

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008840.D
 Acq On : 26 Feb 2019 19:31
 Operator : SY/VA
 Sample : K1594-31
 Misc : 6.82G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-4B(14-15)

Manual Integrations
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MMDadoda
 3/6/2019 9:14:48 AM

Quant Time: Feb 27 07:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	363517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	556553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	493111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	185753	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	167027	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.32	98	666457	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.62	95	231143	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	93285	118.040	ug/l #	82
31) Cyclohexane	7.95	56	352730	54.877	ug/l	94
39) Methylcyclohexane	9.34	83	270798	40.073	ug/l	100
52) Toluene	10.39	92	35490	3.535	ug/l	96
67) Ethyl Benzene	11.73	91	5256241	283.574	ug/l	100
68) m/p-Xylenes	11.84	106	4041522	545.712	ug/l	99
69) o-Xylene	12.16	106	40270	5.793	ug/l	94
73) Isopropylbenzene	12.46	105	454132	27.536	ug/l	100
78) n-propylbenzene	12.80	91	1459864	72.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1461312	101.960	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	4075488	274.700	ug/l	99
85) sec-Butylbenzene	13.38	105	56538m	3.173	ug/l	
86) p-Isopropyltoluene	13.50	119	23255	1.424	ug/l #	75
89) n-Butylbenzene	13.82	91	58942	3.851	ug/l #	74
95) Naphthalene	15.37	128	840828	95.131	ug/l	99

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

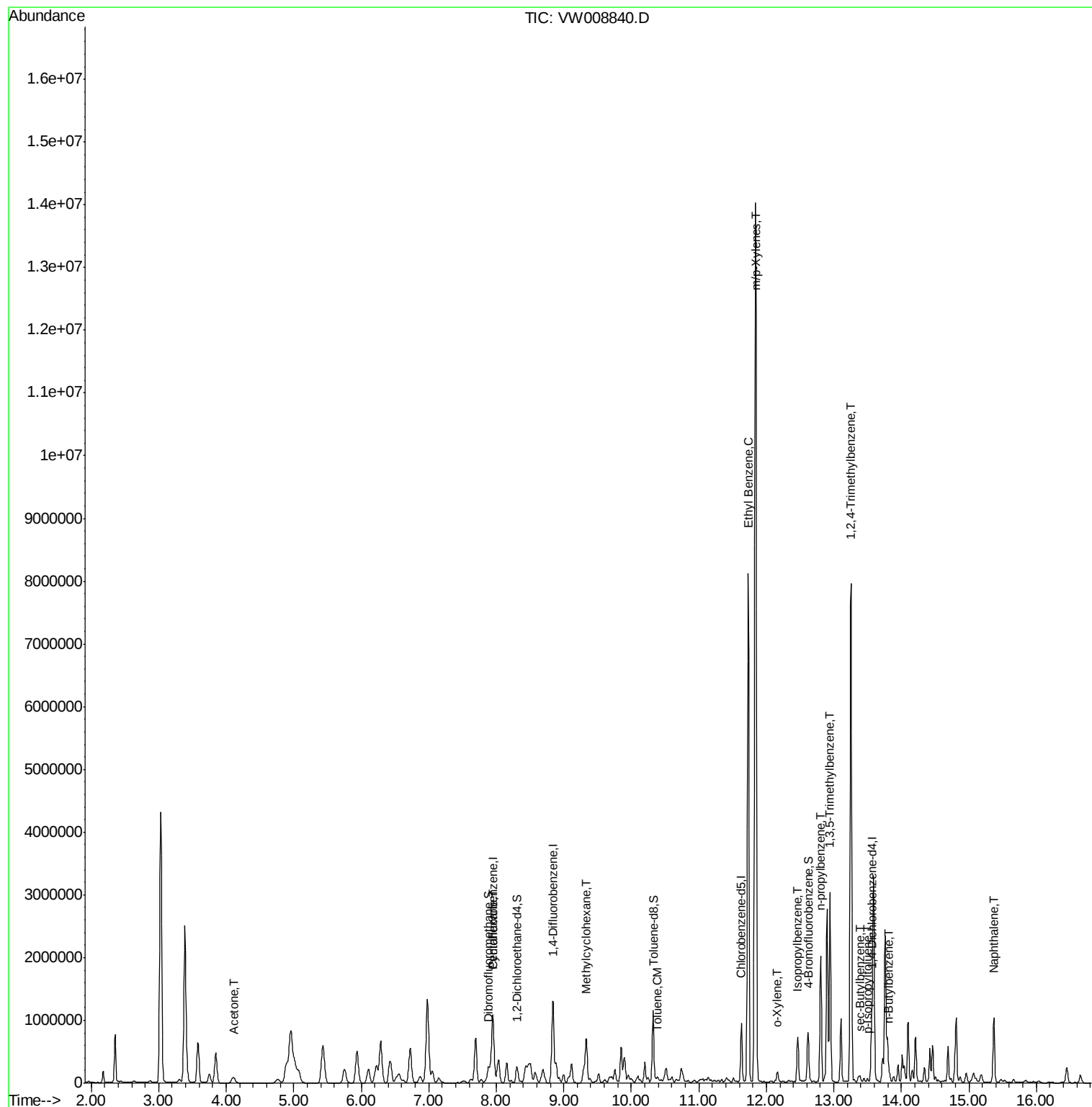
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
Data File : VW008840.D
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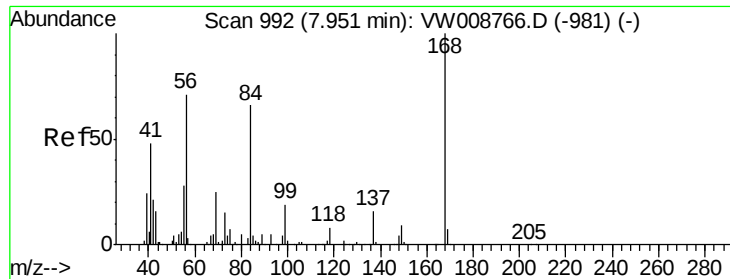
Instrument :
MSVOA_W
ClientSampleId :
B-4B(14-15)

Quant Time: Feb 27 07:16:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008840.D

Acq: 26 Feb 2019 19:31

Instrument :

MSVOA_W

ClientSampleId :

B-4B(14-15)

Tot Ion:168 Resp: 363517

Ion Ratio Lower Upper

168 100

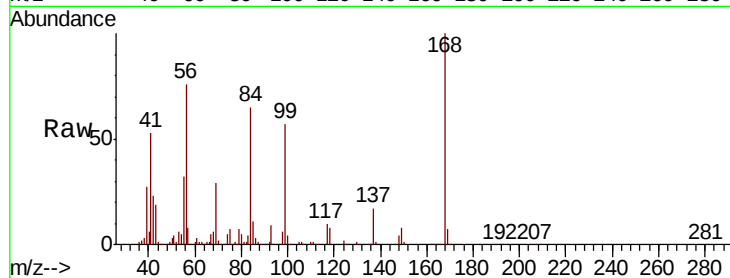
99 56.6 42.2 63.2

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

150000

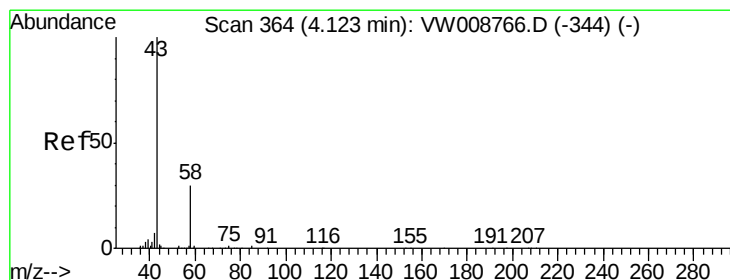
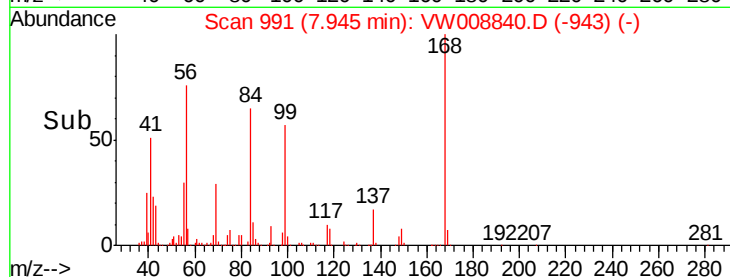
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50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 118.040 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW008840.D

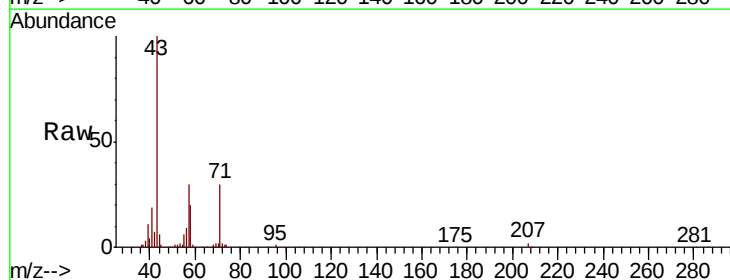
Acq: 26 Feb 2019 19:31

Tgt Ion: 43 Resp: 93285

Ion Ratio Lower Upper

43 100

58 19.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

30000

25000

20000

15000

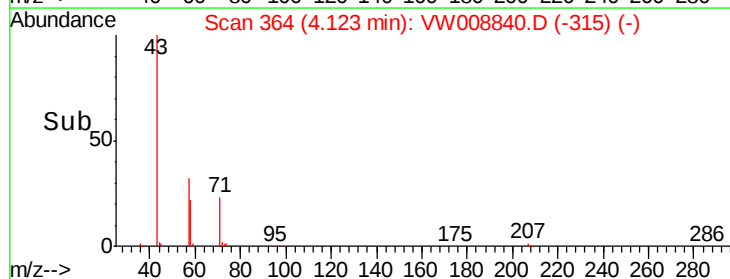
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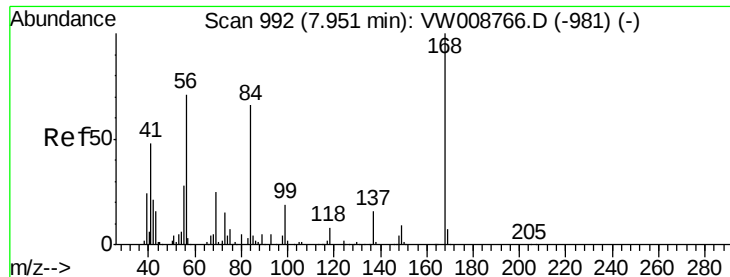
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0

4.00 4.10 4.20

Time-->





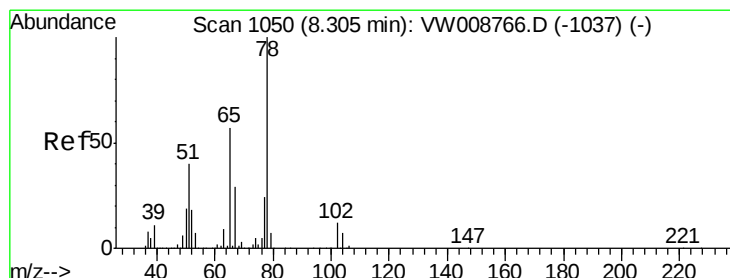
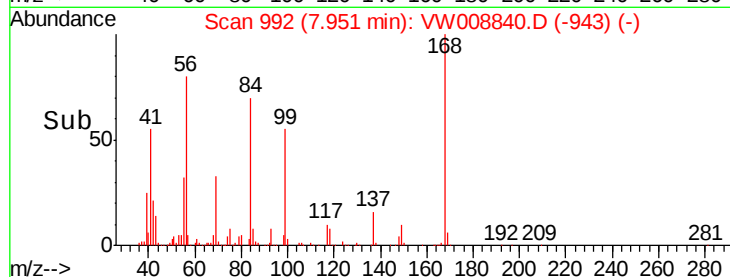
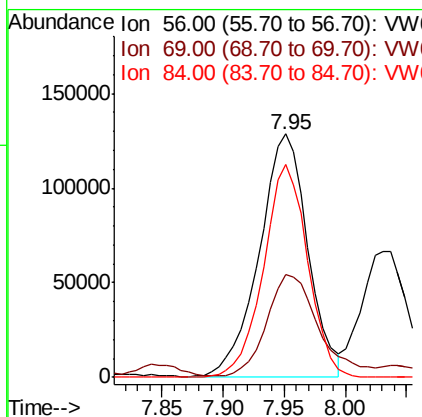
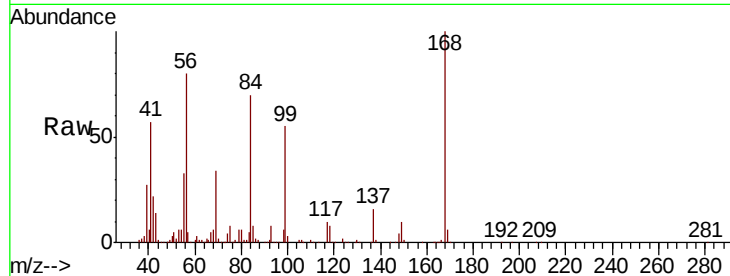
#31
Cyclohexane
Concen: 54.877 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Instrument :
MSVOA_W
ClientSampleId :
B-4B(14-15)

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.1	28.2	42.4
84	87.6	74.1	111.1

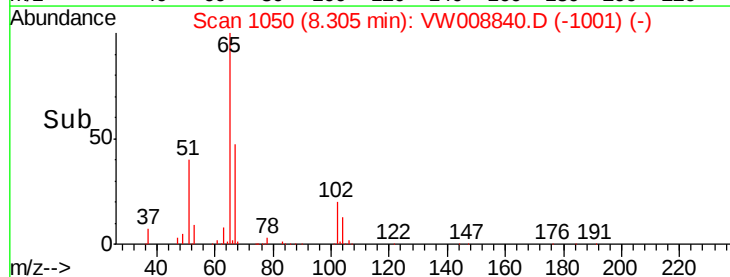
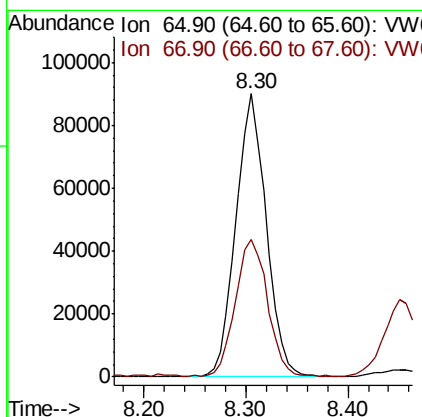
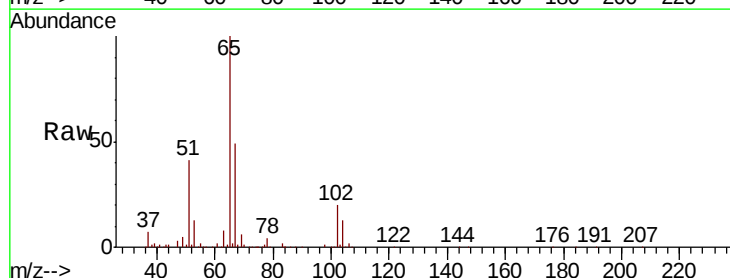
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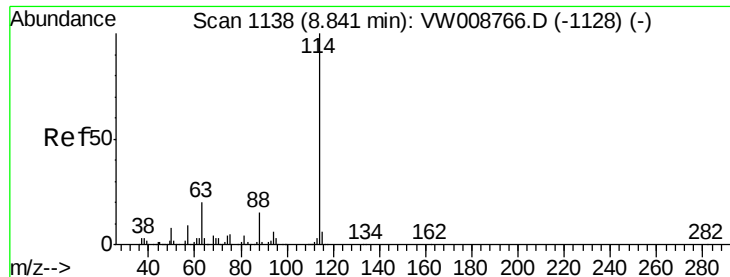
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#33
1,2-Dichloroethane-d4
Concen: 54.482 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.4





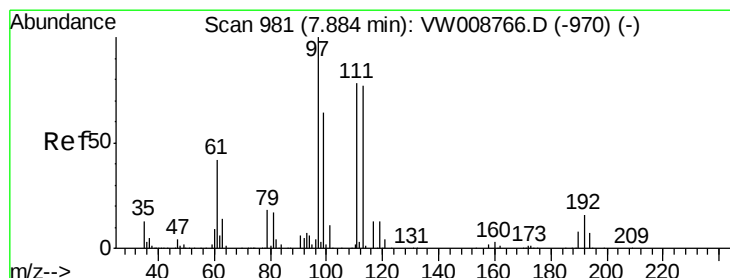
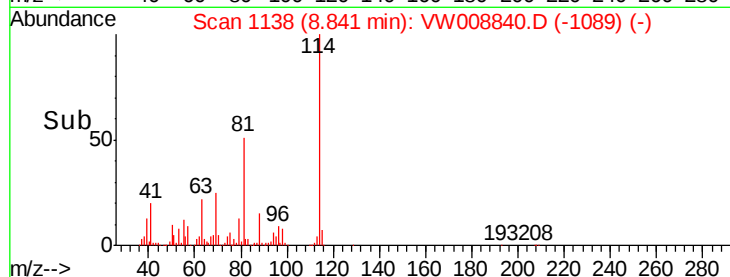
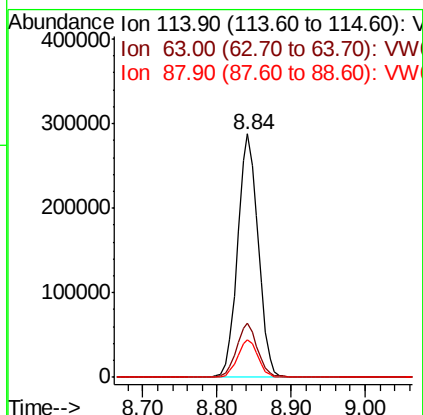
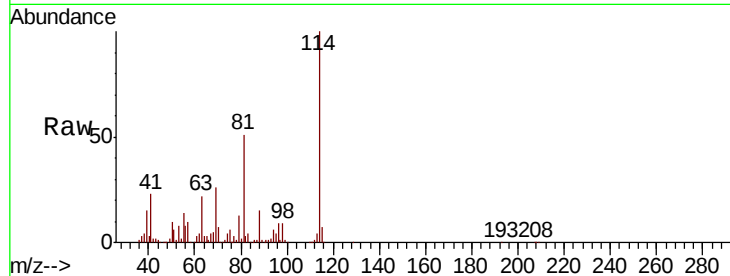
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008840.D
 Acq: 26 Feb 2019 19:31

Instrument :
 MSVOA_W
 ClientSampleId :
 B-4B(14-15)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.2	0.0	40.8
88	15.5	0.0	30.4

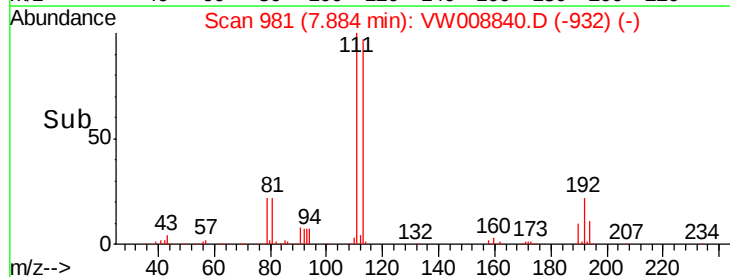
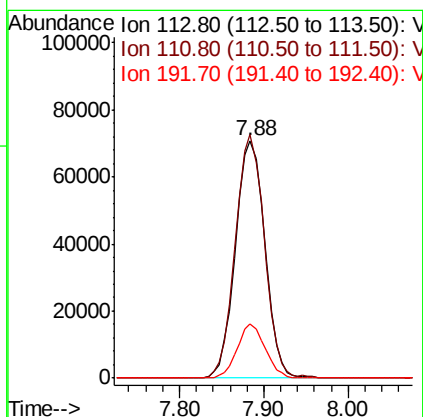
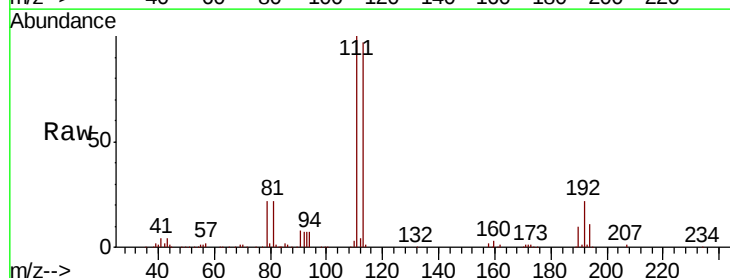
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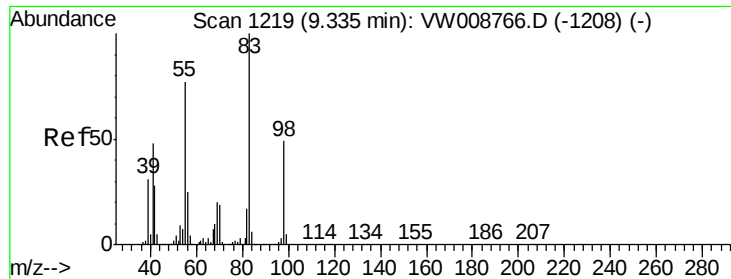
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#35
 Dibromofluoromethane
 Concen: 49.984 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008840.D
 Acq: 26 Feb 2019 19:31

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.4	81.9	122.9
192	21.6	17.1	25.7





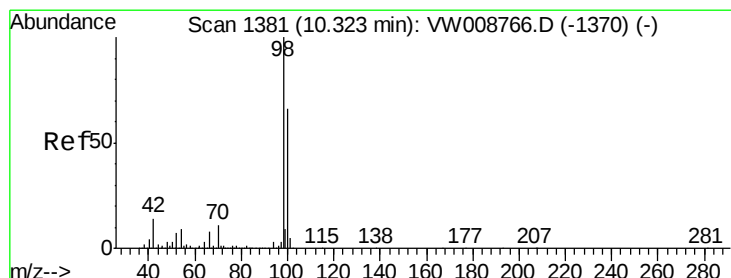
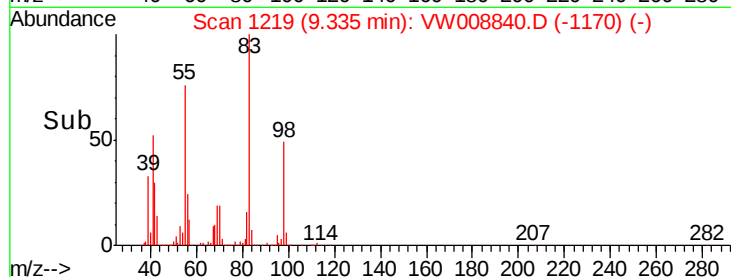
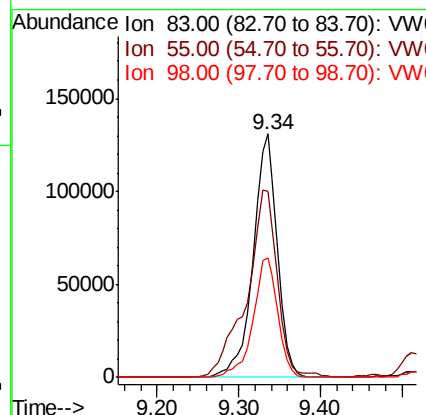
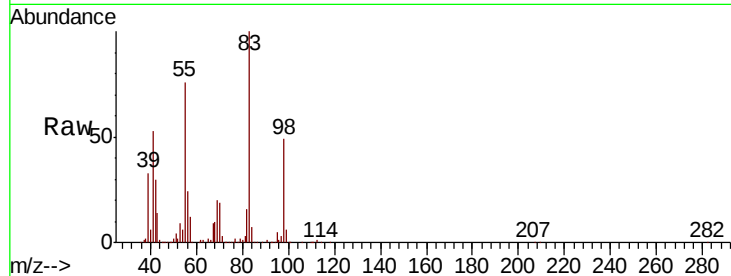
#39
Methvlcvclohexane
Concen: 40.073 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Instrument :
MSVOA_W
ClientSampleId :
B-4B(14-15)

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.2	91.8
98	49.3	39.4	59.2

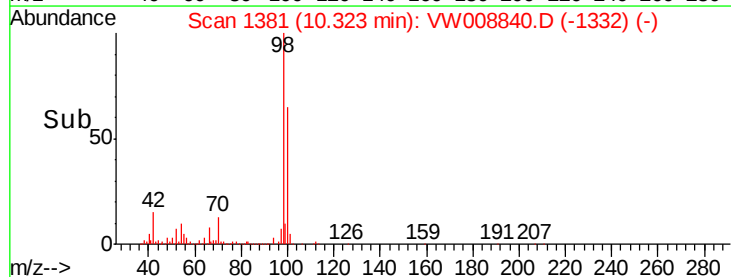
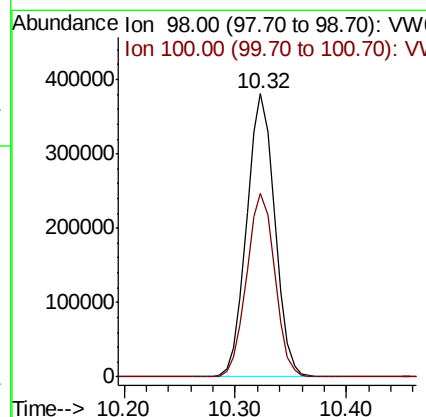
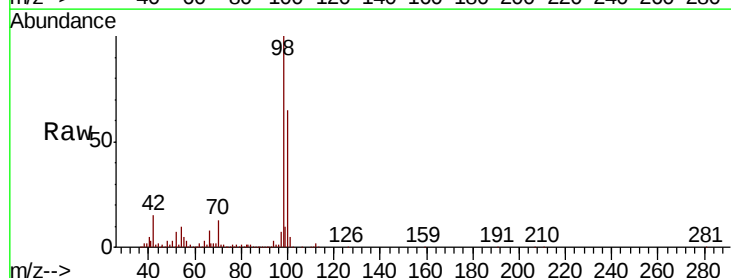
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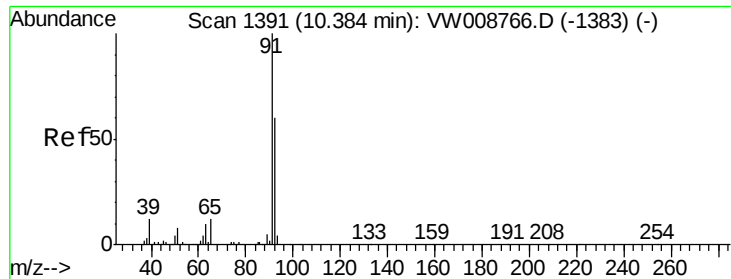
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#50
Toluene-d8
Concen: 51.665 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#52

Toluene

Concen: 3.535 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008840.D

Acq: 26 Feb 2019 19:31

Instrument :

MSVOA_W

ClientSampleId :

B-4B(14-15)

Tot Ion: 92 Resp: 35490

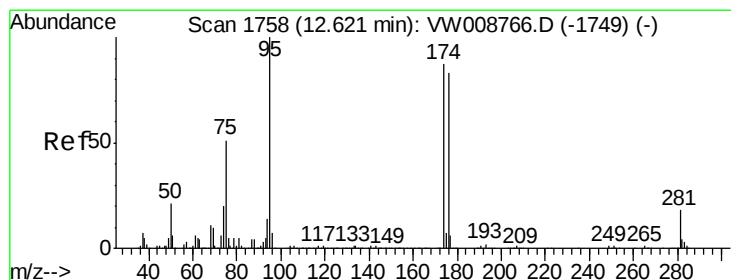
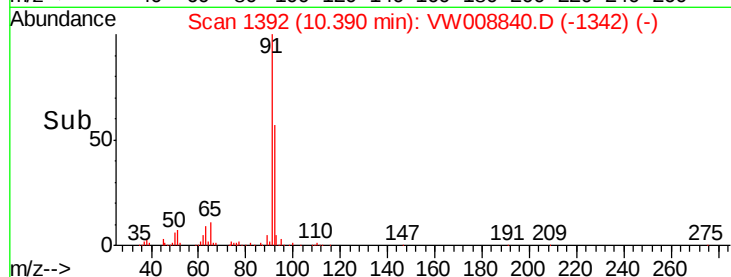
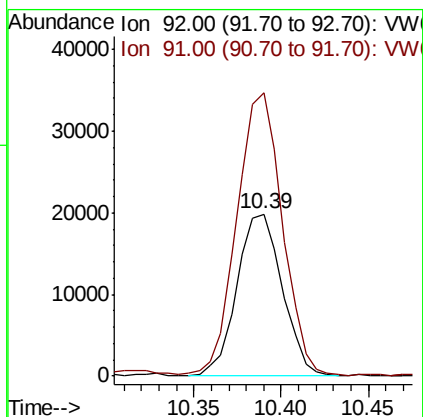
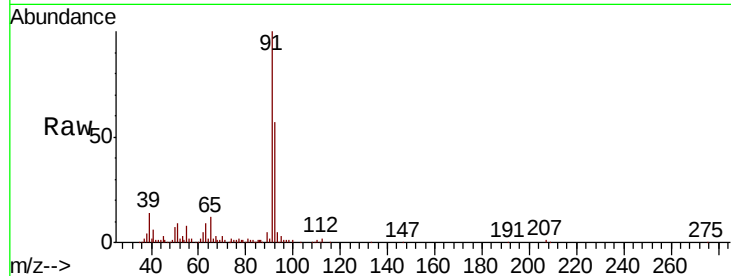
Ion Ratio Lower Upper

92 100

91 176.6 136.9 205.3

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 45.764 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008840.D

Acq: 26 Feb 2019 19:31

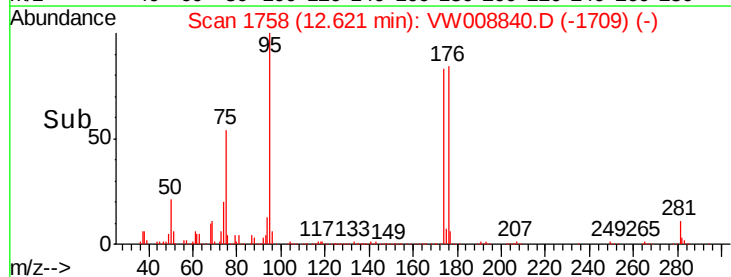
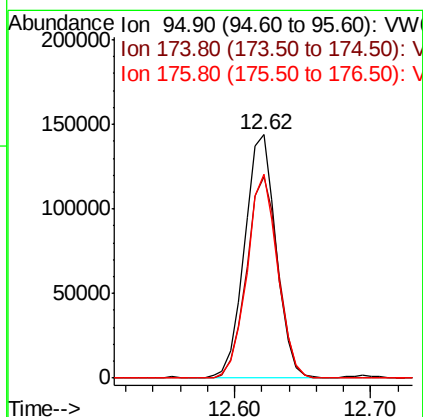
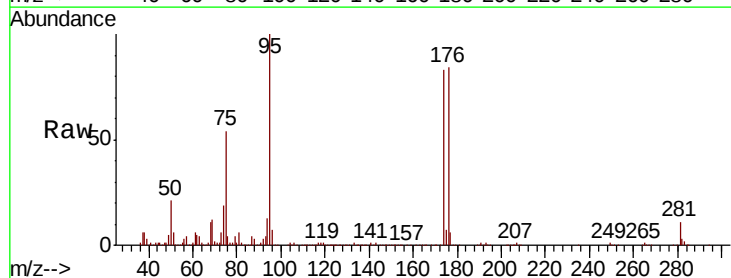
Tgt Ion: 95 Resp: 231143

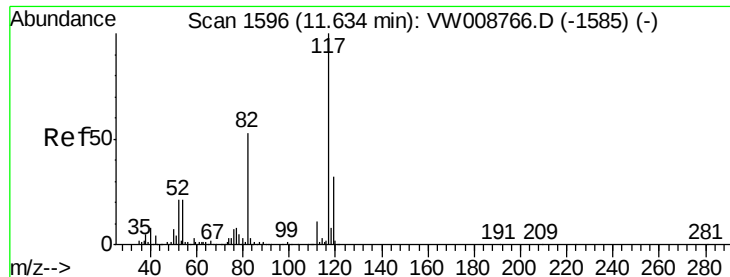
Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.2

176 82.1 0.0 163.6





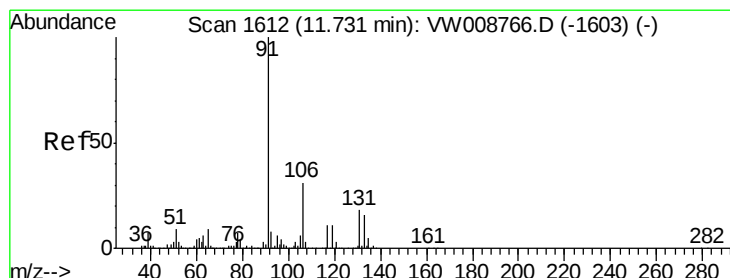
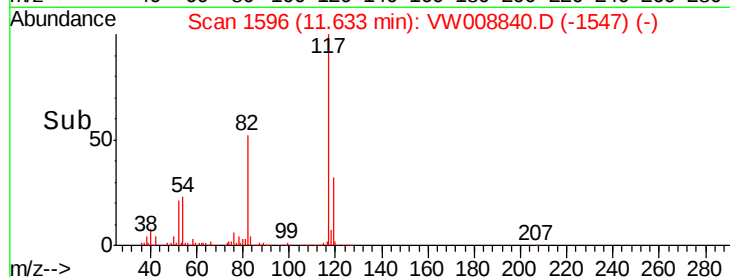
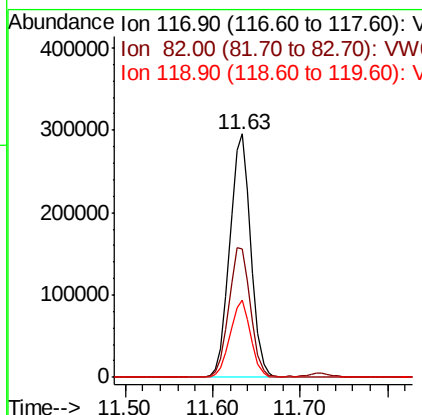
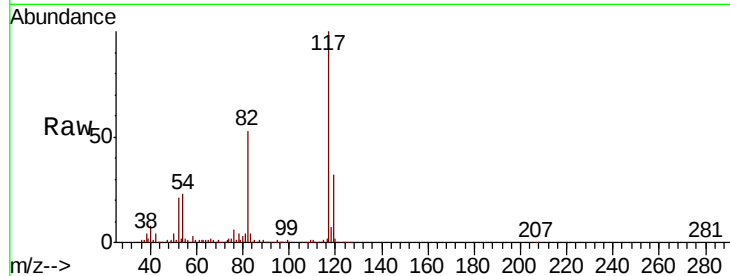
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Instrument :
MSVOA_W
ClientSampleId :
B-4B(14-15)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	31.9	25.9	38.9

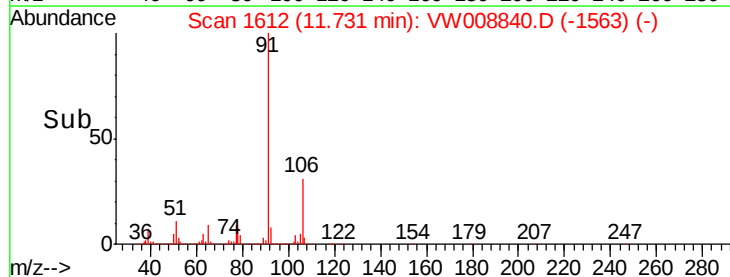
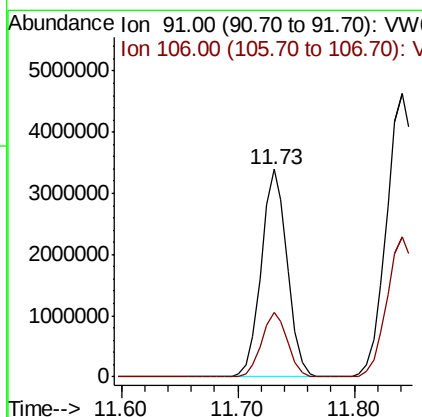
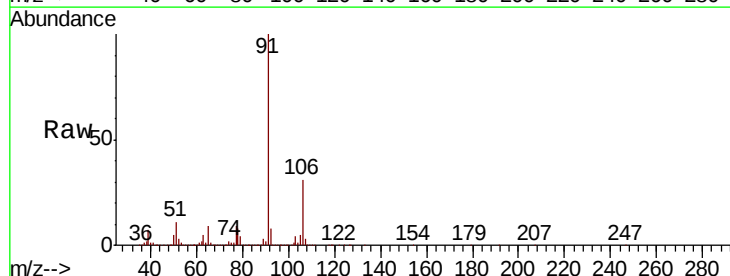
Manual Integrations
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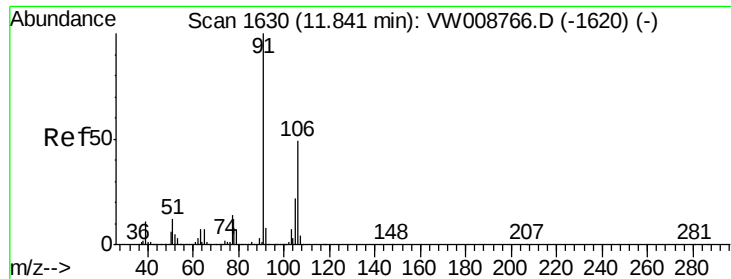
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#67
Ethyl Benzene
Concen: 283.574 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.6





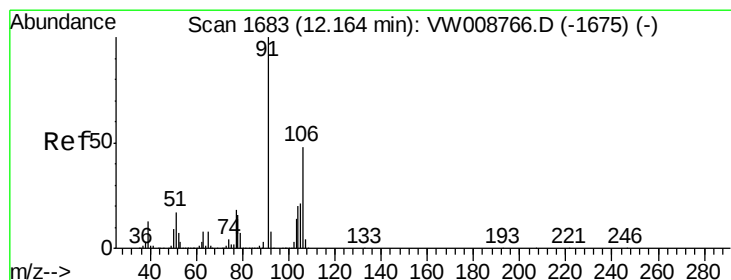
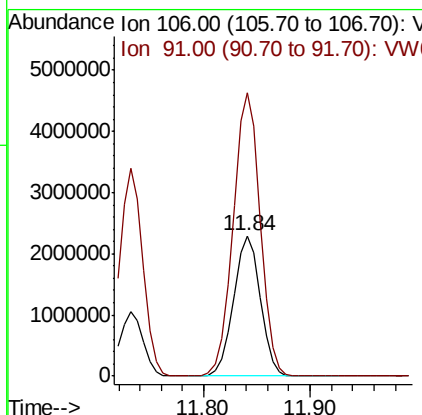
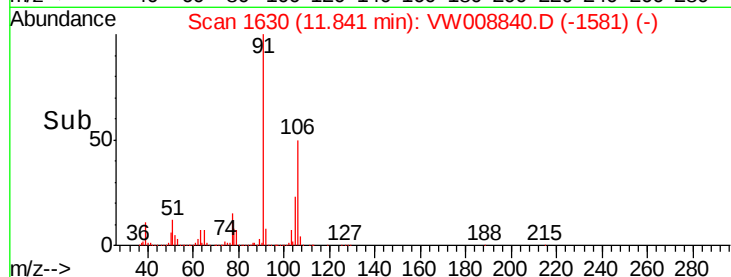
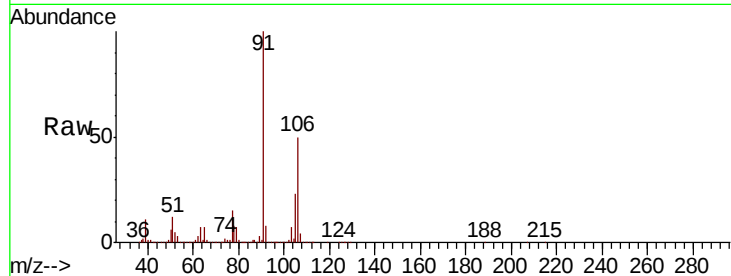
#68
m/p-Xylenes
Concen: 545.712 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Instrument :
MSVOA_W
ClientSampled :
B-4B(14-15)

Tot Ion:106 Resp: 4041522
Ion Ratio Lower Upper
106 100
91 203.4 161.5 242.3

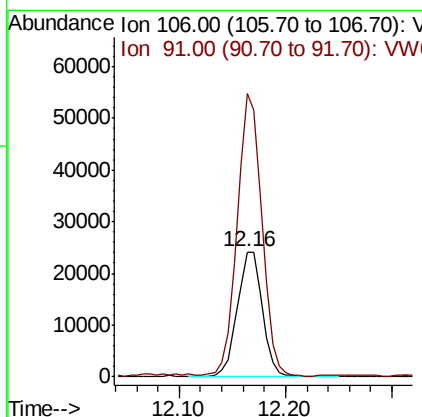
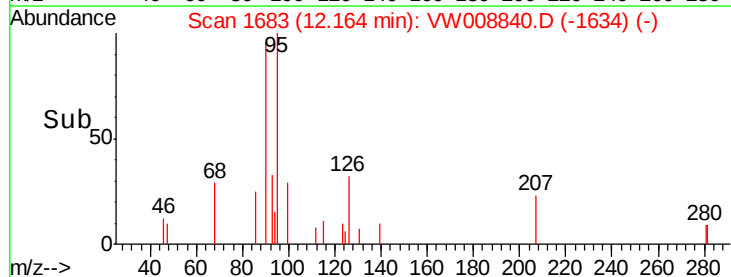
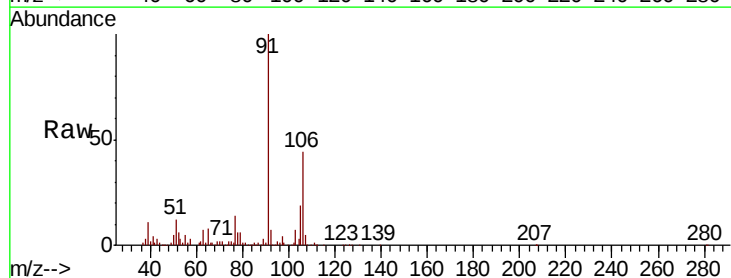
Manual Integrations
APPROVED

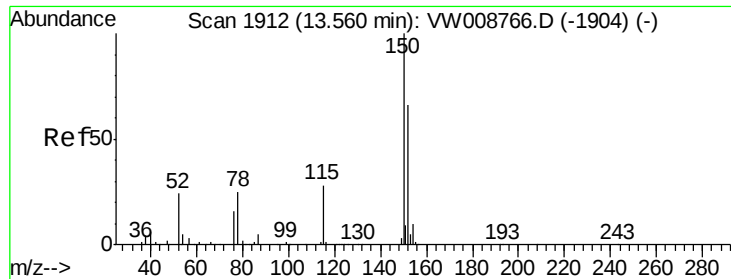
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#69
o-Xylene
Concen: 5.793 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Tgt Ion:106 Resp: 40270
Ion Ratio Lower Upper
106 100
91 222.0 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008840.D

Acq: 26 Feb 2019 19:31

Instrument :

MSVOA_W

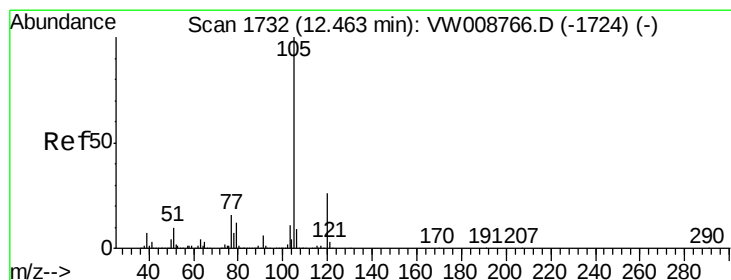
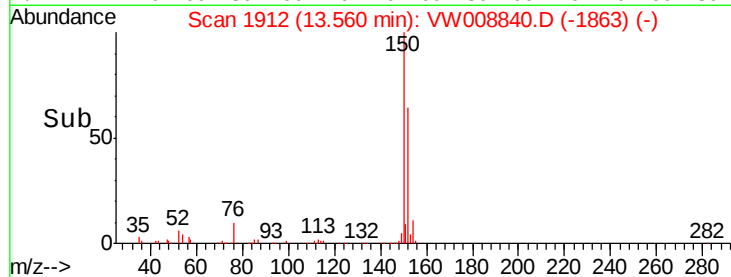
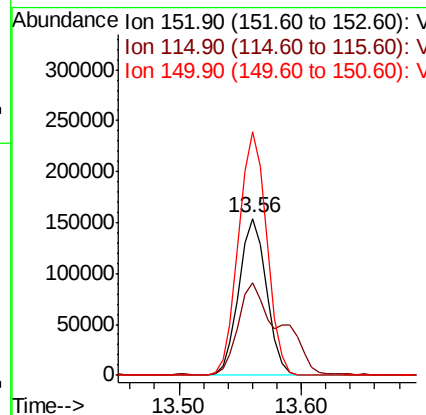
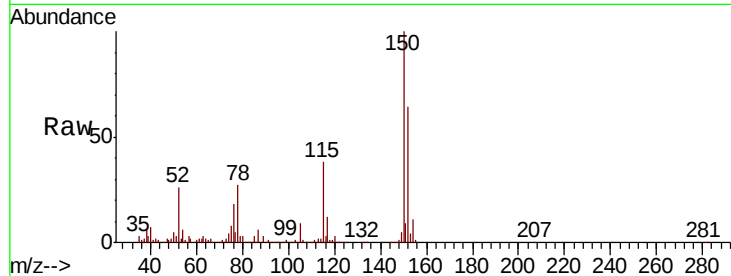
ClientSampleId :

B-4B(14-15)

Tot Ion	Ratio	Lower	Upper
152	100		
115	90.8	28.6	85.8#
150	158.0	0.0	348.0

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#73

Isopropylbenzene

Concen: 27.536 ug/l

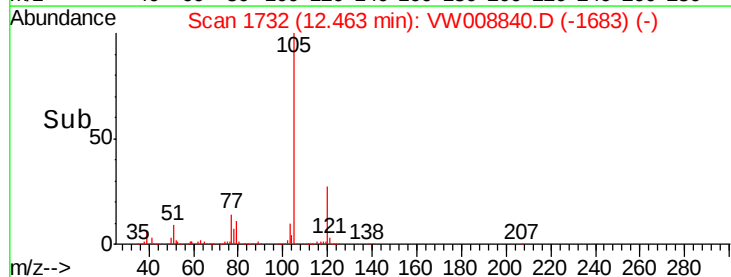
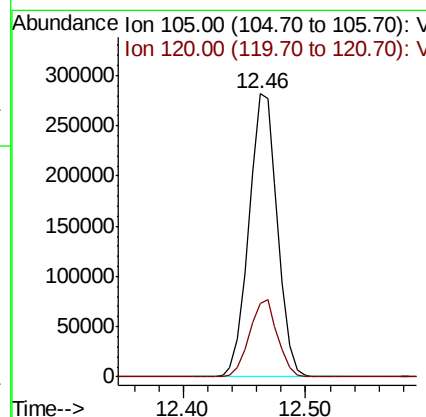
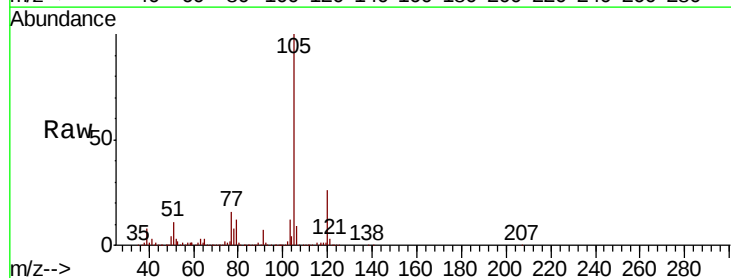
RT: 12.46 min Scan# 1732

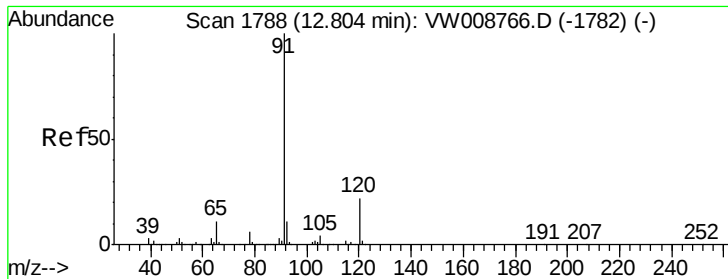
Delta R.T. -0.00 min

Lab File: VW008840.D

Acq: 26 Feb 2019 19:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9





#78

n-propylbenzene

Concen: 72.364 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008840.D

Acq: 26 Feb 2019 19:31

Instrument :

MSVOA_W

ClientSampled :

B-4B(14-15)

Tot Ion: 91 Resp: 1459864

Ion Ratio Lower Upper

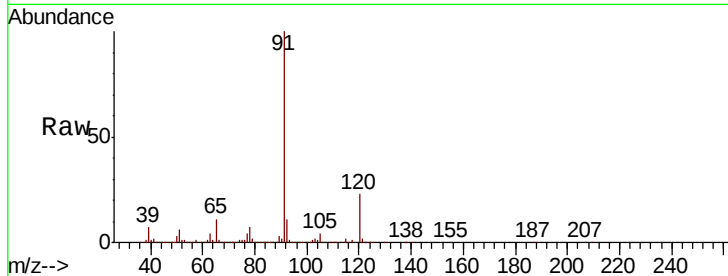
91 100

120 23.2 11.5 34.4

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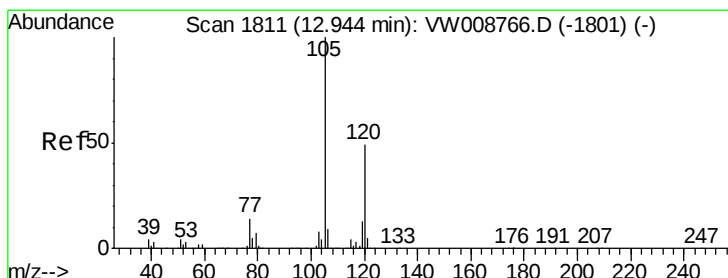
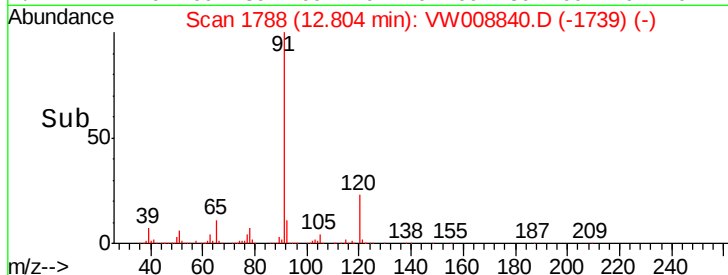
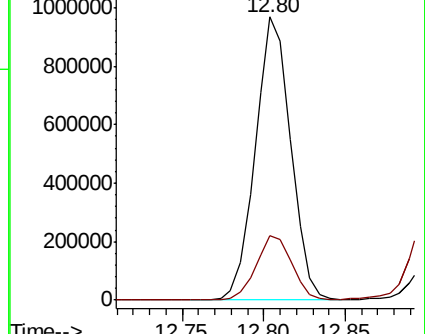
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 101.960 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008840.D

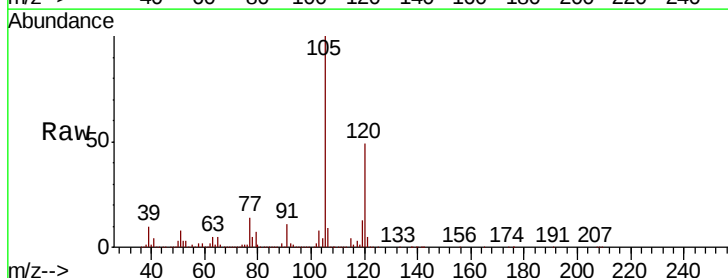
Acq: 26 Feb 2019 19:31

Tgt Ion:105 Resp: 1461312

Ion Ratio Lower Upper

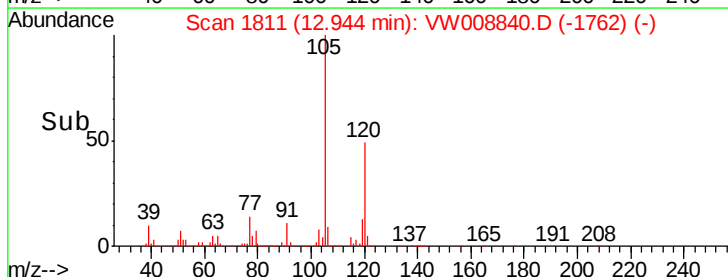
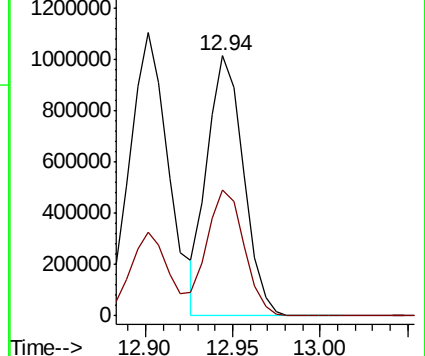
105 100

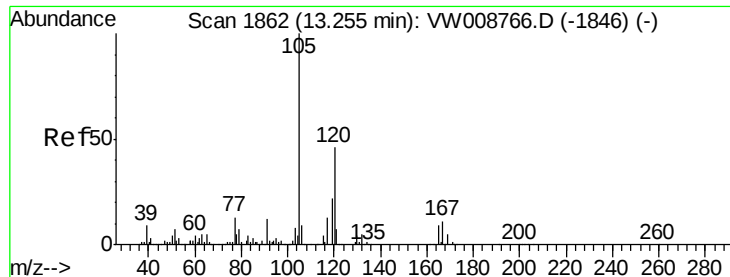
120 51.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





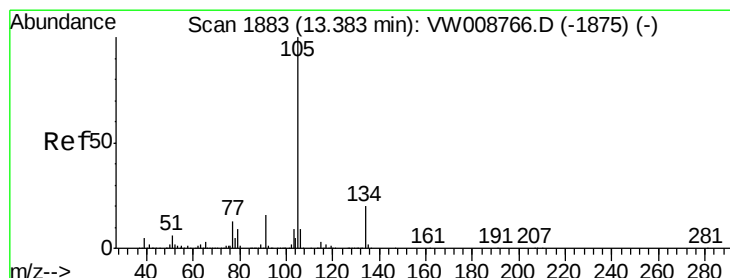
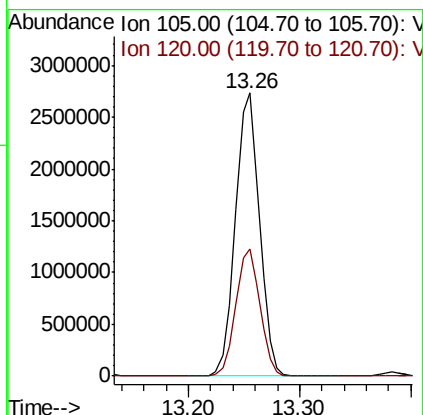
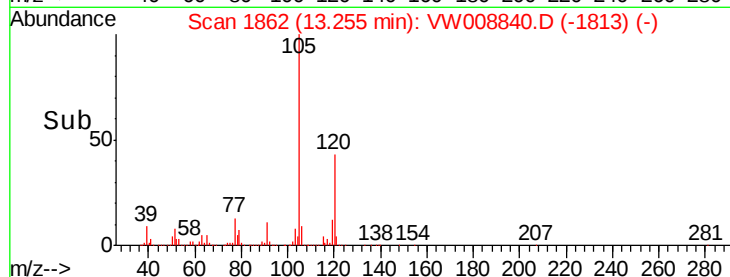
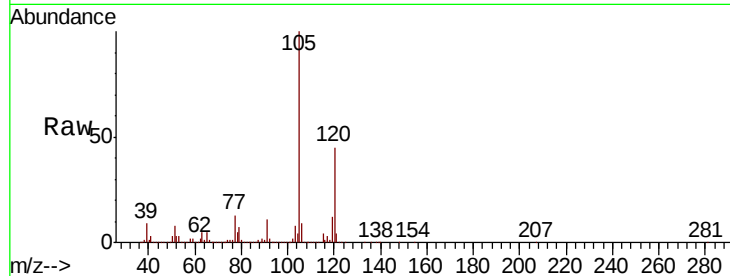
#84
1,2,4-Trimethylbenzene
Concen: 274.700 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Instrument :
MSVOA_W
ClientSampleId :
B-4B(14-15)

Tot Ion:105 Resp: 4075488
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.4

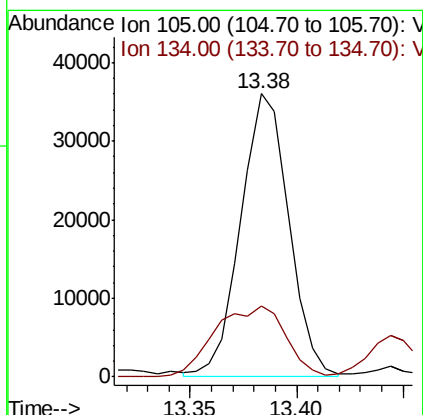
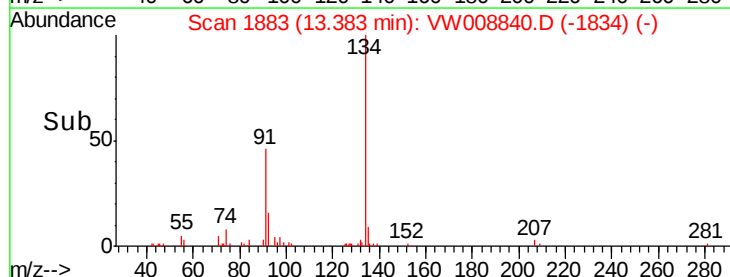
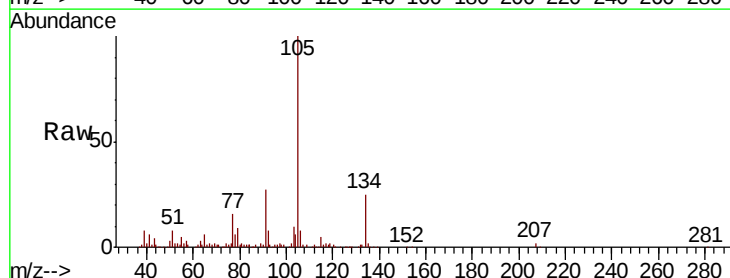
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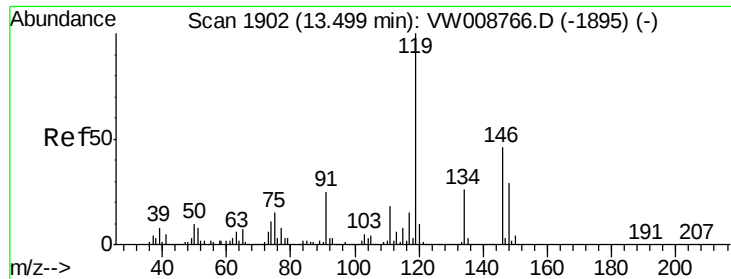
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#85
sec-Butylbenzene
Concen: 3.173 ug/l m
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Tgt Ion:105 Resp: 56538
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





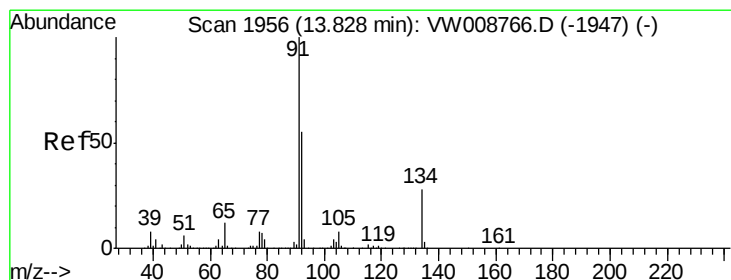
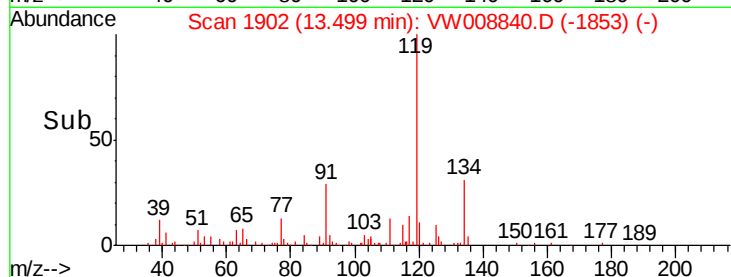
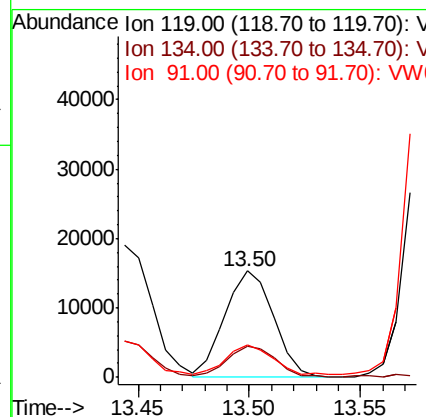
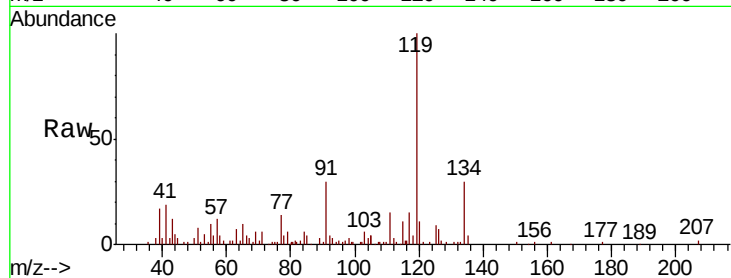
#86
p-Isopropyltoluene
Concen: 1.424 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Instrument :
MSVOA_W
ClientSampled :
B-4B(14-15)

Tot Ion	Ratio	Resp	Lower	Upper
119	100	23255		
134	27.9	13.1	39.3	
91	0.0	12.1	36.3	

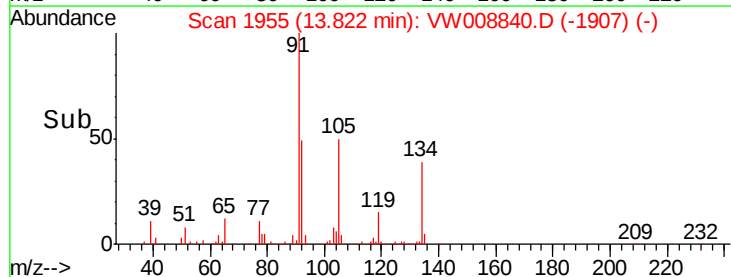
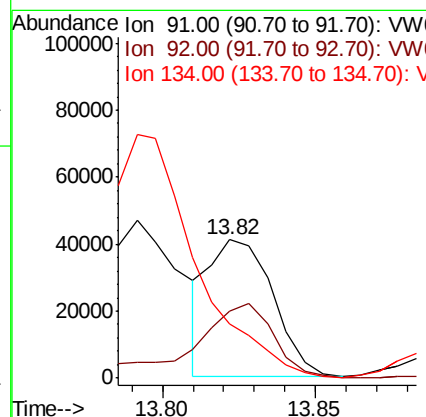
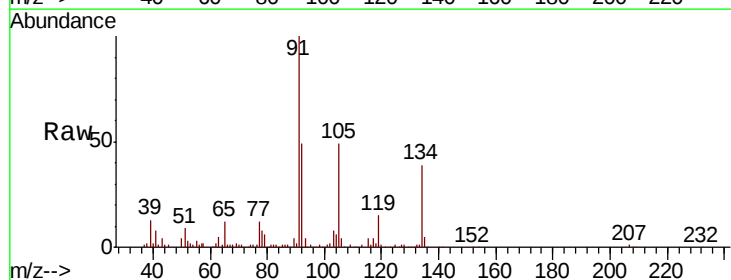
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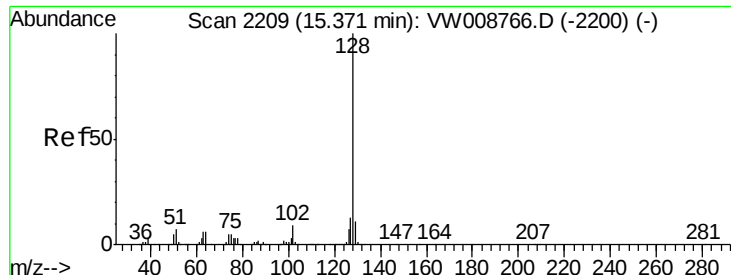
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#89
n-Butylbenzene
Concen: 3.851 ug/l
RT: 13.82 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	58942		
92	62.5	26.8	80.4	
134	0.0	13.5	40.4	





#95
Naphthalene
Concen: 95.131 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008840.D
Acq: 26 Feb 2019 19:31

Instrument :
MSVOA_W
ClientSampleId :
B-4B(14-15)

Tot Ion	Ratio	Resp	Lower	Upper
128	100	840828		
127	13.9		10.8	16.2
129	10.9		8.7	13.1

Manual Integrations
APPROVED

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3/6/2019 9:14:48 AM

