

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007593.D
 Acq On : 15 Dec 2018 20:02
 Operator : SY/AP
 Sample : J6378-07
 Misc : 2.70G/5ML/MSVOA_W/SOIL
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

Manual Integrations
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Quant Time: Dec 15 22:05:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	45470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	23314	79.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	158.16%	
35) Dibromofluoromethane	7.88	113	18217	66.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.36%	
50) Toluene-d8	10.32	98	48009	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.62	95	12050	31.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.52%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	4108	79.776	ug/l	99
31) Cyclohexane	7.95	56	76529	167.102	ug/l	97
39) Methylcyclohexane	9.34	83	125164	249.196	ug/l	90
40) Benzene	8.32	78	11103	9.645	ug/l	98
52) Toluene	10.39	92	1816	2.438	ug/l	99
65) Chlorobenzene	11.66	112	200881	335.634	ug/l	94
68) m/p-Xylenes	11.83	106	1525175	3812.617	ug/l	96
69) o-Xylene	12.17	106	909	2.433	ug/l	83
73) Isopropylbenzene	12.47	105	21734	35.174	ug/l	100
78) n-propylbenzene	12.80	91	35899	51.625	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	64277	123.804	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	211882	396.584	ug/l	99
85) sec-Butylbenzene	13.38	105	5015m	8.030	ug/l	
86) p-Isopropyltoluene	13.50	119	9122	16.259	ug/l	96
87) 1,3-Dichlorobenzene	13.50	146	38142	139.675	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	332397	1210.776	ug/l	97
89) n-Butylbenzene	13.83	91	5228	10.052	ug/l #	71
95) Naphthalene	15.37	128	16770	52.080	ug/l	98

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

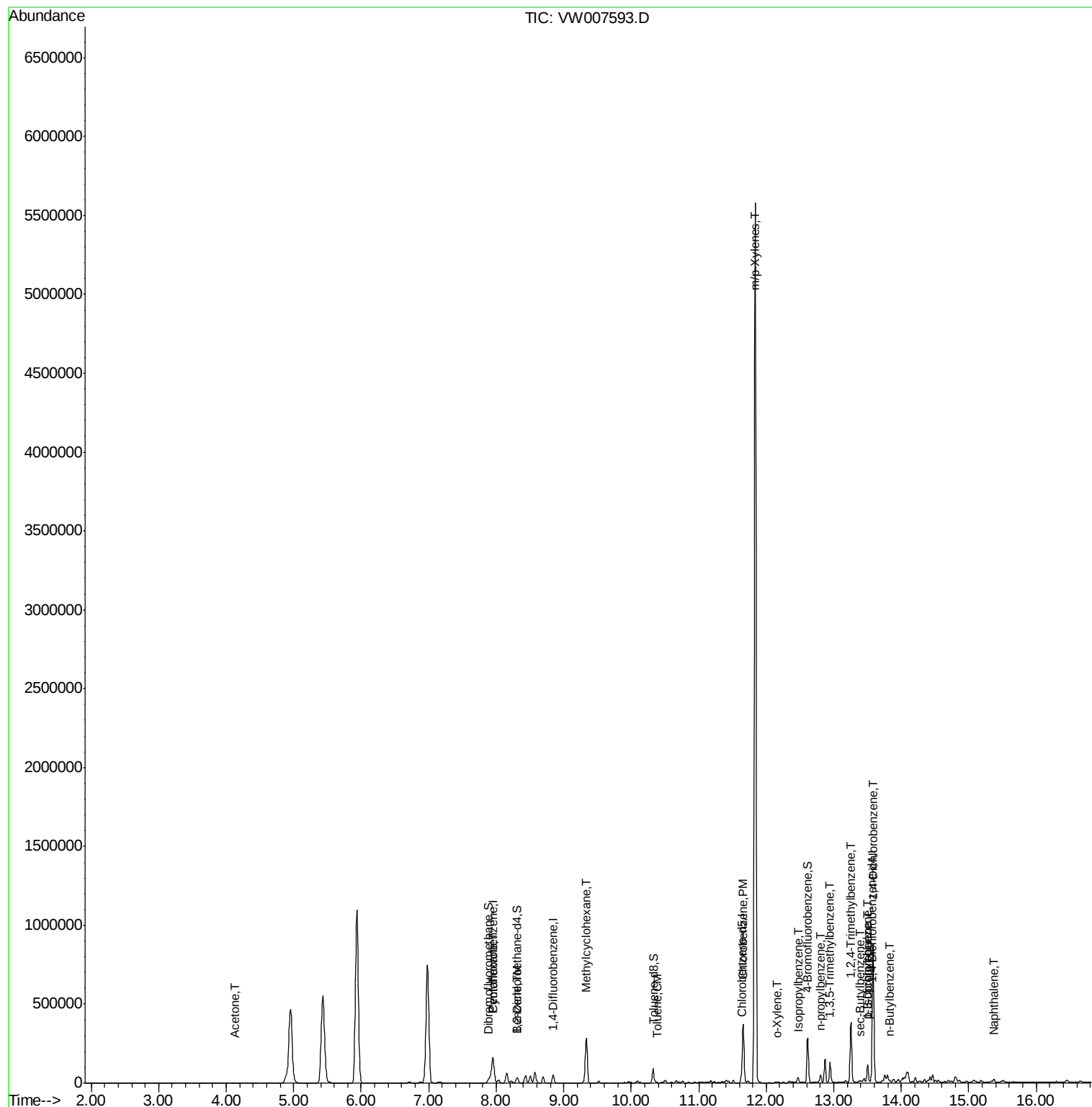
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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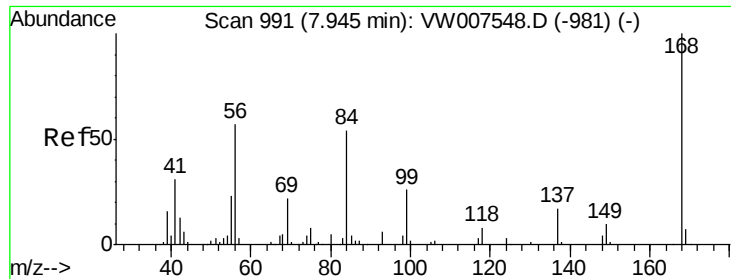
Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

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Quant Time: Dec 15 22:05:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

Tgt Ion:168 Resp: 26573

Ion Ratio Lower Upper

168 100

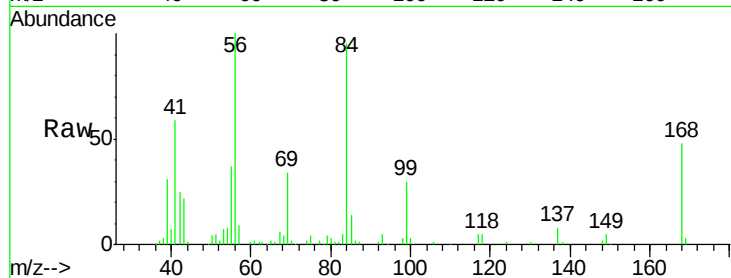
99 61.5 48.3 72.5

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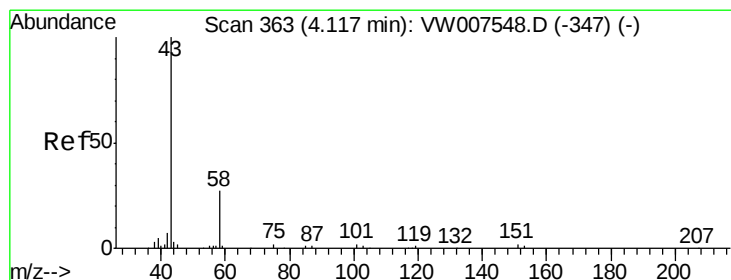
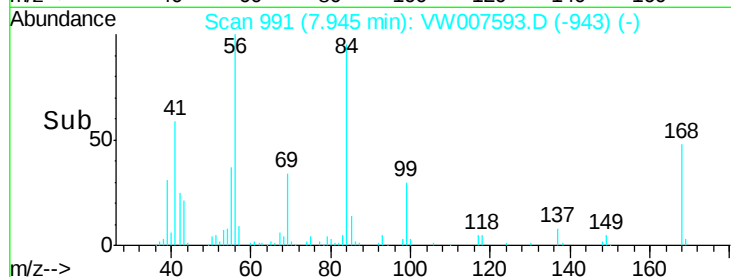
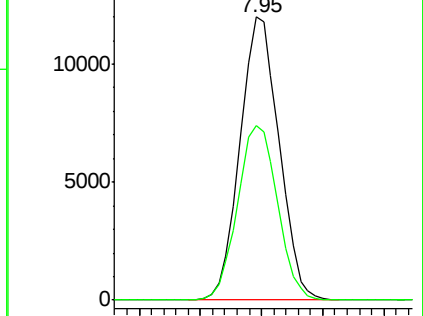
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 79.776 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007593.D

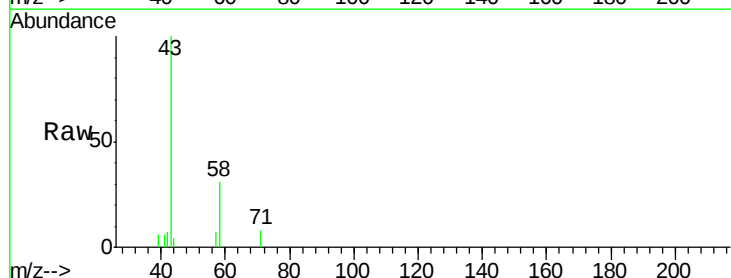
Acq: 15 Dec 2018 20:02

Tgt Ion: 43 Resp: 4108

Ion Ratio Lower Upper

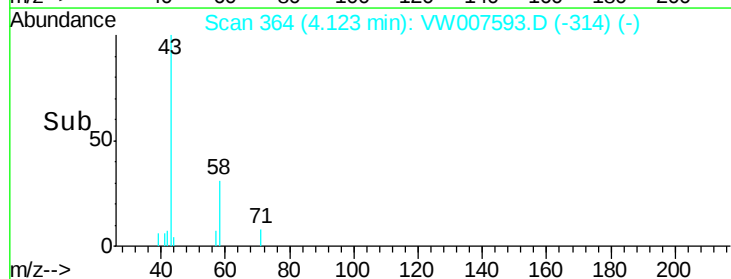
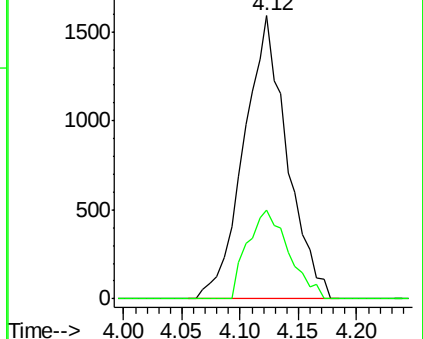
43 100

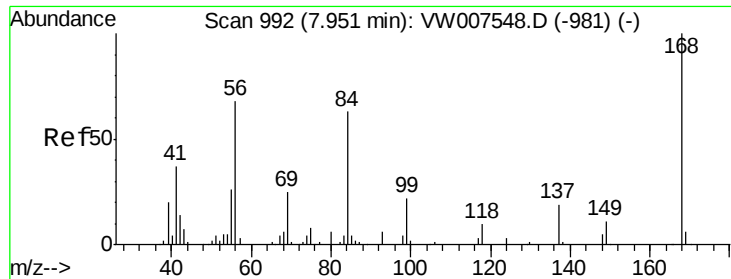
58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





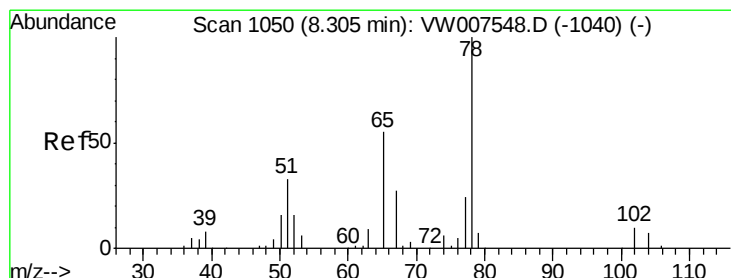
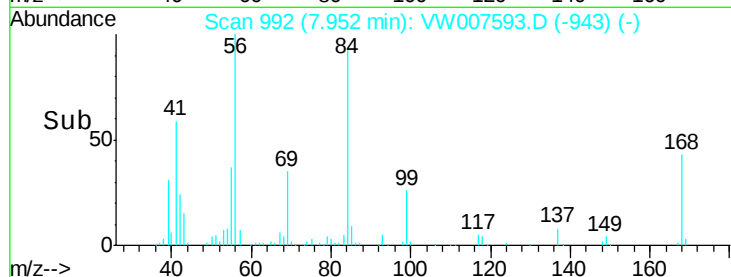
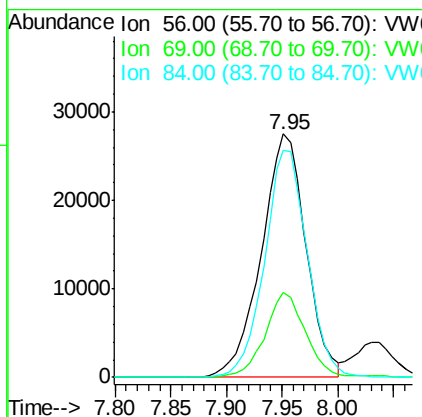
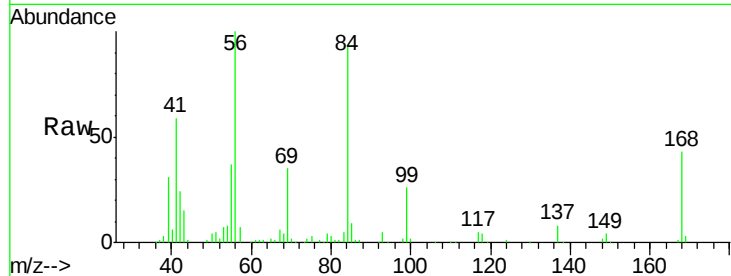
#31
Cyclohexane
Concen: 167.102 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

Tgt Ion: 56 Resp: 76529
Ion Ratio Lower Upper
56 100
69 34.8 28.9 43.3
84 93.5 71.8 107.6

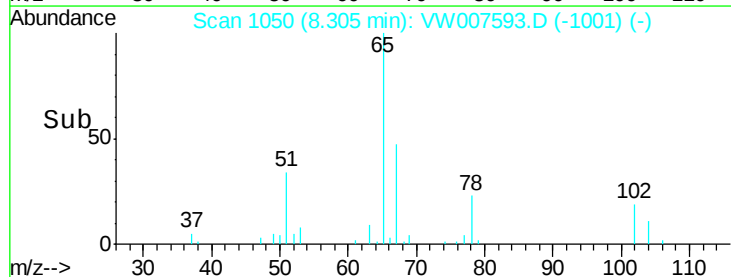
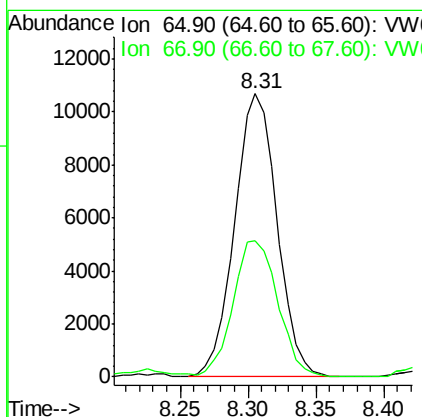
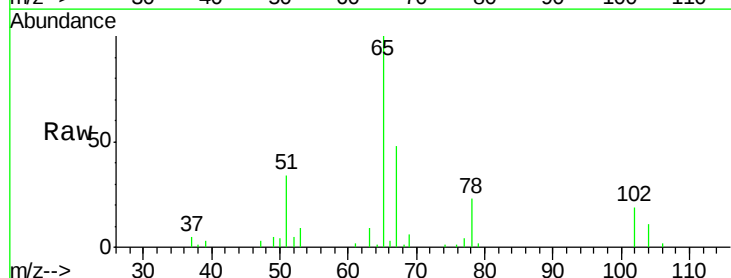
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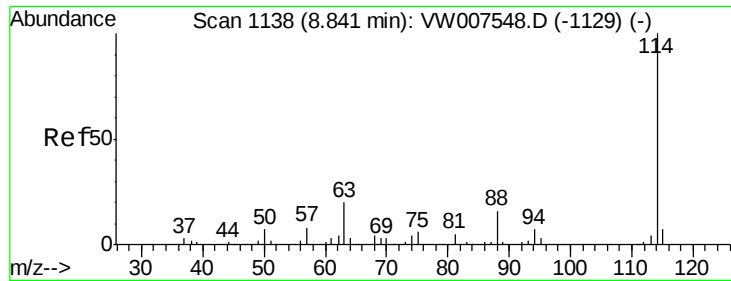
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#33
1,2-Dichloroethane-d4
Concen: 79.082 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion: 65 Resp: 23314
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6





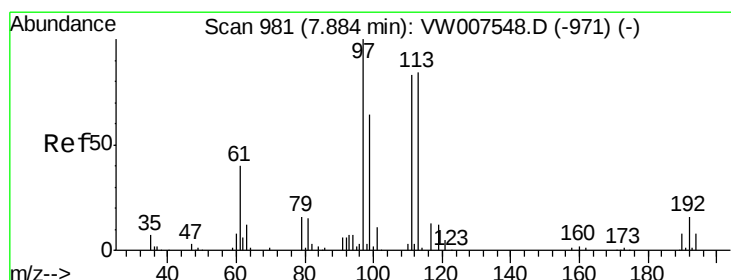
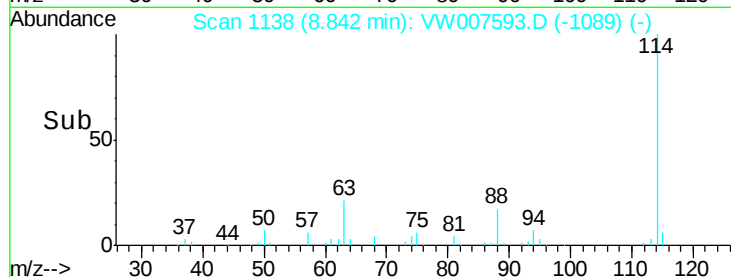
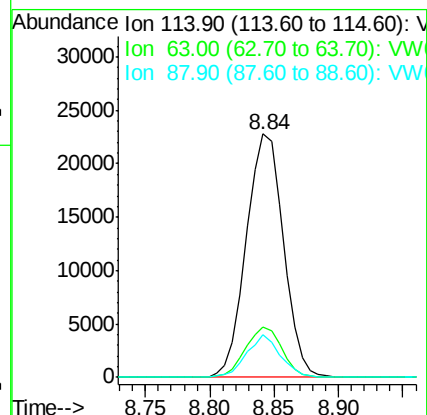
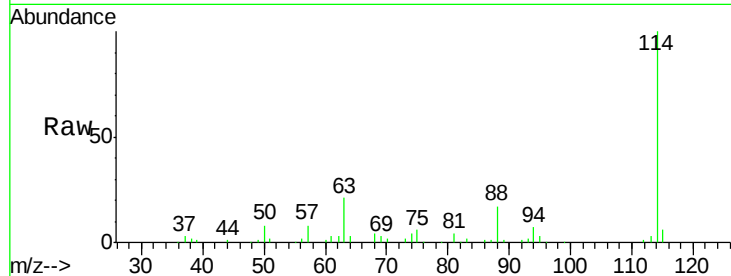
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.6
88	17.3	0.0	31.4

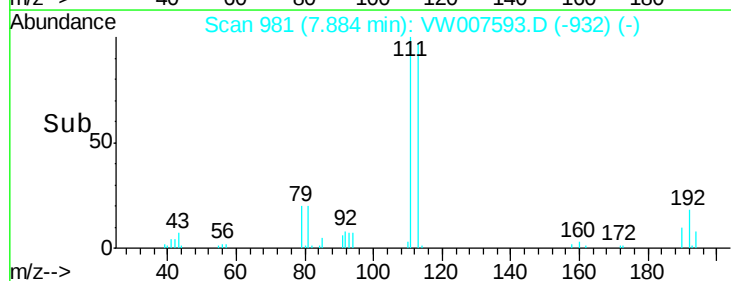
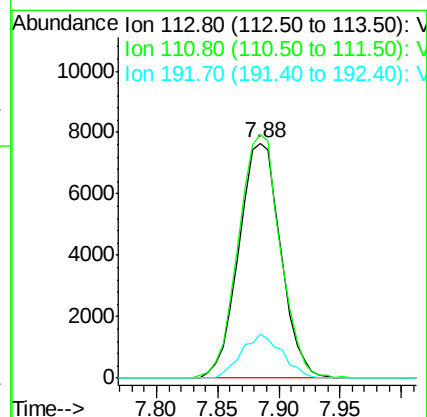
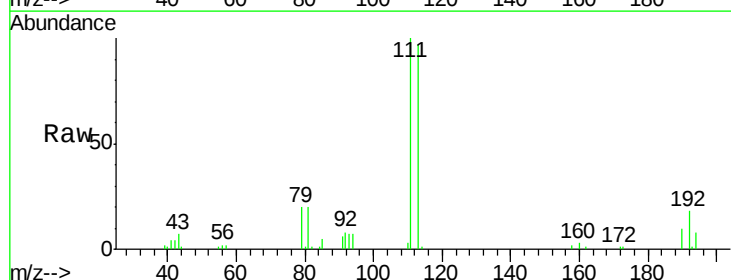
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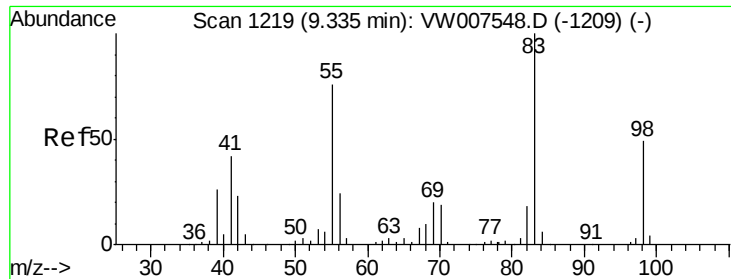
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#35
 Dibromofluoromethane
 Concen: 66.184 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007593.D
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Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.1	121.7
192	18.1	14.6	21.8





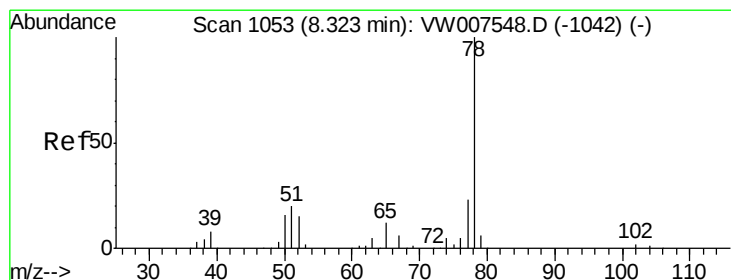
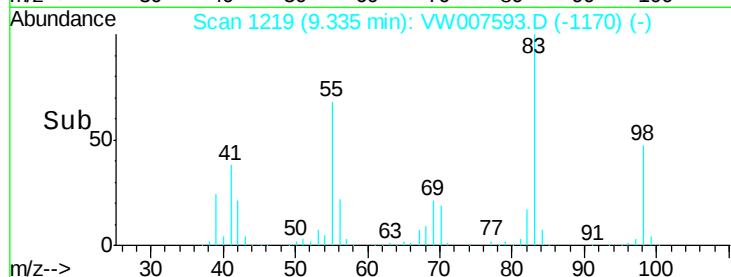
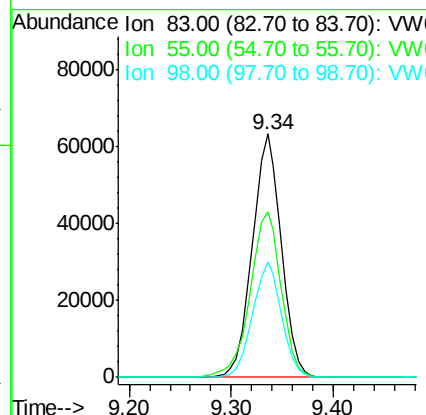
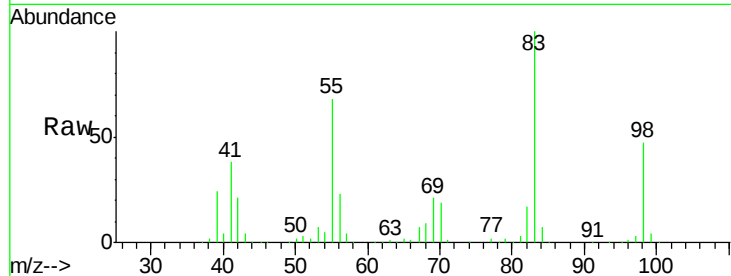
#39
Methylcyclohexane
Concen: 249.196 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.0	62.8	94.2
98	47.4	42.2	63.2

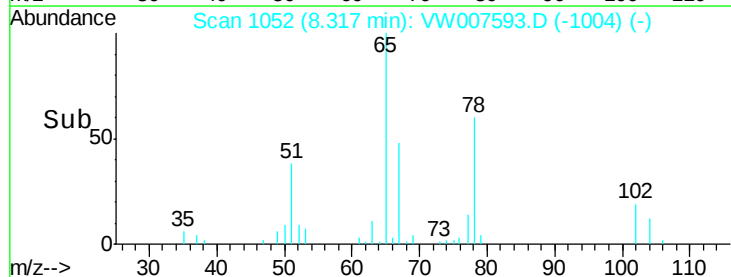
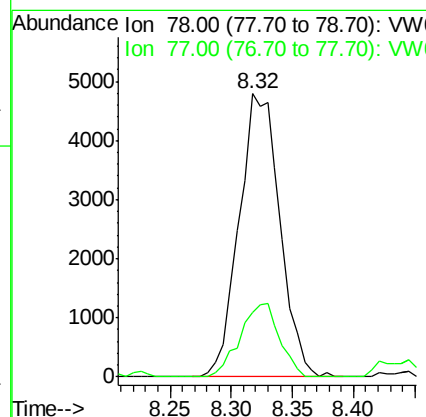
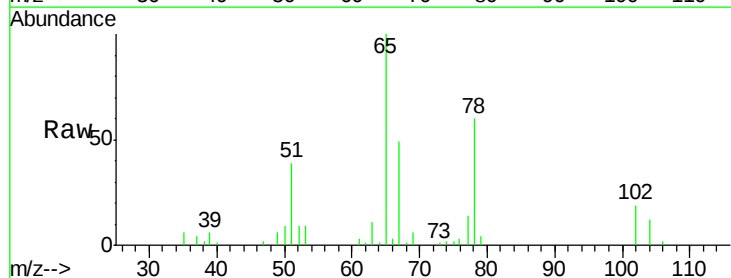
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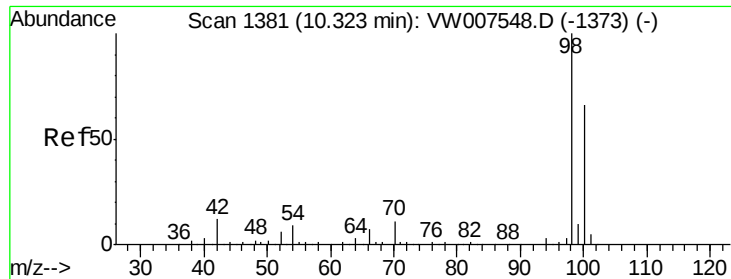
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#40
Benzene
Concen: 9.645 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2





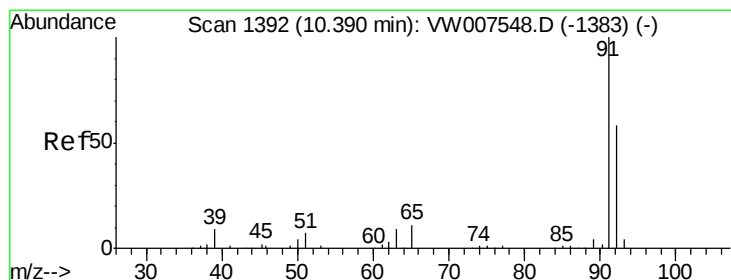
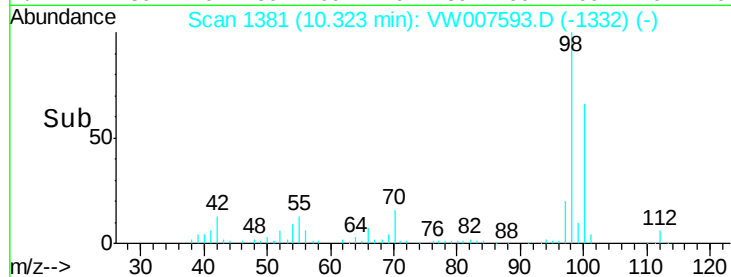
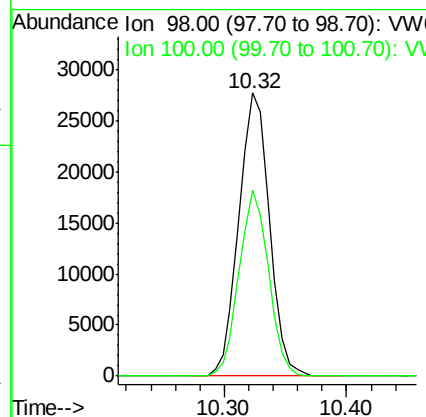
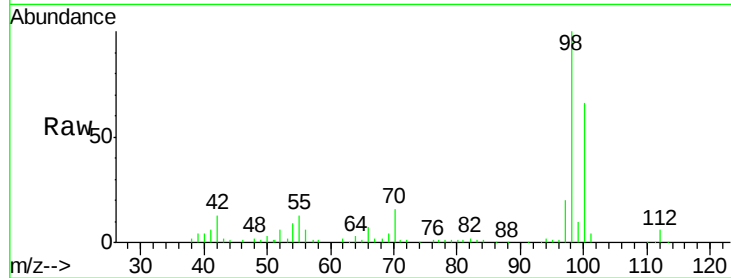
#50
Toluene-d8
Concen: 46.519 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

Tgt Ion: 98 Resp: 48009
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8

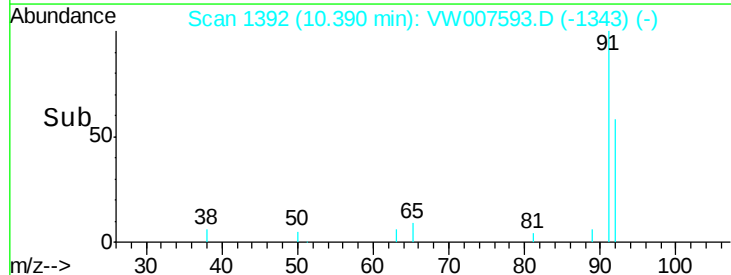
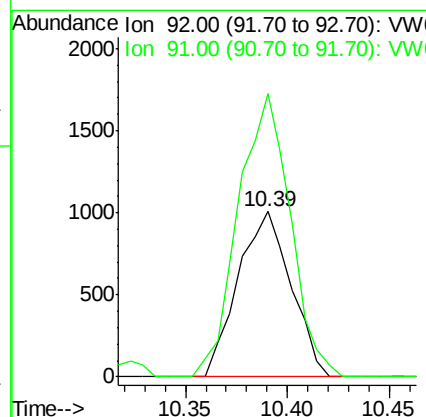
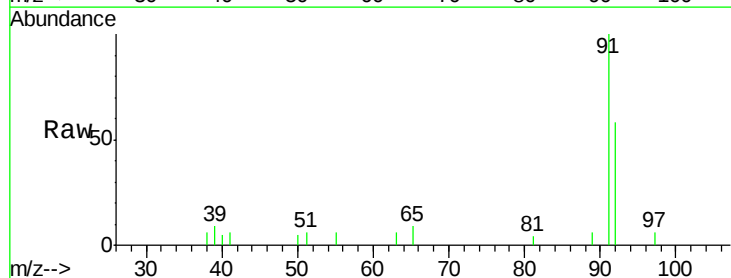
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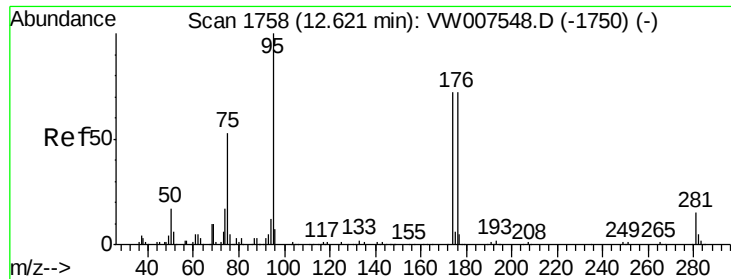
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#52
Toluene
Concen: 2.438 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion: 92 Resp: 1816
Ion Ratio Lower Upper
92 100
91 168.3 136.2 204.2





#62

4-Bromofluorobenzene

Concen: 31.757 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

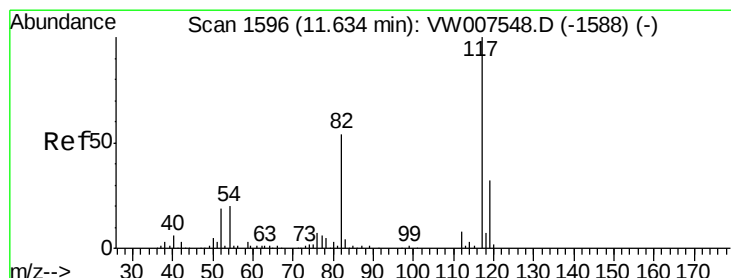
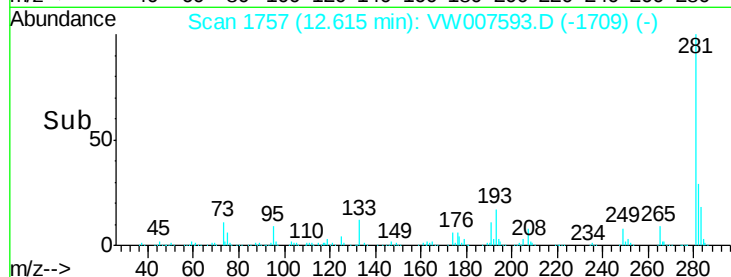
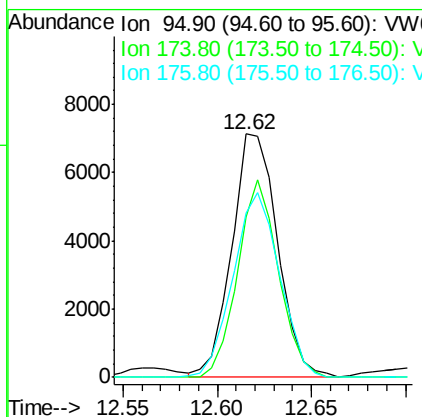
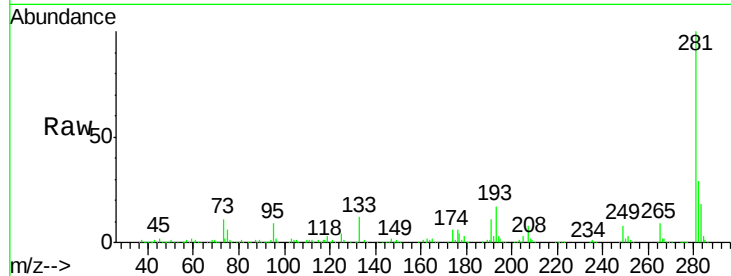
ClientSampleId :

P001-SD010-0612-01

Tgt Ion:	95	Resp:	12050
Ion Ratio	Lower	Upper	
95	100		
174	71.7	0.0	147.2
176	77.1	0.0	138.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

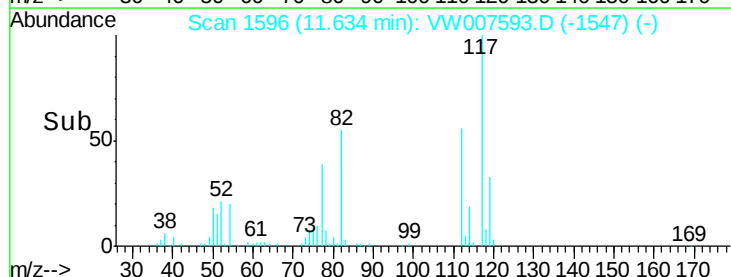
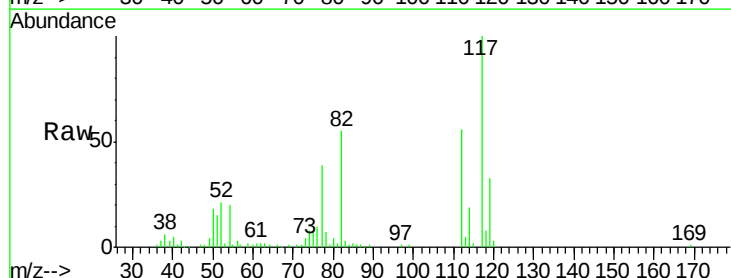
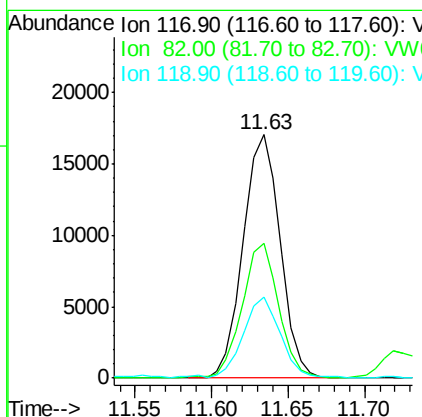
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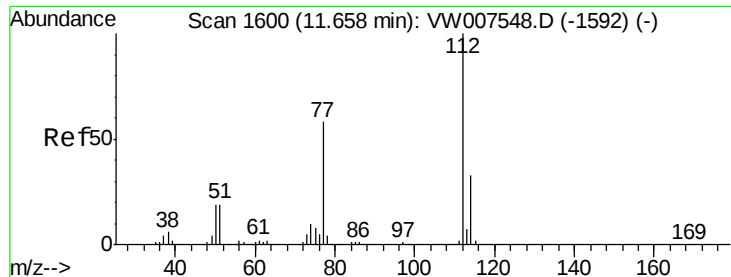
Delta R.T. 0.00 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Tgt Ion:	117	Resp:	28715
Ion Ratio	Lower	Upper	
117	100		
82	55.2	42.3	63.5
119	32.6	23.0	34.6





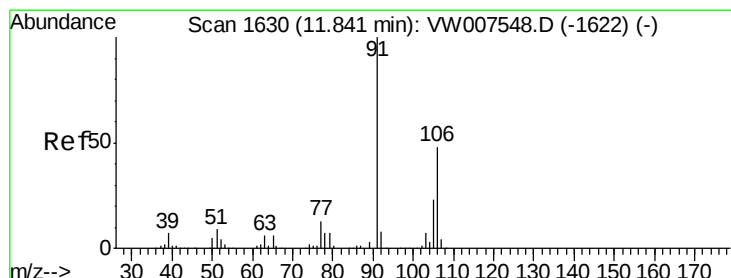
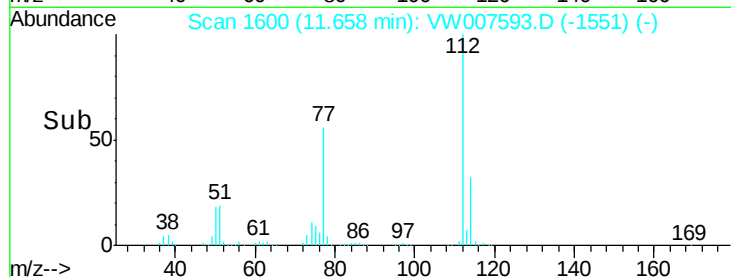
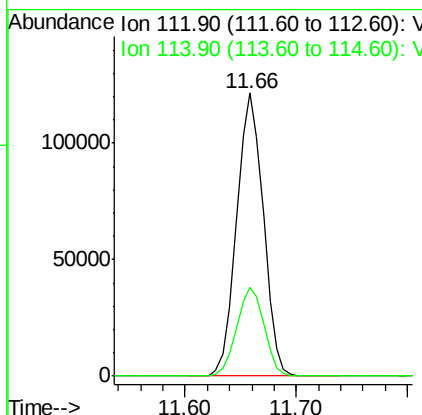
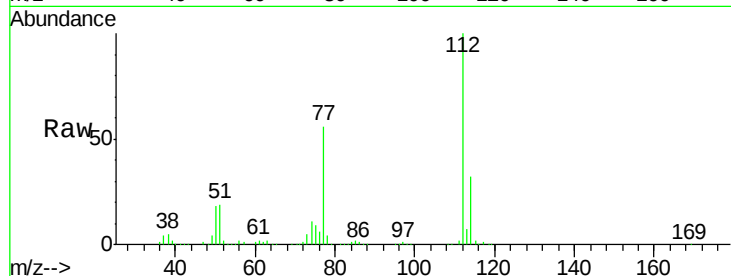
#65
Chlorobenzene
Concen: 335.634 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	200881		
114	31.6	27.8	41.8	

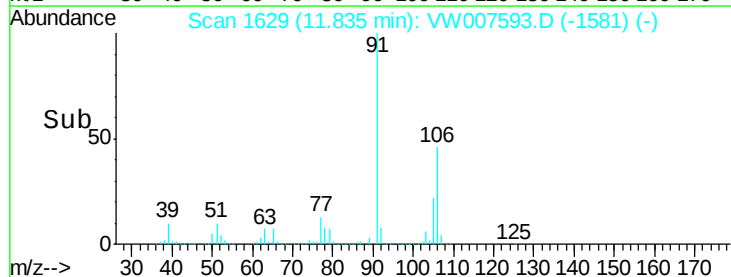
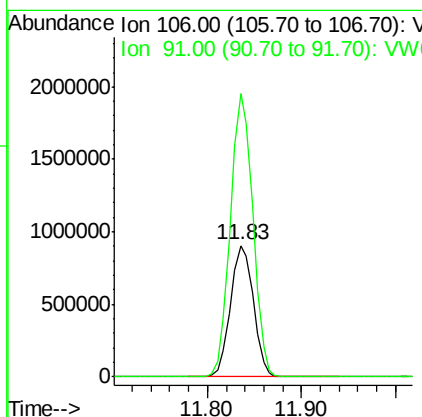
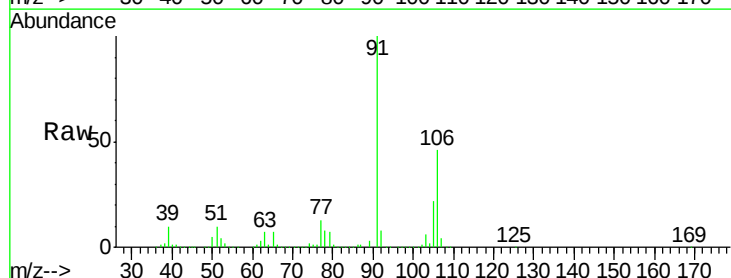
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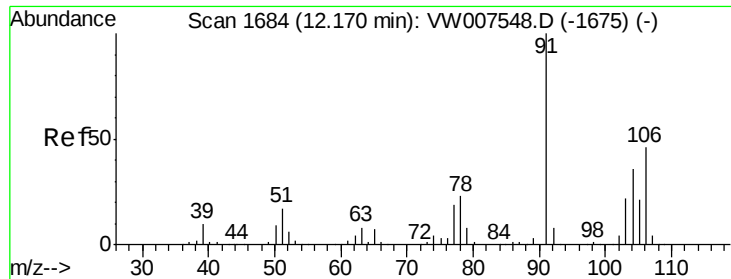
apatel
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#68
m/p-Xylenes
Concen: 3812.617 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	1525175		
91	212.0	165.3	247.9	





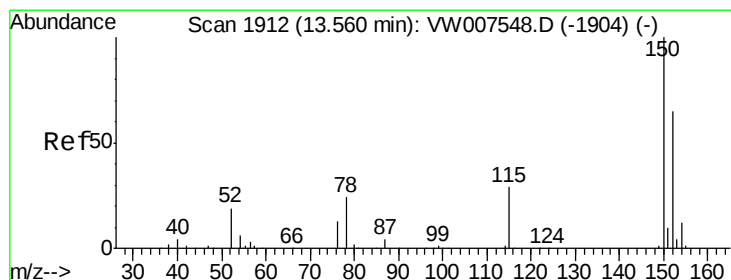
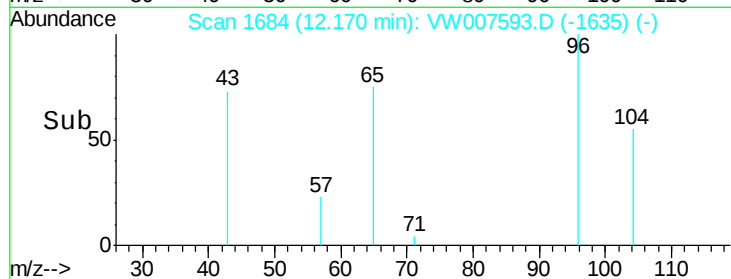
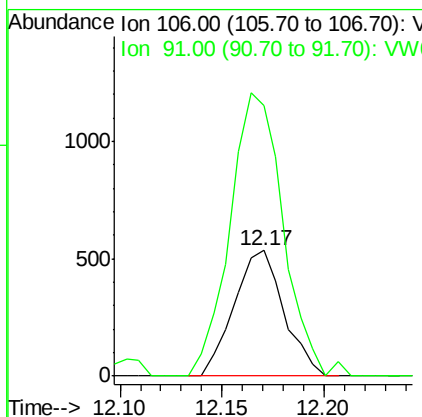
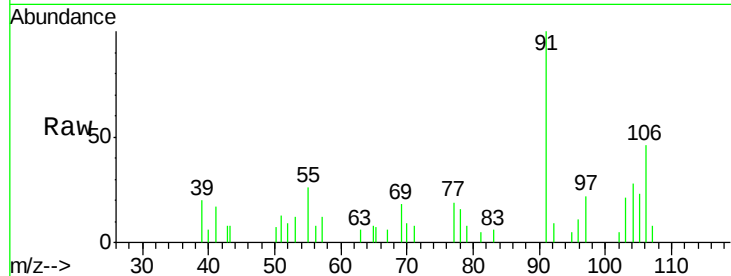
#69
o-Xylene
Concen: 2.433 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

Tgt Ion:106 Resp: 909
Ion Ratio Lower Upper
106 100
91 240.5 106.6 319.8

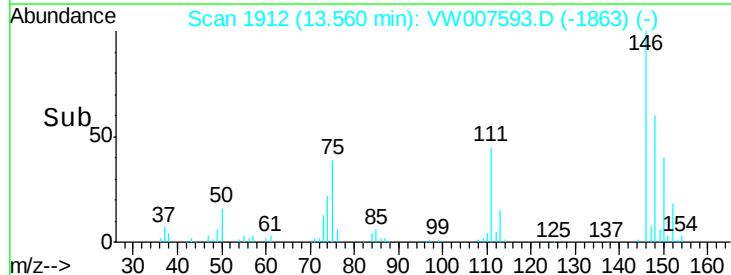
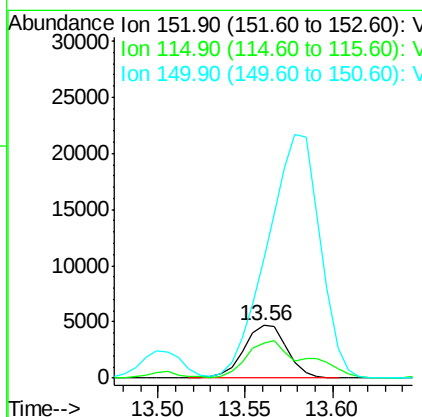
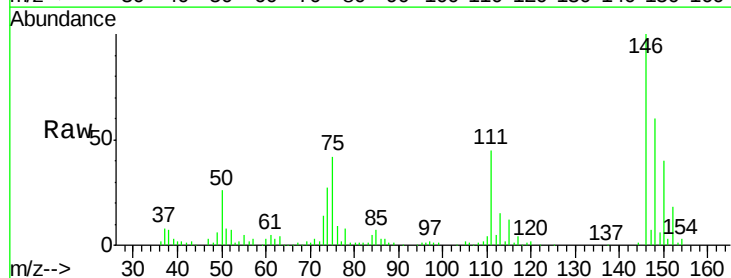
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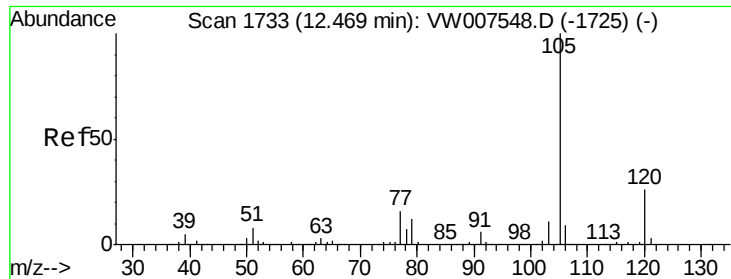
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion:152 Resp: 8064
Ion Ratio Lower Upper
152 100
115 97.0 31.4 94.2#
150 568.3 0.0 358.4#





#73

Isopropylbenzene

Concen: 35.174 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007593.D

Acq: 15 Dec 2018 20:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SD010-0612-01

Tgt Ion: 105 Resp: 21734

Ion Ratio Lower Upper

105 100

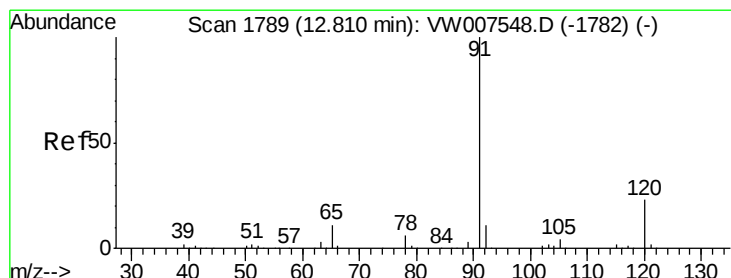
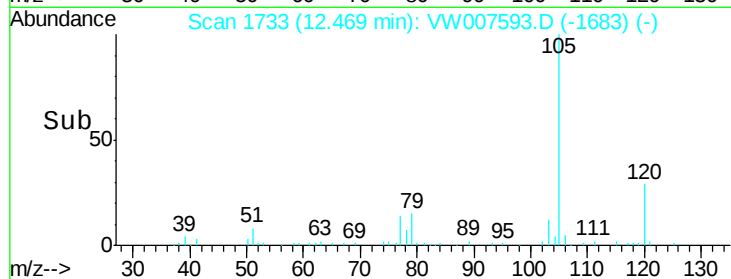
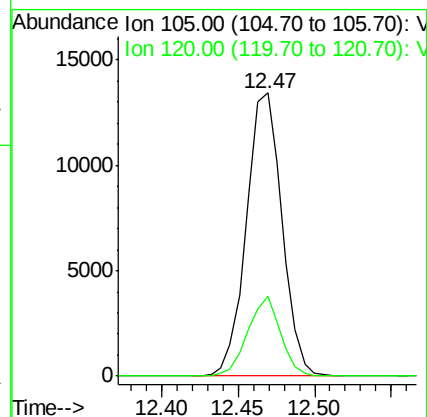
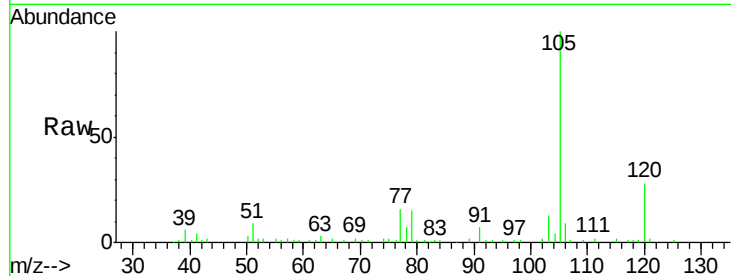
120 25.6 12.8 38.4

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#78

n-propylbenzene

Concen: 51.625 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW007593.D

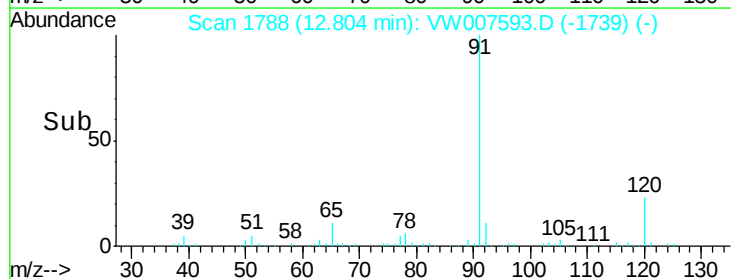
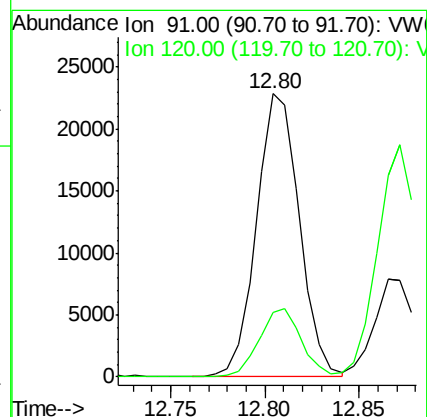
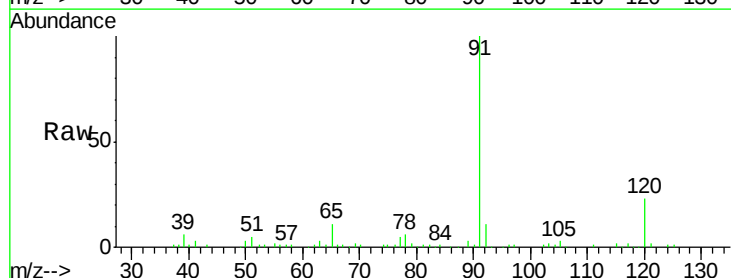
Acq: 15 Dec 2018 20:02

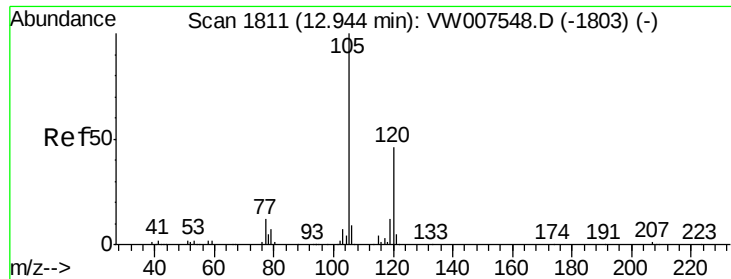
Tgt Ion: 91 Resp: 35899

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5





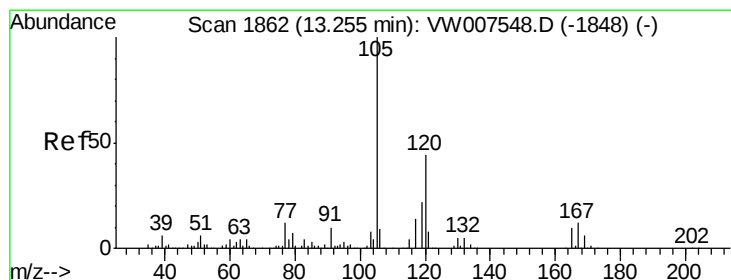
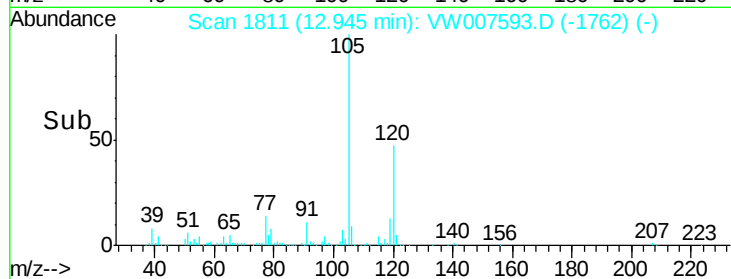
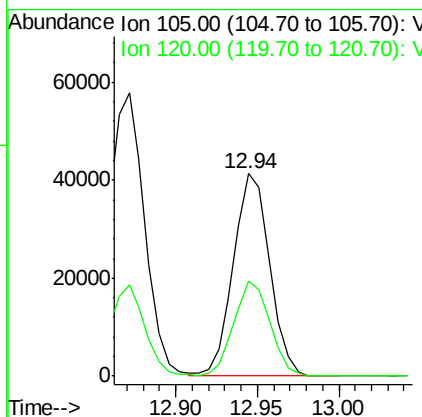
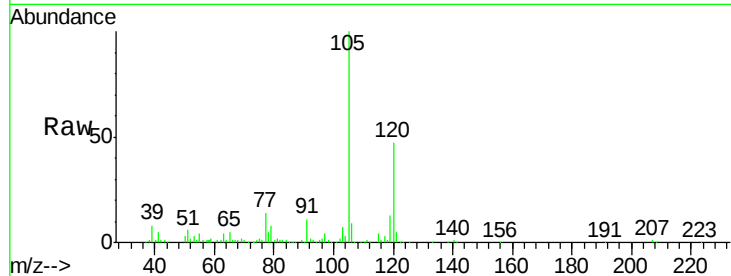
#80
 1,3,5-Trimethylbenzene
 Concen: 123.804 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

Tgt Ion:105 Resp: 64277
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.8 71.4

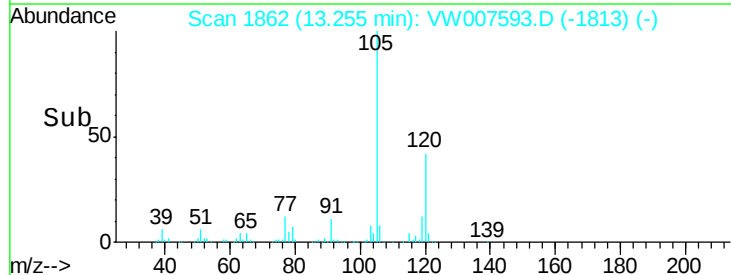
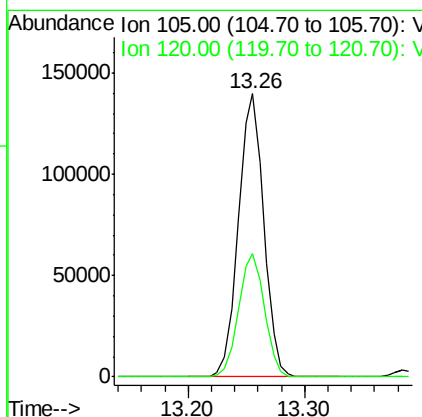
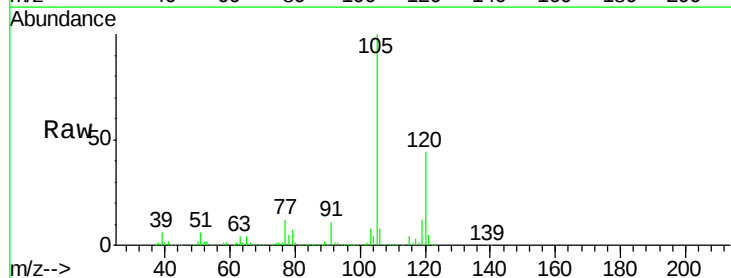
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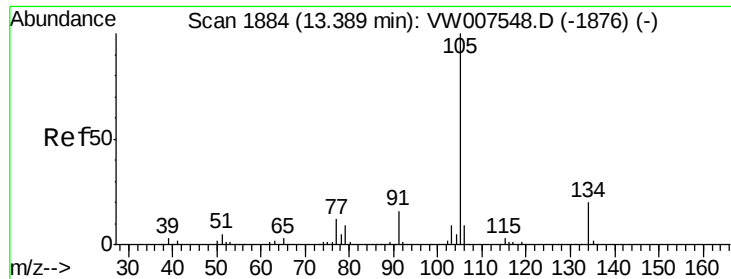
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#84
 1,2,4-Trimethylbenzene
 Concen: 396.584 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion:105 Resp: 211882
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.7





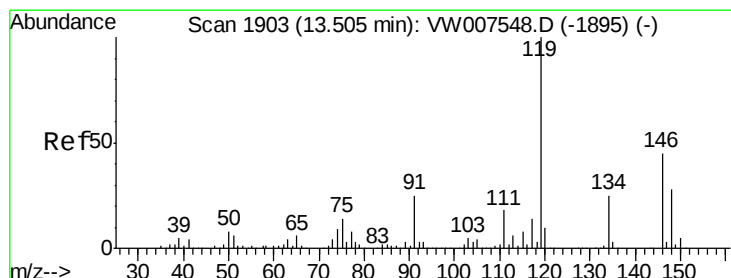
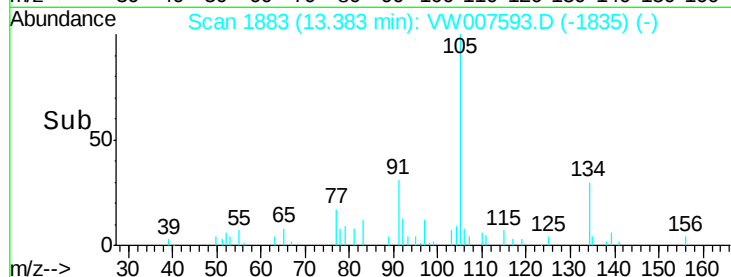
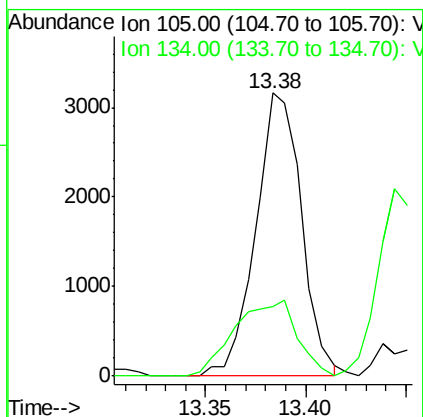
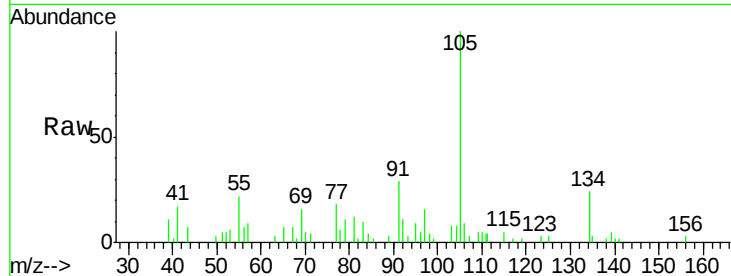
#85
 sec-Butylbenzene
 Concen: 8.030 ug/l m
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

Tgt Ion:105 Resp: 5015
 Ion Ratio Lower Upper
 105 100
 134 0.0 11.1 33.3#

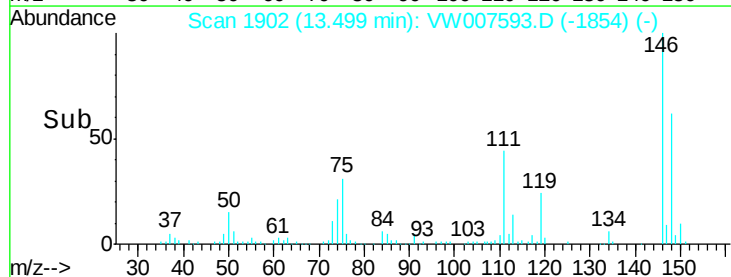
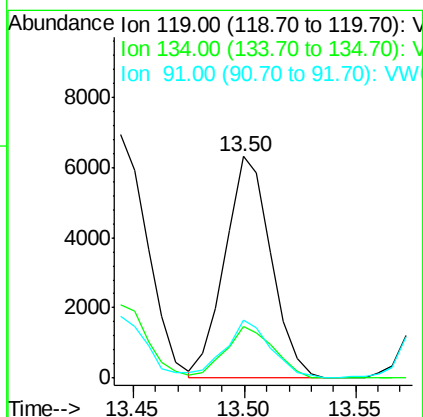
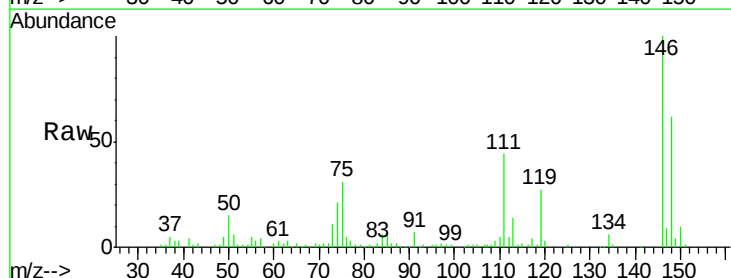
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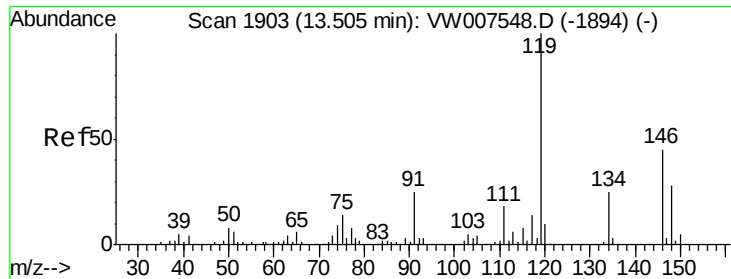
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#86
 p-Isopropyltoluene
 Concen: 16.259 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion:119 Resp: 9122
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.9 38.7
 91 26.3 11.9 35.9





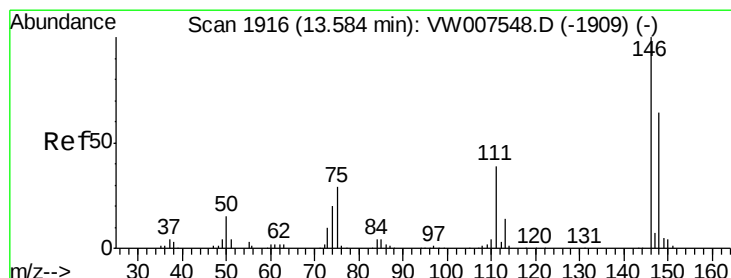
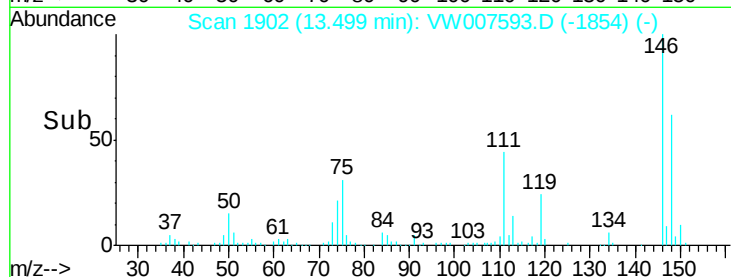
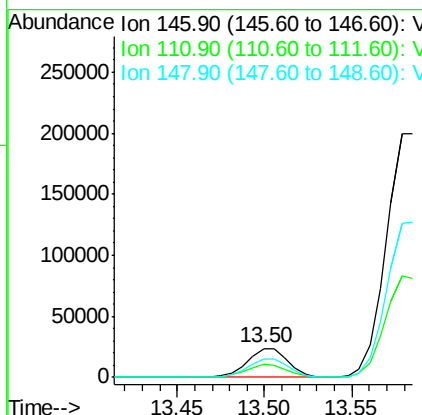
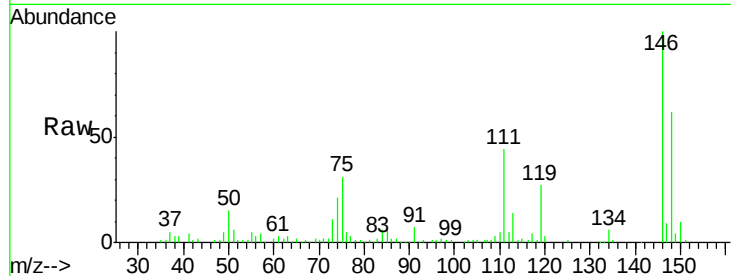
#87
 1,3-Dichlorobenzene
 Concen: 139.675 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0612-01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.1	60.3
148	63.7	31.4	94.0

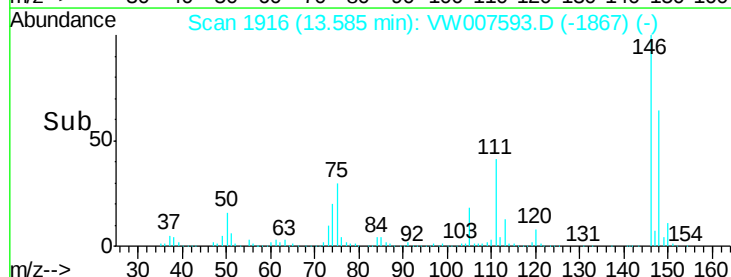
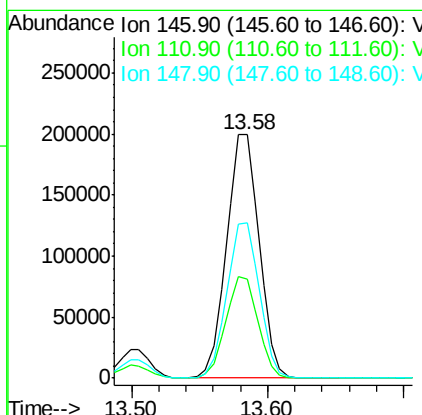
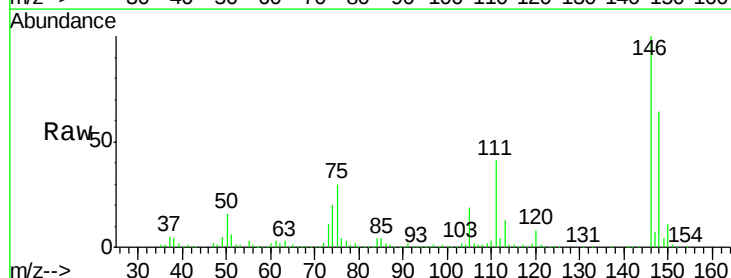
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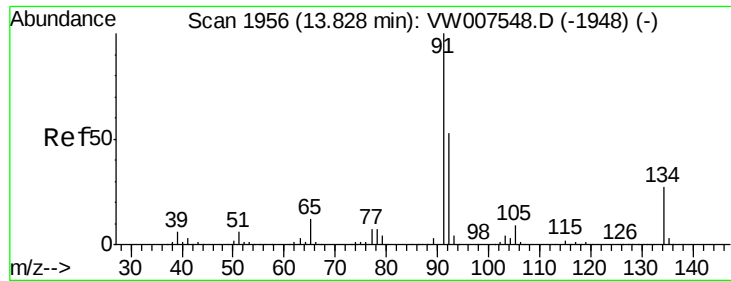
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#88
 1,4-Dichlorobenzene
 Concen: 1210.776 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007593.D
 Acq: 15 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	63.5	33.5	100.5





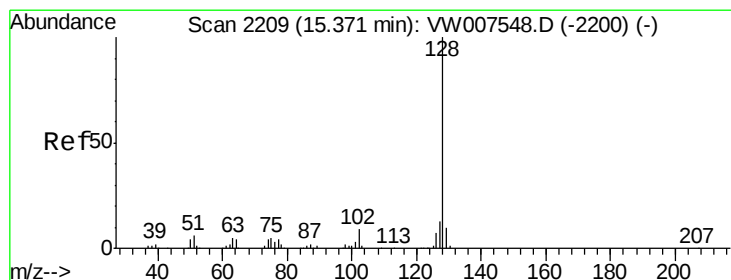
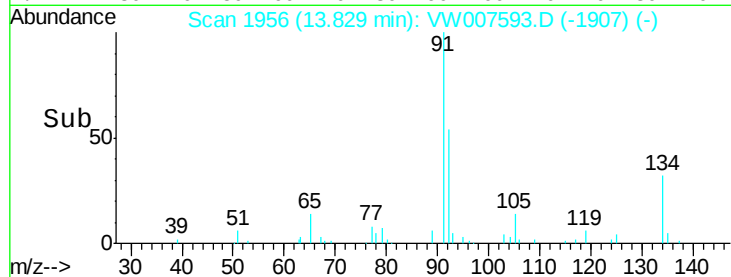
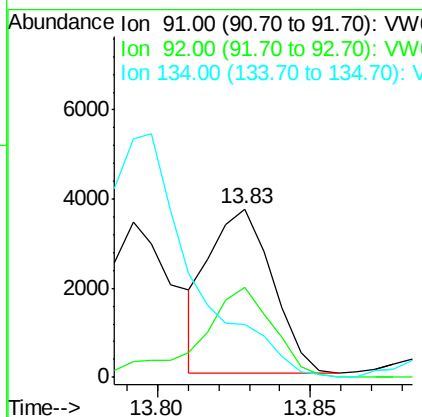
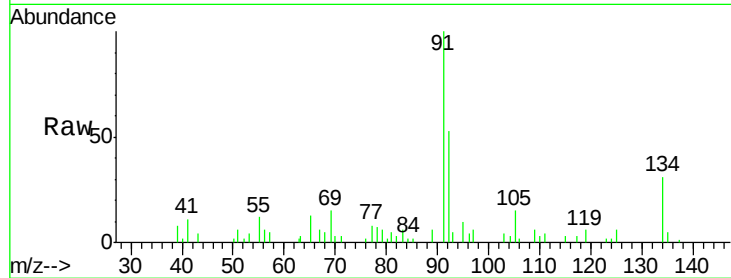
#89
n-Butylbenzene
Concen: 10.052 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0612-01

Tgt Ion: 91 Resp: 5228
Ion Ratio Lower Upper
91 100
92 63.6 25.7 77.1
134 0.0 13.4 40.2#

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#95
Naphthalene
Concen: 52.080 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007593.D
Acq: 15 Dec 2018 20:02

Tgt Ion: 128 Resp: 16770
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.4 8.3 12.5

