

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008030.D
 Acq On : 03 Jan 2019 19:24
 Operator : SY/AP
 Sample : K1016-01RE
 Misc : 8.72G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219RE

Manual Integrations
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MMDadoda
 1/4/2019 12:02:22 PM

Quant Time: Jan 04 07:11:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	55594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	100063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	68551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38703	62.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.88%	
35) Dibromofluoromethane	7.88	113	32366	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.32	98	109095	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
62) 4-Bromofluorobenzene	12.62	95	27400	30.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.38%	
Target Compounds						
16) Acetone	4.12	43	4174	43.852	ug/l	98
52) Toluene	10.39	92	7660	4.456	ug/l	99
67) Ethyl Benzene	11.73	91	4496	1.729	ug/l	99
68) m/p-Xylenes	11.84	106	8410	8.365	ug/l	98
69) o-Xylene	12.16	106	5601	5.987	ug/l	94
78) n-propylbenzene	12.80	91	10318	4.835	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	15182	9.582	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	71044	44.267	ug/l	96
85) sec-Butylbenzene	13.39	105	5269	2.763	ug/l	80
86) p-Isopropyltoluene	13.50	119	4517	2.626	ug/l	90
89) n-Butylbenzene	13.83	91	8742m	5.556	ug/l	

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

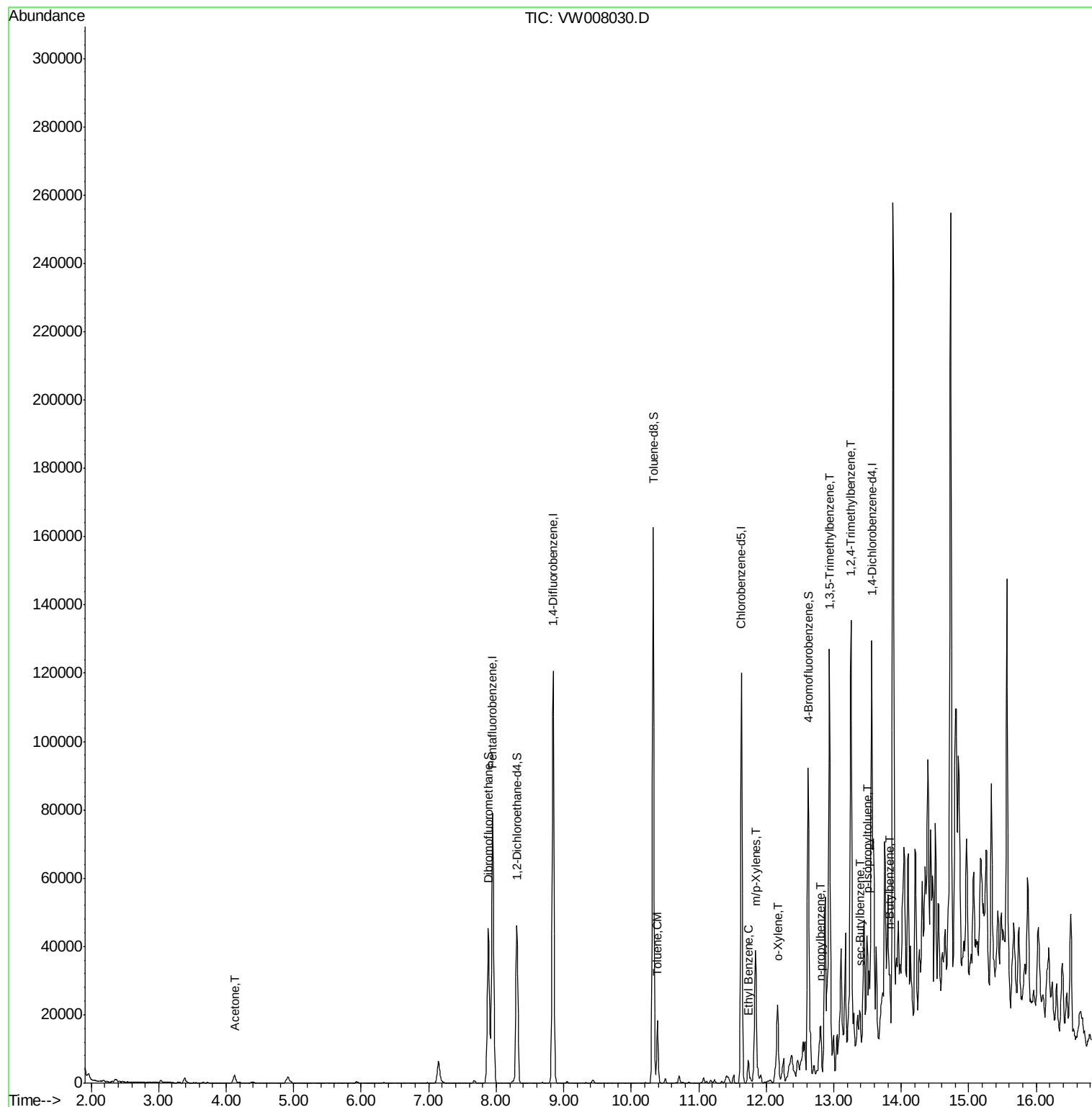
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010319\
Data File : VW008030.D
Acq On : 03 Jan 2019 19:24
Operator : SY/AP
Sample : K1016-01RE
Misc : 8.72G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

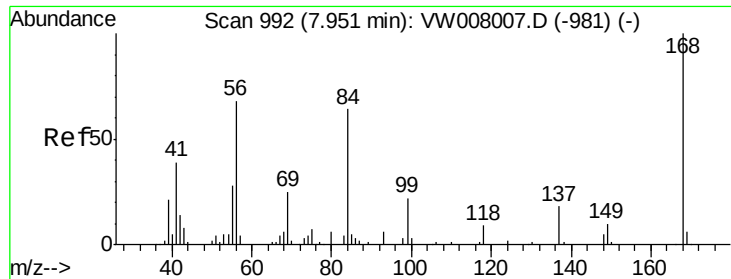
Instrument :
MSVOA_W
ClientSampleId :
TR-04-010219RE

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Quant Time: Jan 04 07:11:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
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: VW008030.D

Acq: 03 Jan 2019 19:24

Instrument :

MSVOA_W

ClientSampleId :

TR-04-010219RE

Tot Ion:168 Resp: 55594

Ion Ratio Lower Upper

168 100

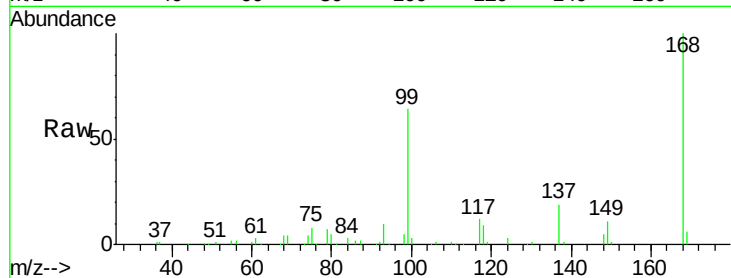
99 64.2 51.6 77.4

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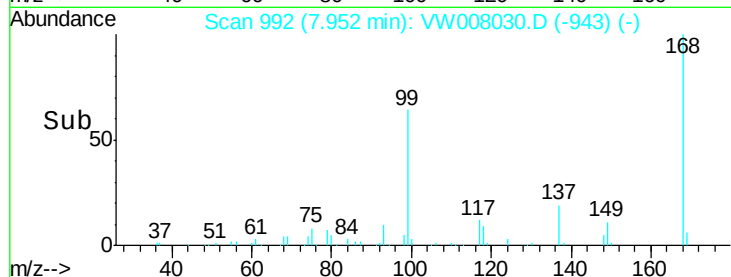


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



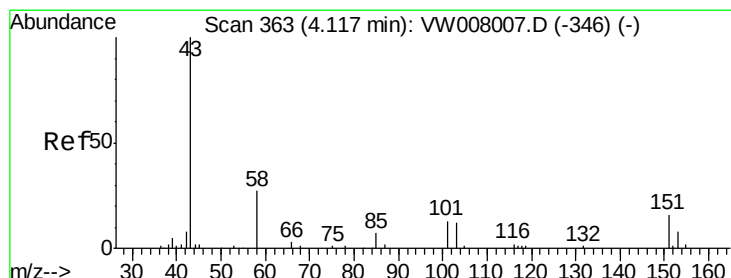
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



#16

Acetone

Concen: 43.852 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008030.D

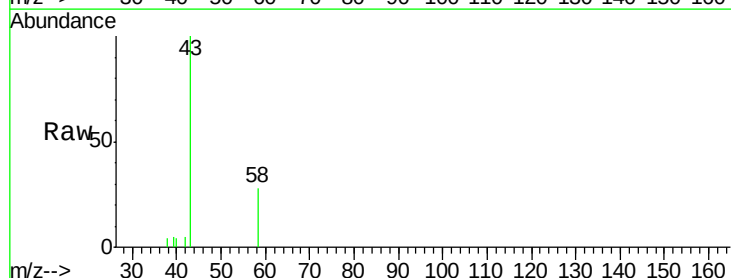
Acq: 03 Jan 2019 19:24

Tgt Ion: 43 Resp: 4174

Ion Ratio Lower Upper

43 100

58 28.2 21.7 32.5

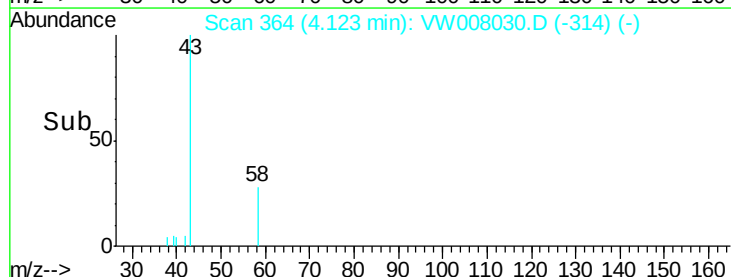


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->



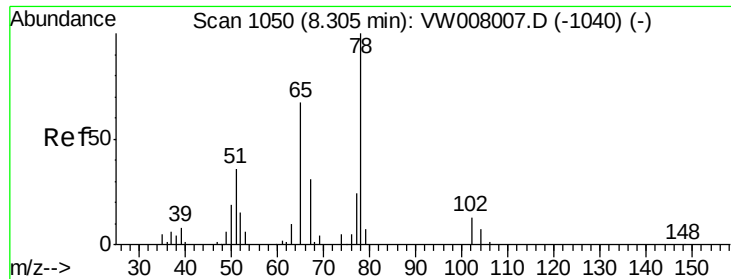
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->



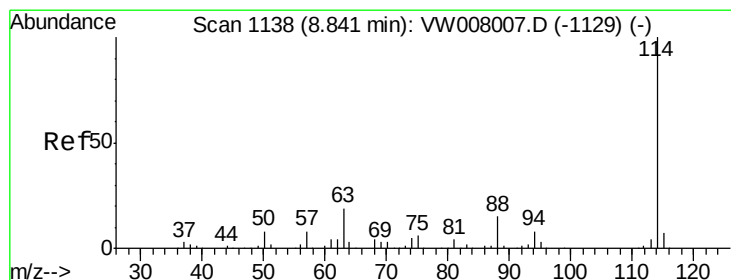
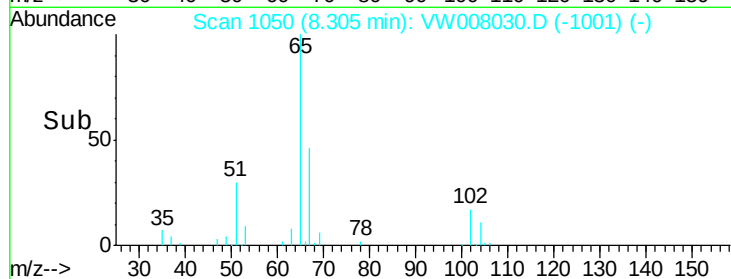
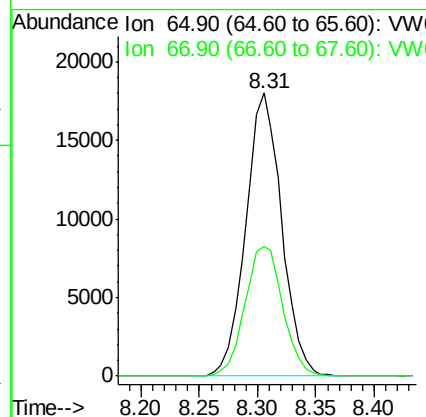
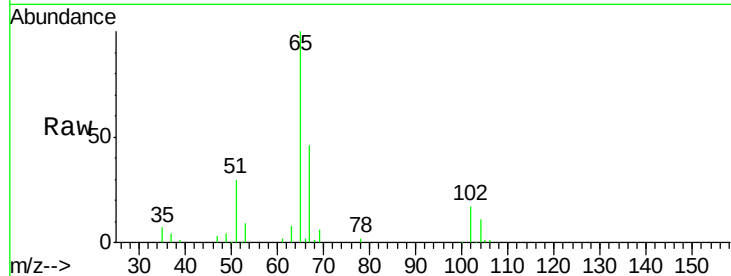
#33
 1,2-Dichloroethane-d4
 Concen: 62.942 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219RE

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	94.8

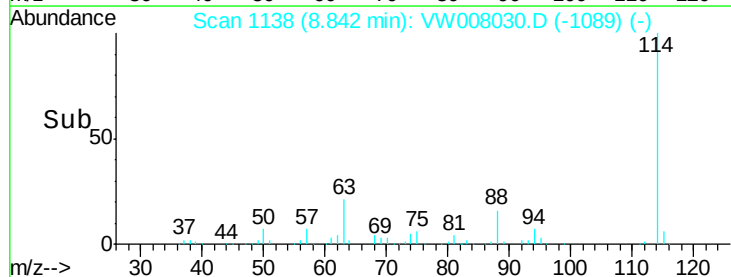
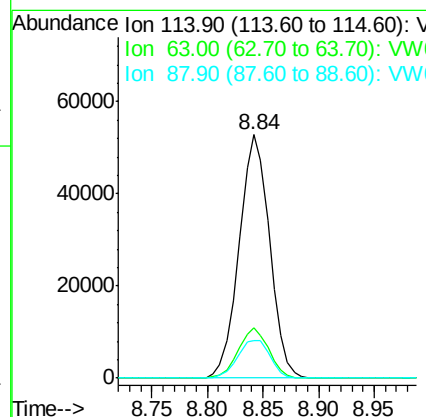
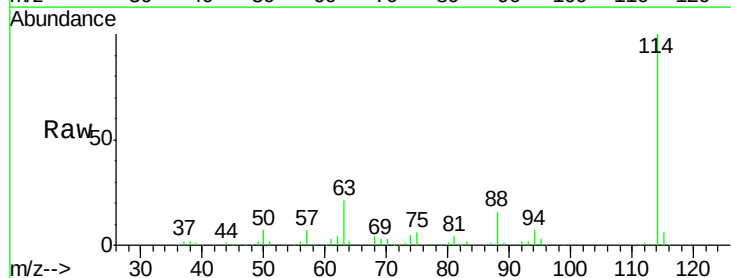
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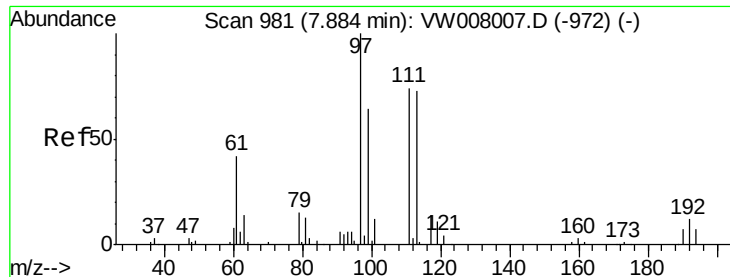
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.8
88	15.6	0.0	31.0





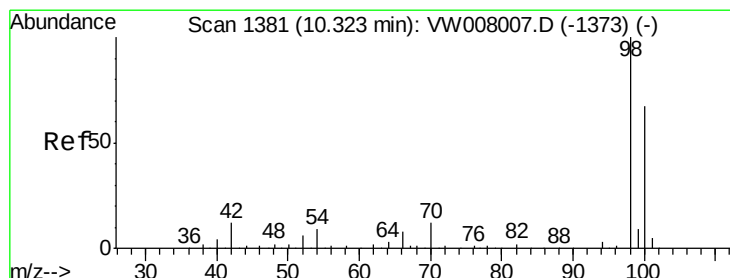
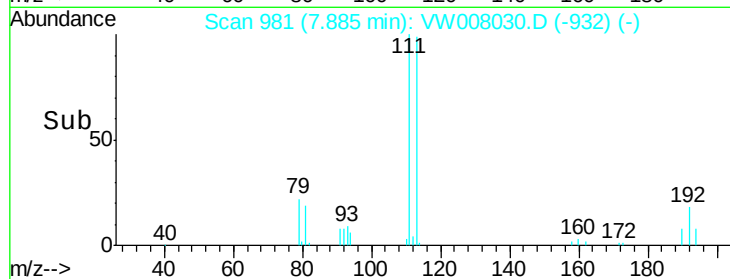
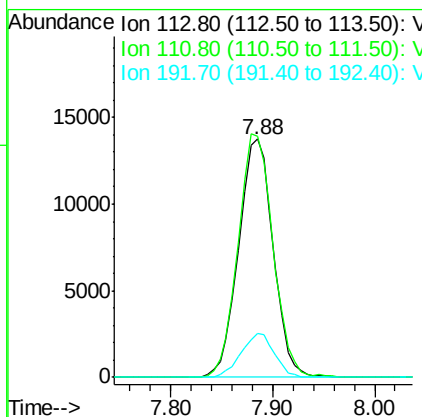
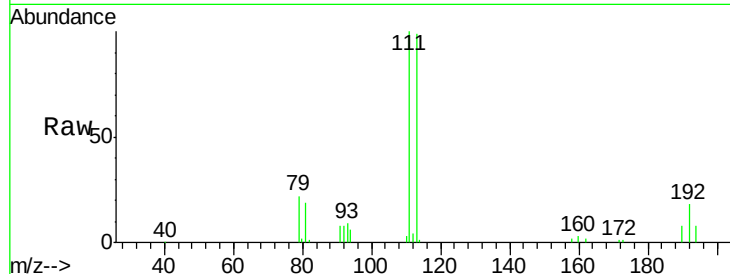
#35
 Dibromofluoromethane
 Concen: 51.309 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	17.5	14.8	22.2

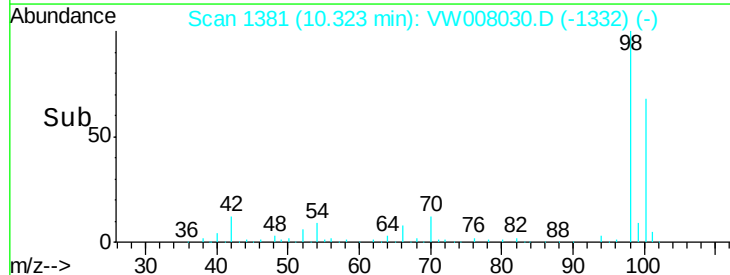
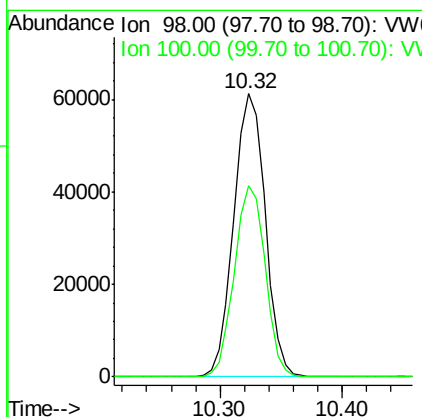
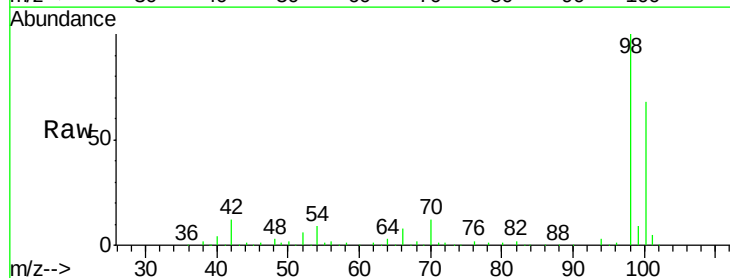
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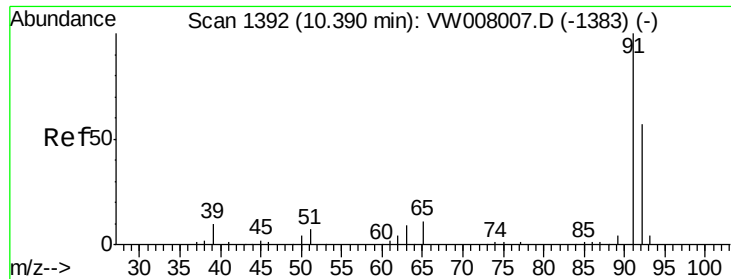
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#50
 Toluene-d8
 Concen: 46.104 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3





#52

Toluene

Concen: 4.456 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008030.D

Acq: 03 Jan 2019 19:24

Instrument :

MSVOA_W

ClientSampleId :

TR-04-010219RE

Tot Ion: 92 Resp: 7660

Ion Ratio Lower Upper

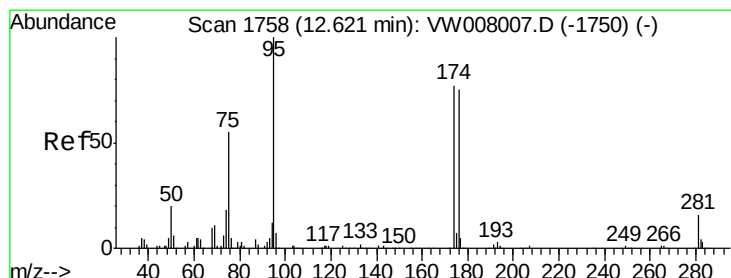
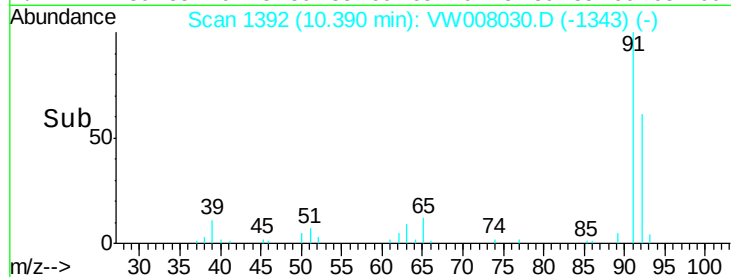
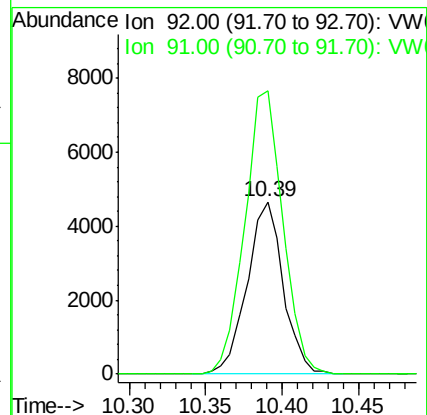
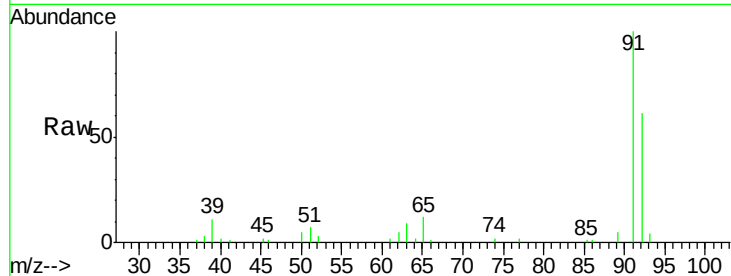
92 100

91 172.5 136.9 205.3

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#62

4-Bromofluorobenzene

Concen: 30.193 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008030.D

Acq: 03 Jan 2019 19:24

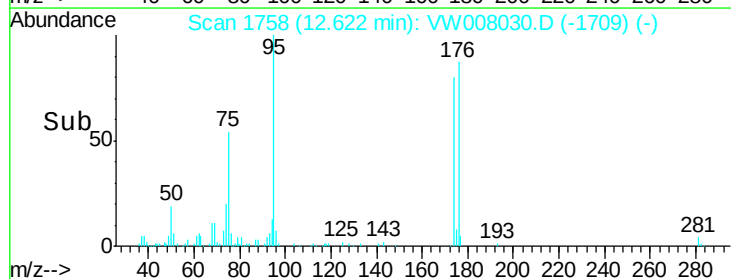
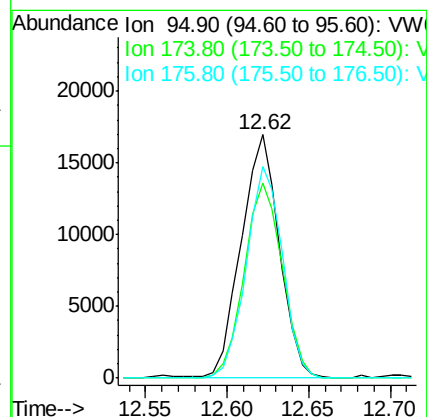
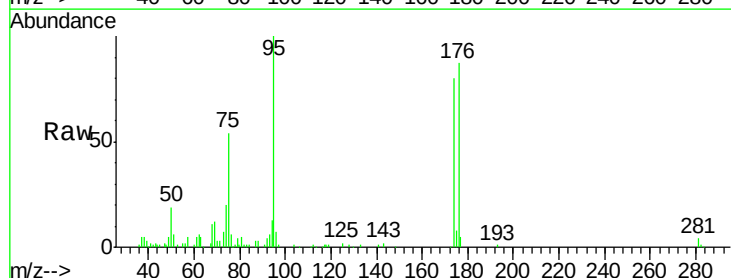
Tgt Ion: 95 Resp: 27400

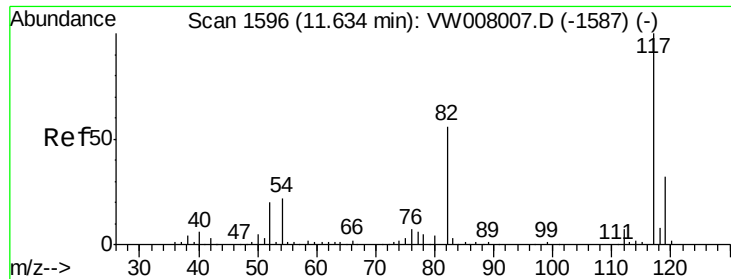
Ion Ratio Lower Upper

95 100

174 80.7 0.0 149.6

176 82.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008030.D

Acq: 03 Jan 2019 19:24

Instrument :

MSVOA_W

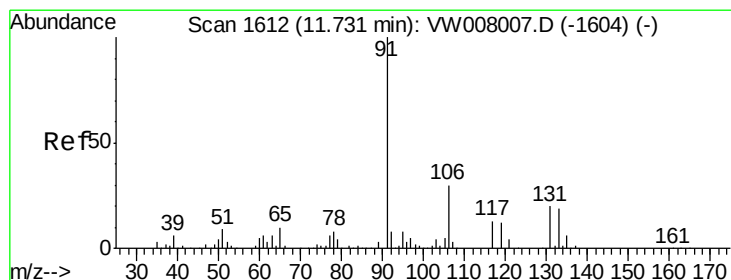
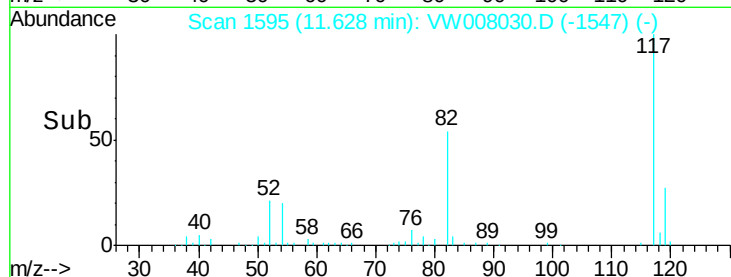
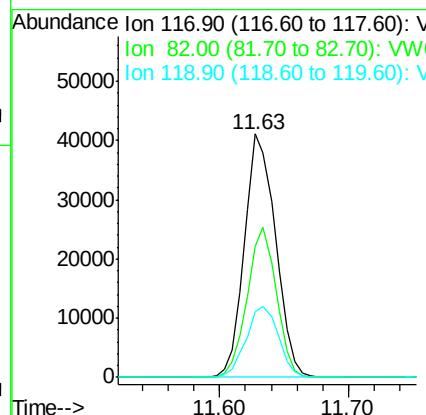
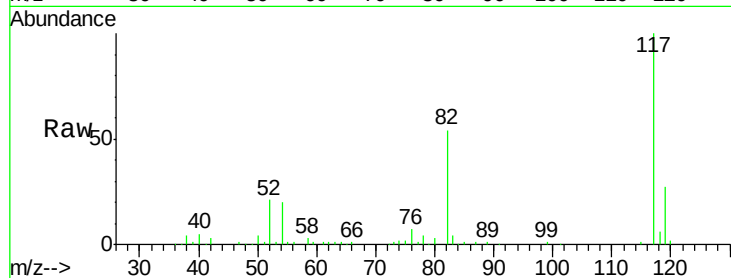
ClientSampleId :

TR-04-010219RE

Tot Ion:	117	Resp:	68551
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.8	67.2
119	27.1	25.6	38.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 1.729 ug/l

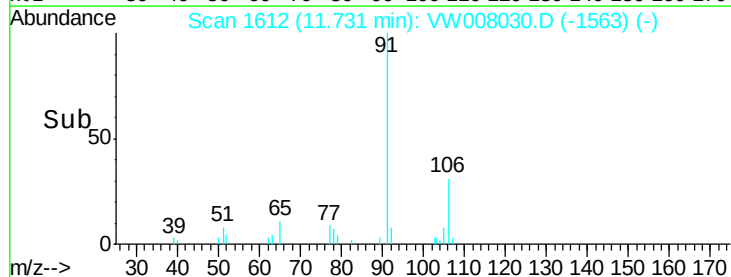
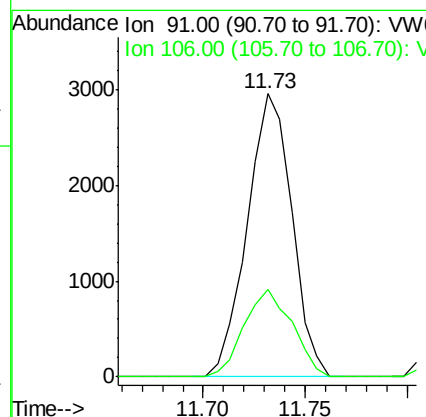
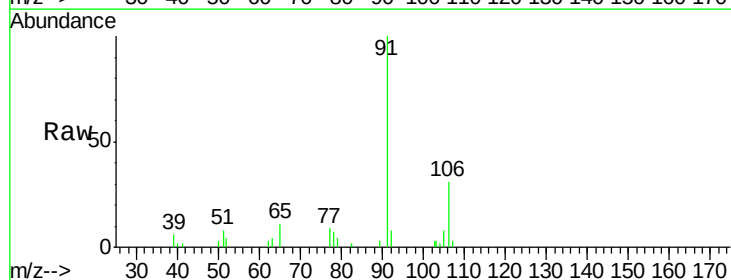
RT: 11.73 min Scan# 1612

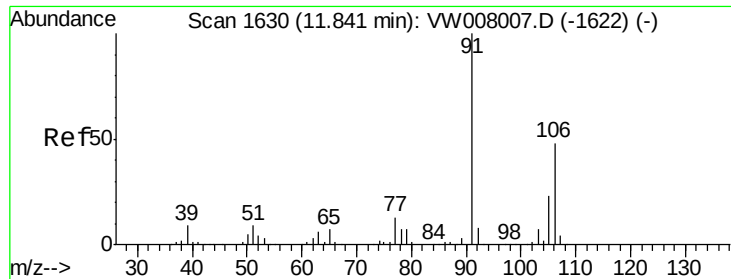
Delta R.T. 0.00 min

Lab File: VW008030.D

Acq: 03 Jan 2019 19:24

Tgt Ion:	91	Resp:	4496
Ion Ratio	Lower	Upper	
91	100		
106	30.9	24.3	36.5





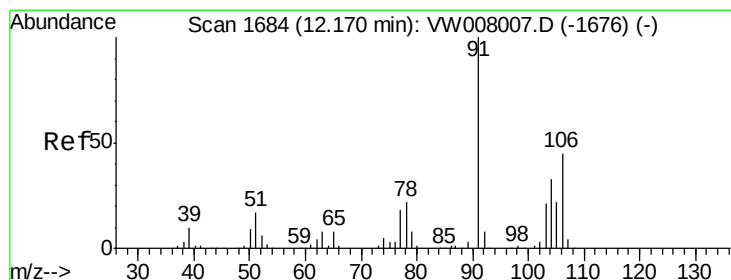
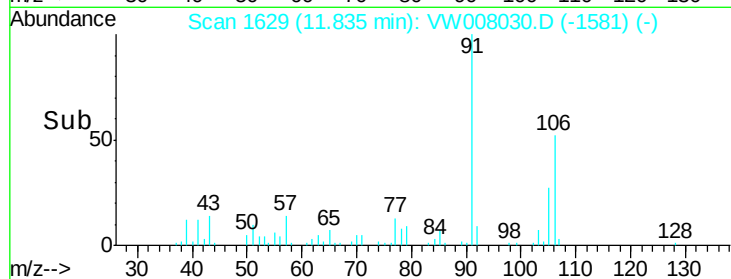
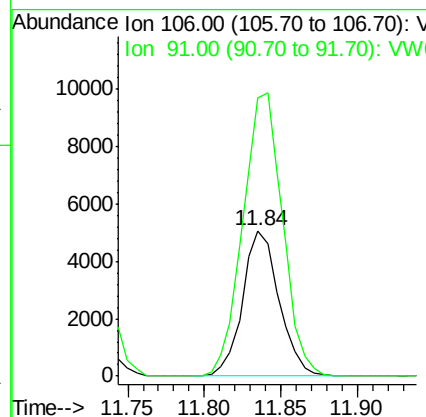
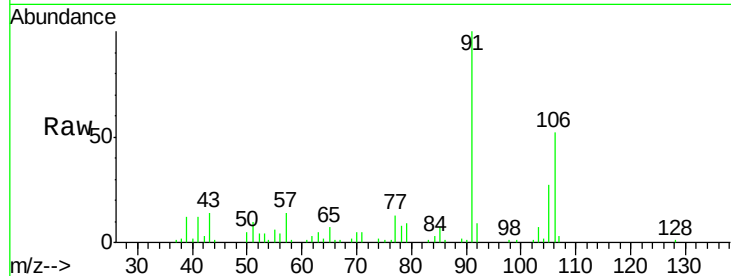
#68
m/p-Xylenes
Concen: 8.365 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008030.D
Acq: 03 Jan 2019 19:24

Instrument :
MSVOA_W
ClientSampleId :
TR-04-010219RE

Tot Ion:106 Resp: 8410
Ion Ratio Lower Upper
106 100
91 211.0 165.8 248.8

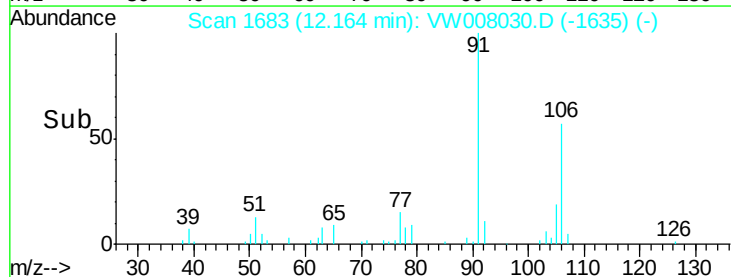
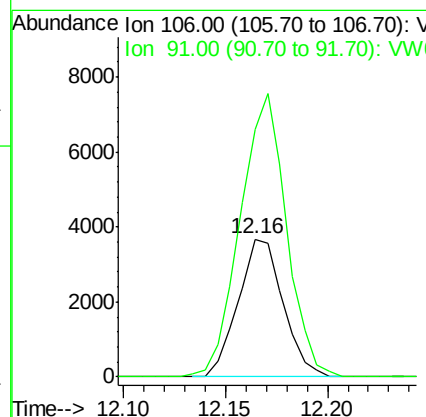
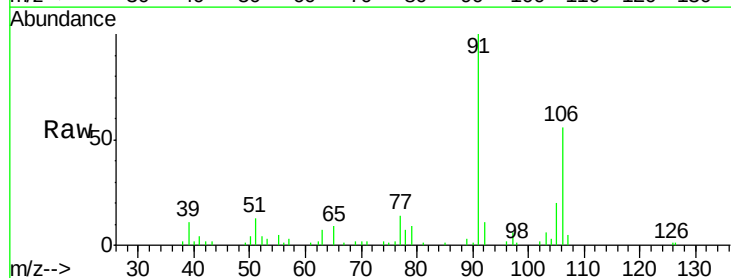
Manual Integrations
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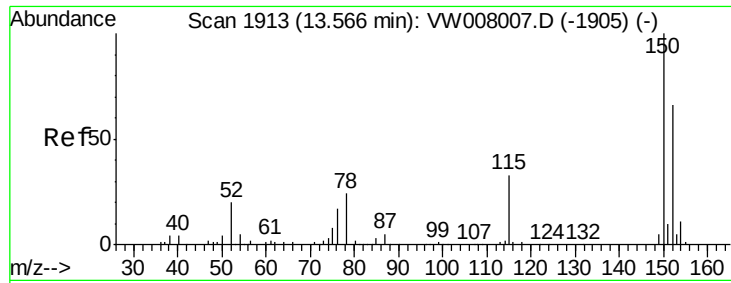
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#69
o-Xylene
Concen: 5.987 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008030.D
Acq: 03 Jan 2019 19:24

Tgt Ion:106 Resp: 5601
Ion Ratio Lower Upper
106 100
91 211.8 110.6 331.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008030.D

Acq: 03 Jan 2019 19:24

Instrument :

MSVOA_W

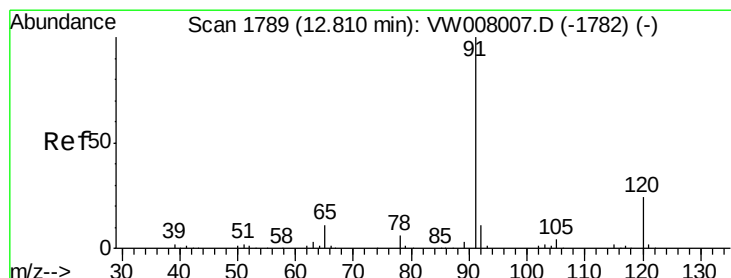
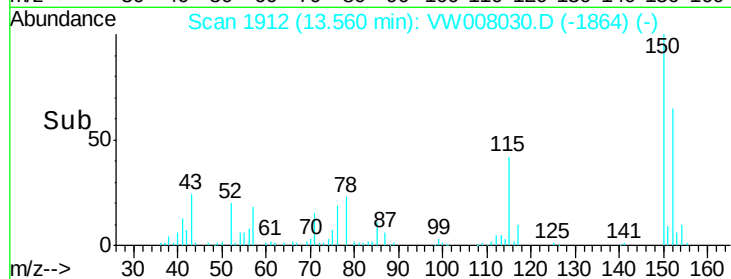
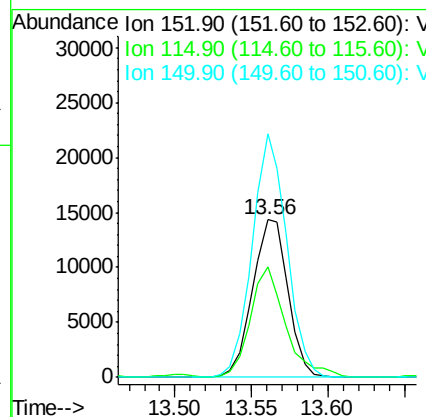
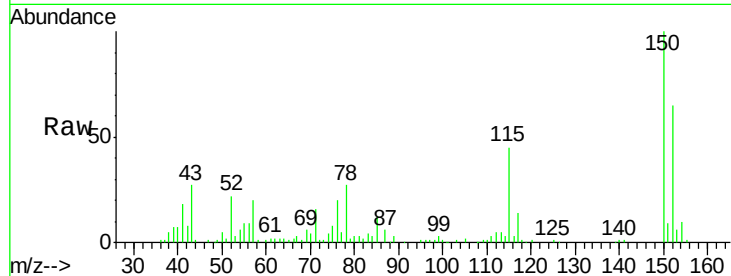
ClientSampleId :

TR-04-010219RE

Tot Ion:	152	Resp:	23149
Ion	Ratio	Lower	Upper
152	100		
115	69.3	32.1	96.5
150	150.2	0.0	345.0

Manual Integrations
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#78

n-propylbenzene

Concen: 4.835 ug/l

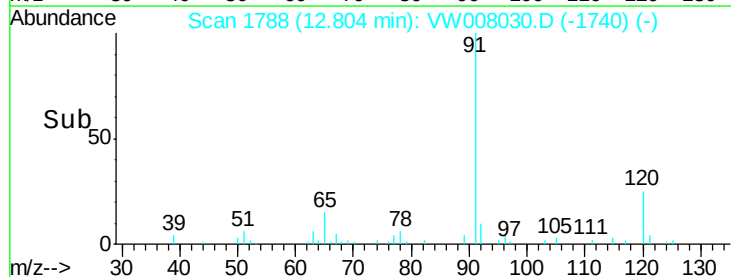
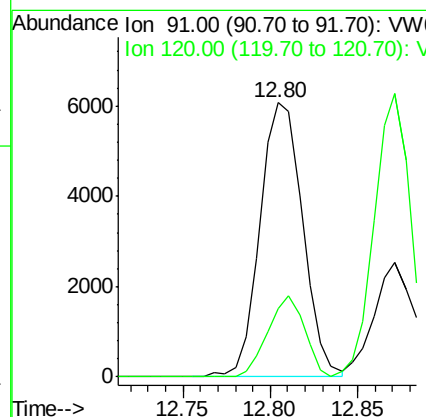
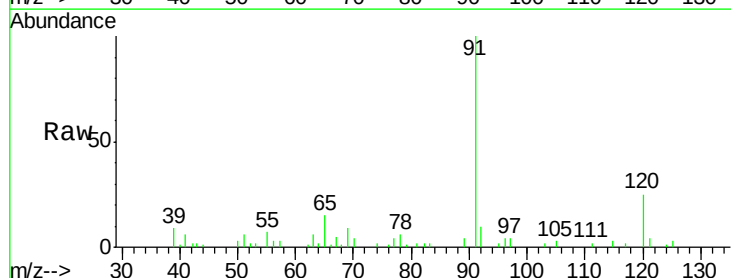
RT: 12.80 min Scan# 1788

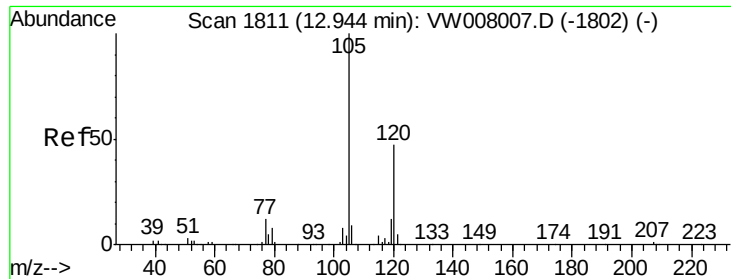
Delta R.T. -0.01 min

Lab File: VW008030.D

Acq: 03 Jan 2019 19:24

Tgt Ion:	91	Resp:	10318
Ion	Ratio	Lower	Upper
91	100		
120	25.2	11.5	34.5





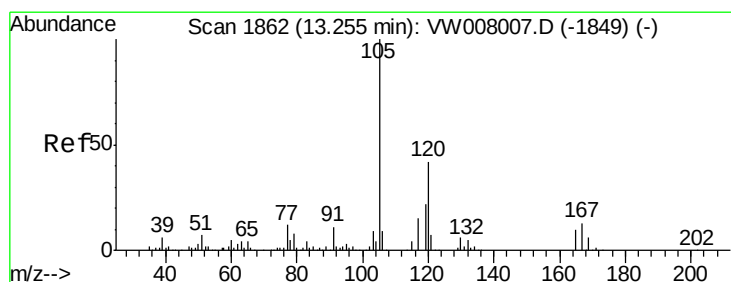
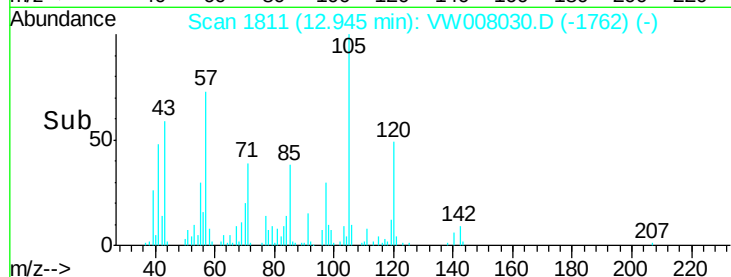
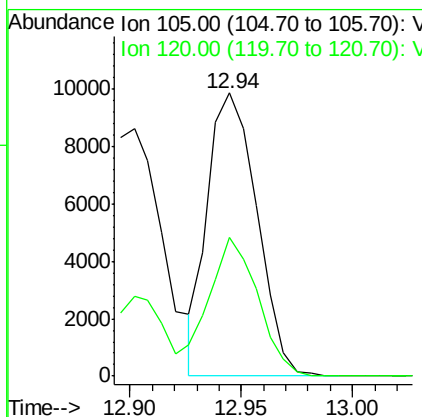
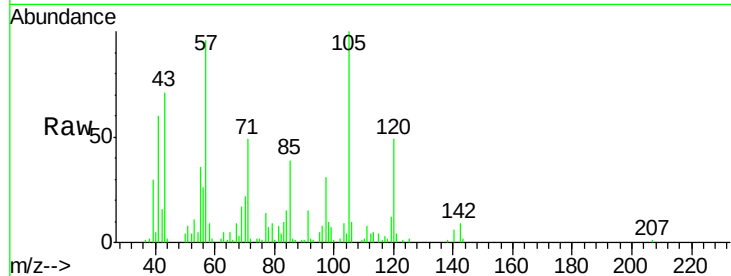
#80
 1,3,5-Trimethylbenzene
 Concen: 9.582 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219RE

Tot Ion:105 Resp: 15182
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.3 69.9

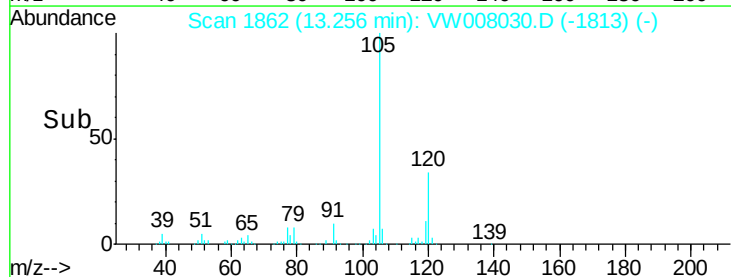
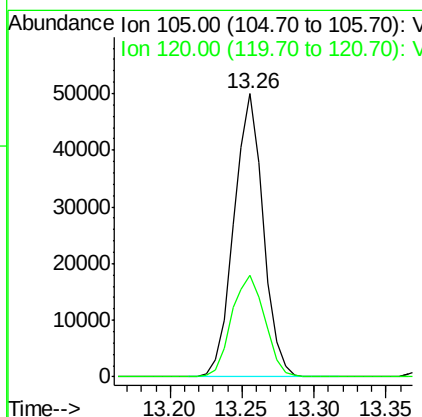
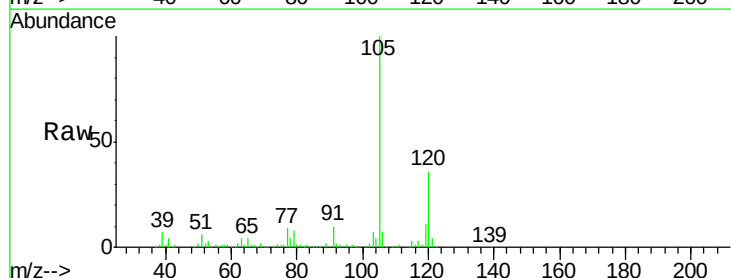
Manual Integrations
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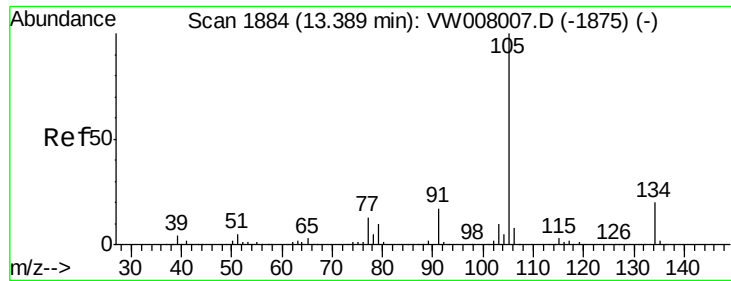
MMDadoda
 1/4/2019 12:02:22 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 44.267 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Tgt Ion:105 Resp: 71044
 Ion Ratio Lower Upper
 105 100
 120 40.7 21.5 64.5





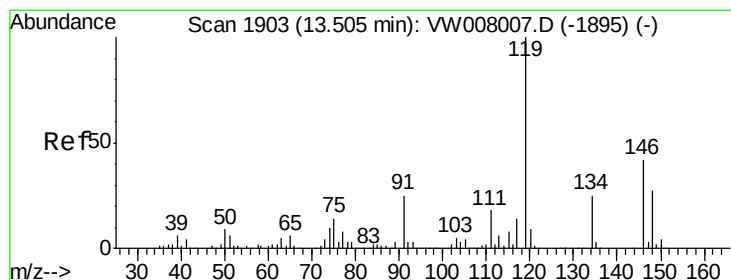
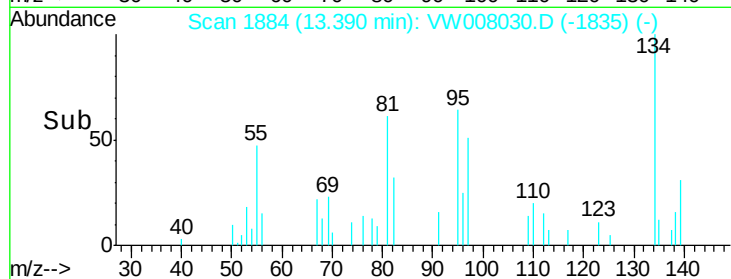
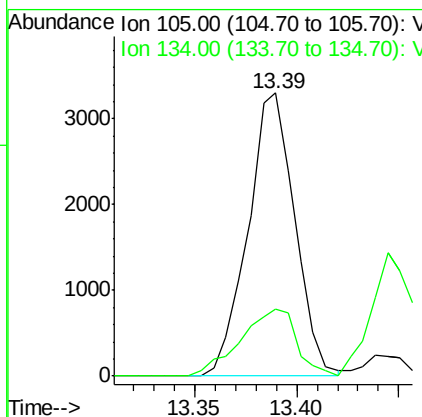
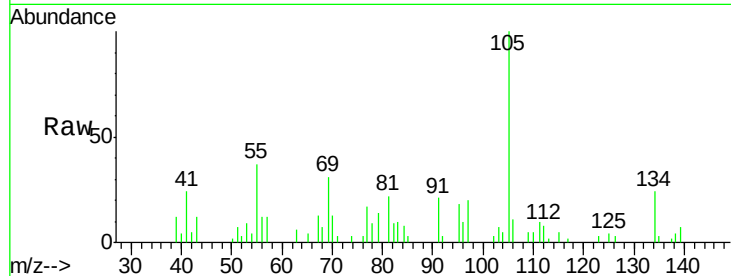
#85
 sec-Butylbenzene
 Concen: 2.763 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219RE

Tot Ion:105 Resp: 5269
 Ion Ratio Lower Upper
 105 100
 134 28.4 9.7 28.9

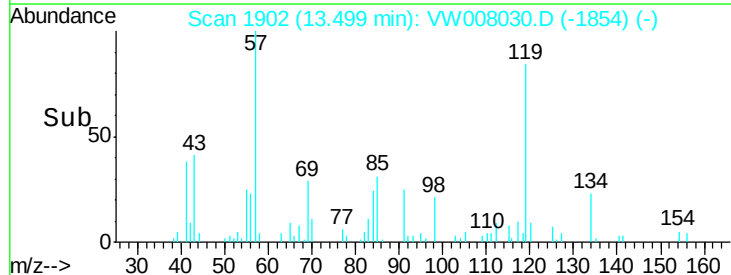
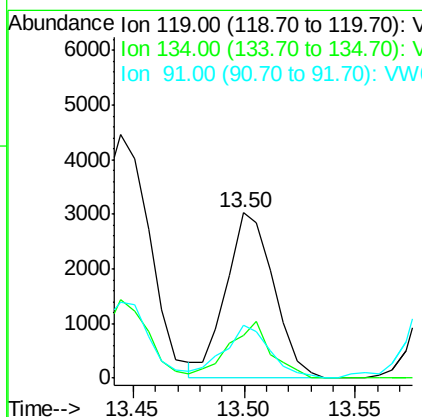
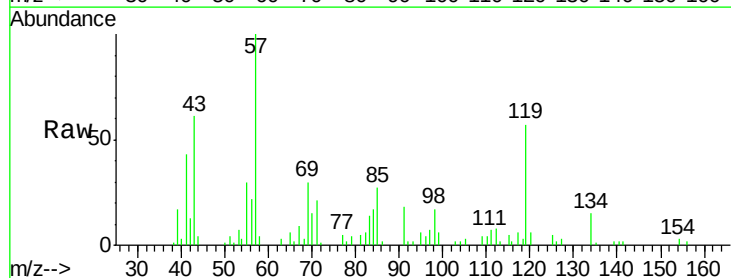
Manual Integrations
 APPROVED

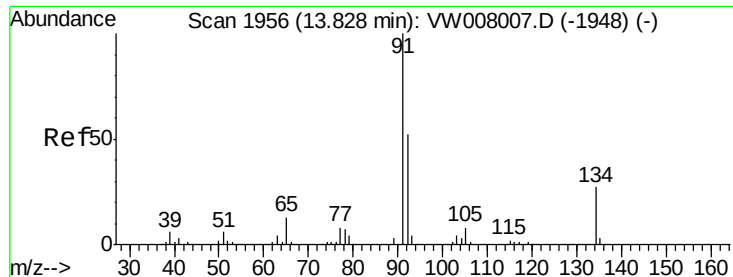
MMDadoda
 1/4/2019 12:02:22 PM



#86
 p-Isopropyltoluene
 Concen: 2.626 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Tgt Ion:119 Resp: 4517
 Ion Ratio Lower Upper
 119 100
 134 30.4 12.5 37.5
 91 31.0 13.1 39.3





#89
 n-Butylbenzene
 Concen: 5.556 ug/l m
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008030.D
 Acq: 03 Jan 2019 19:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		8742		
92	49.5	26.4	79.2		
134	0.0	13.4	40.2		

Manual Integrations
 APPROVED

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