

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007838.D
 Acq On : 22 Dec 2018 12:42
 Operator : SY/AP
 Sample : J6426-19
 Misc : 3.92G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 11:01:23 AM

Quant Time: Dec 25 02:23:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	19787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	40295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	20165	92.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.96%	
35) Dibromofluoromethane	7.89	113	14414	58.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.28%	
50) Toluene-d8	10.32	98	31354	33.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.66%	
62) 4-Bromofluorobenzene	12.62	95	8200	22.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	23461	577.689	ug/l	93
18) Methyl Acetate	4.67	43	2125	22.002	ug/l #	84
20) Methylene Chloride	4.92	84	6644	30.219	ug/l	93
52) Toluene	10.39	92	121653	174.711	ug/l	99
67) Ethyl Benzene	11.73	91	21636	23.457	ug/l	99
68) m/p-Xylenes	11.84	106	50952	142.403	ug/l	98
69) o-Xylene	12.17	106	18518	55.213	ug/l	99
73) Isopropylbenzene	12.47	105	9131	16.942	ug/l	85
78) n-propylbenzene	12.81	91	26140	41.666	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	174056	374.409	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	582204	1241.130	ug/l	100
85) sec-Butylbenzene	13.39	105	5479m	9.746	ug/l	
89) n-Butylbenzene	13.83	91	4089m	8.724	ug/l	
95) Naphthalene	15.37	128	42141	149.550	ug/l	99

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

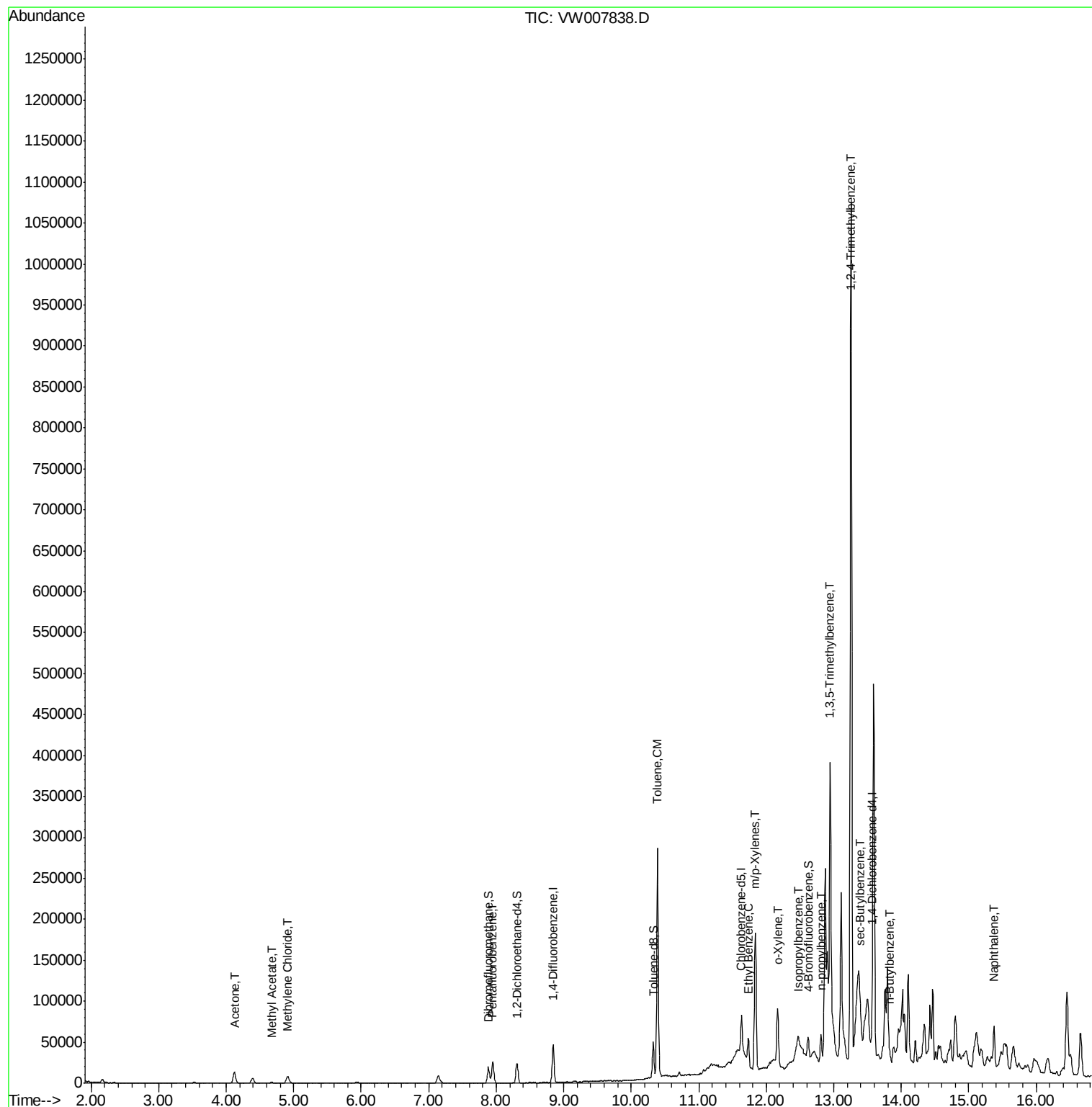
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007838.D
Acq On : 22 Dec 2018 12:42
Operator : SY/AP
Sample : J6426-19
Misc : 3.92G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

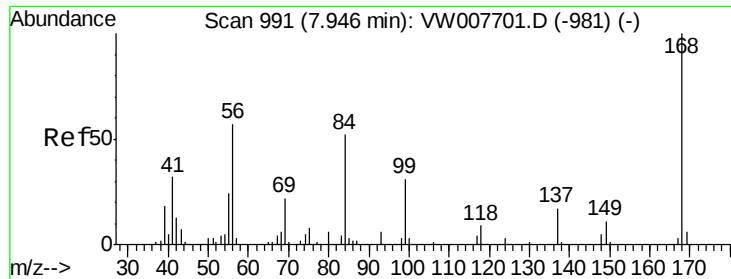
Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Manual Integrations
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12/26/2018 11:01:23 AM

Quant Time: Dec 25 02:23:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

Tot Ion:168 Resp: 19787

Ion Ratio Lower Upper

168 100

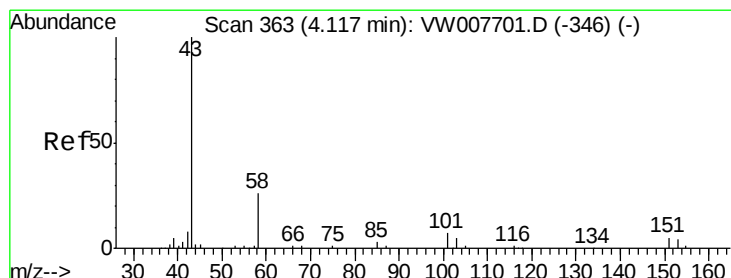
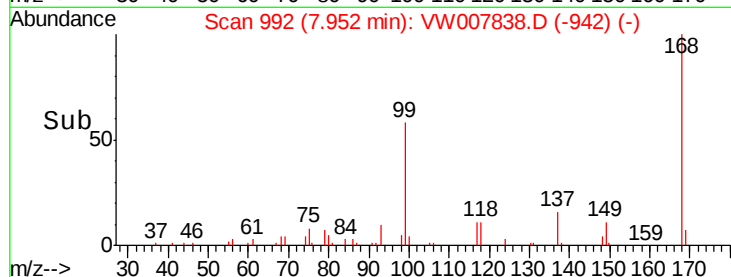
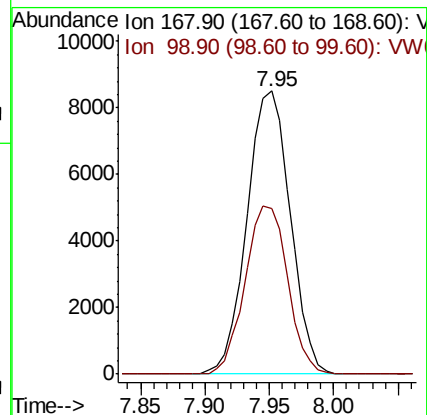
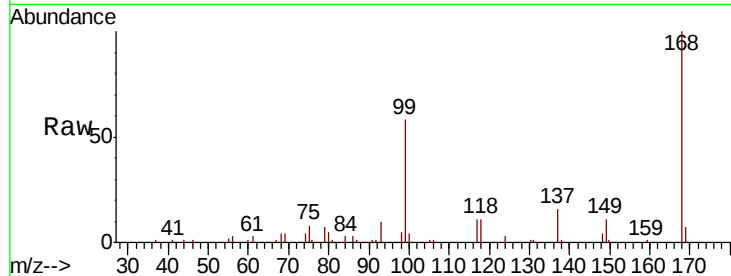
99 58.4 54.0 81.0

Manual Integrations

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#16

Acetone

Concen: 577.689 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007838.D

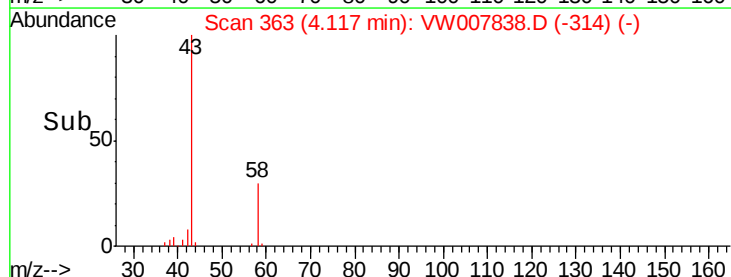
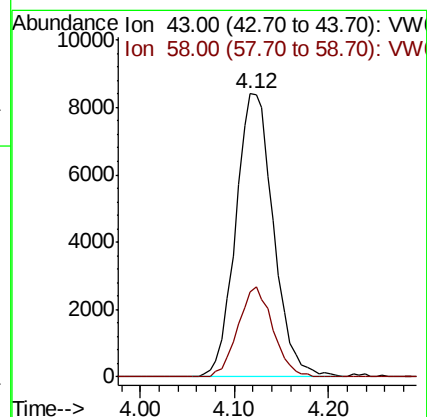
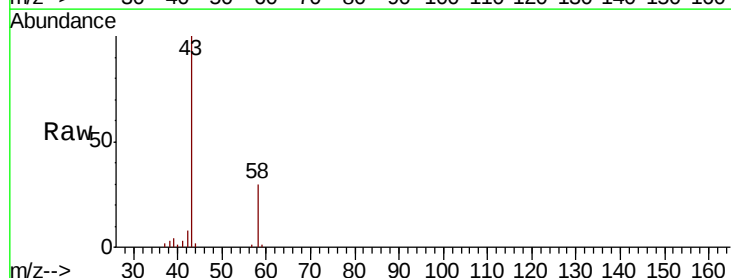
Acq: 22 Dec 2018 12:42

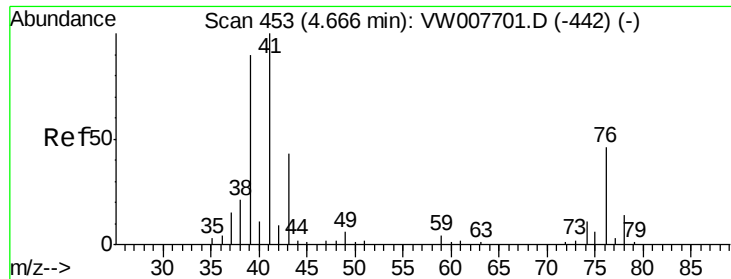
Tgt Ion: 43 Resp: 23461

Ion Ratio Lower Upper

43 100

58 30.2 21.2 31.8





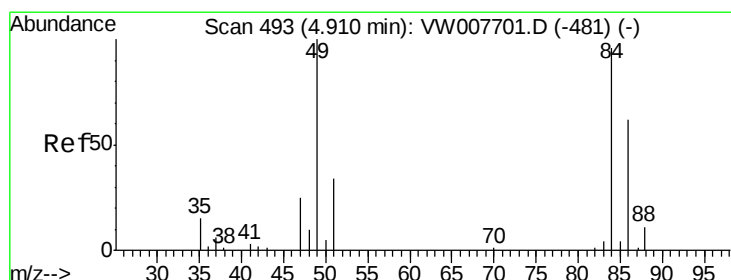
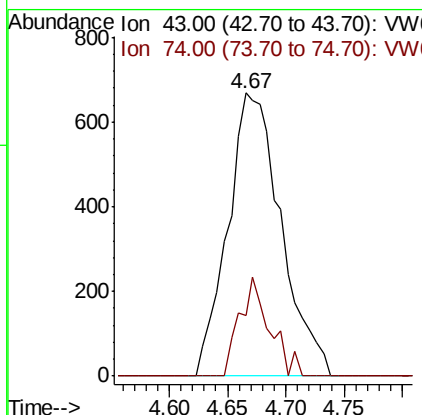
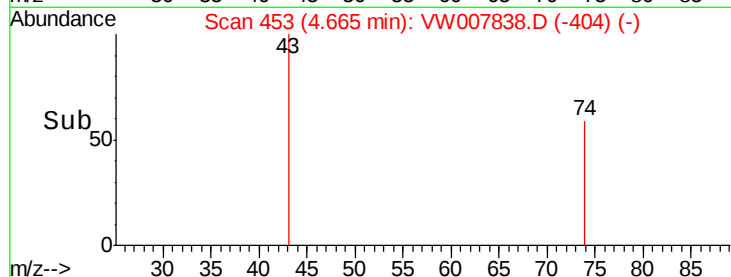
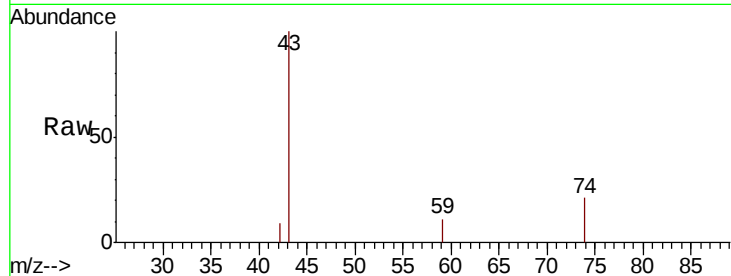
#18
Methyl Acetate
Concen: 22.002 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Tot Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
74 19.9 22.7 34.1#

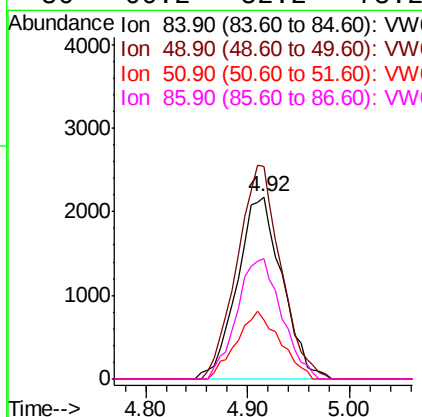
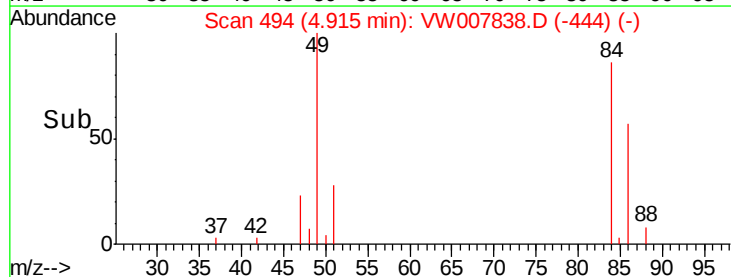
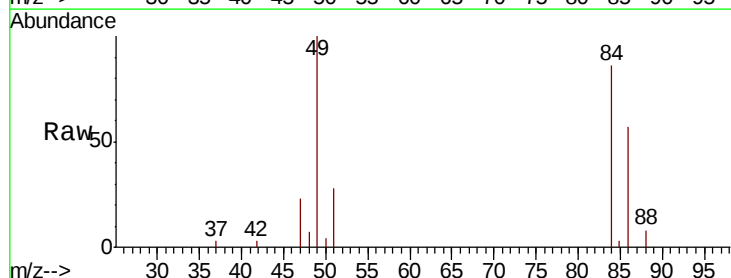
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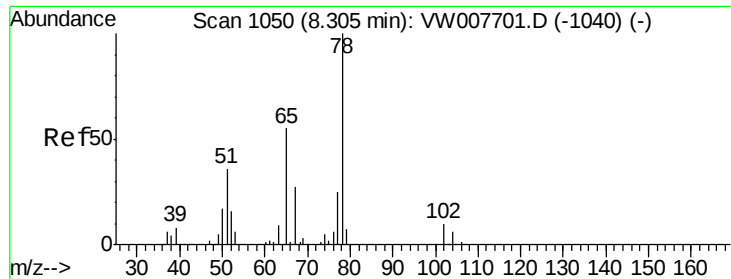
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#20
Methylene Chloride
Concen: 30.219 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion: 84 Resp: 6644
Ion Ratio Lower Upper
84 100
49 116.7 83.7 125.5
51 32.3 28.2 42.2
86 66.2 52.2 78.2





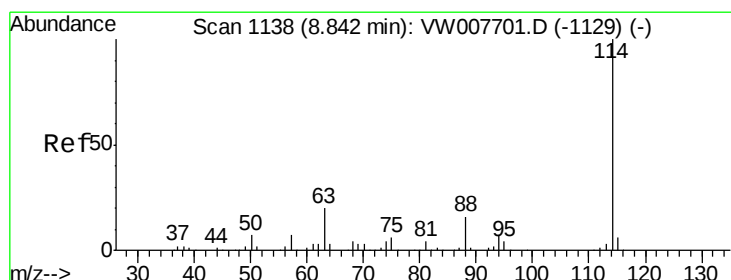
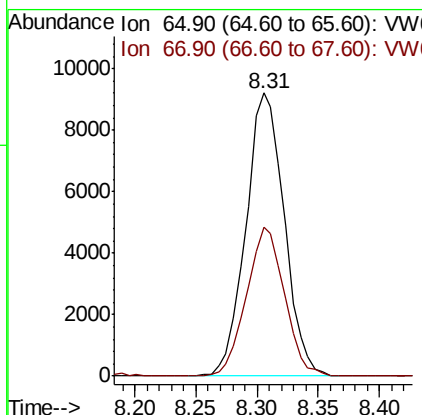
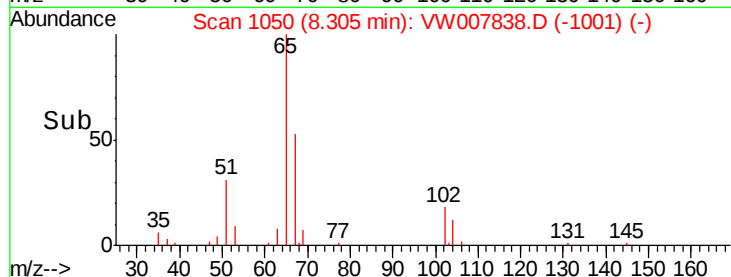
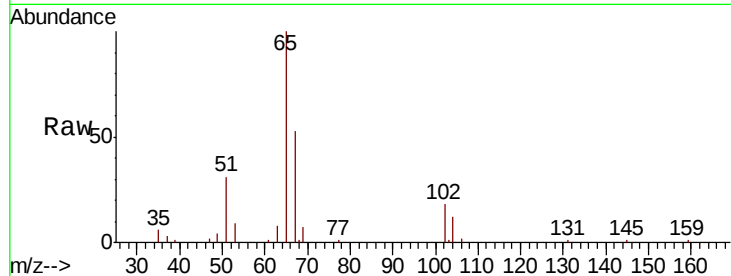
#33
 1,2-Dichloroethane-d4
 Concen: 92.980 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS020-0002-01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.6

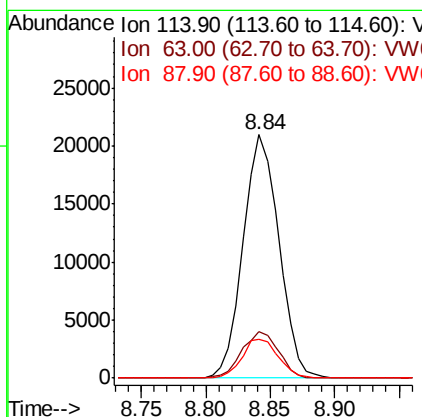
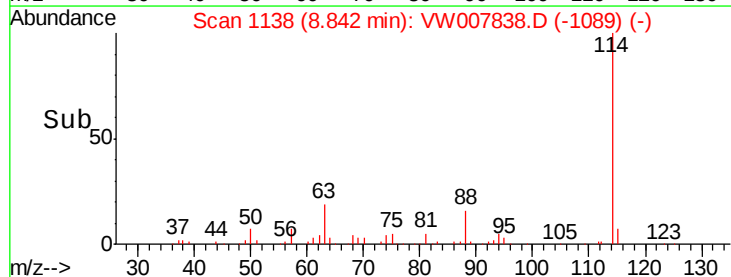
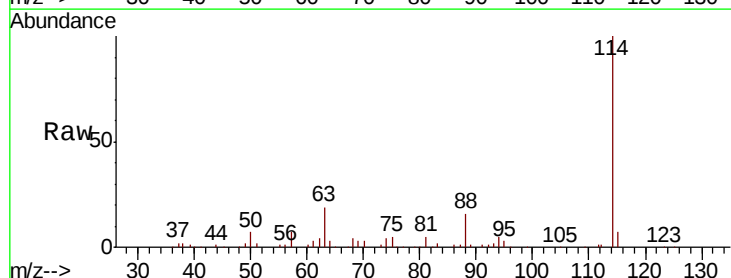
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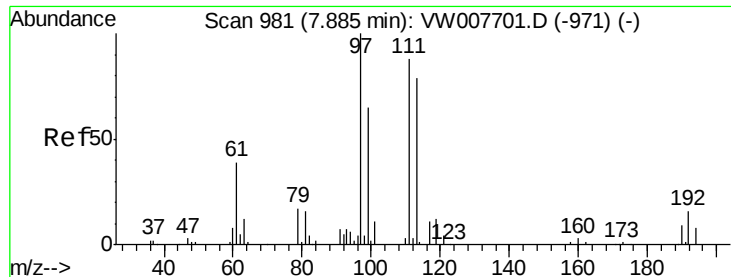
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007838.D
 Acq: 22 Dec 2018 12:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.8	0.0	32.6





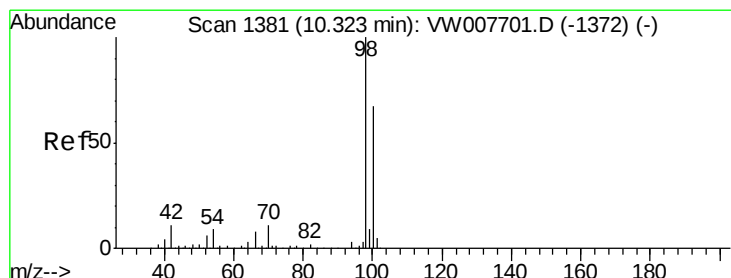
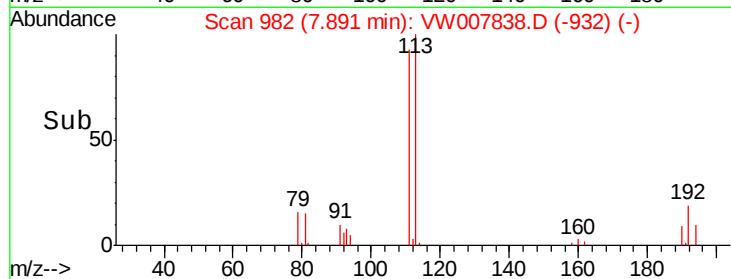
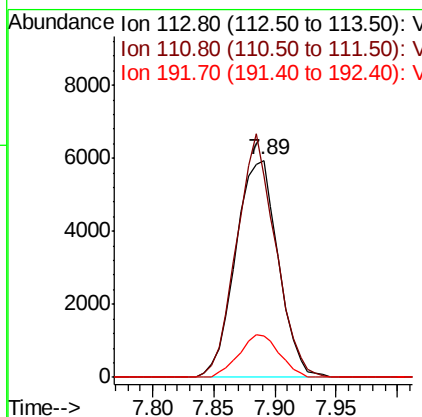
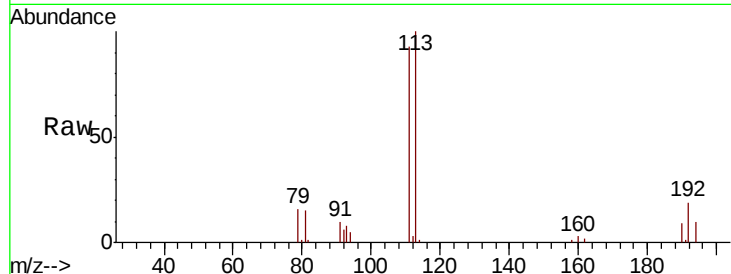
#35
Dibromofluoromethane
Concen: 58.636 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	18.6	15.5	23.3

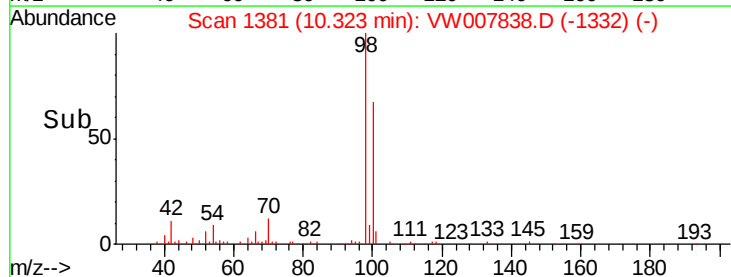
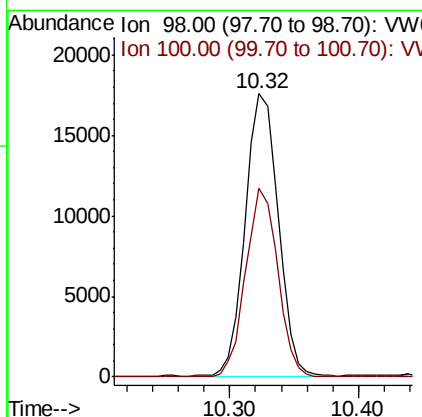
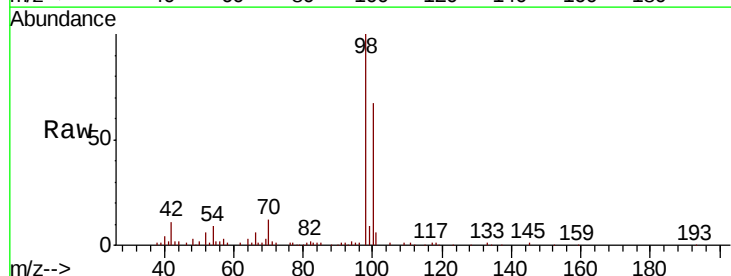
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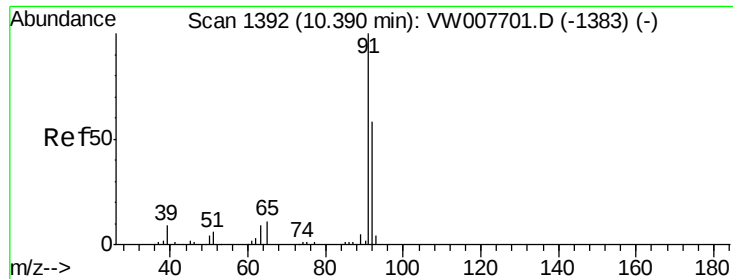
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#50
Toluene-d8
Concen: 33.834 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2





#52

Toluene

Concen: 174.711 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

Tot Ion: 92 Resp: 121653

Ion Ratio Lower Upper

92 100

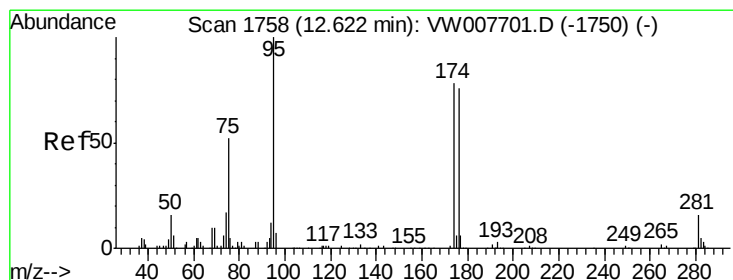
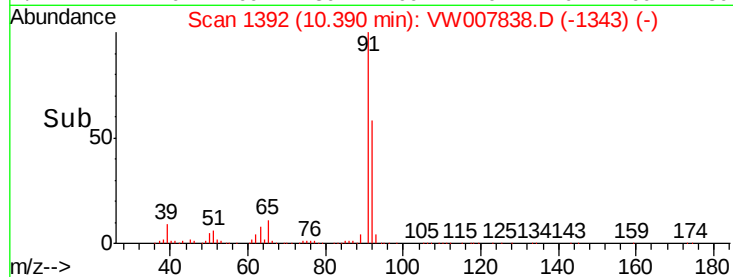
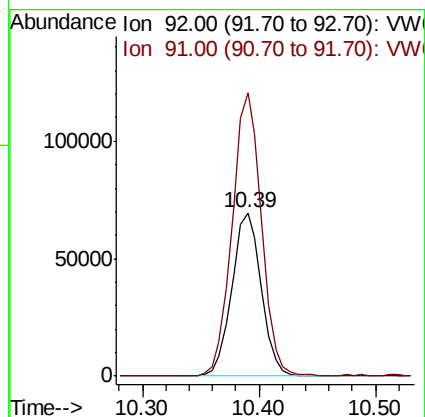
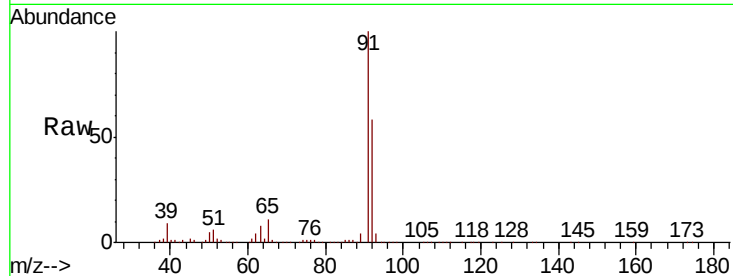
91 172.2 137.0 205.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 22.905 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

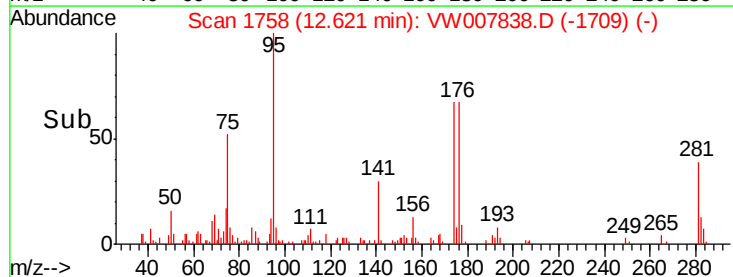
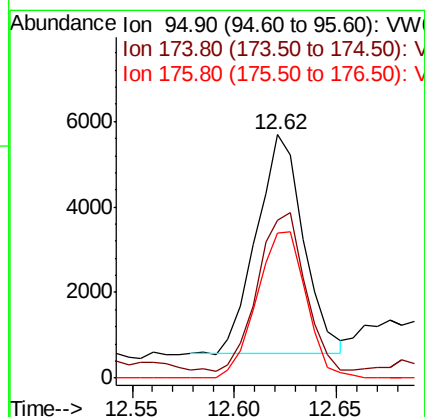
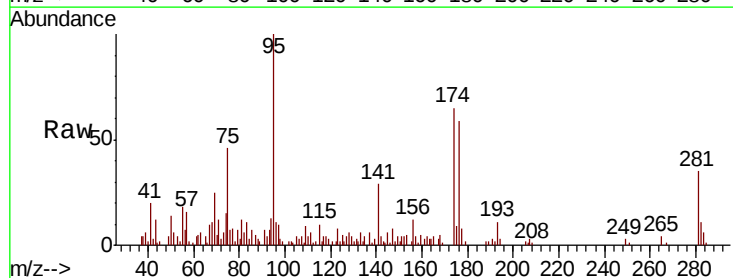
Tgt Ion: 95 Resp: 8200

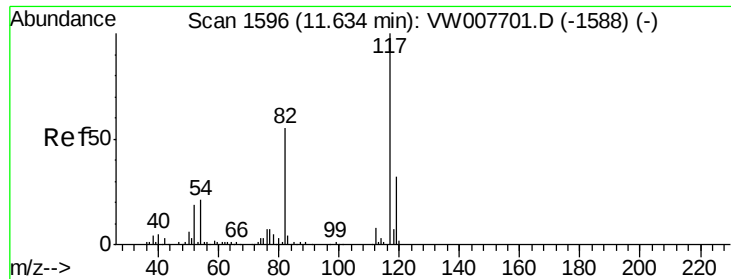
Ion Ratio Lower Upper

95 100

174 72.6 0.0 152.2

176 70.0 0.0 146.8





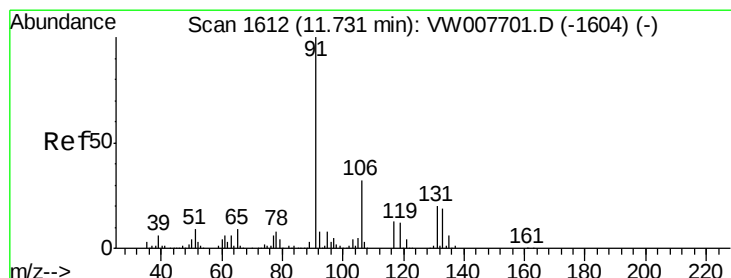
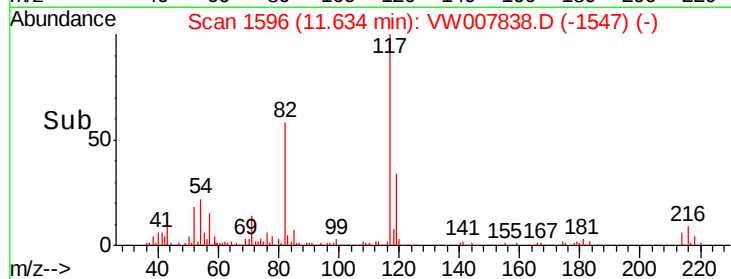
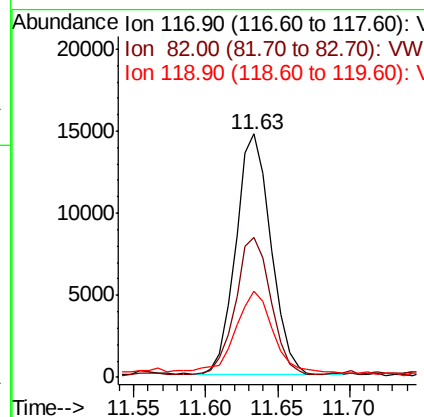
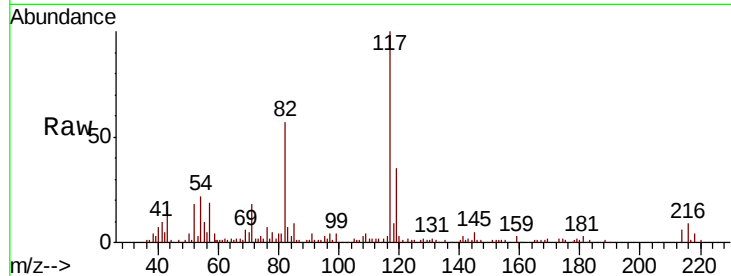
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.3	66.5
119	33.9	25.7	38.5

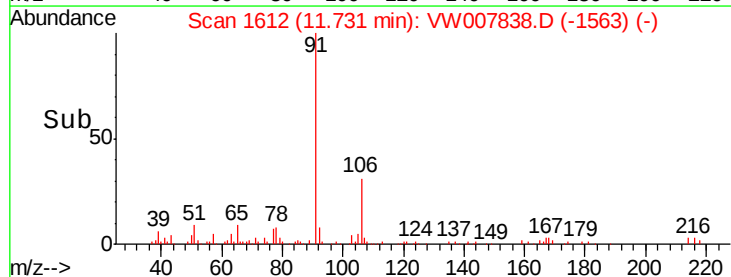
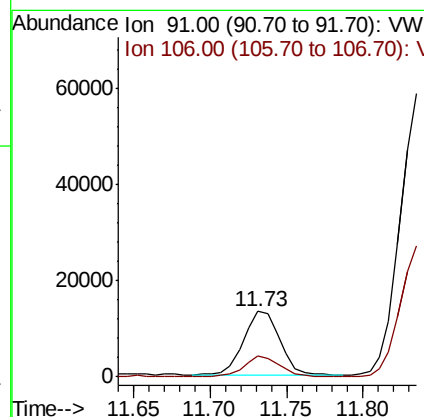
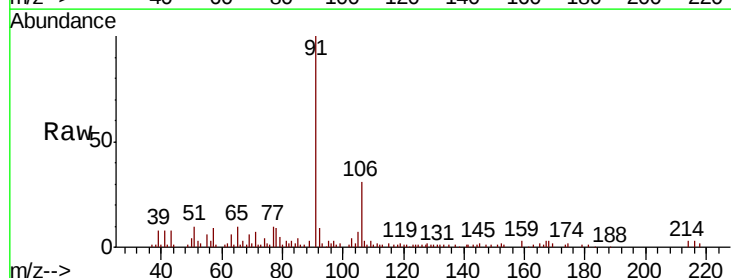
Manual Integrations
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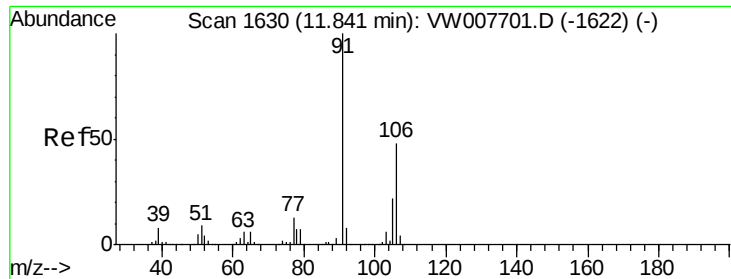
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12/26/2018 11:01:23 AM



#67
Ethyl Benzene
Concen: 23.457 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.8	38.8





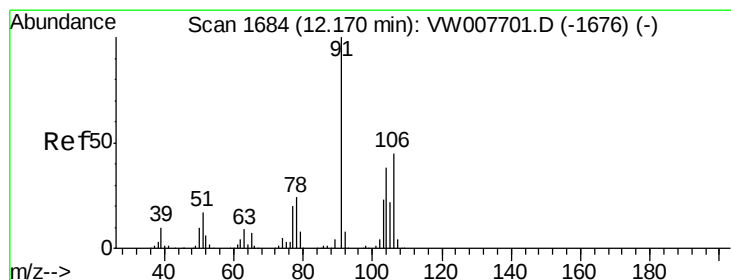
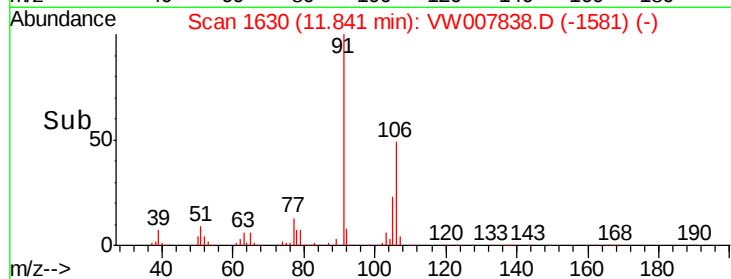
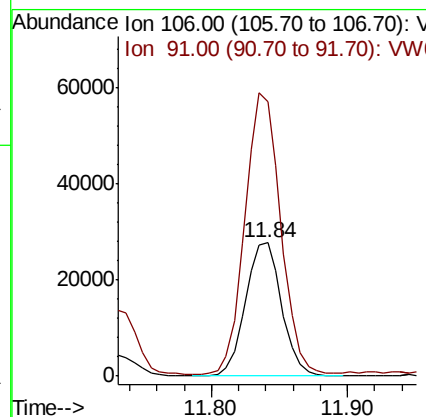
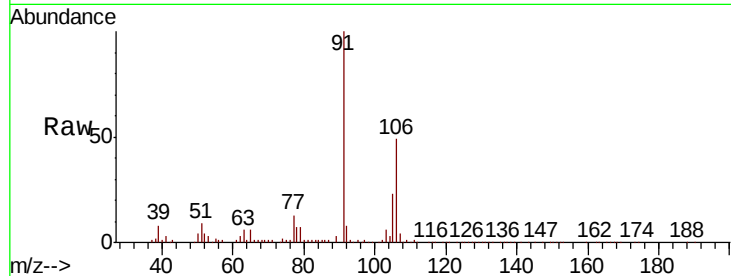
#68
m/p-Xylenes
Concen: 142.403 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Tot Ion:106 Resp: 50952
Ion Ratio Lower Upper
106 100
91 209.4 165.2 247.8

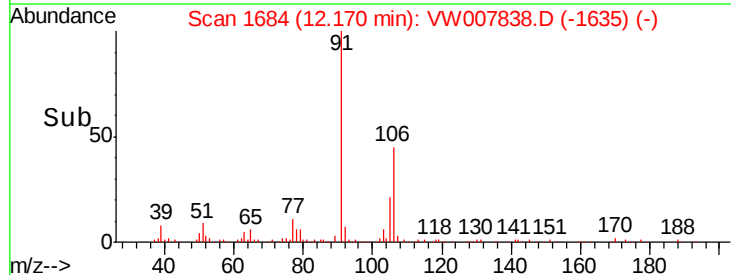
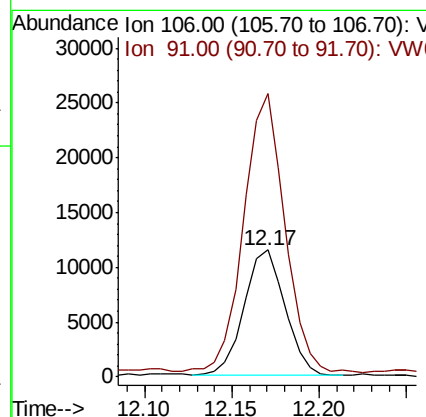
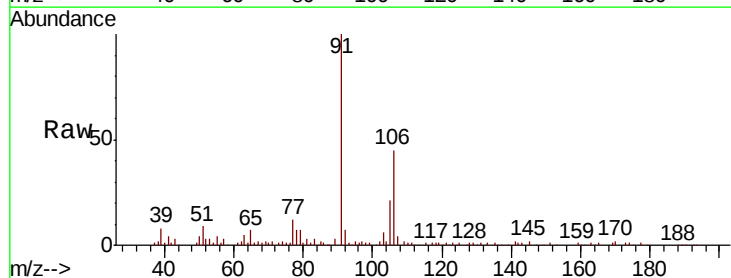
Manual Integrations
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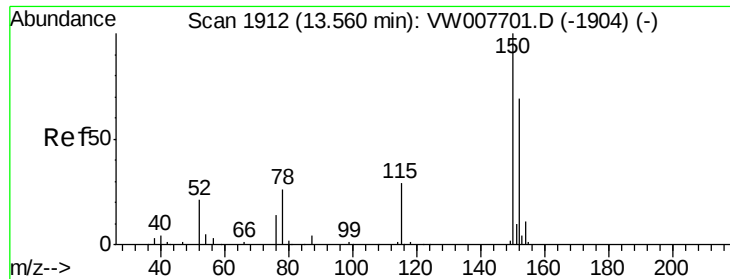
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12/26/2018 11:01:23 AM



#69
o-Xylene
Concen: 55.213 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion:106 Resp: 18518
Ion Ratio Lower Upper
106 100
91 222.8 110.5 331.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007838.D

Acq: 22 Dec 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

P001-SS020-0002-01

Tot Ion:152 Resp: 7130

Ion Ratio Lower Upper

152 100

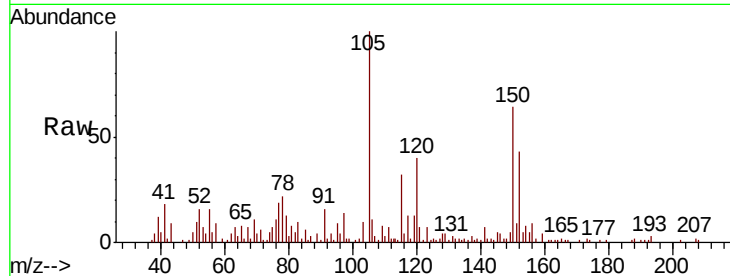
115 0.0 31.8 95.4#

150 144.6 0.0 350.8

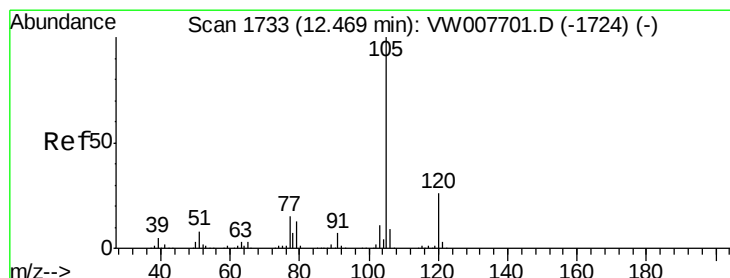
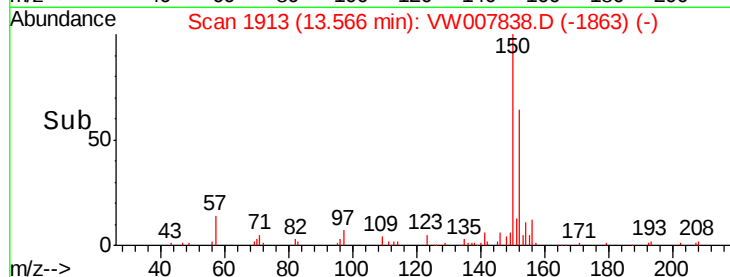
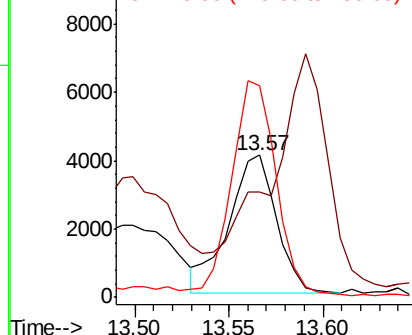
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 16.942 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007838.D

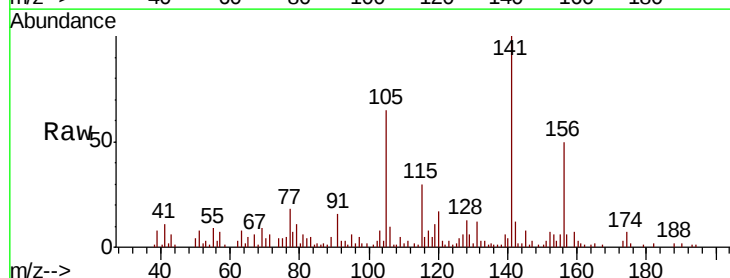
Acq: 22 Dec 2018 12:42

Tgt Ion:105 Resp: 9131

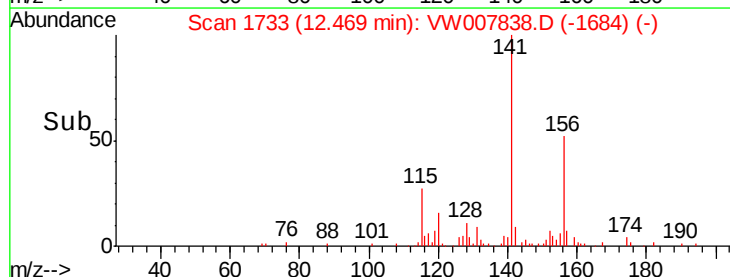
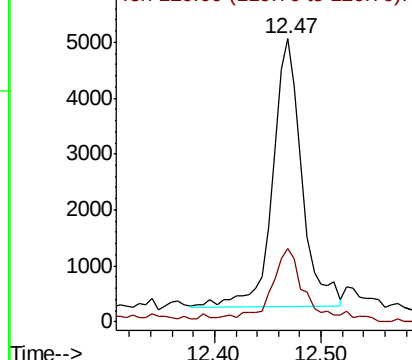
Ion Ratio Lower Upper

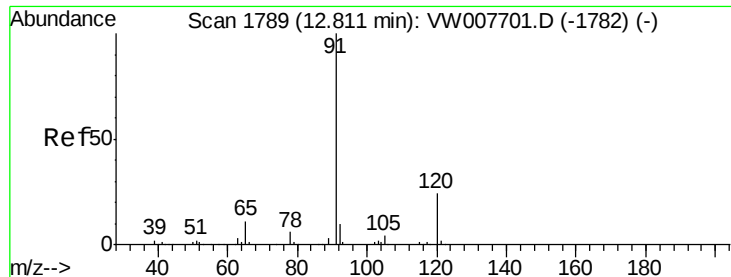
105 100

120 33.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





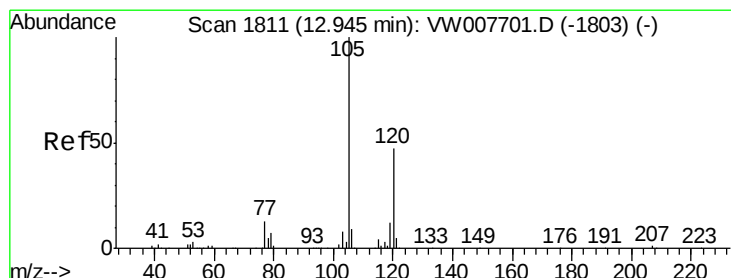
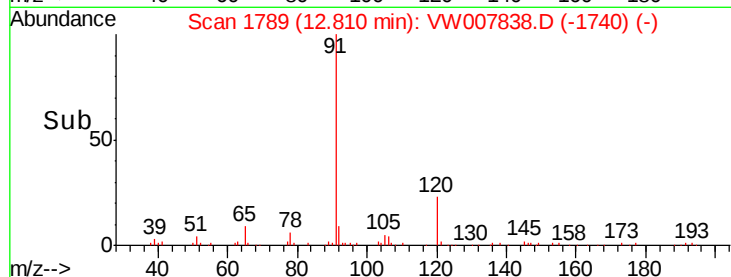
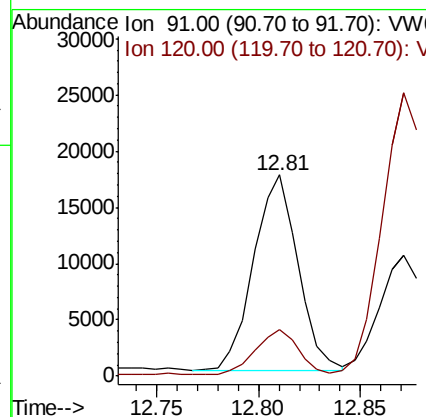
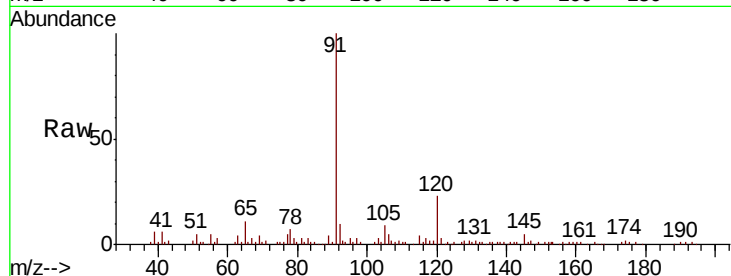
#78
n-propylbenzene
Concen: 41.666 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Tot Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.9	35.7

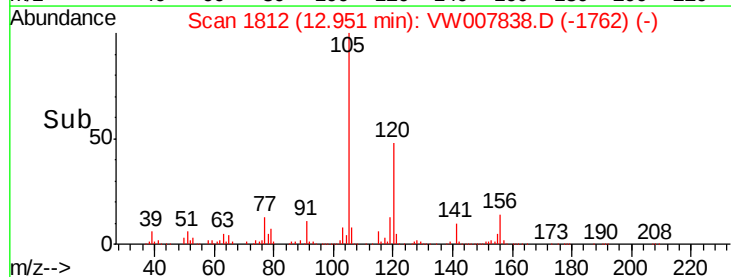
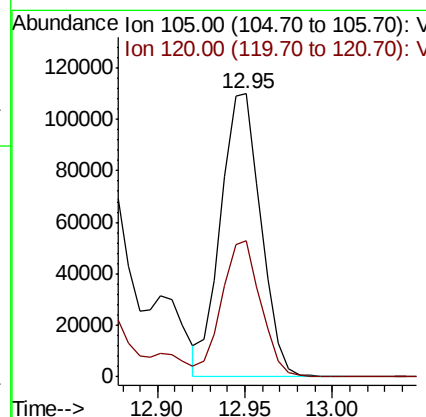
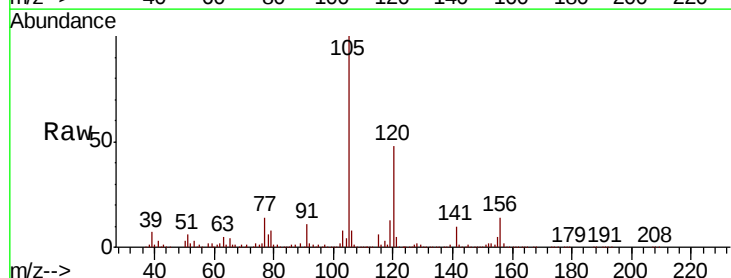
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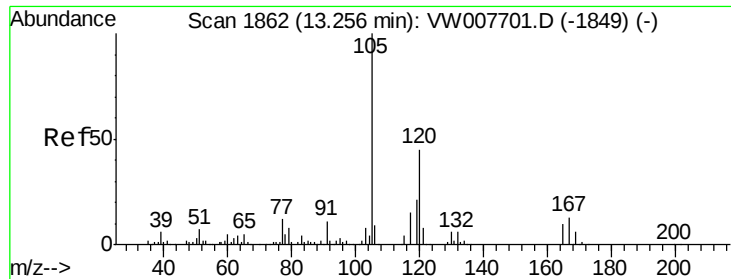
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#80
1,3,5-Trimethylbenzene
Concen: 374.409 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.6	70.8





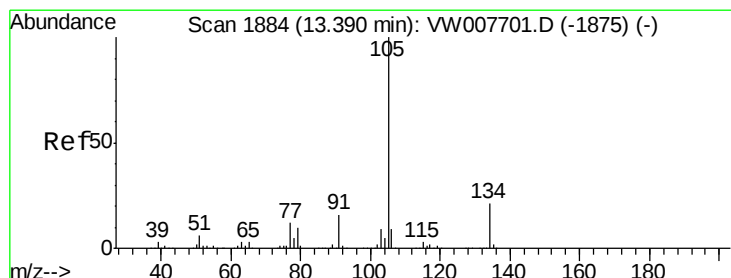
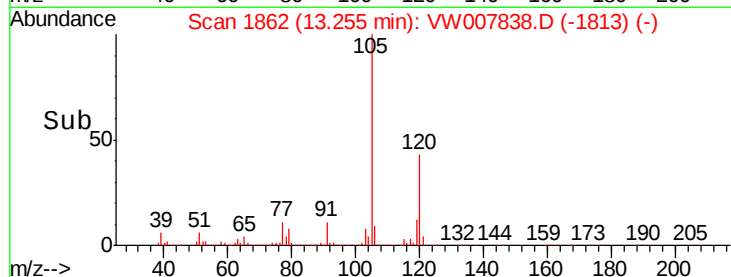
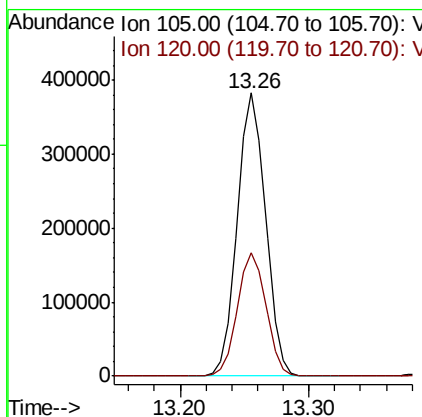
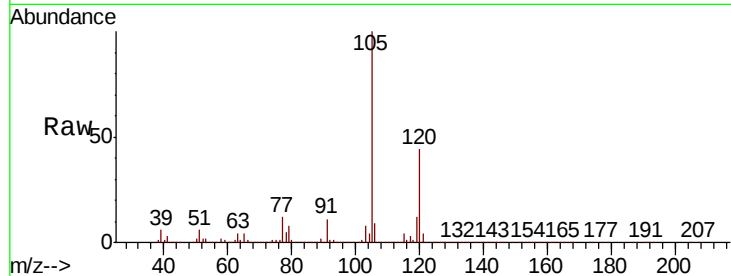
#84
1,2,4-Trimethylbenzene
Concen: 1241.130 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0

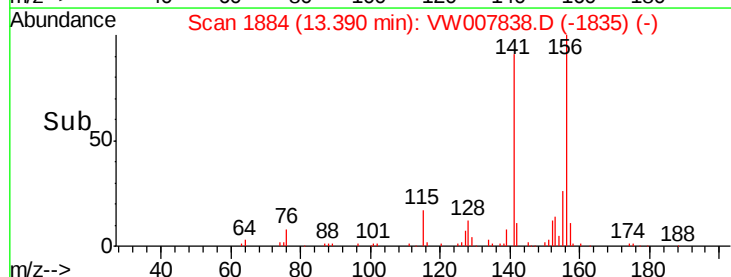
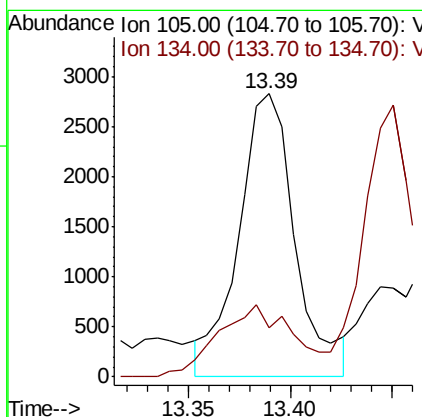
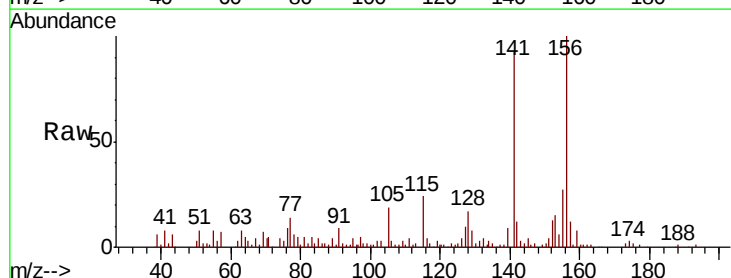
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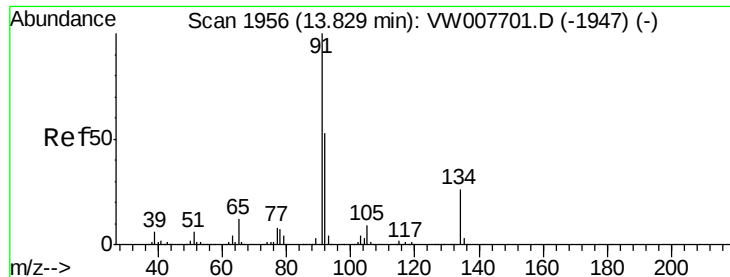
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#85
sec-Butylbenzene
Concen: 9.746 ug/l m
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#





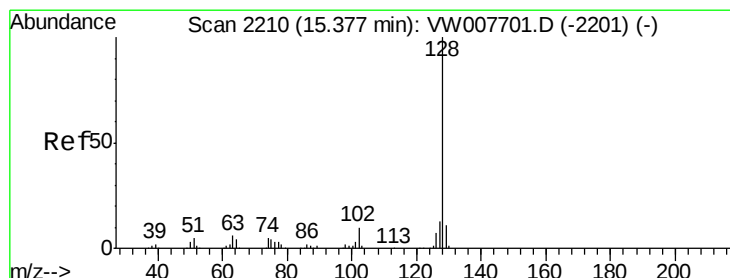
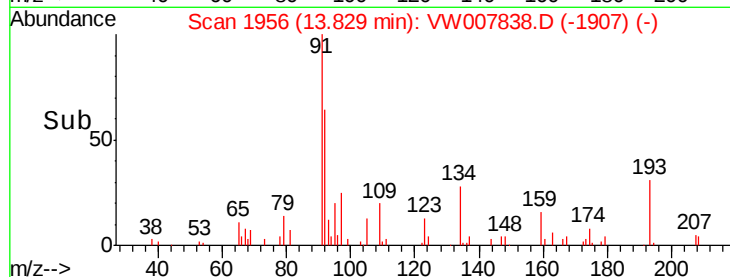
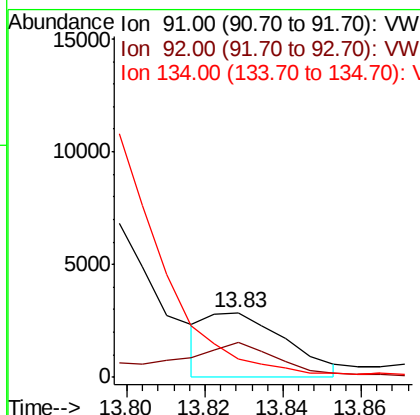
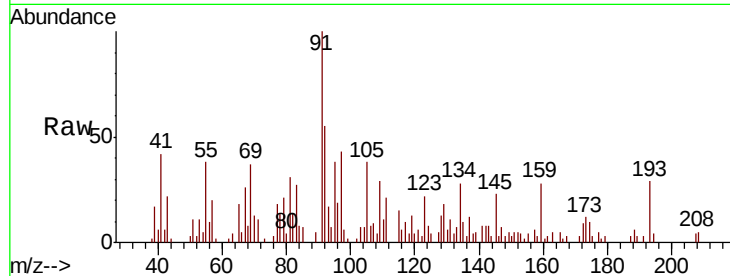
#89
n-Butylbenzene
Concen: 8.724 ug/l m
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
P001-SS020-0002-01

Tot Ion	Ratio	Lower	Upper
91	100		
92	21.4	26.4	79.2#
134	462.9	13.7	41.0#

Manual Integrations
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#95
Naphthalene
Concen: 149.550 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007838.D
Acq: 22 Dec 2018 12:42

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.2	8.8	13.2

