

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007717.D
 Acq On : 19 Dec 2018 23:03
 Operator : SY/AP
 Sample : J6392-08
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB103-121118-(25-27)

Manual Integrations
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 12/20/2018 11:20:13 AM

Quant Time: Dec 20 07:48:10 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	92355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	151416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42668	42.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.30%	
35) Dibromofluoromethane	7.88	113	38291	41.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.90%	
50) Toluene-d8	10.32	98	152582	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
62) 4-Bromofluorobenzene	12.62	95	66487	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	15805	83.380	ug/l	99
31) Cyclohexane	7.93	56	40738	27.035	ug/l #	44
39) Methylcyclohexane	9.30	83	60431m	33.277	ug/l	
40) Benzene	8.32	78	59317	15.210	ug/l	100
67) Ethyl Benzene	11.73	91	1580946	307.901	ug/l	97
68) m/p-Xylenes	11.85	106	6477m	3.252	ug/l	
73) Isopropylbenzene	12.47	105	543653	103.925	ug/l	100
78) n-propylbenzene	12.81	91	1398854	229.717	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1419919	314.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	103920	22.824	ug/l	99
85) sec-Butylbenzene	13.39	105	169431	31.051	ug/l #	46
86) p-Isopropyltoluene	13.51	119	89531	18.045	ug/l	99
95) Naphthalene	15.37	128	67974	24.853	ug/l	97

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

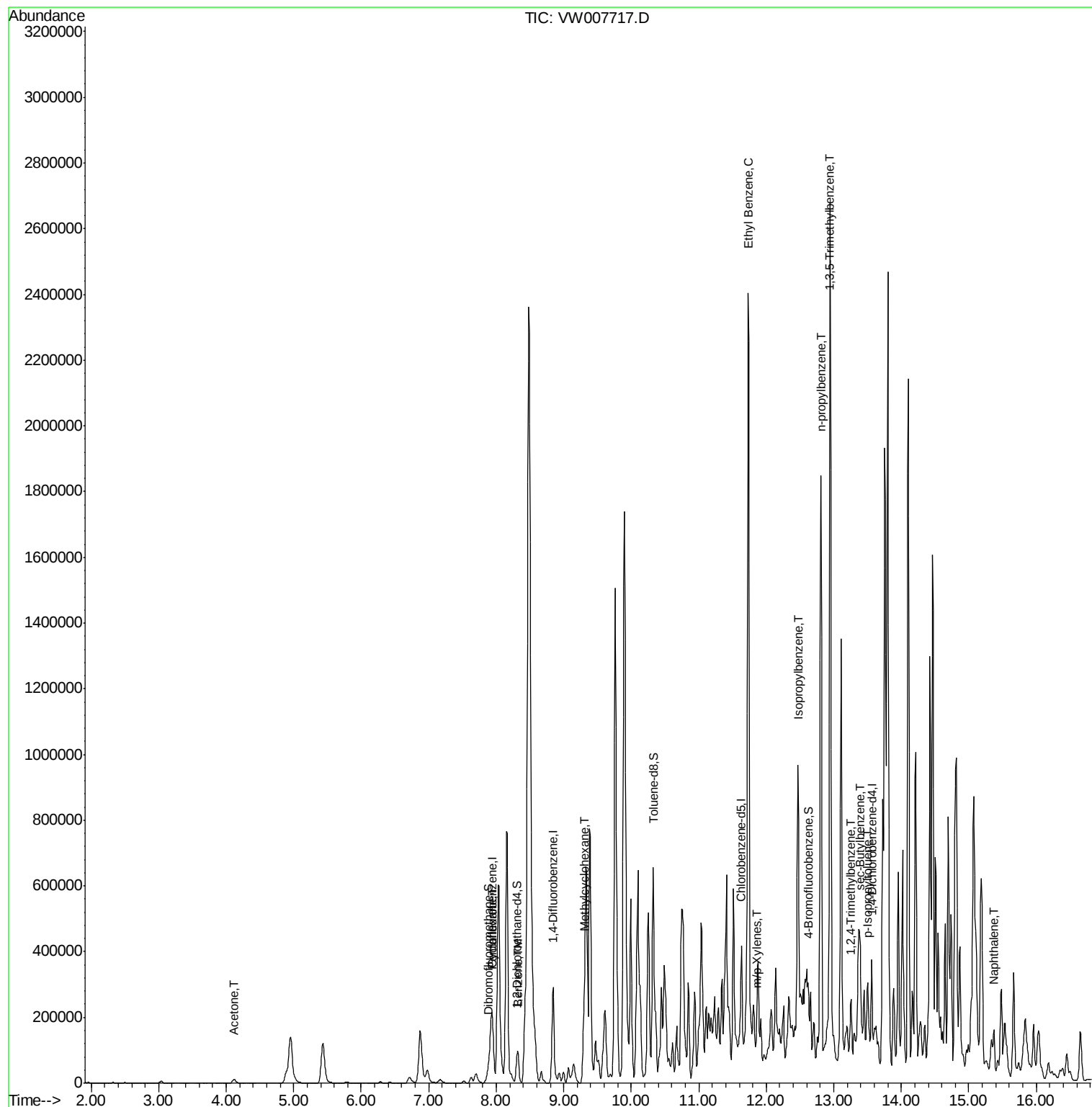
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007717.D
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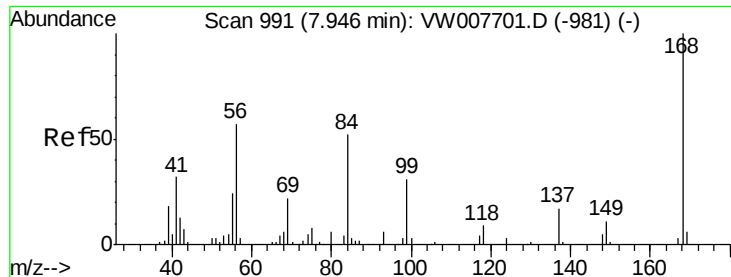
Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

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Quant Time: Dec 20 07:48:10 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# 991

Delta R.T. -0.00 min

Lab File: VW007717.D

Acq: 19 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

KY001SB103-121118-(25-27)

Tot Ion:168 Resp: 92355

Ion Ratio Lower Upper

168 100

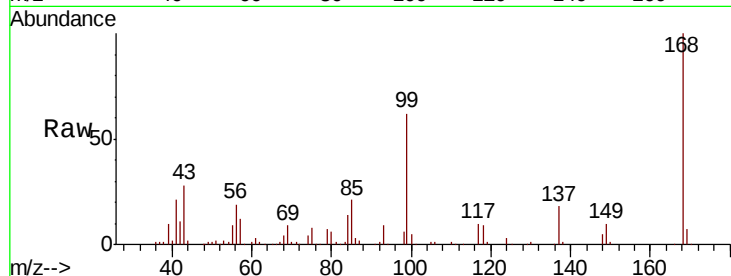
99 62.4 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

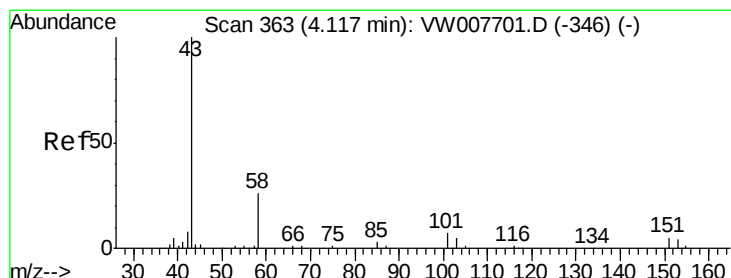
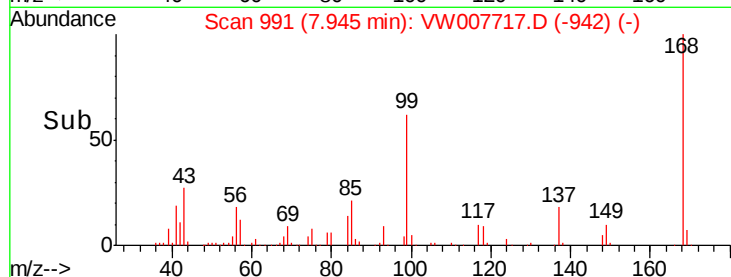
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 83.380 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007717.D

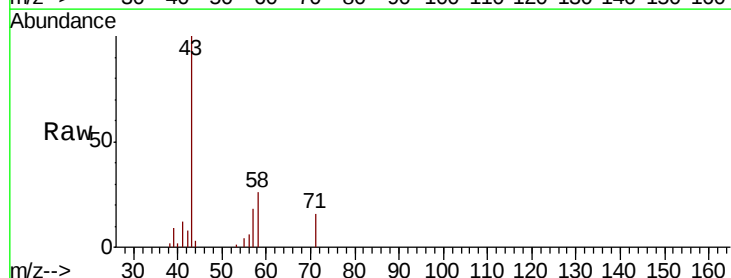
Acq: 19 Dec 2018 23:03

Tgt Ion: 43 Resp: 15805

Ion Ratio Lower Upper

43 100

58 25.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

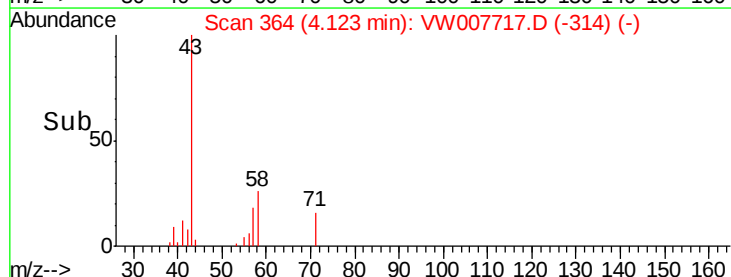
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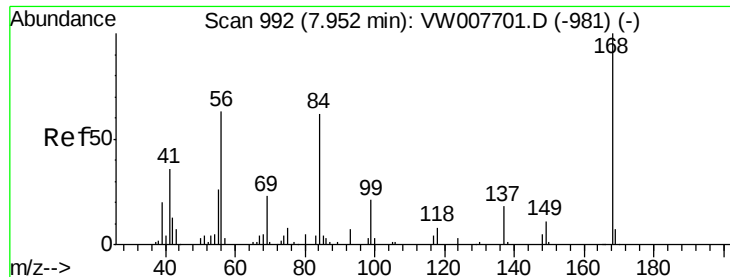
2000

1000

0

Time-->





#31

Cyclohexane

Concen: 27.035 ug/l

RT: 7.93 min Scan# 988

Delta R.T. -0.02 min

Lab File: VW007717.D

Acq: 19 Dec 2018 23:03

Instrument :

MSVOA_W

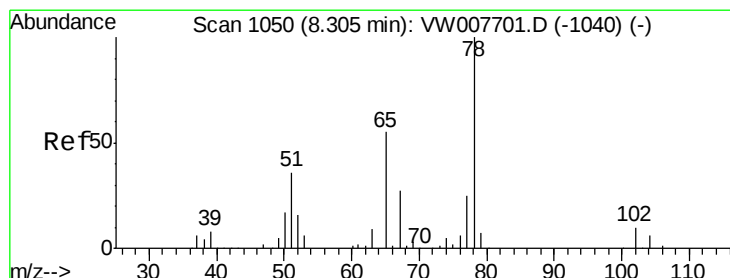
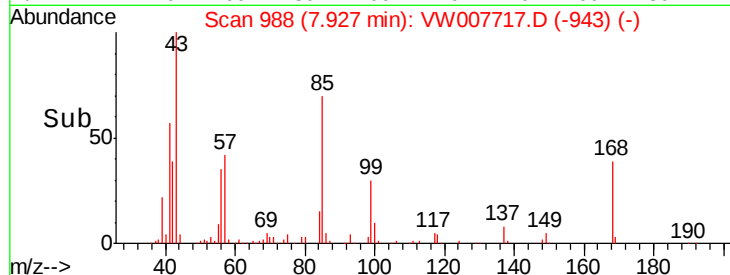
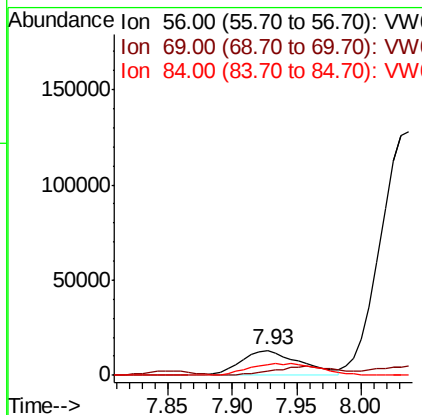
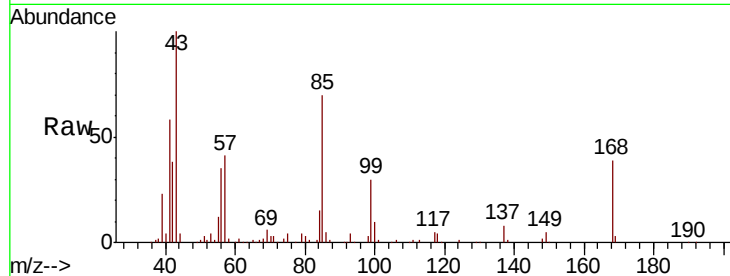
ClientSampleId :

KY001SB103-121118-(25-27)

Tot Ion:	56	Resp:	40738
Ion Ratio	Lower	Upper	
56	100		
69	5.0	29.7	44.5#
84	42.2	78.9	118.3#

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#33

1,2-Dichloroethane-d4

Concen: 42.152 ug/l

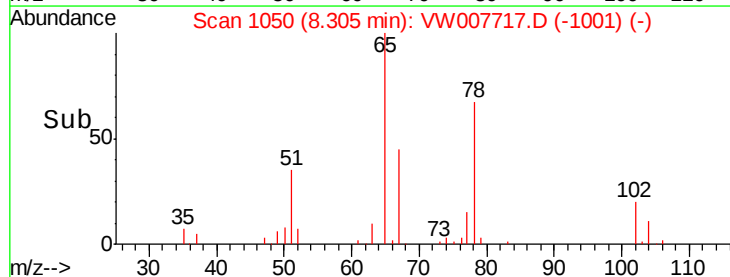
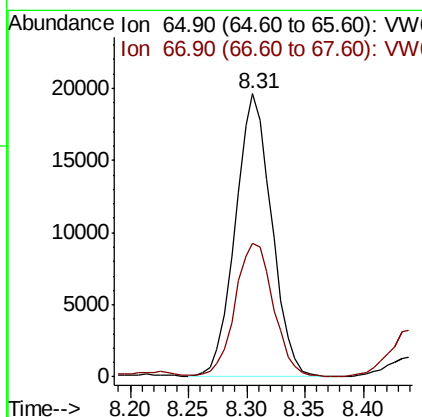
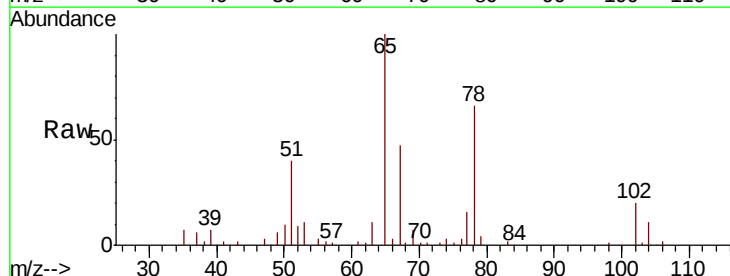
RT: 8.31 min Scan# 1050

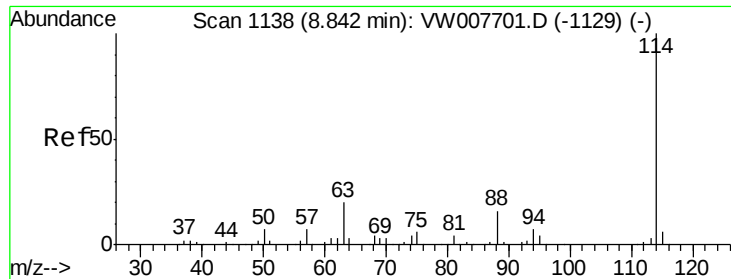
Delta R.T. -0.00 min

Lab File: VW007717.D

Acq: 19 Dec 2018 23:03

Tgt Ion:	65	Resp:	42668
Ion Ratio	Lower	Upper	
65	100		
67	49.9	0.0	100.6





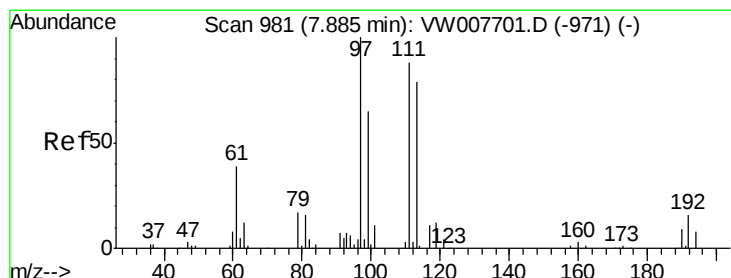
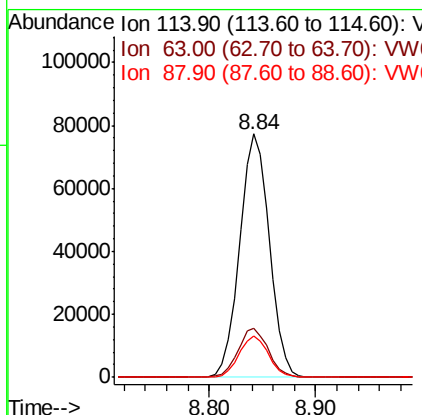
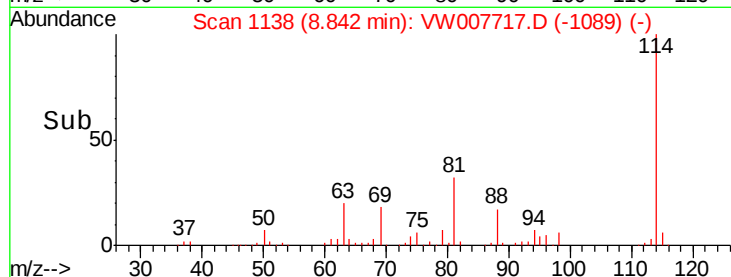
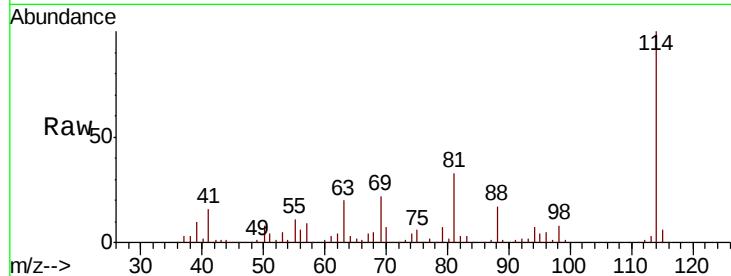
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
114	100	151416		
63	20.3		0.0	40.0
88	16.9		0.0	32.6

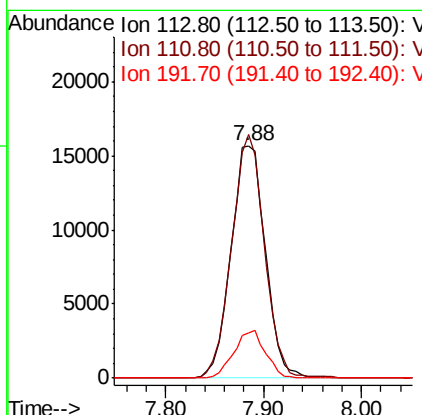
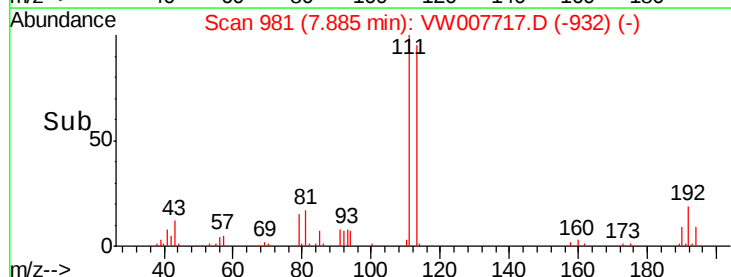
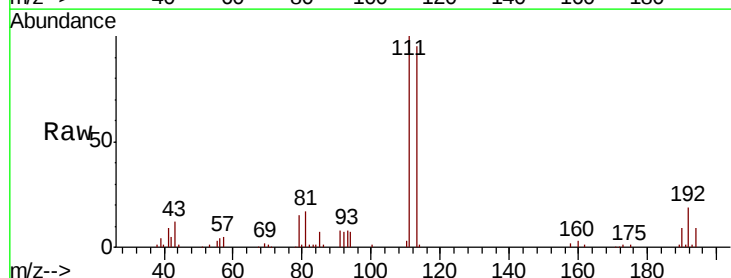
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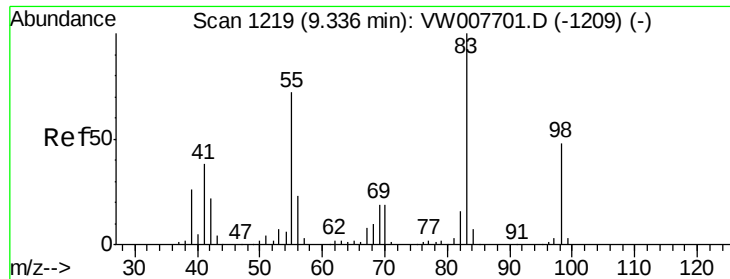
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#35
Dibromofluoromethane
Concen: 41.453 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	38291		
111	99.5		82.6	124.0
192	18.8		15.5	23.3





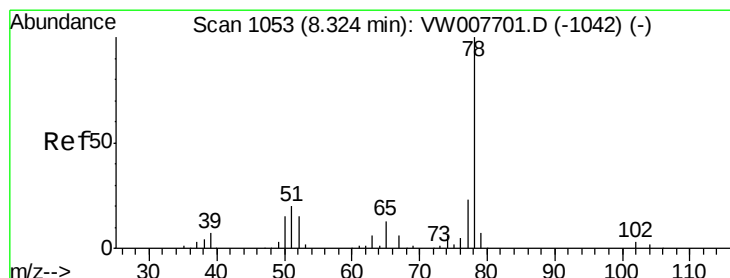
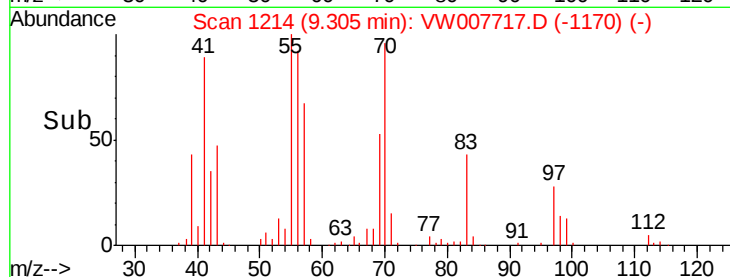
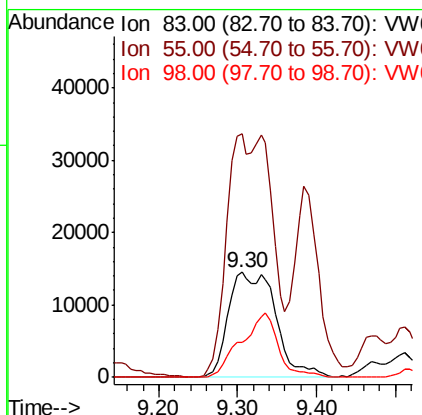
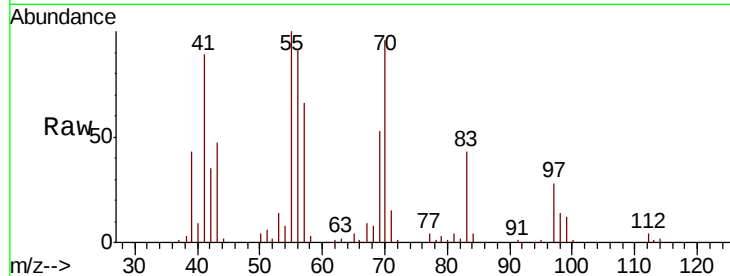
#39
Methvlcvclohexane
Concen: 33.277 ug/l m
RT: 9.30 min Scan# 1214
Delta R.T. -0.03 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

Tot Ion	Ratio	Lower	Upper
83	100		
55	231.6	57.2	85.8#
98	33.3	38.6	58.0#

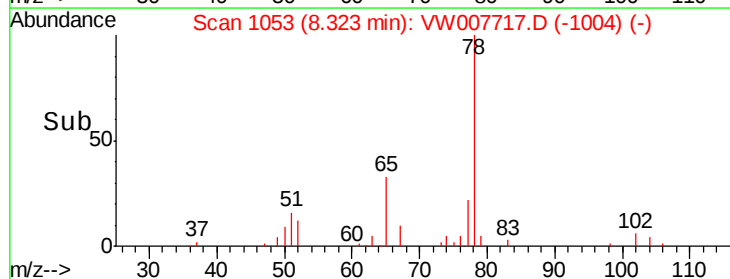
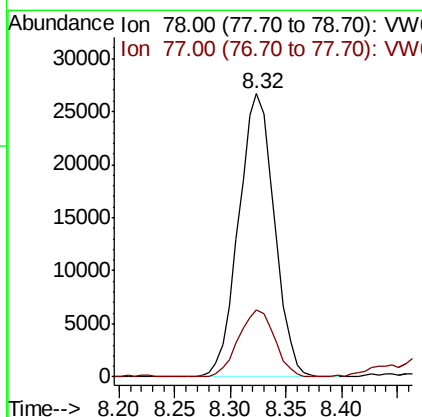
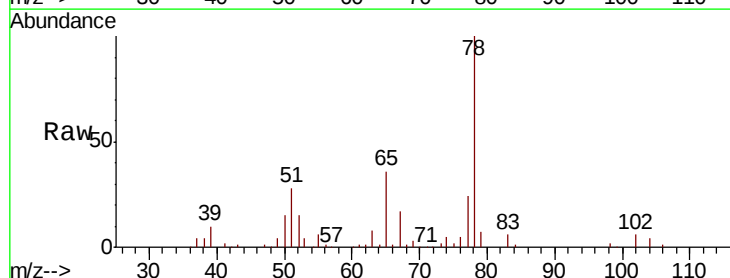
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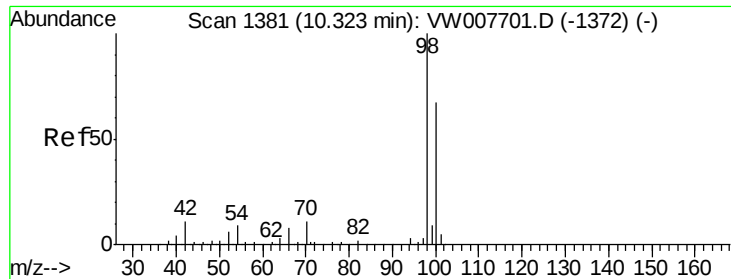
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#40
Benzene
Concen: 15.210 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





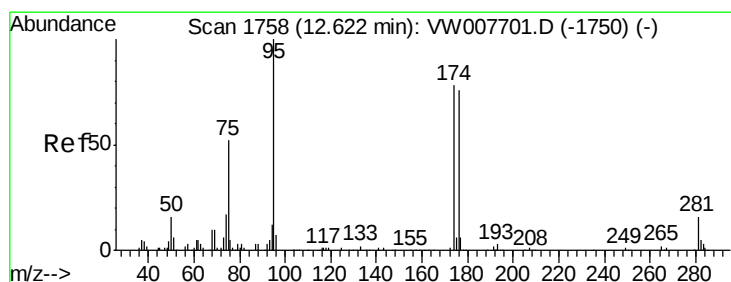
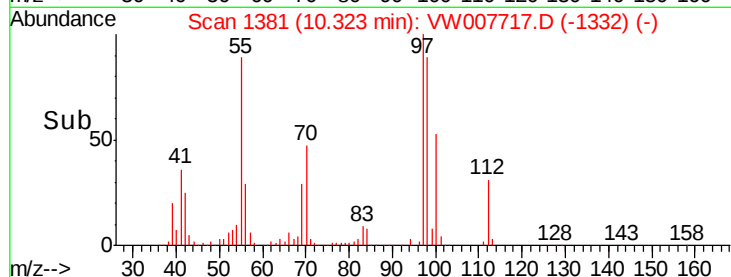
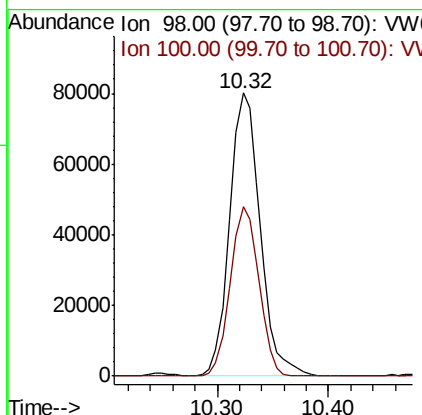
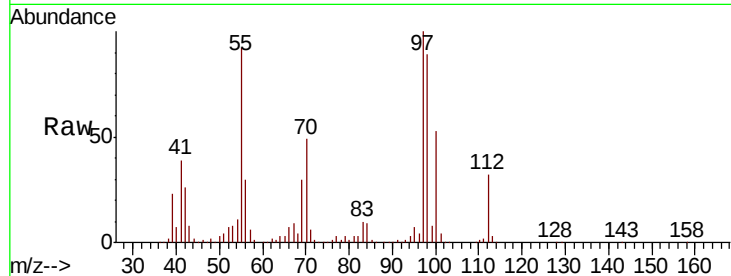
#50
Toluene-d8
Concen: 43.817 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

Tot Ion: 98 Resp: 152582
Ion Ratio Lower Upper
98 100
100 55.8 52.2 78.2

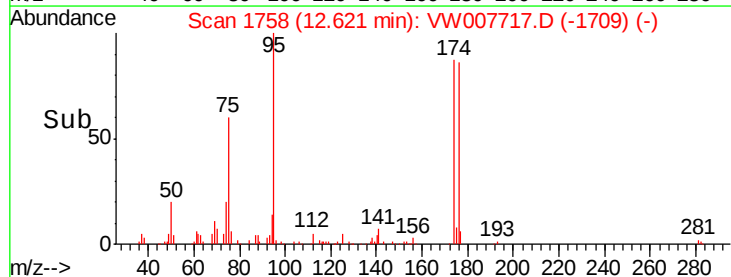
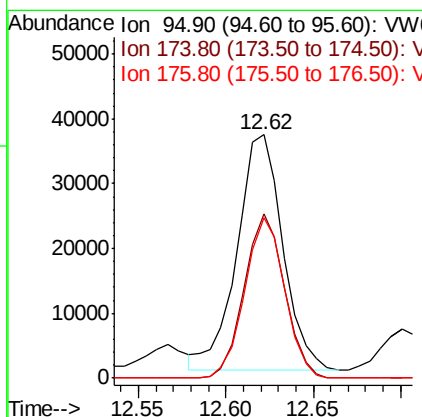
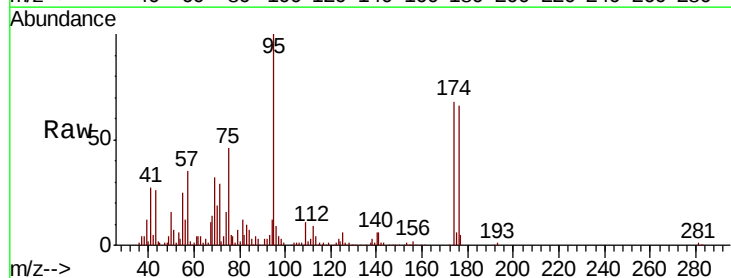
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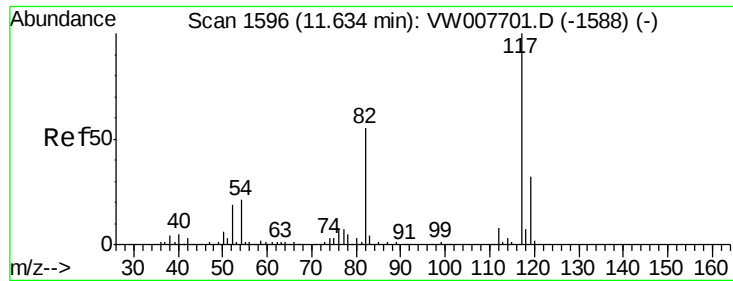
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#62
4-Bromofluorobenzene
Concen: 49.423 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Tgt Ion: 95 Resp: 66487
Ion Ratio Lower Upper
95 100
174 61.2 0.0 152.2
176 59.3 0.0 146.8





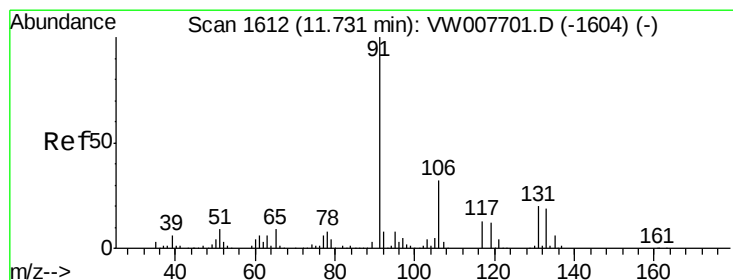
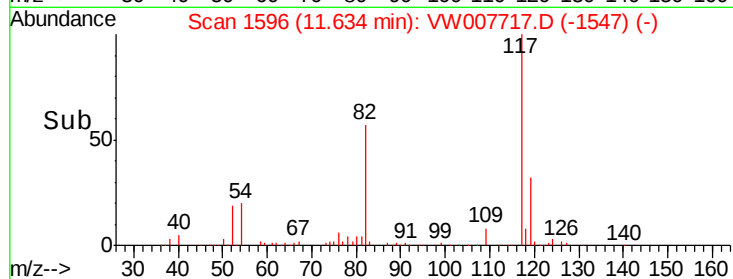
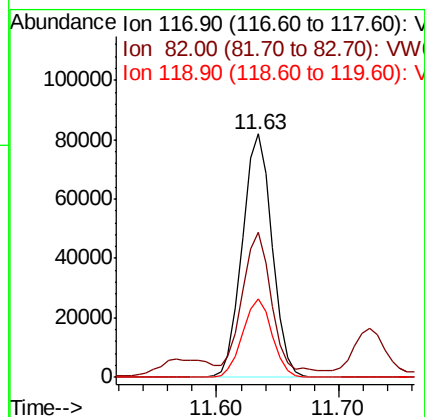
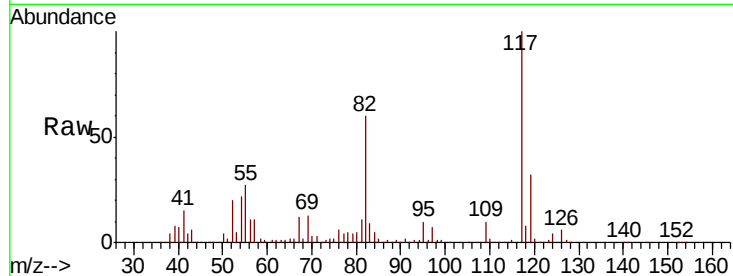
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	32.1	25.7	38.5

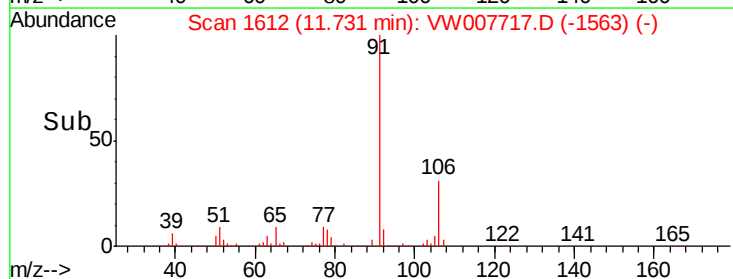
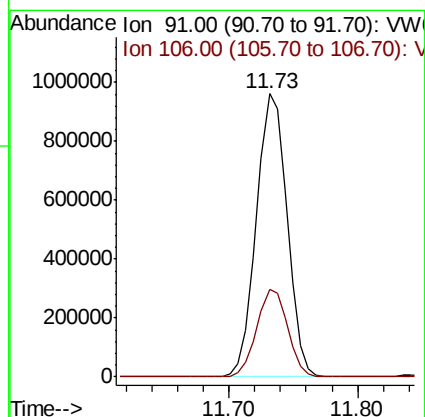
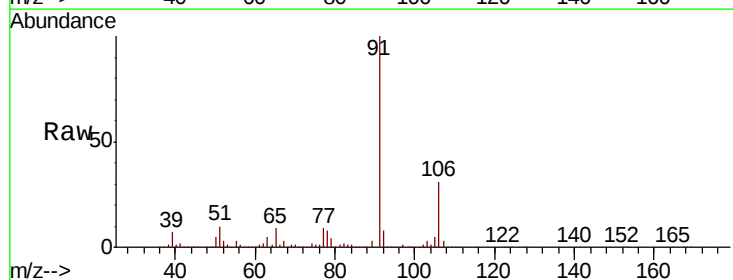
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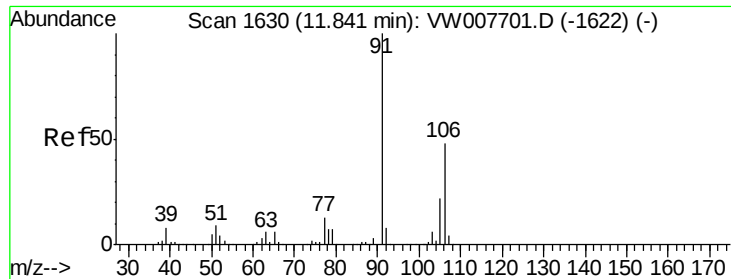
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#67
Ethyl Benzene
Concen: 307.901 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.8	38.8





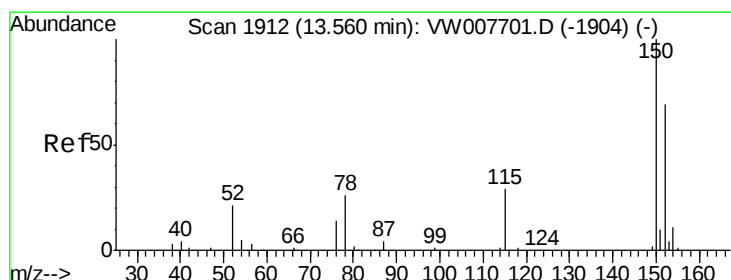
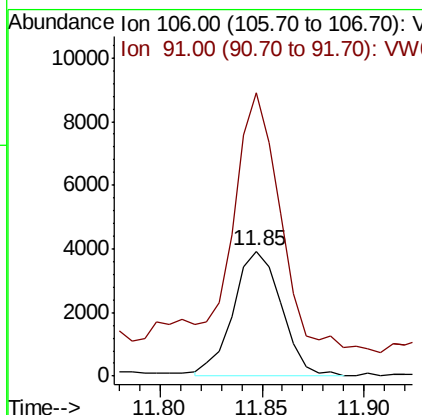
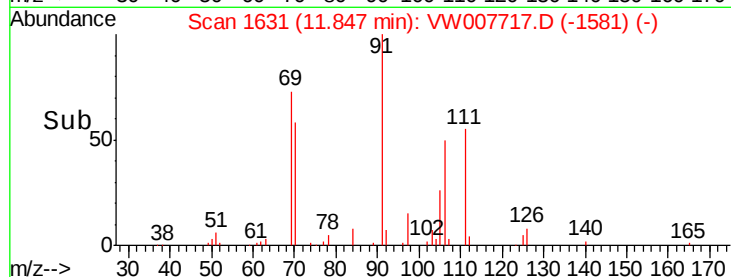
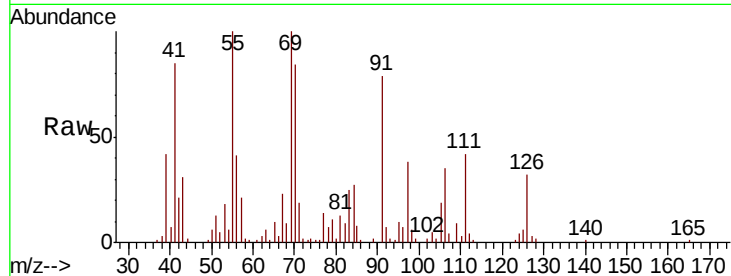
#68
m/p-Xvlenes
Concen: 3.252 ug/l m
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(25-27)

Tot Ion:106 Resp: 6477
Ion Ratio Lower Upper
106 100
91 24408.6 165.2 247.

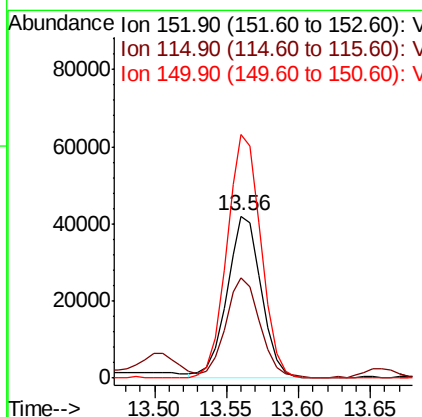
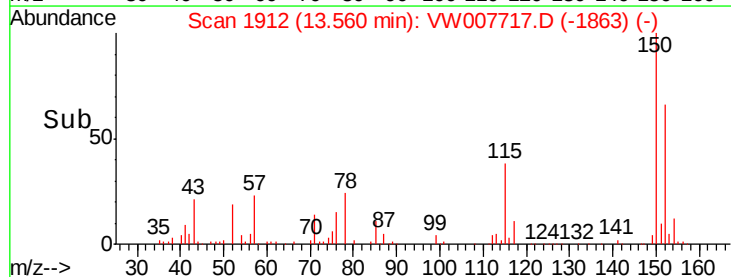
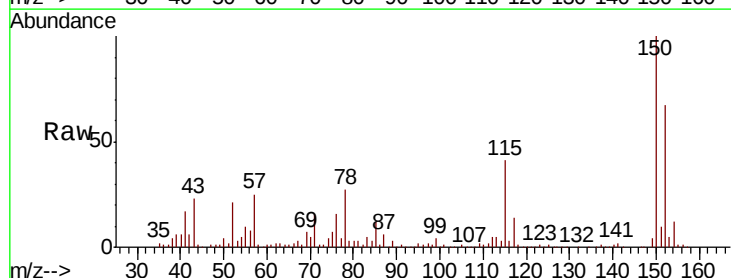
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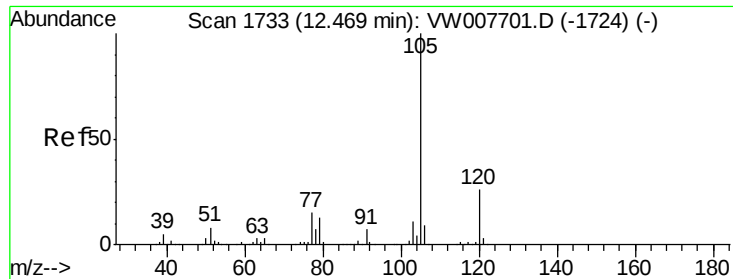
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007717.D
Acq: 19 Dec 2018 23:03

Tgt Ion:152 Resp: 69206
Ion Ratio Lower Upper
152 100
115 62.0 31.8 95.4
150 149.1 0.0 350.8





#73

Isopropylbenzene

Concen: 103.925 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007717.D

Acq: 19 Dec 2018 23:03

Instrument :

MSVOA_W

ClientSampleId :

KY001SB103-121118-(25-27)

Tot Ion:105 Resp: 543653

Ion Ratio Lower Upper

105 100

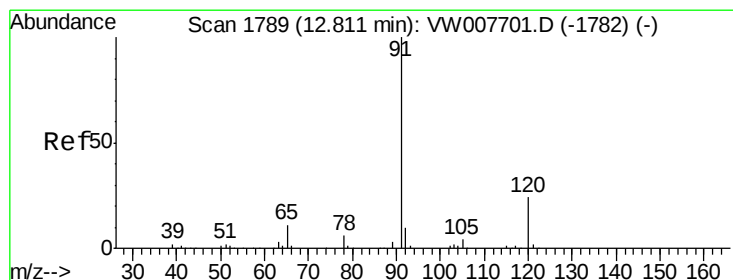
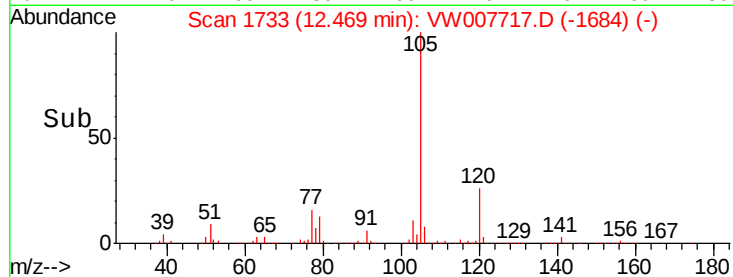
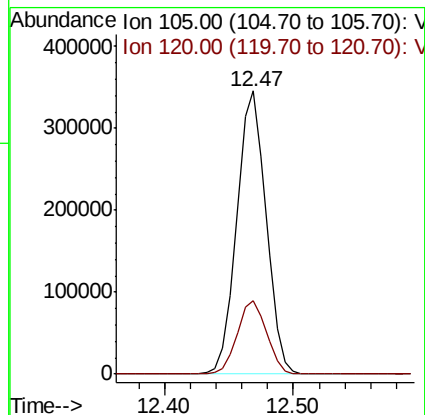
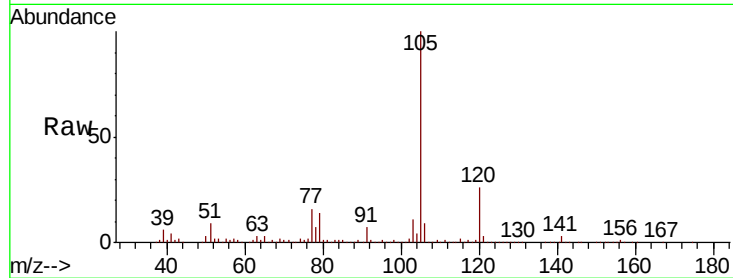
120 26.0 13.1 39.3

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#78

n-propylbenzene

Concen: 229.717 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007717.D

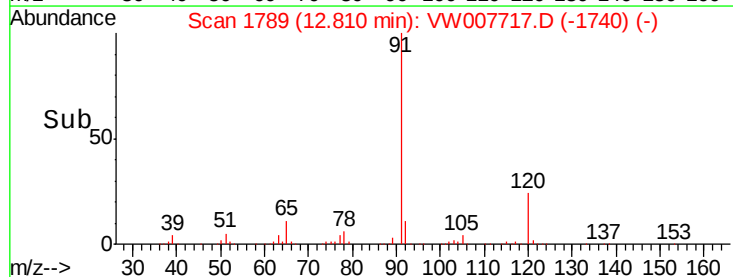
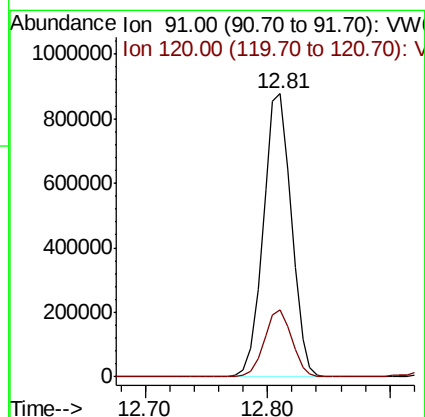
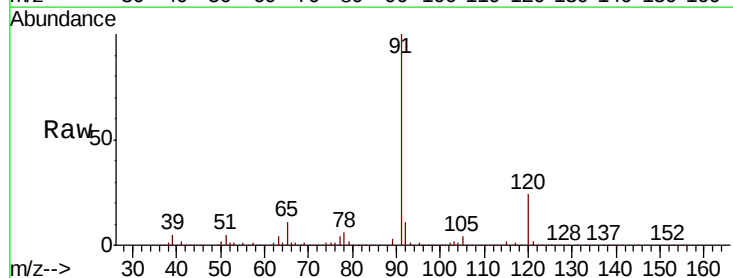
Acq: 19 Dec 2018 23:03

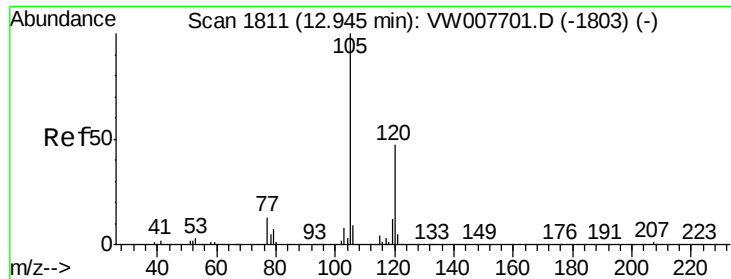
Tgt Ion: 91 Resp: 1398854

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7





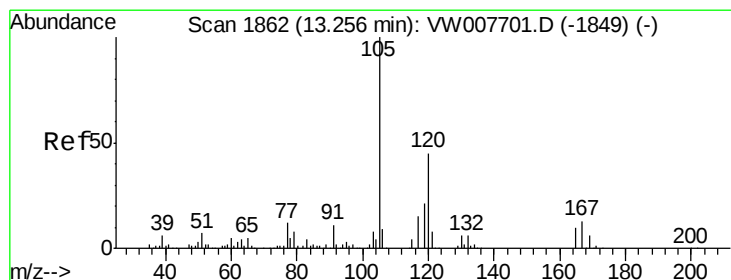
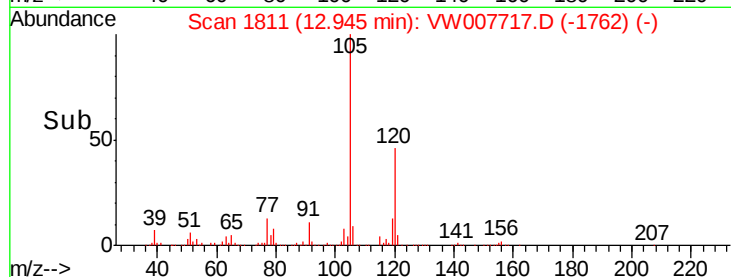
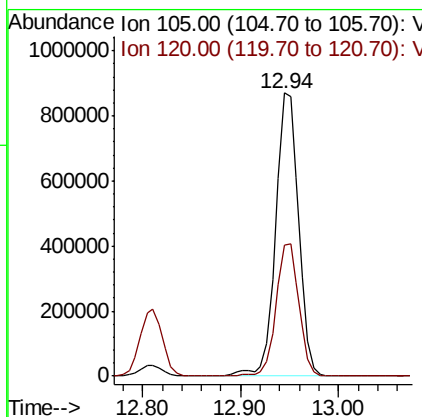
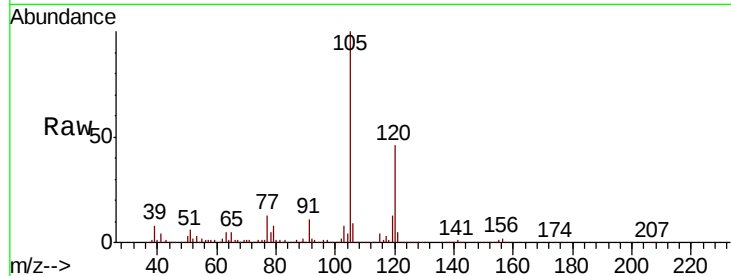
#80
 1,3,5-Trimethylbenzene
 Concen: 314.678 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007717.D
 Acq: 19 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB103-121118-(25-27)

Tot Ion:105 Resp: 1419919
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.6 70.8

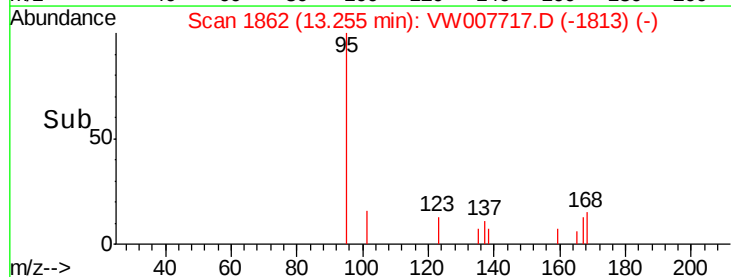
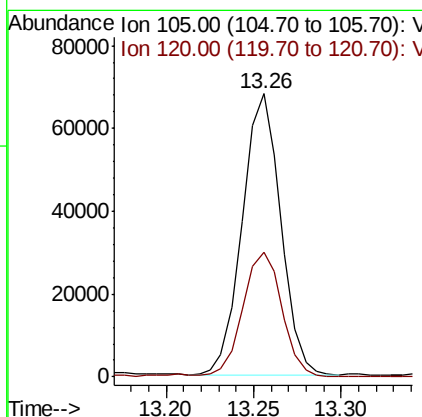
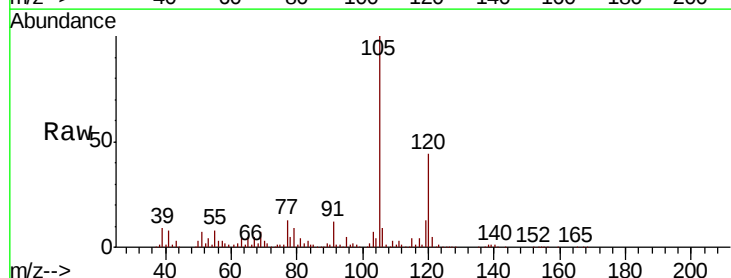
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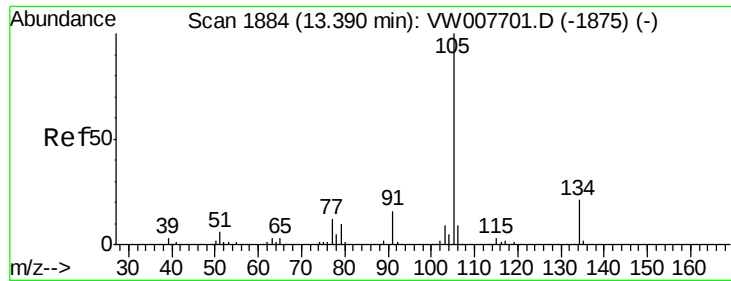
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.824 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007717.D
 Acq: 19 Dec 2018 23:03

Tgt Ion:105 Resp: 103920
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0





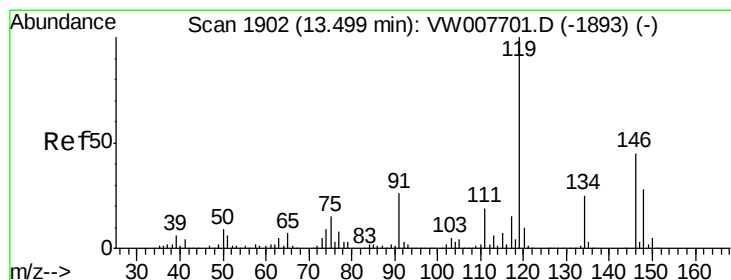
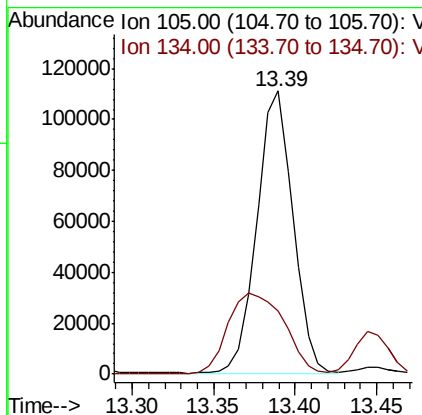
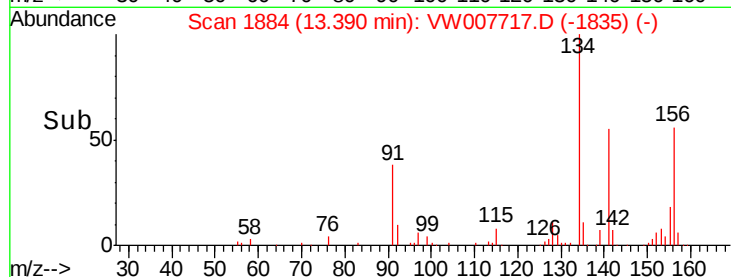
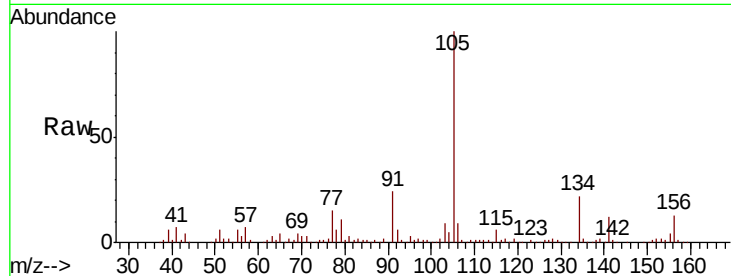
#85
 sec-Butylbenzene
 Concen: 31.051 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007717.D
 Acq: 19 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB103-121118-(25-27)

Tot Ion:105 Resp: 169431
 Ion Ratio Lower Upper
 105 100
 134 45.2 10.2 30.4#

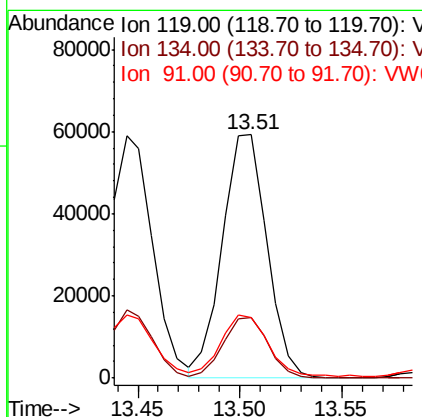
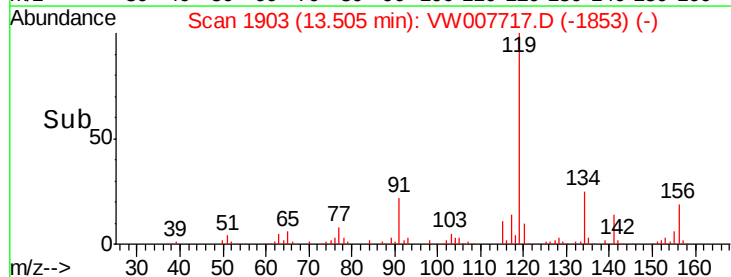
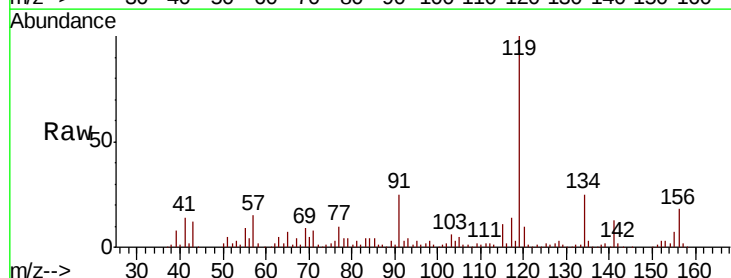
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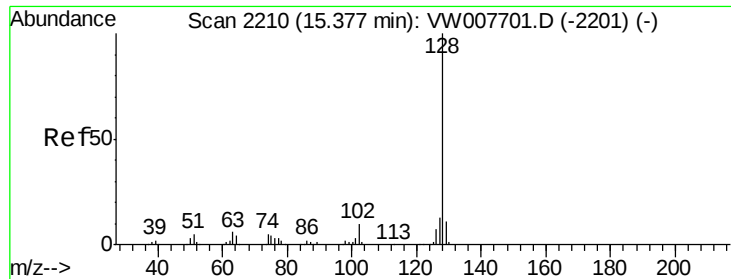
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#86
 p-Isopropyltoluene
 Concen: 18.045 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007717.D
 Acq: 19 Dec 2018 23:03

Tgt Ion:119 Resp: 89531
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 25.9 12.8 38.4





#95
 Naphthalene
 Concen: 24.853 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007717.D
 Acq: 19 Dec 2018 23:03

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB103-121118-(25-27)

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.7	16.1
129	9.2	8.8	13.2

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