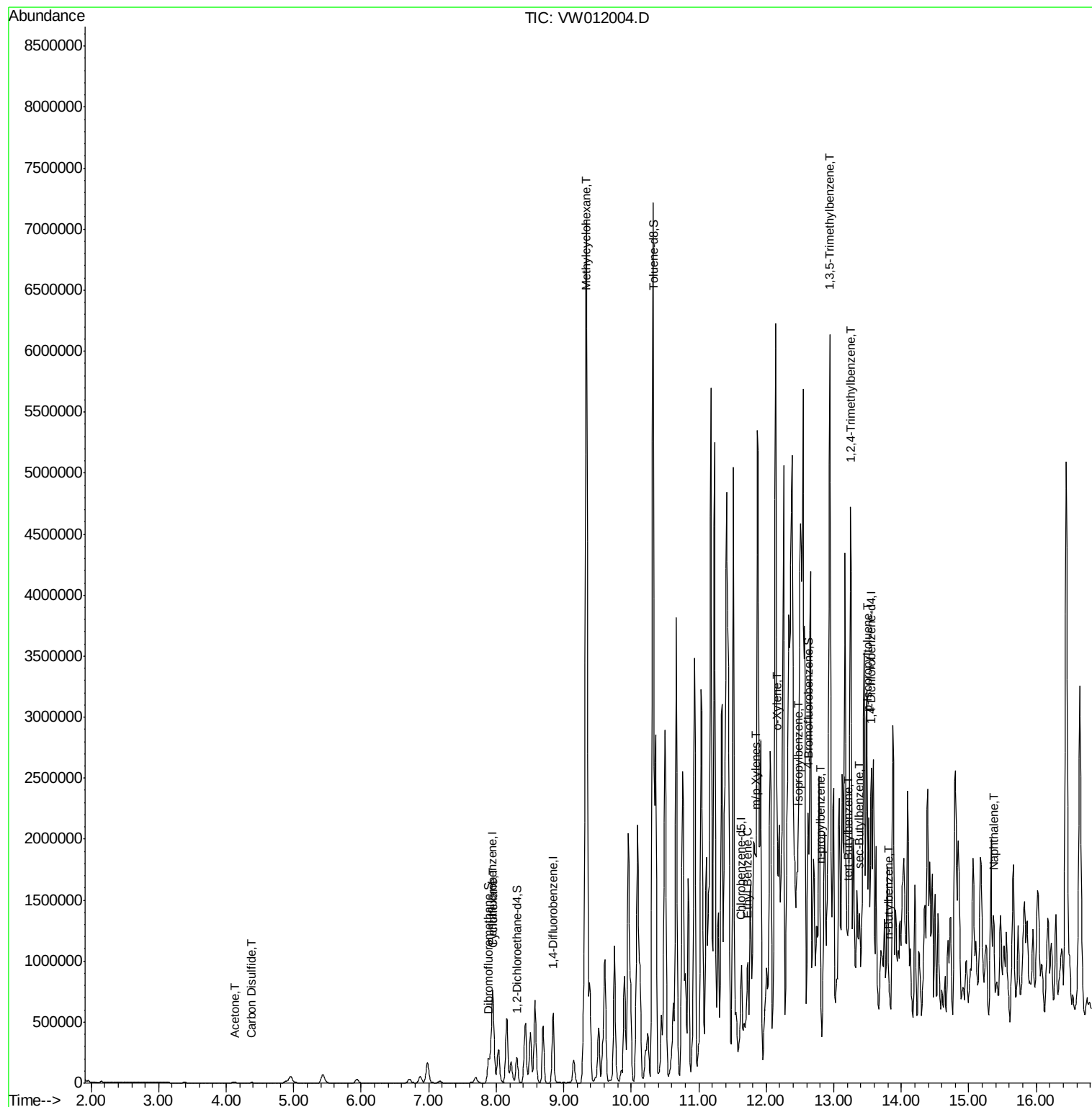
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
Data File : VW012004.D
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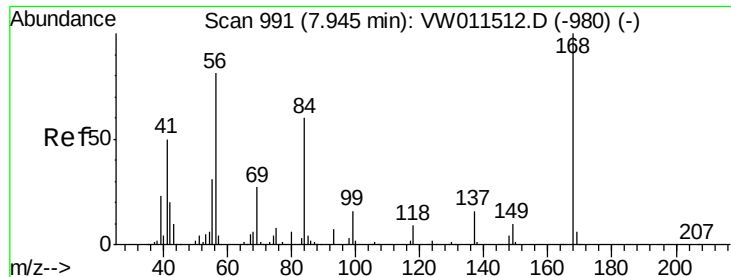
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-2

Manual Integrations
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Quant Time: Aug 20 06:34:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012004.D

Acq: 19 Aug 2019 21:45

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-2

Tot Ion:168 Resp: 271800

Ion Ratio Lower Upper

168 100

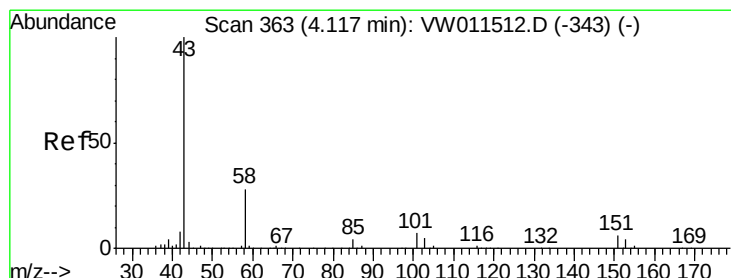
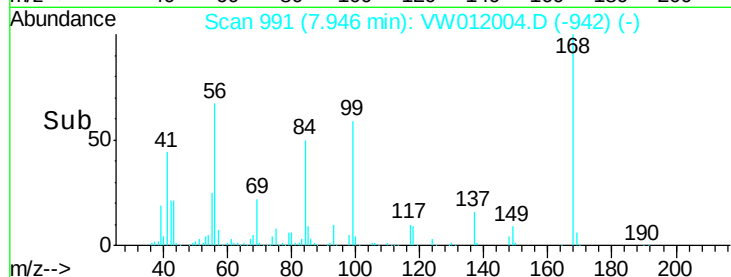
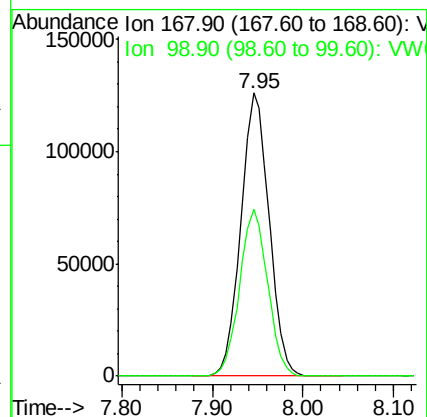
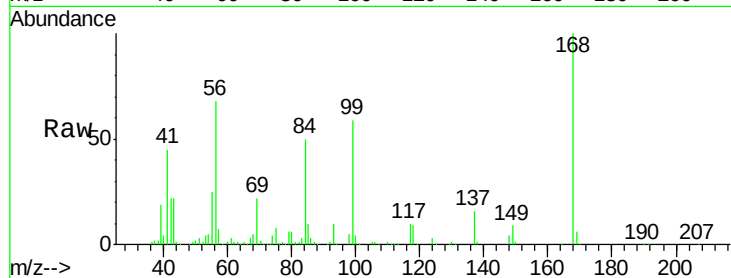
99 59.0 48.2 72.4

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#16

Acetone

Concen: 8.170 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012004.D

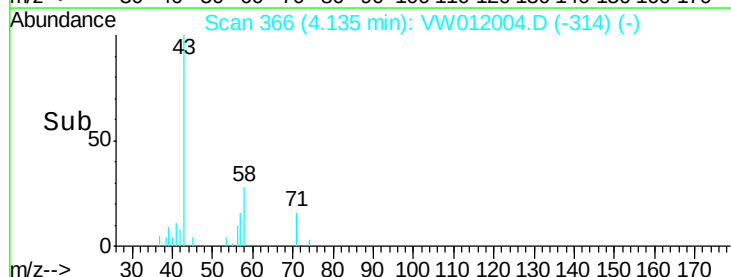
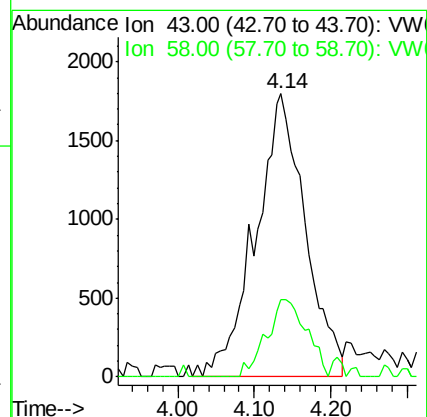
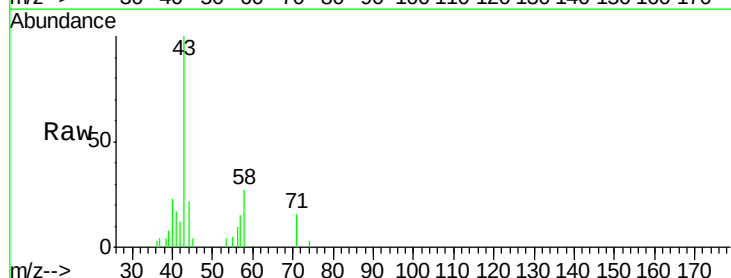
Acq: 19 Aug 2019 21:45

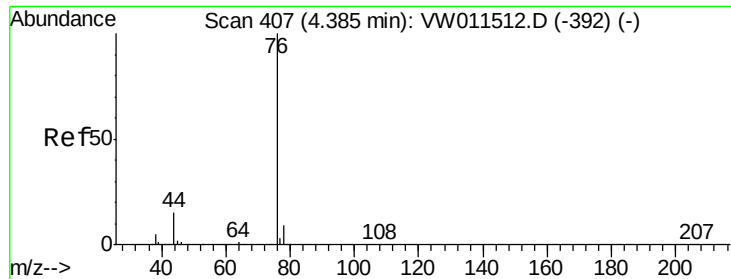
Tgt Ion: 43 Resp: 8111

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5





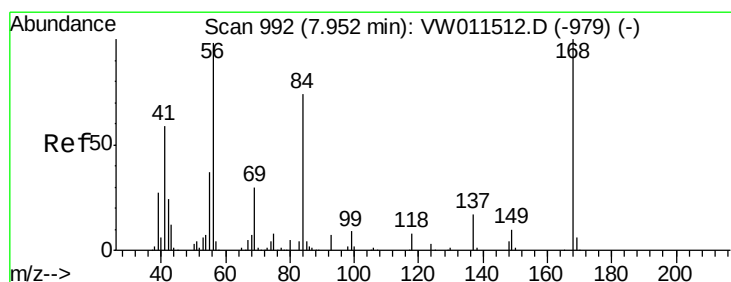
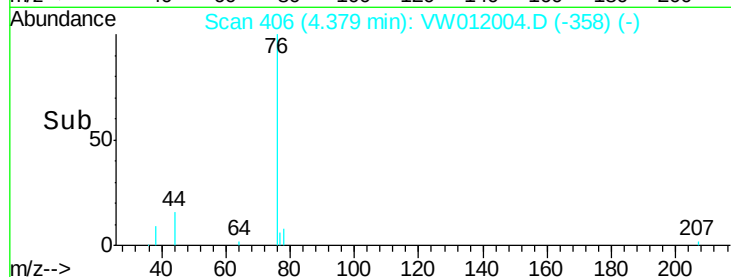
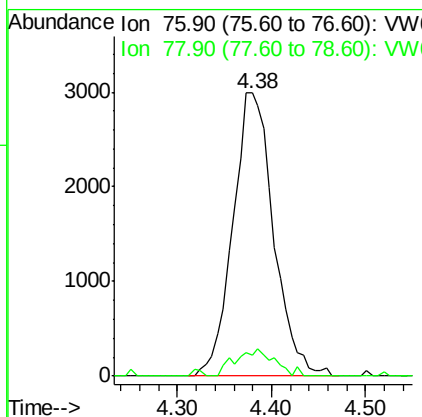
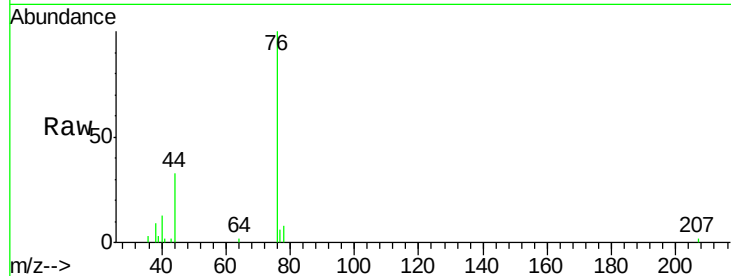
#17
Carbon Disulfide
Concen: 1.019 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-2

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.1	10.7

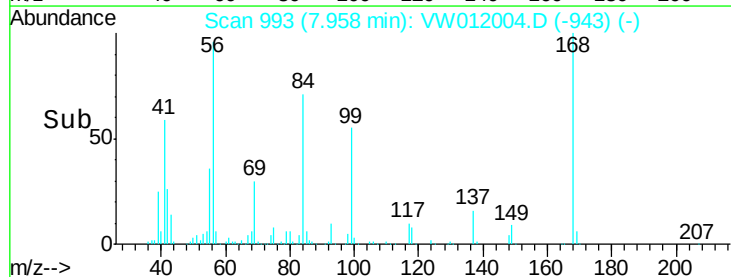
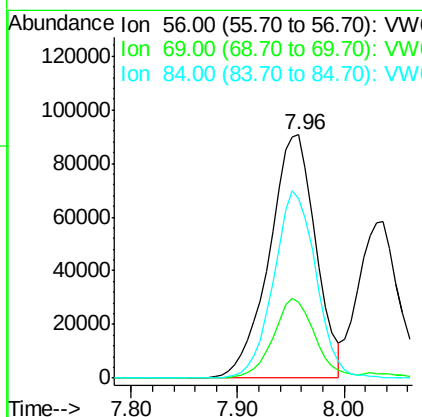
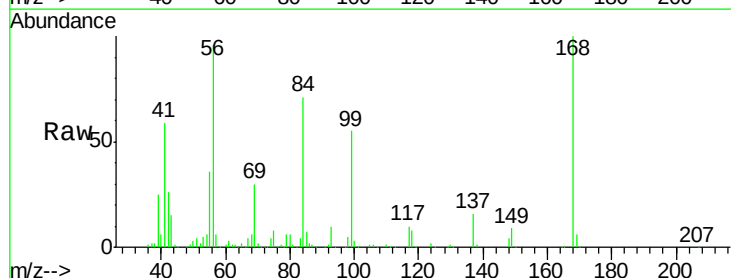
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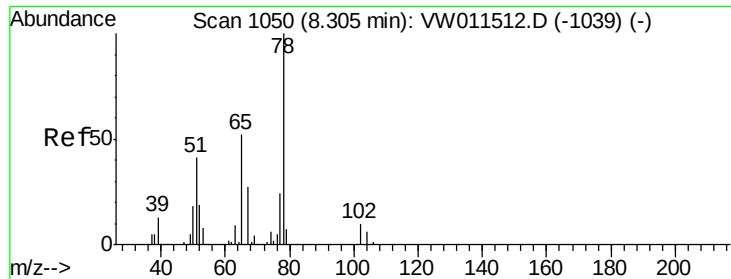
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#31
Cyclohexane
Concen: 46.768 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.3	36.5
84	74.0	60.4	90.6





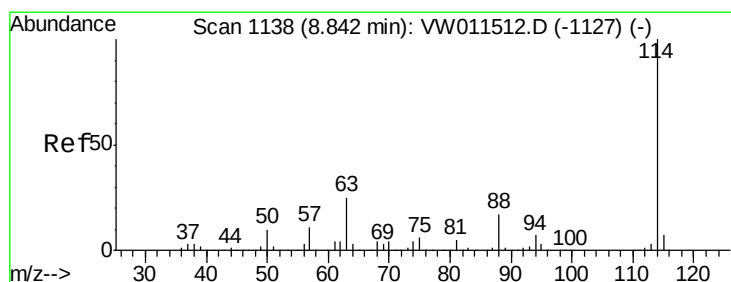
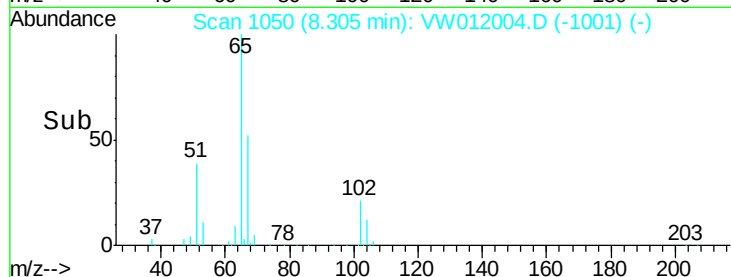
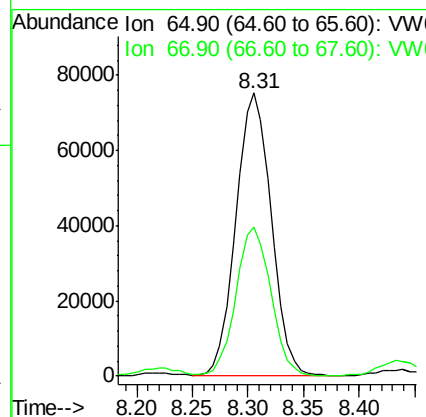
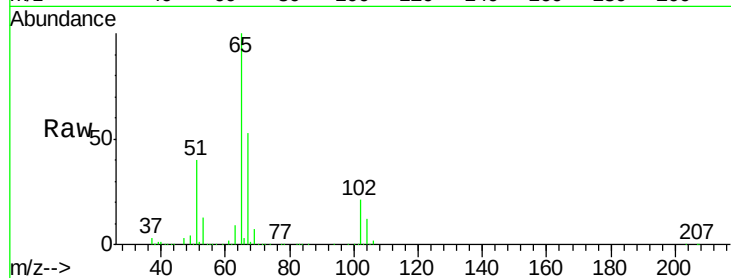
#33
 1,2-Dichloroethane-d4
 Concen: 52.858 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012004.D
 Acq: 19 Aug 2019 21:45

Instrument :
 MSVOA_W
 ClientSampleId :
 BOTTOM-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	164971		
67	52.0	0.0	105.2	

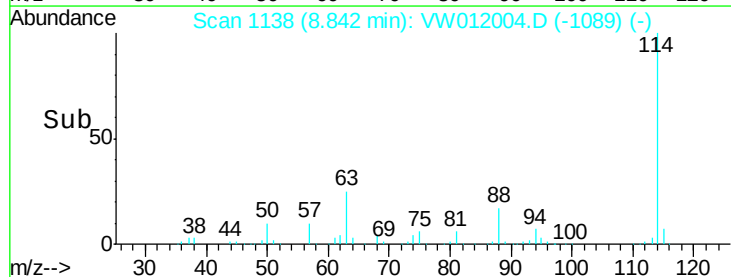
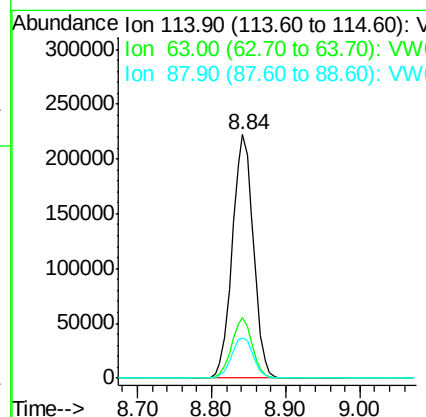
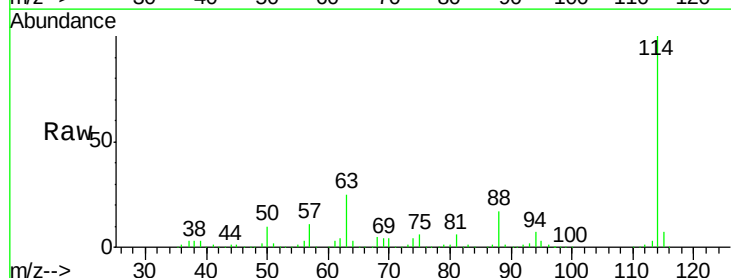
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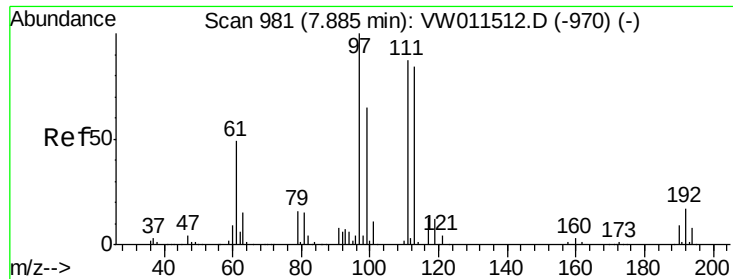
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012004.D
 Acq: 19 Aug 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438556		
63	25.1	0.0	49.2	
88	16.7	0.0	33.8	





#35

Dibromofluoromethane

Concen: 54.153 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012004.D

Acq: 19 Aug 2019 21:45

Instrument :

MSVOA_W

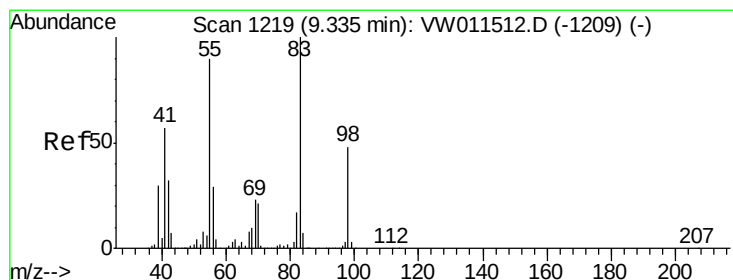
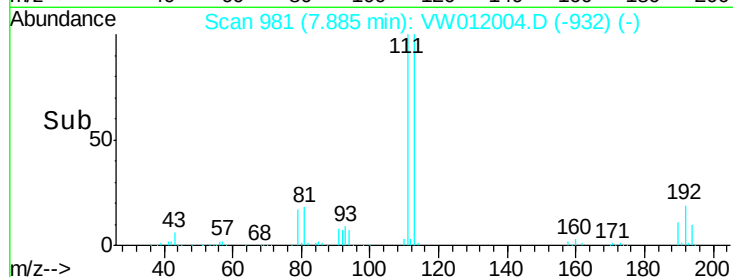
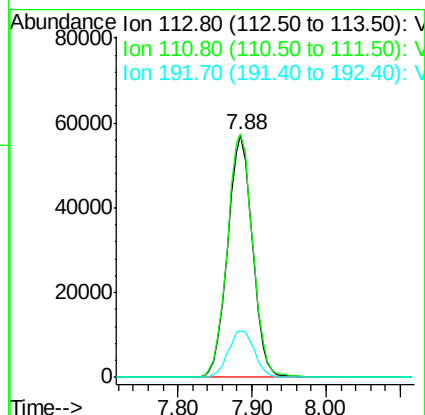
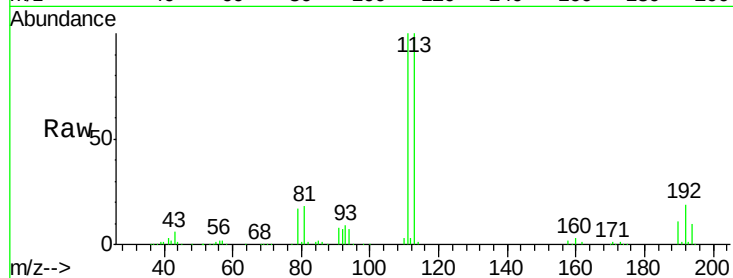
ClientSampleId :

BOTTOM-2

Tot Ion:	113	Resp:	133238
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.7	124.1
192	20.3	16.1	24.1

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#39

Methylcyclohexane

Concen: 538.517 ug/l

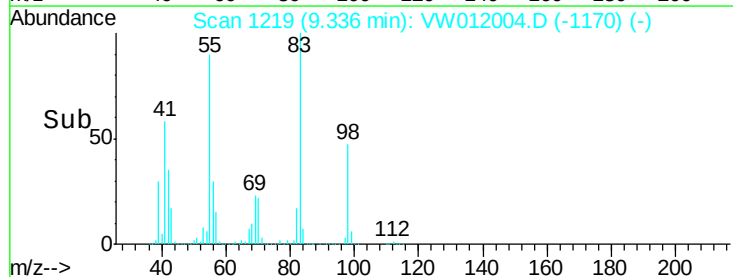
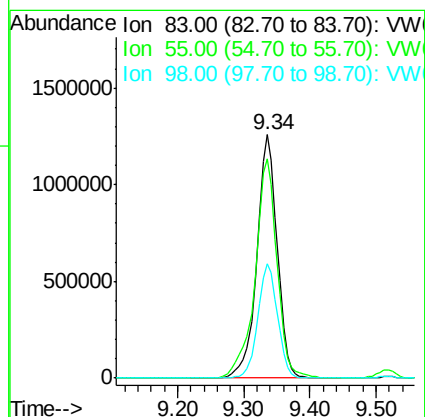
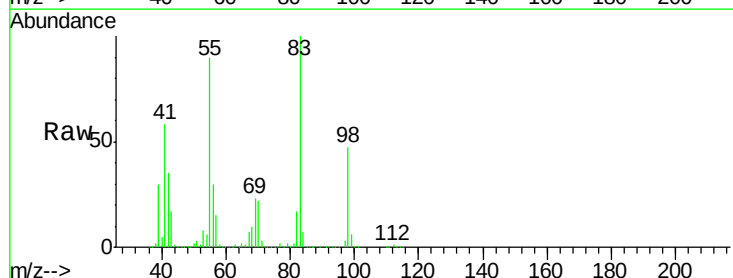
RT: 9.34 min Scan# 1219

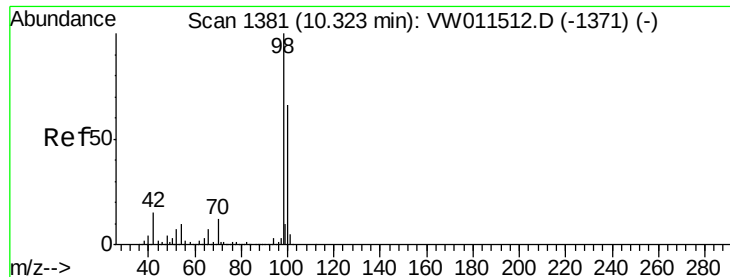
Delta R.T. 0.00 min

Lab File: VW012004.D

Acq: 19 Aug 2019 21:45

Tgt Ion:	83	Resp:	2704055
Ion Ratio	Lower	Upper	
83	100		
55	90.2	72.1	108.1
98	46.8	38.6	57.8





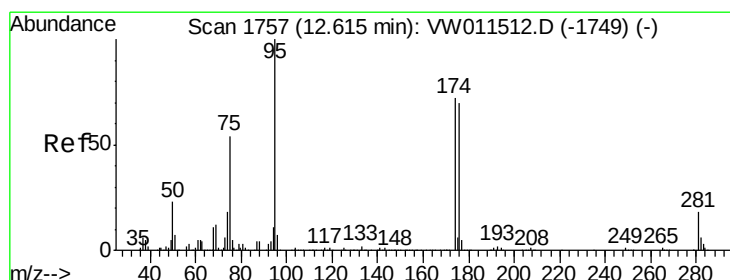
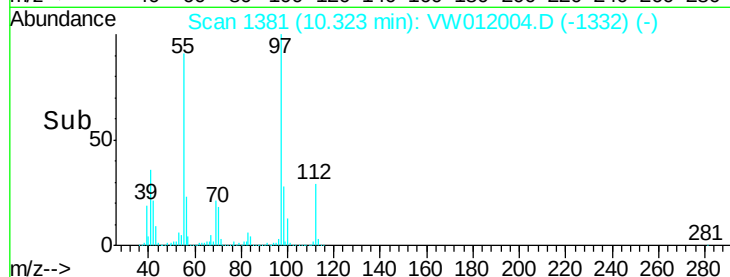
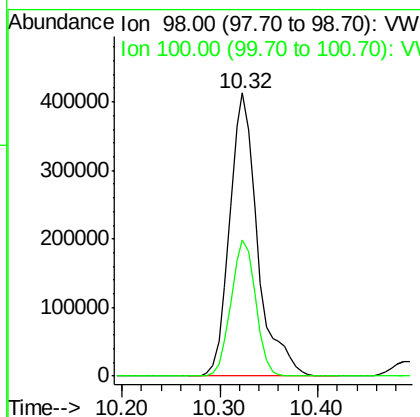
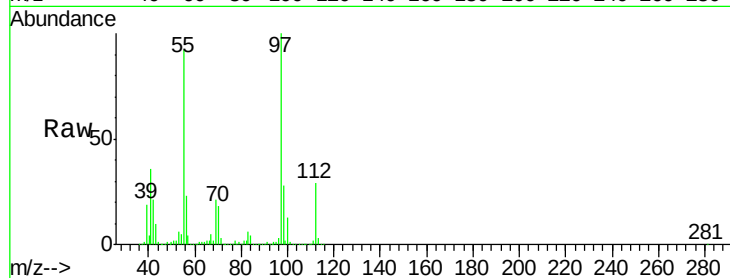
#50
Toluene-d8
Concen: 81.308 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-2

Tot Ion: 98 Resp: 819058
Ion Ratio Lower Upper
98 100
100 42.3 52.7 79.1#

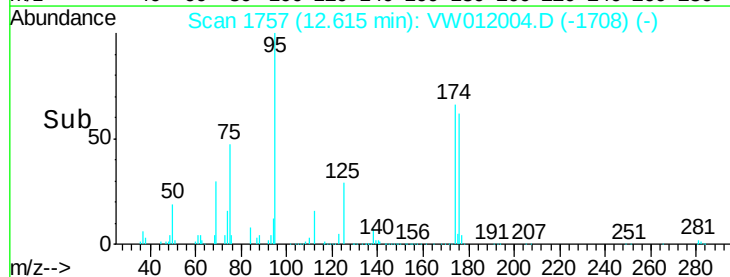
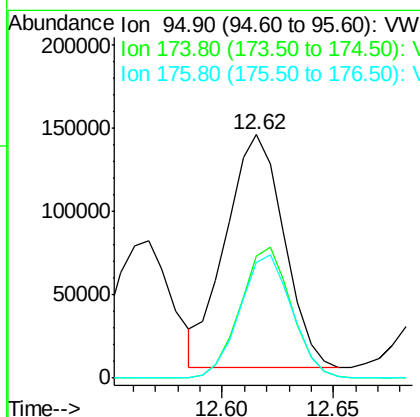
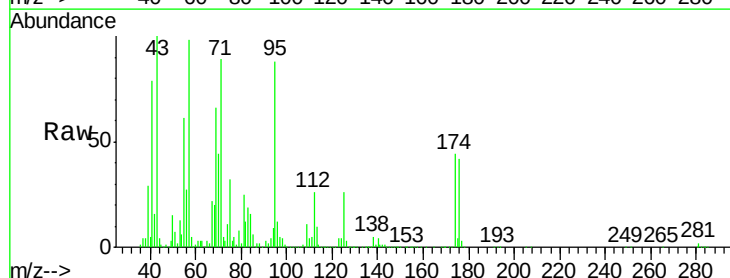
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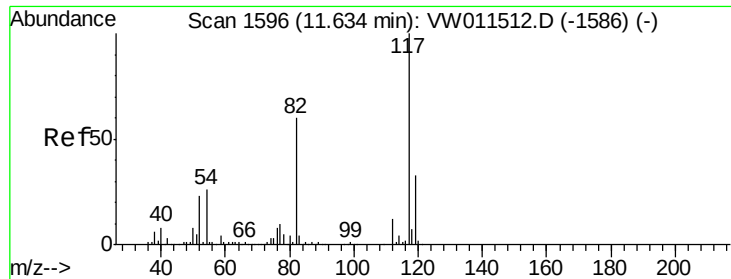
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#62
4-Bromofluorobenzene
Concen: 70.886 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Tgt Ion: 95 Resp: 254579
Ion Ratio Lower Upper
95 100
174 49.4 0.0 150.2
176 47.4 0.0 144.4





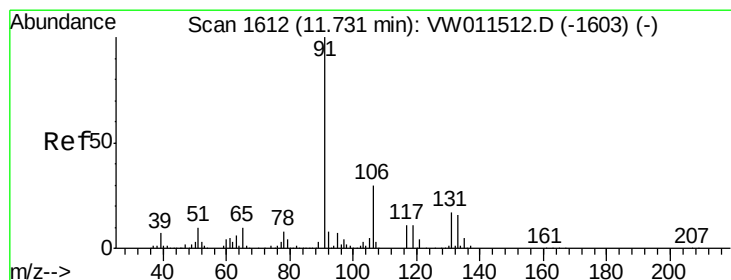
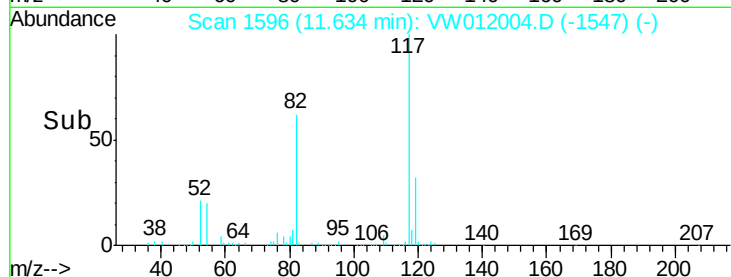
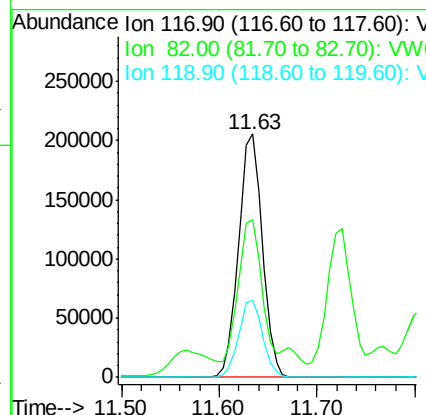
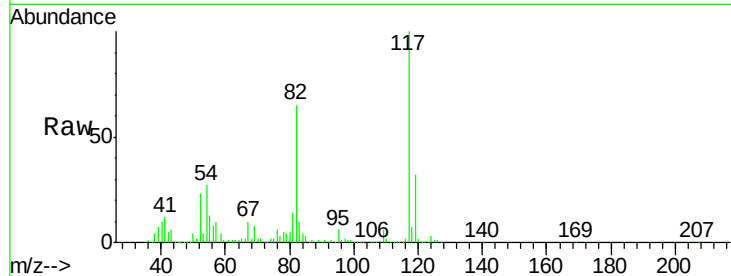
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Instrument :
MSVOA_W
ClientSampled :
BOTTOM-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	348080		
82	54.8	47.9	71.9	
119	31.8	26.2	39.2	

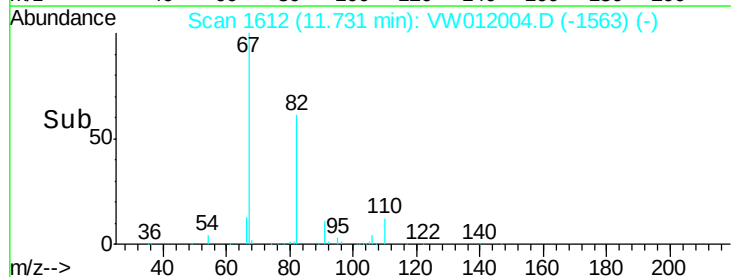
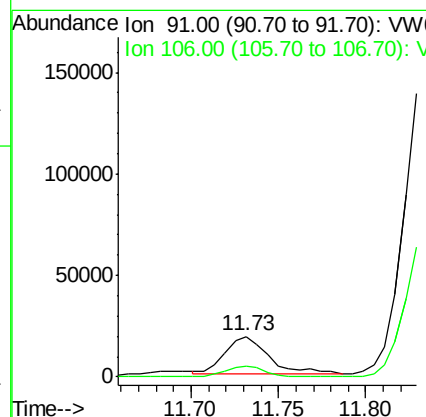
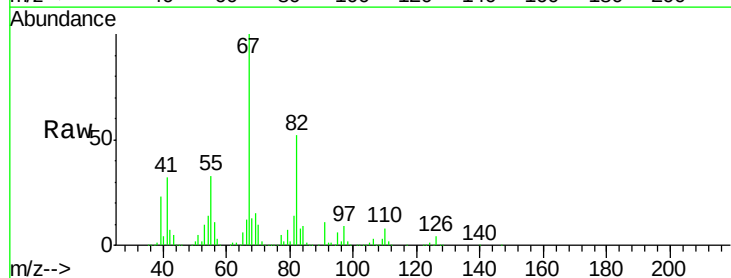
Manual Integrations
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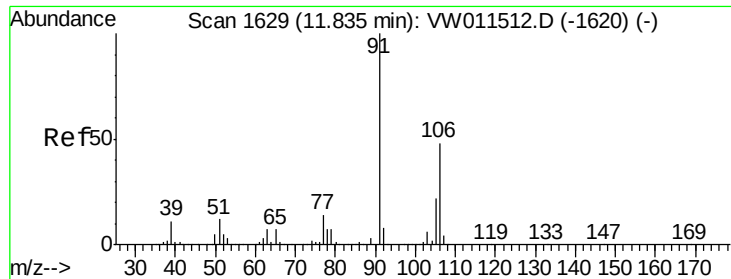
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#67
Ethyl Benzene
Concen: 2.415 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	32191		
106	28.5	23.8	35.6	





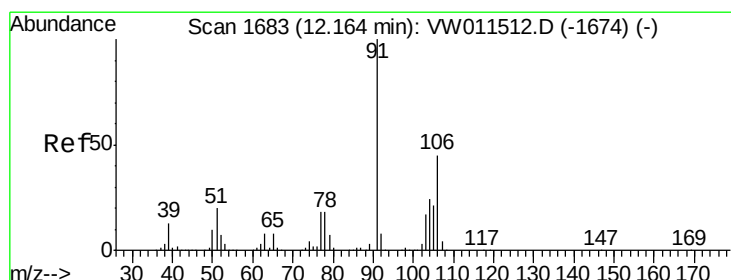
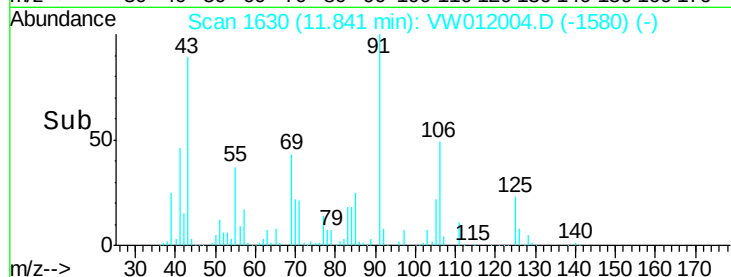
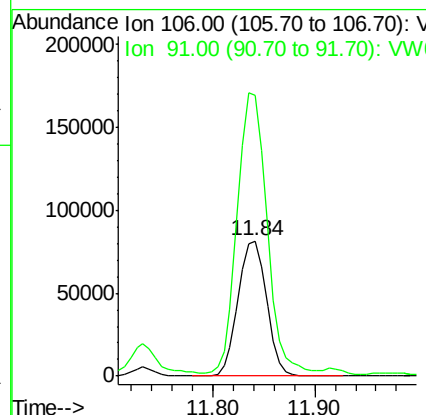
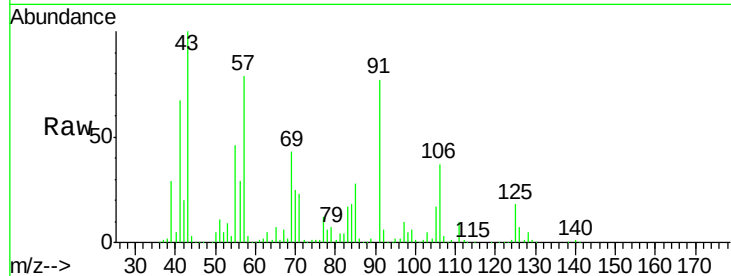
#68
m/p-Xylenes
Concen: 32.527 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Instrument :
MSVOA_W
ClientSampled :
BOTTOM-2

Tot Ion:106 Resp: 157659
Ion Ratio Lower Upper
106 100
91 216.7 168.2 252.2

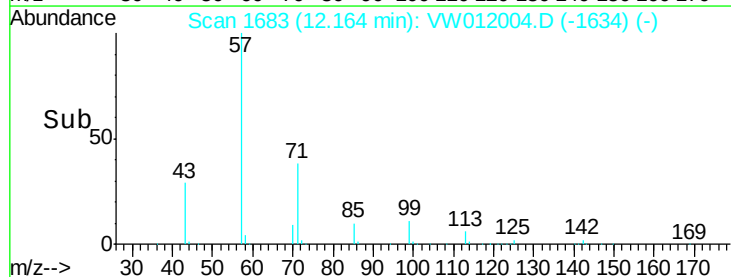
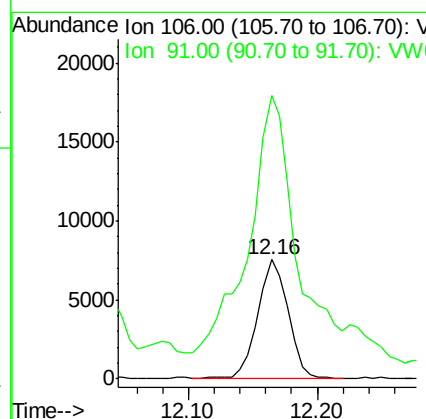
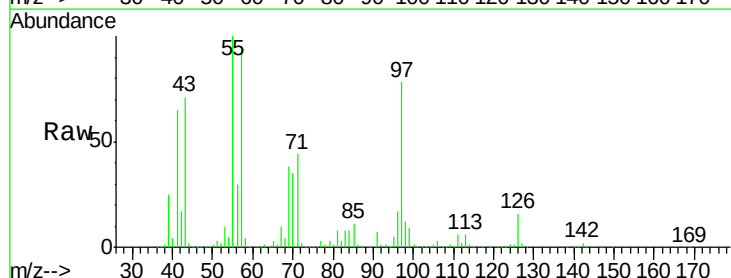
Manual Integrations
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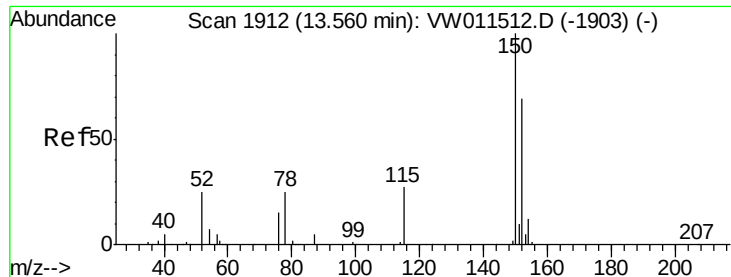
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#69
o-Xylene
Concen: 2.758 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Tgt Ion:106 Resp: 12423
Ion Ratio Lower Upper
106 100
91 319.3 110.5 331.5





#72

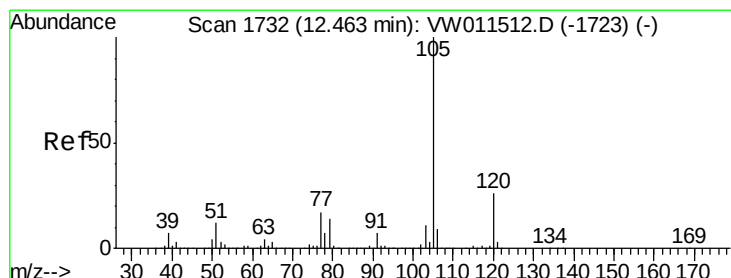
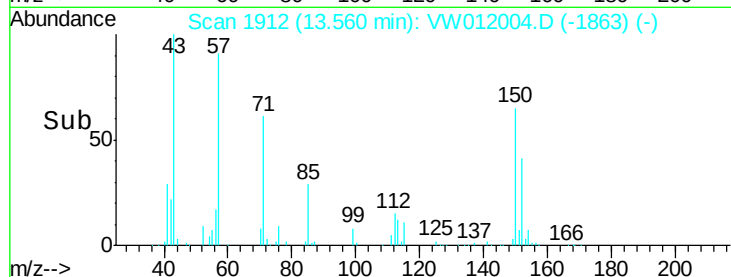
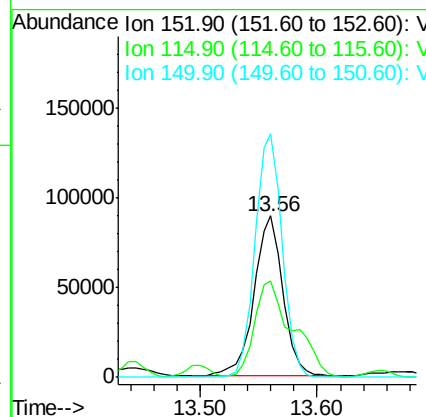
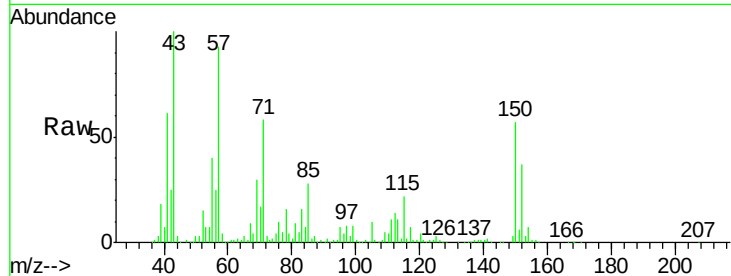
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-2

Tot Ion	Ratio	Resp	Lower	Upper
152	100	154897		
115	78.0	30.5	91.5	
150	141.3	0.0	352.6	

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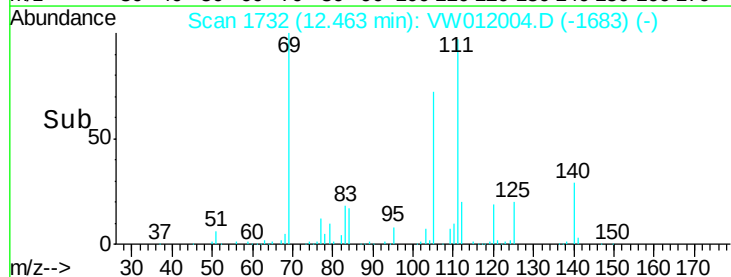
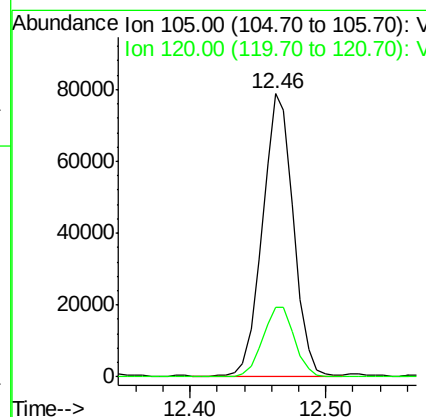
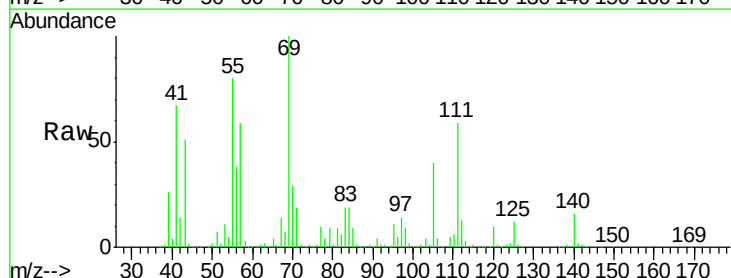
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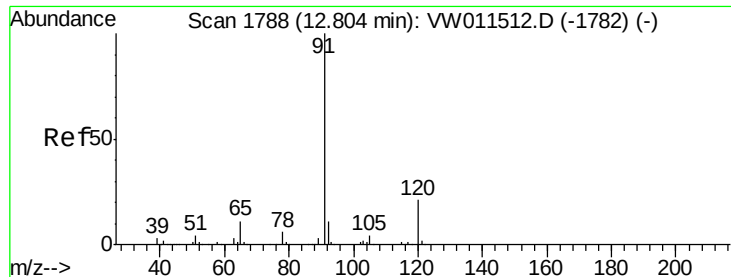


#73

Isopropylbenzene
Concen: 10.818 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	125009		
120	25.5	12.9	38.7	





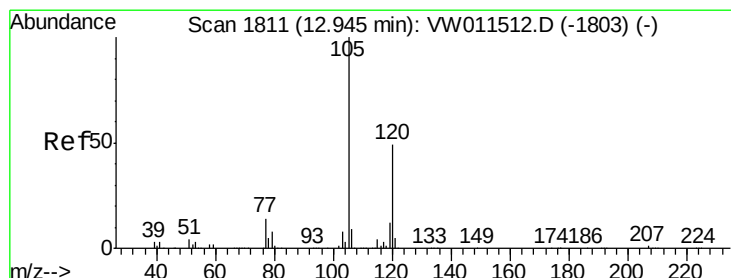
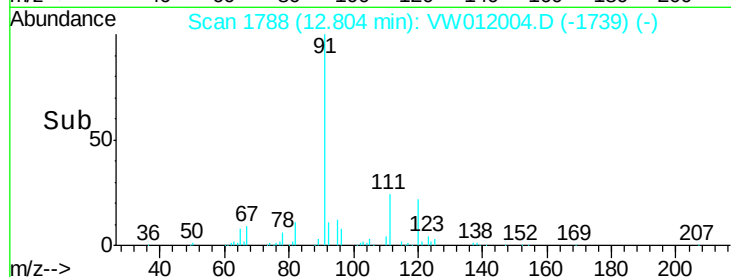
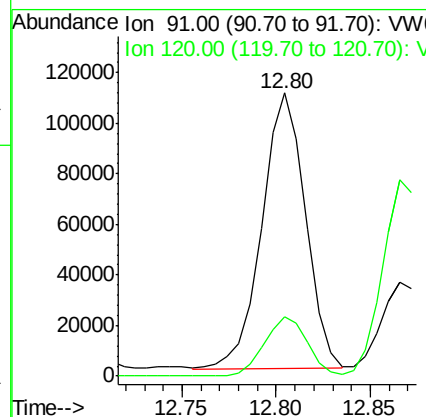
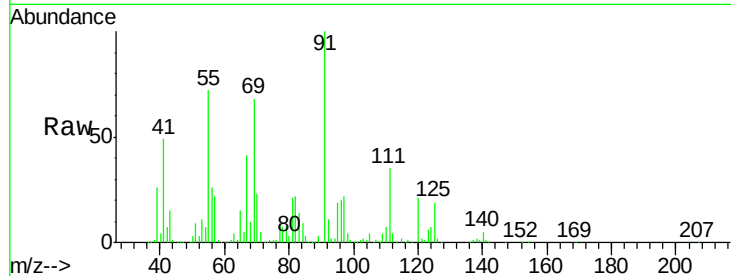
#78
n-propylbenzene
Concen: 12.400 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-2

Tot Ion: 91 Resp: 174385
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7

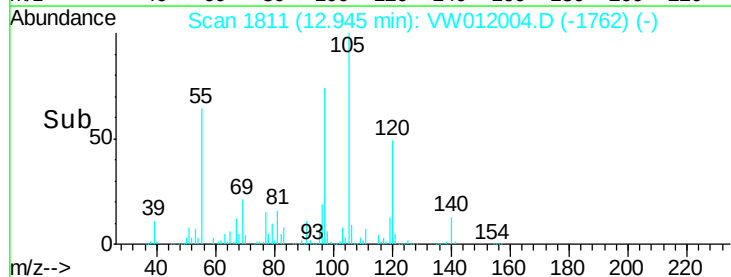
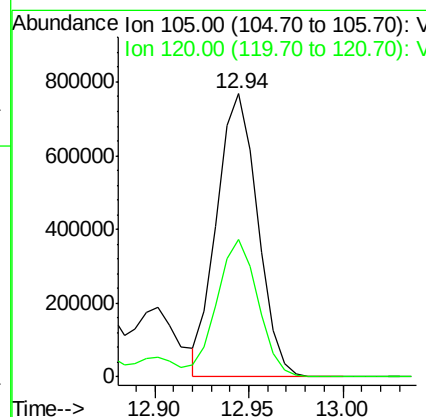
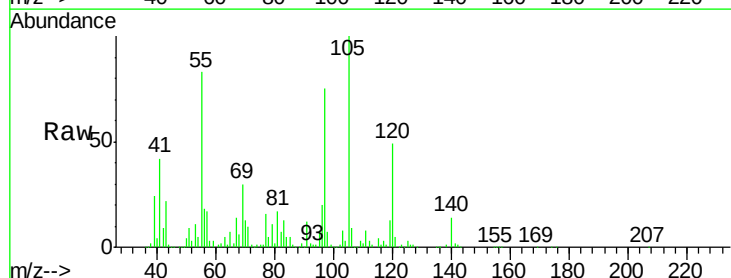
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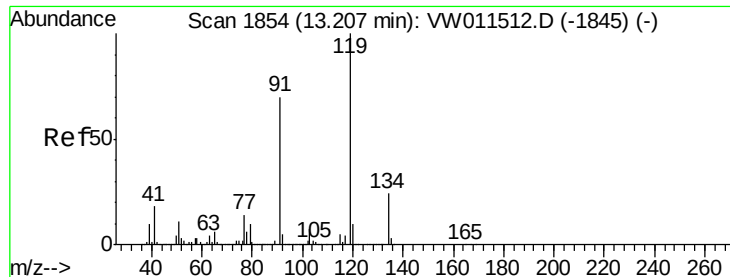
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#80
1,3,5-Trimethylbenzene
Concen: 119.022 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Tgt Ion:105 Resp: 1152909
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3





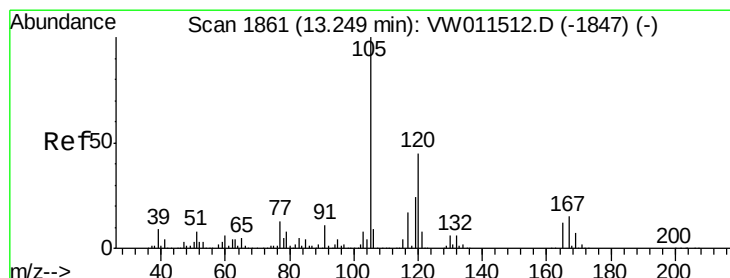
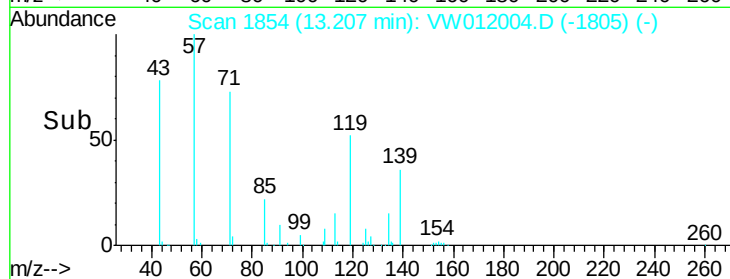
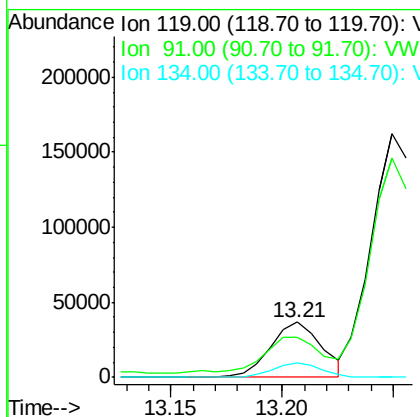
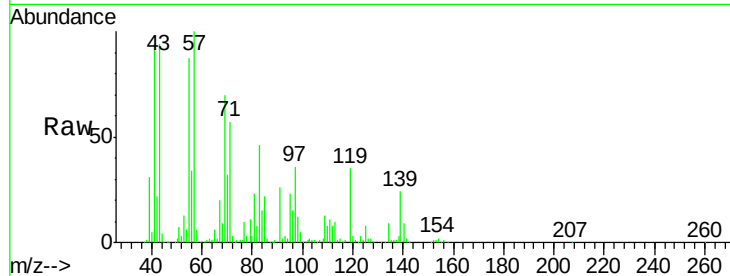
#83
tert-Butylbenzene
Concen: 7.277 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-2

Tot Ion	Ratio	Lower	Upper
119	100		
91	74.1	34.5	103.6
134	24.8	12.4	37.4

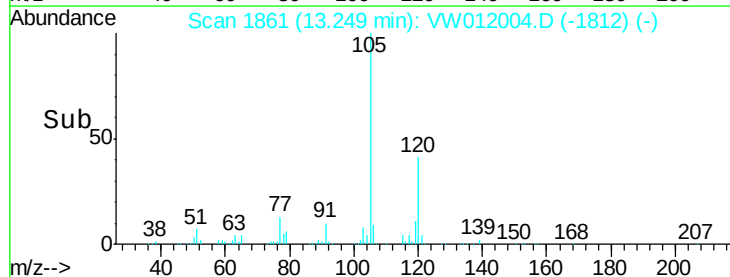
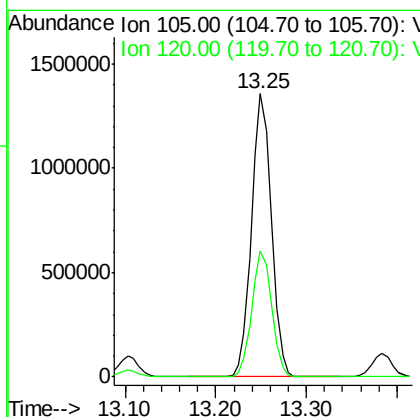
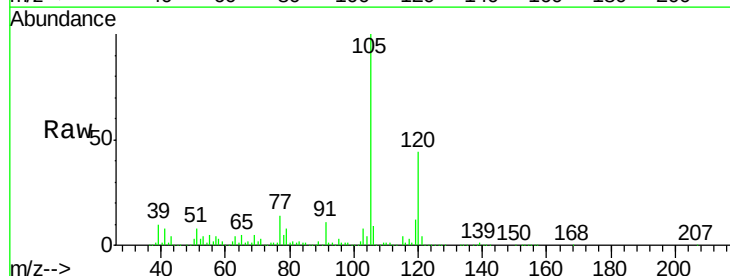
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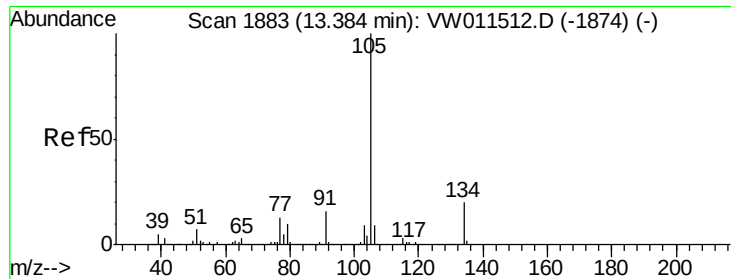
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#84
1,2,4-Trimethylbenzene
Concen: 211.462 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012004.D
Acq: 19 Aug 2019 21:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.5





#85

sec-Butylbenzene

Concen: 14.415 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012004.D

Acq: 19 Aug 2019 21:45

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-2

Tot Ion:105 Resp: 166609

Ion Ratio Lower Upper

105 100

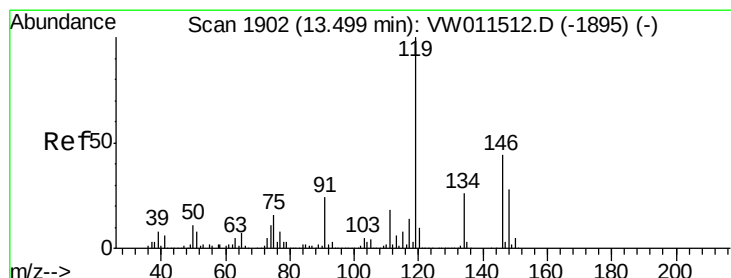
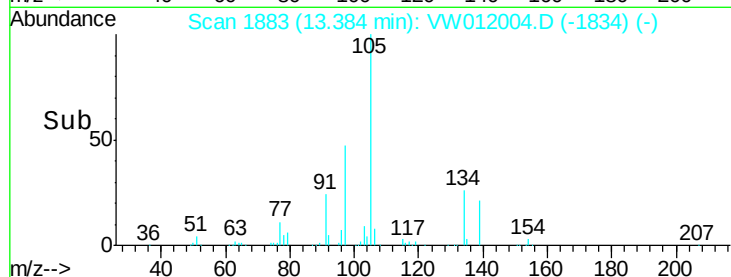
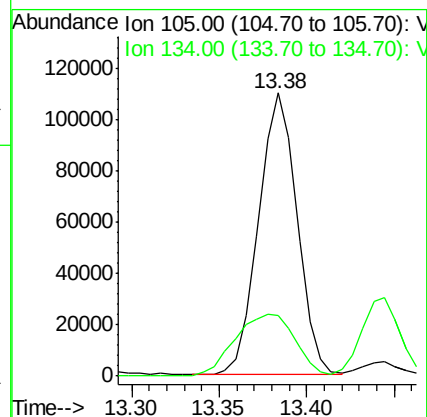
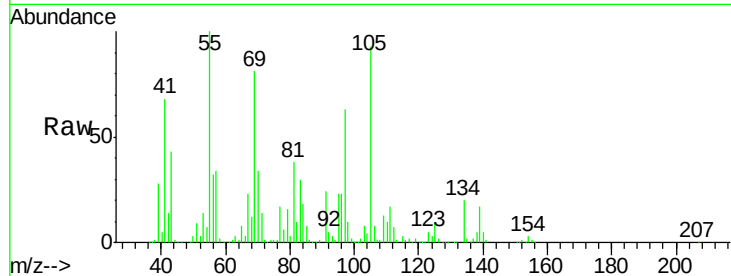
134 34.6 9.7 29.1#

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 13.126 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012004.D

Acq: 19 Aug 2019 21:45

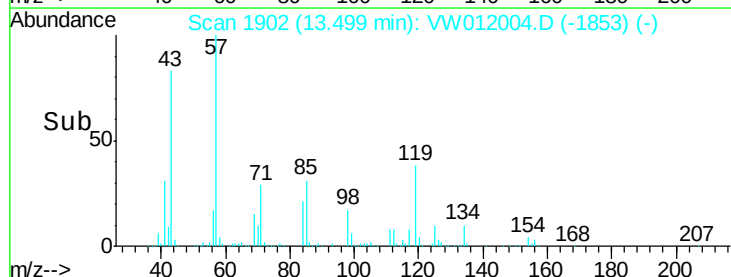
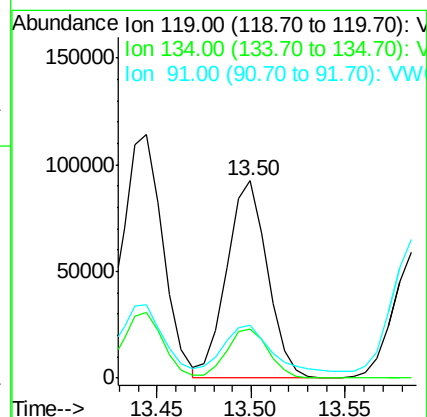
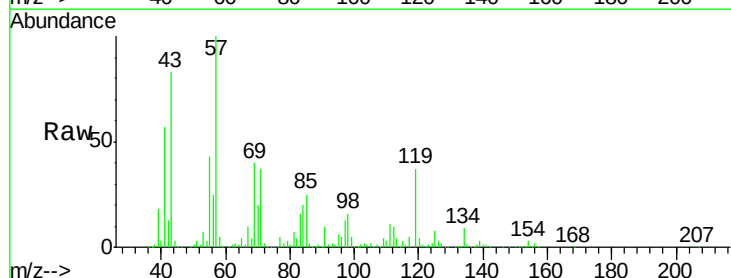
Tgt Ion:119 Resp: 137649

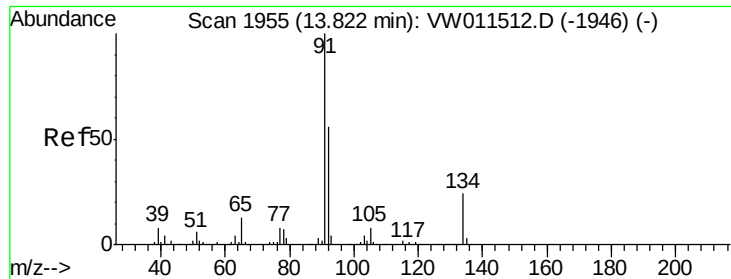
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 26.8 12.1 36.3





#89

n-Butylbenzene

Concen: 5.916 ug/l m

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012004.D

Acq: 19 Aug 2019 21:45

Instrument :

MSVOA_W

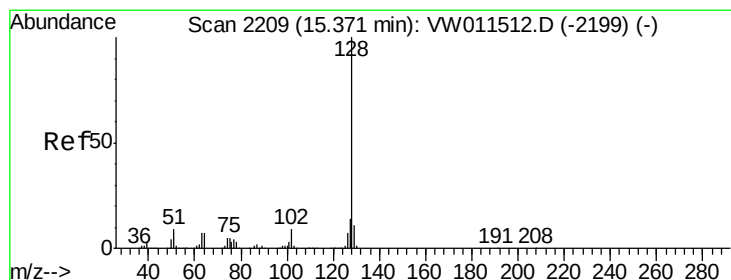
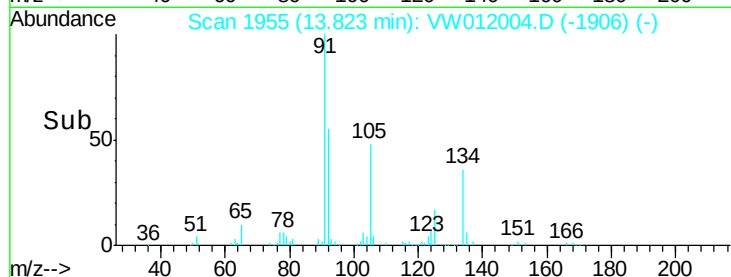
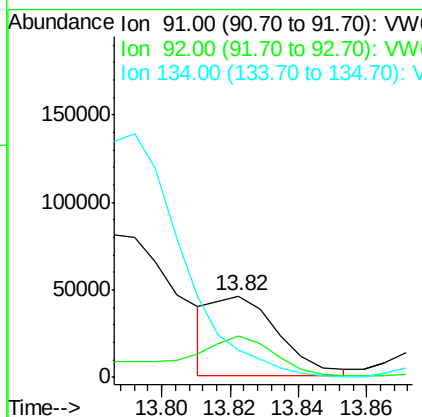
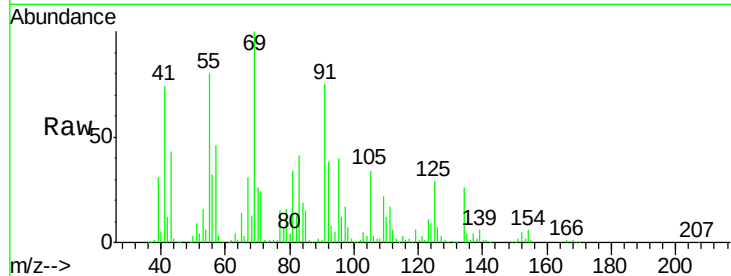
ClientSampleId :

BOTTOM-2

Tot Ion:	91	Resp:	61910
Ion Ratio	Lower	Upper	
91	100		
92	0.0	27.5	82.4#
134	418.3	12.2	36.6#

Manual Integrations
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#95

Naphthalene

Concen: 96.983 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW012004.D

Acq: 19 Aug 2019 21:45

Tgt Ion:	128	Resp:	605435
Ion Ratio	Lower	Upper	
128	100		
127	15.0	10.6	16.0
129	11.3	8.6	13.0

