

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007287.D
 Acq On : 06 Dec 2018 19:09
 Operator : SY/AP
 Sample : J6248-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 4UST-BASE

Manual Integrations
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Quant Time: Dec 07 01:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	142493m	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38165	61.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.36%	
35) Dibromofluoromethane	7.89	113	35137	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.32	98	170355	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.60	95	1638649	1397.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	2794.44%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	4488	30.392	ug/l	98
39) Methylcyclohexane	9.34	83	44381	27.658	ug/l	90
52) Toluene	10.39	92	10919	4.776	ug/l	91
64) Tetrachloroethene	10.87	164	9871	19.183	ug/l	95
67) Ethyl Benzene	11.74	91	309585	107.988	ug/l	98
68) m/p-Xylenes	11.85	106	2251656	2002.053	ug/l	87
69) o-Xylene	12.18	106	1296884	1234.212	ug/l	79
73) Isopropylbenzene	12.49	105	2705044	233.406	ug/l	97
78) n-propylbenzene	12.83	91	6221432	450.588	ug/l	94
80) 1,3,5-Trimethylbenzene	12.97	105	2954184	297.965	ug/l	93
83) tert-Butylbenzene	13.22	119	726609	83.863	ug/l	82
84) 1,2,4-Trimethylbenzene	13.27	105	17666495	1745.611	ug/l	88
85) sec-Butylbenzene	13.40	105	4612464	372.902	ug/l	84
86) p-Isopropyltoluene	13.52	119	2195151	199.360	ug/l	95
89) n-Butylbenzene	13.83	91	2729511	265.273	ug/l #	73
95) Naphthalene	15.37	128	152807	27.674	ug/l	100

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

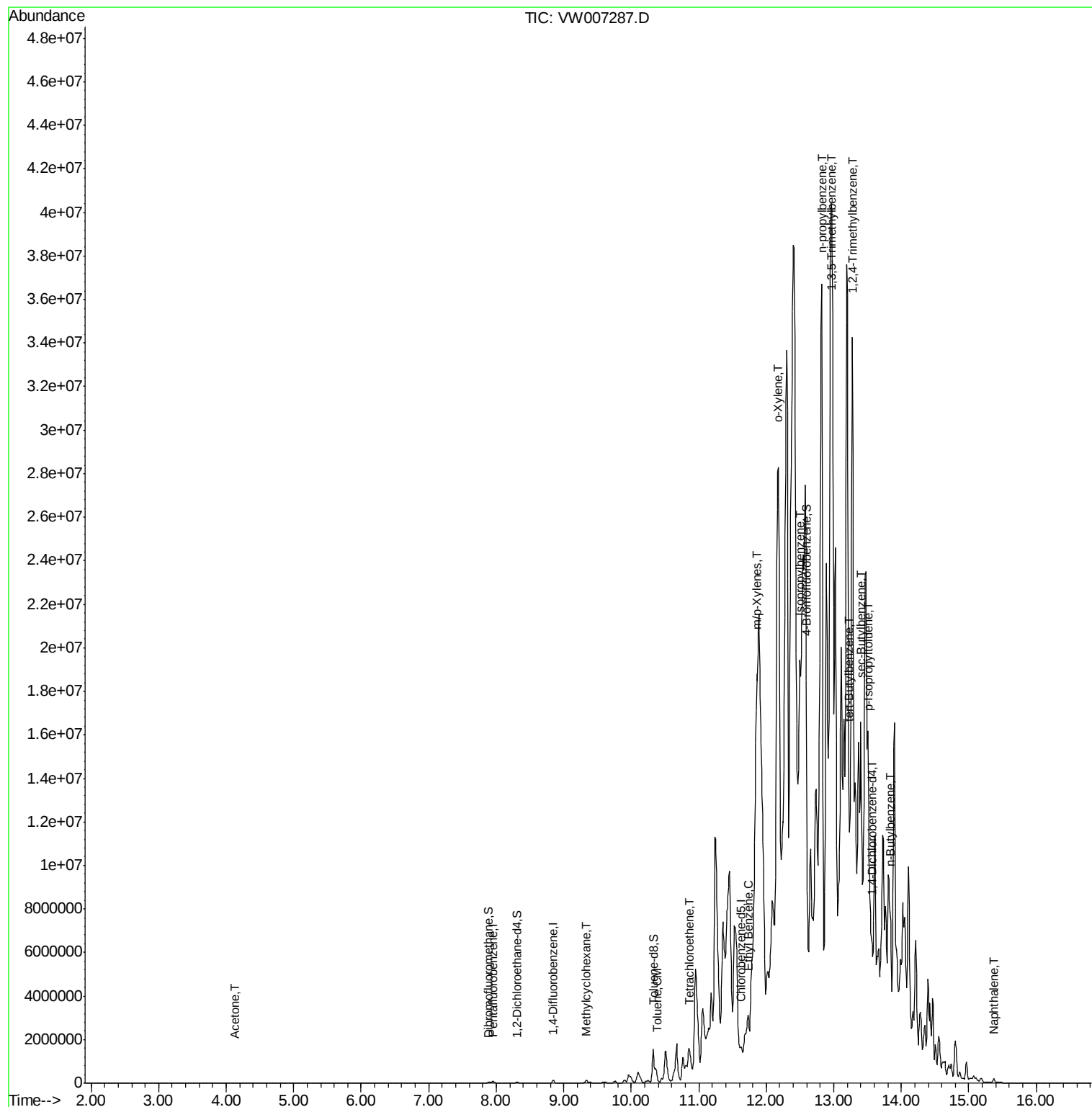
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007287.D
Acq On : 06 Dec 2018 19:09
Operator : SY/AP
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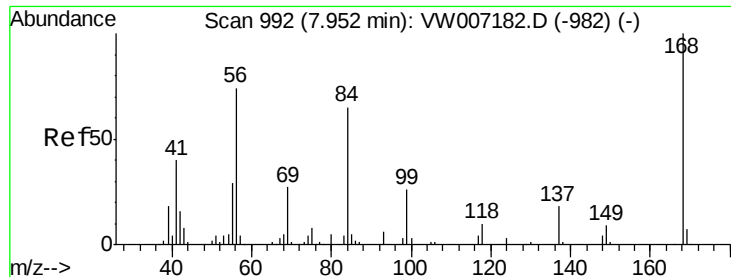
Instrument :
MSVOA_W
ClientSampleId :
4UST-BASE

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Quant Time: Dec 07 01:27:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
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: VW007287.D

Acq: 06 Dec 2018 19:09

Instrument :

MSVOA_W

ClientSampled :

4UST-BASE

Tot Ion:168 Resp: 66998

Ion Ratio Lower Upper

168 100

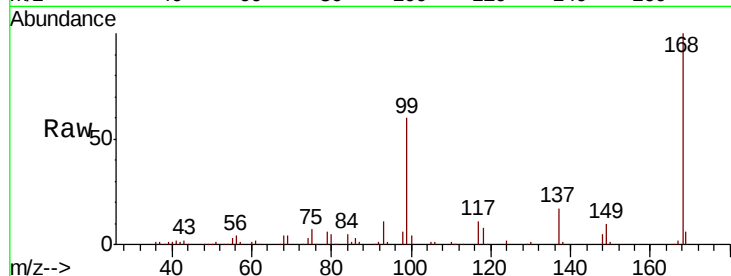
99 59.8 47.8 71.8

Manual Integrations

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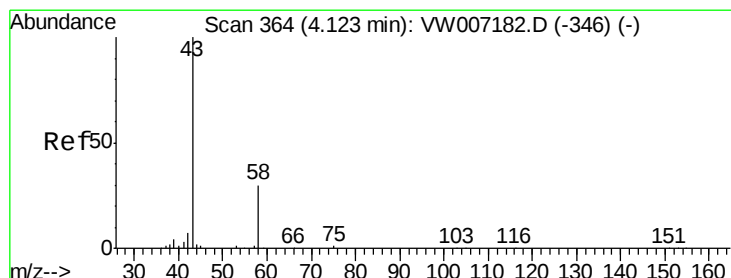
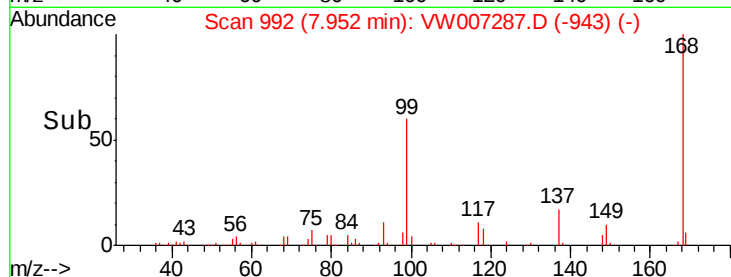
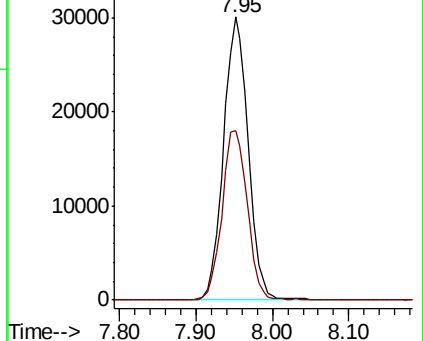
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 30.392 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007287.D

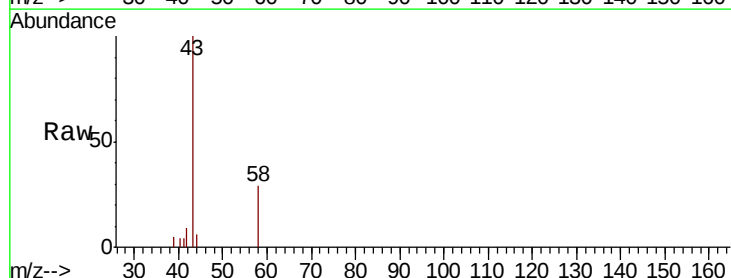
Acq: 06 Dec 2018 19:09

Tgt Ion: 43 Resp: 4488

Ion Ratio Lower Upper

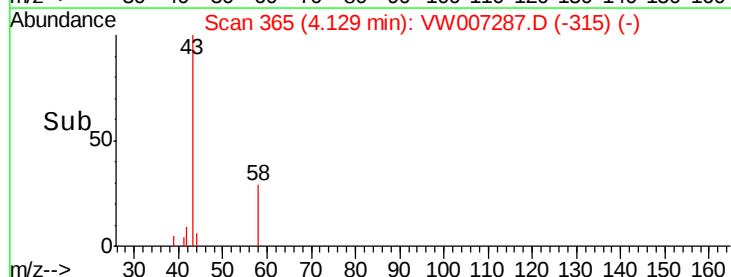
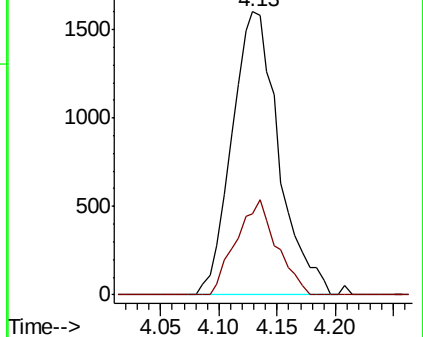
43 100

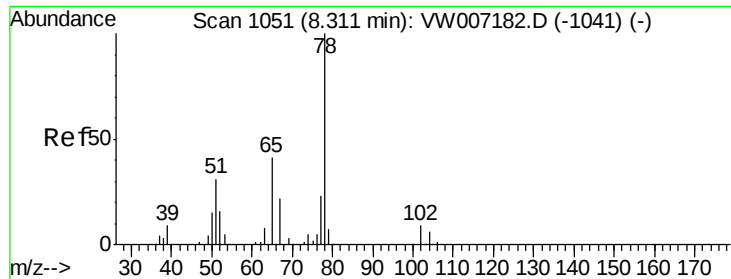
58 28.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





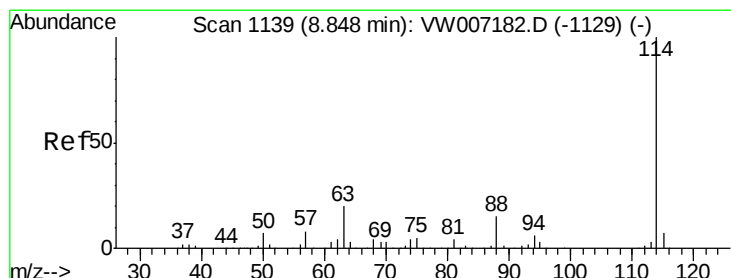
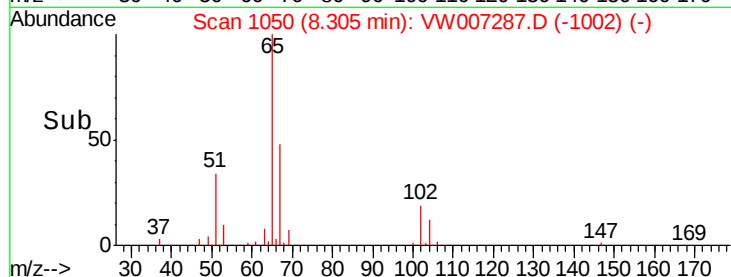
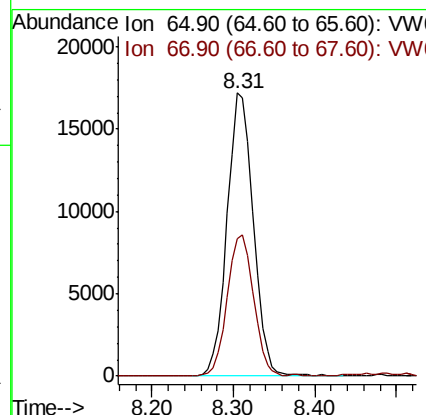
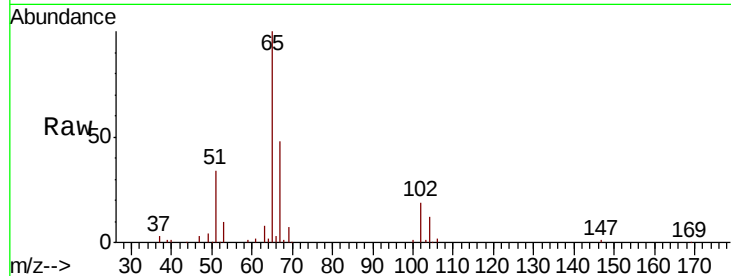
#33
 1,2-Dichloroethane-d4
 Concen: 61.184 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007287.D
 Acq: 06 Dec 2018 19:09

Instrument :
 MSVOA_W
 ClientSampleId :
 4UST-BASE

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.9	0.0	106.4	

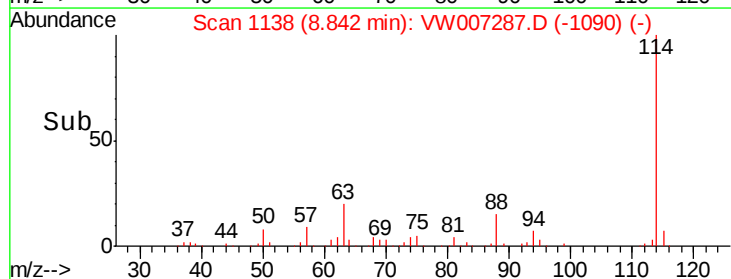
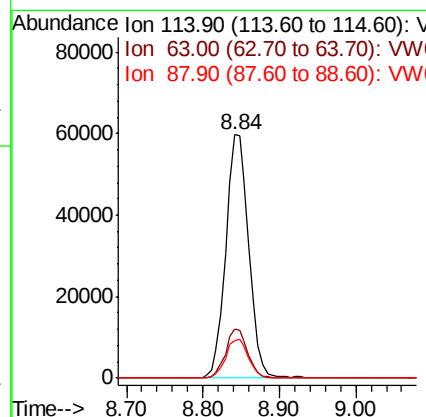
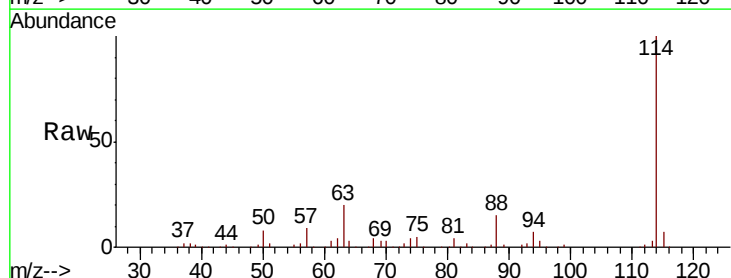
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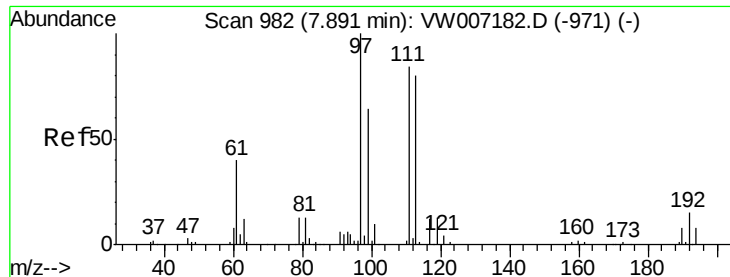
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007287.D
 Acq: 06 Dec 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	40.2	
88	15.4	0.0	30.0	





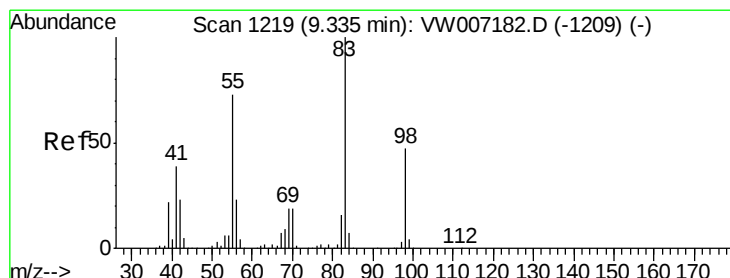
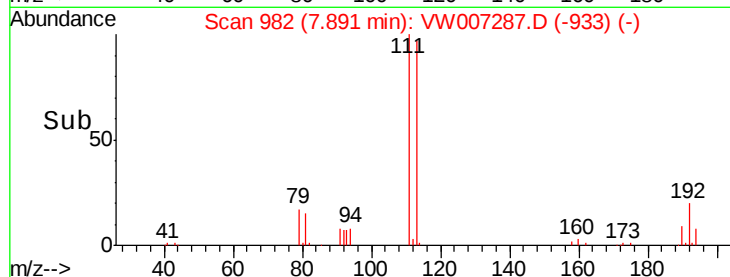
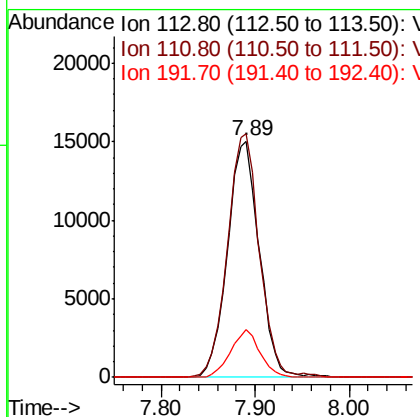
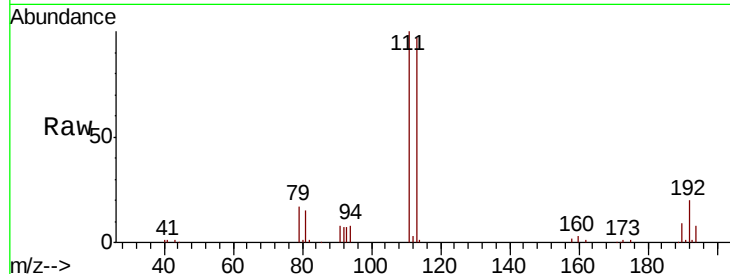
#35
Dibromofluoromethane
Concen: 49.813 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.5	82.2	123.4	
192	18.5	14.4	21.6	

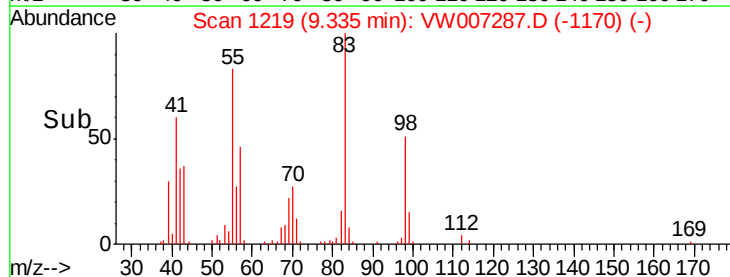
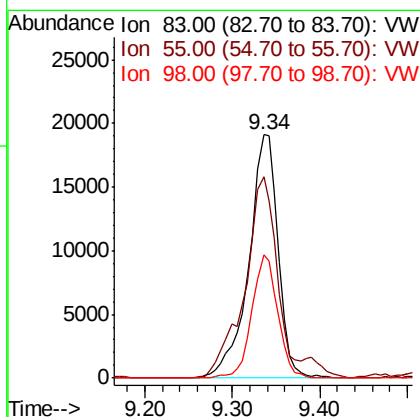
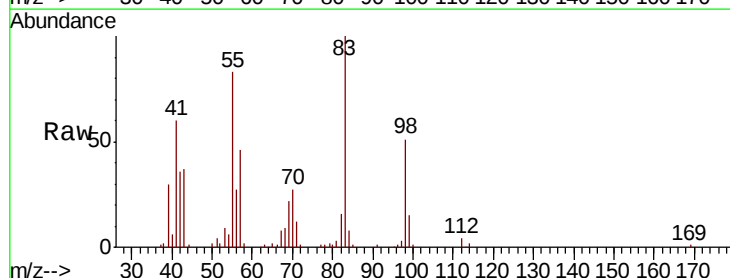
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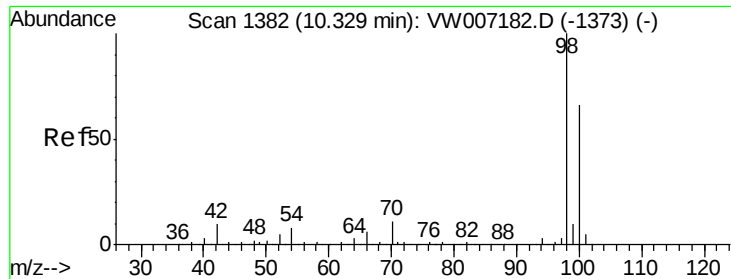
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#39
Methylcyclohexane
Concen: 27.658 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007287.D
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Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.8	58.1	87.1	
98	50.6	37.3	55.9	





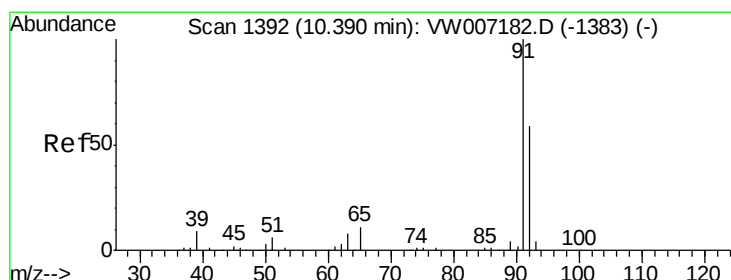
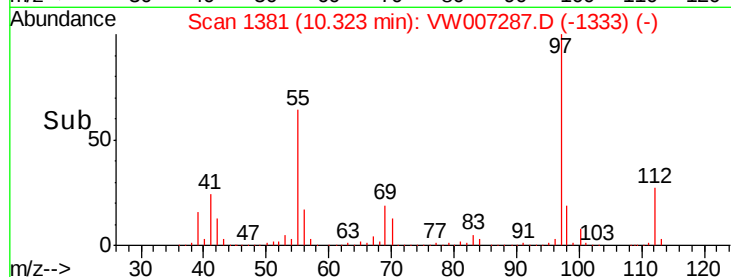
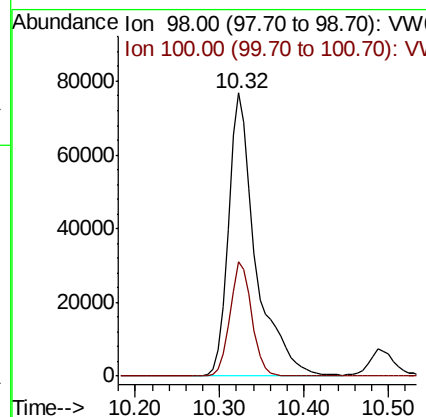
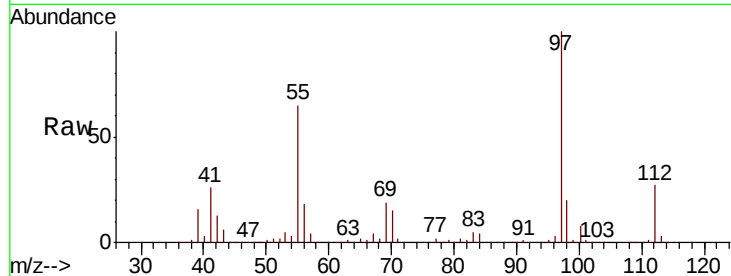
#50
Toluene-d8
Concen: 54.826 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Instrument :
MSVOA_W
ClientSampleId :
4UST-BASE

Tot Ion: 98 Resp: 170355
Ion Ratio Lower Upper
98 100
100 32.1 52.7 79.1#

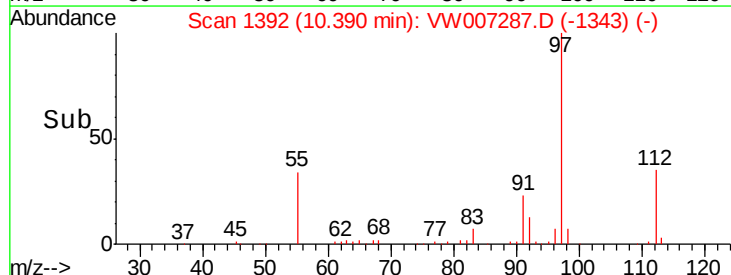
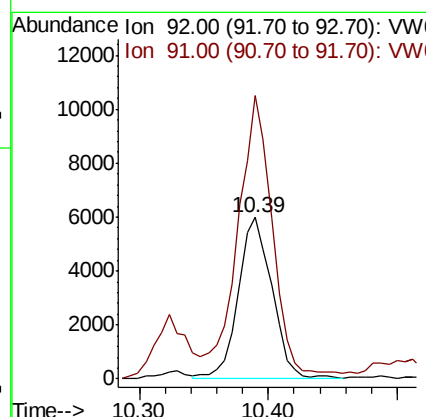
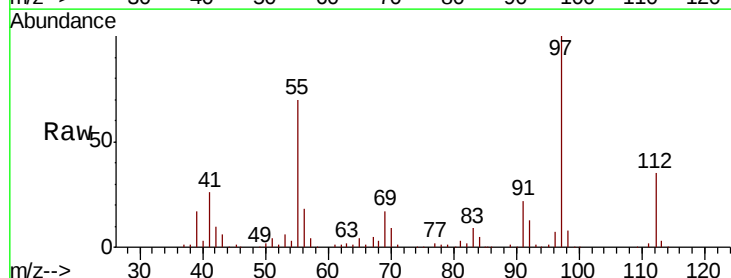
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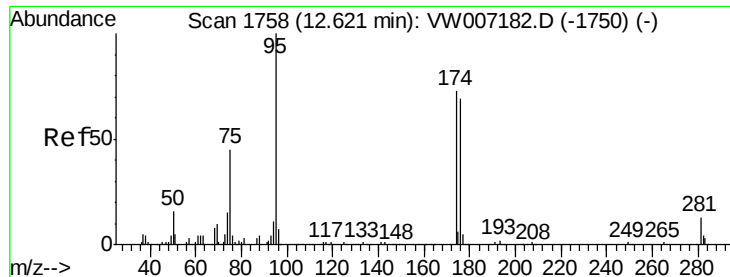
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#52
Toluene
Concen: 4.776 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Tgt Ion: 92 Resp: 10919
Ion Ratio Lower Upper
92 100
91 182.4 136.0 204.0





#62

4-Bromofluorobenzene

Concen: 1397.217 ug/l

RT: 12.60 min Scan# 1754

Delta R.T. -0.02 min

Lab File: VW007287.D

Acq: 06 Dec 2018 19:09

Instrument :

MSVOA_W

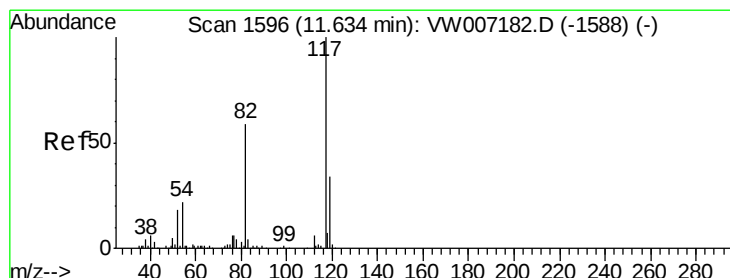
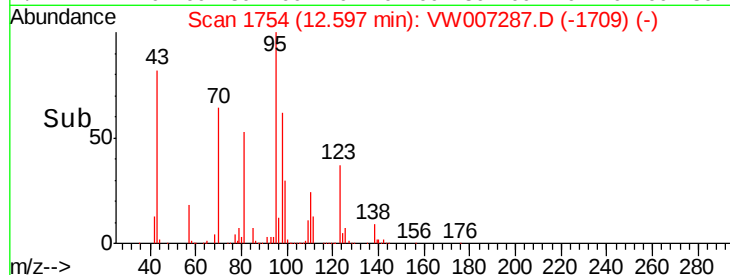
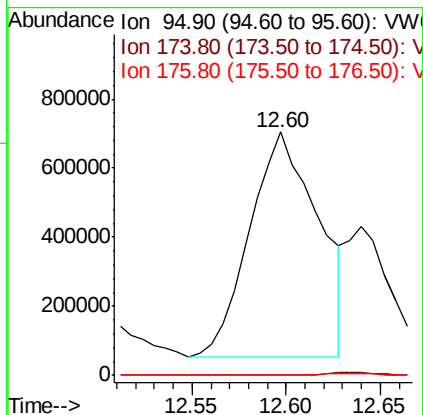
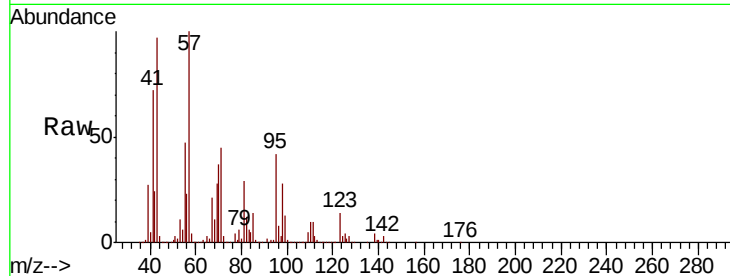
ClientSampleId :

4UST-BASE

Tot Ion:	95	Resp:	1638649
Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	148.0
176	0.0	0.0	139.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

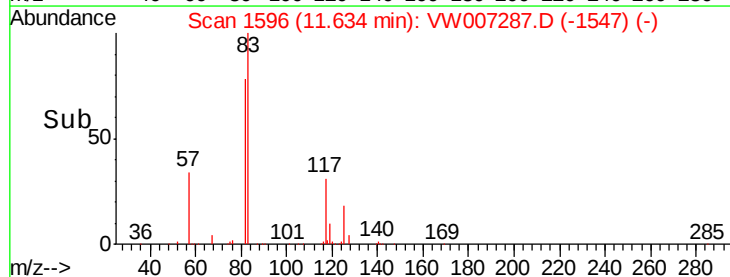
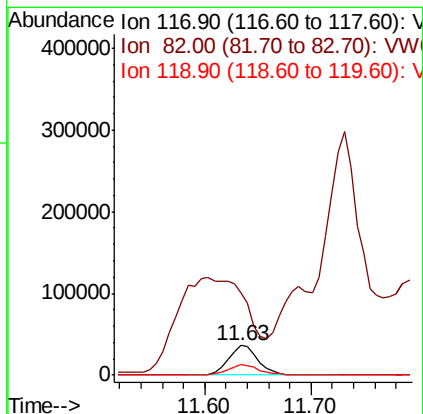
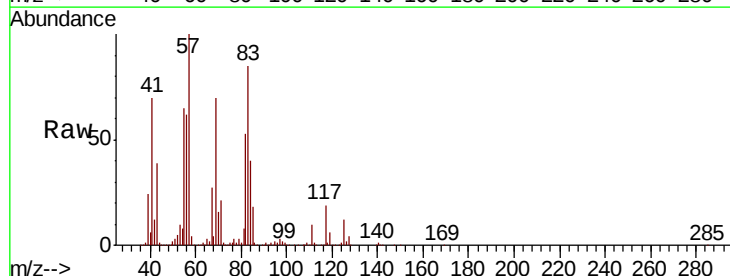
RT: 11.63 min Scan# 1596

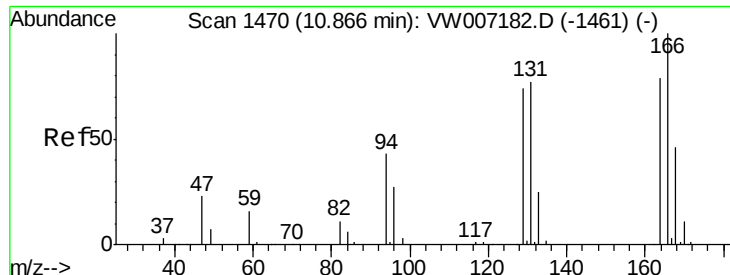
Delta R.T. -0.00 min

Lab File: VW007287.D

Acq: 06 Dec 2018 19:09

Tgt Ion:	117	Resp:	70429
Ion	Ratio	Lower	Upper
117	100		
82	0.0	47.4	71.2#
119	32.9	26.8	40.2





#64

Tetrachloroethene

Concen: 19.183 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007287.D

Acq: 06 Dec 2018 19:09

Instrument :

MSVOA_W

ClientSampleId :

4UST-BASE

Tot Ion:164 Resp: 9871

Ion Ratio Lower Upper

164 100

166 121.2 101.0 151.4

129 92.5 74.6 111.8

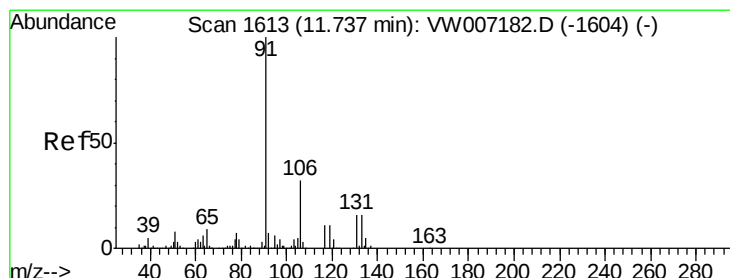
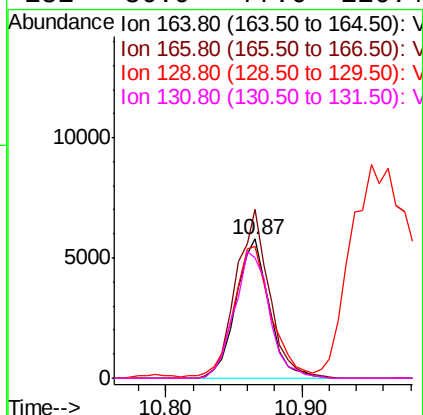
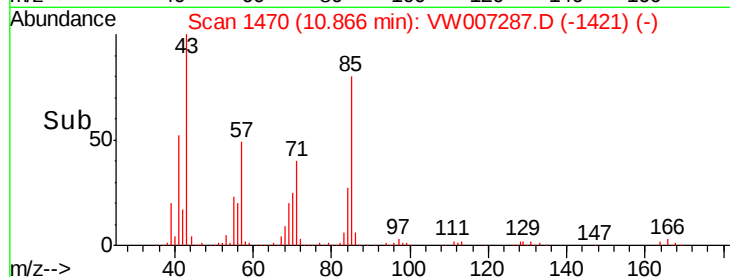
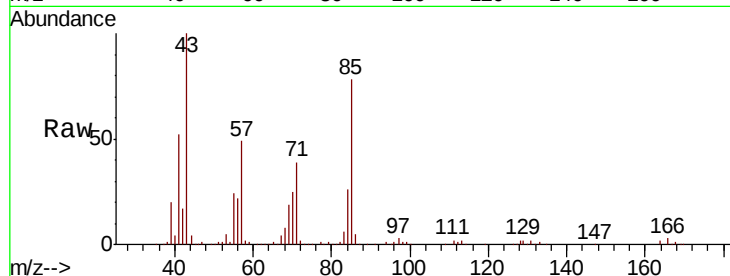
131 86.9 77.6 116.4

Manual Integrations

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#67

Ethyl Benzene

Concen: 107.988 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW007287.D

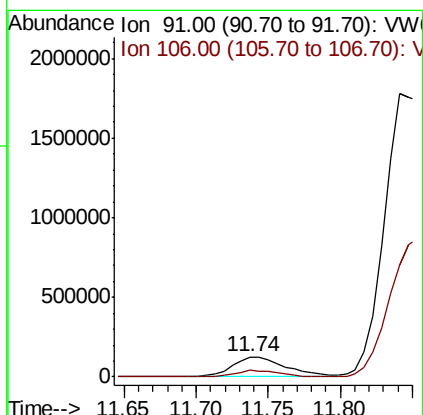
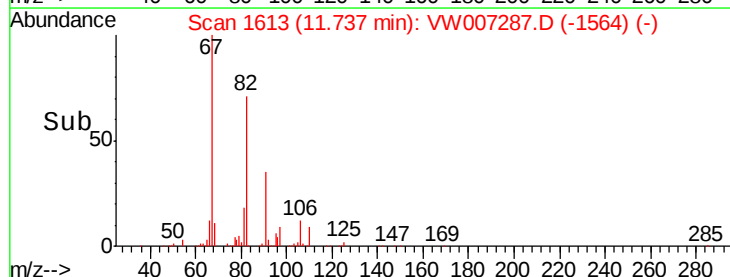
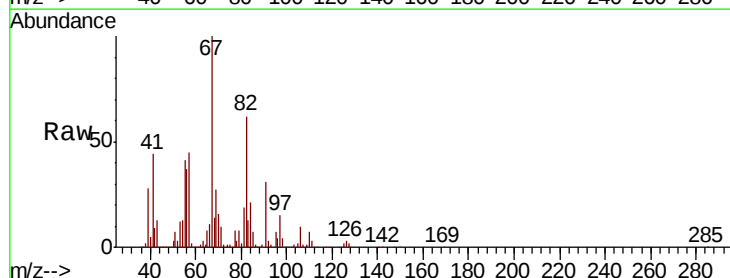
Acq: 06 Dec 2018 19:09

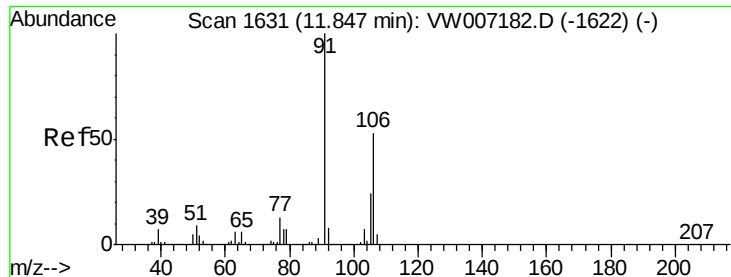
Tgt Ion: 91 Resp: 309585

Ion Ratio Lower Upper

91 100

106 33.4 26.0 39.0





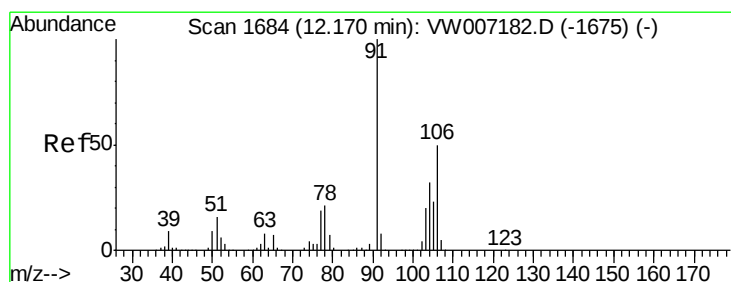
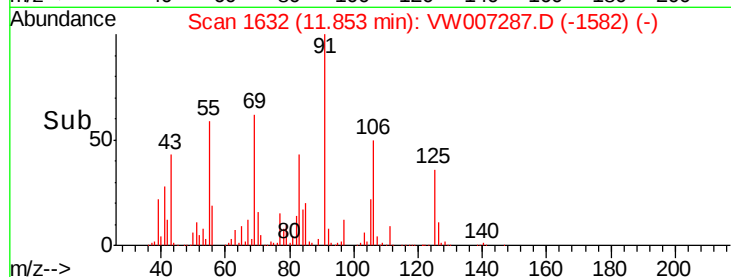
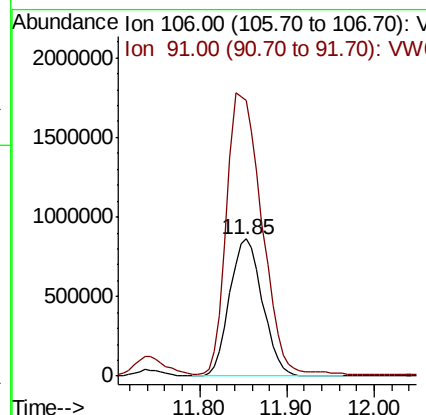
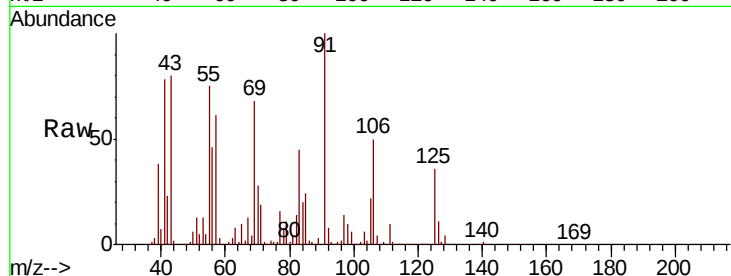
#68
m/p-Xylenes
Concen: 2002.053 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Instrument :
MSVOA_W
ClientSampled :
4UST-BASE

Tot Ion:106 Resp: 2251656
Ion Ratio Lower Upper
106 100
91 219.9 160.2 240.4

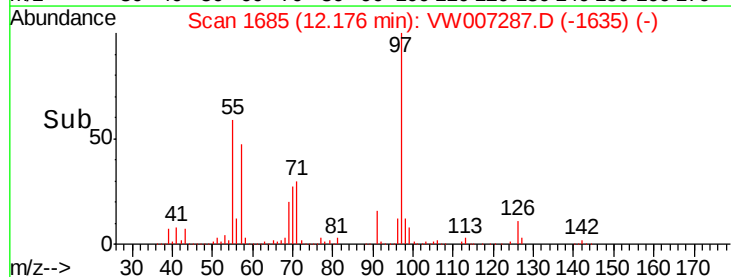
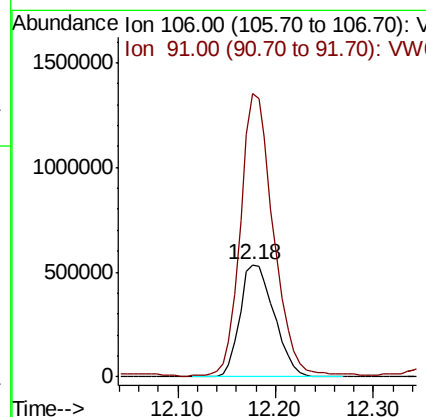
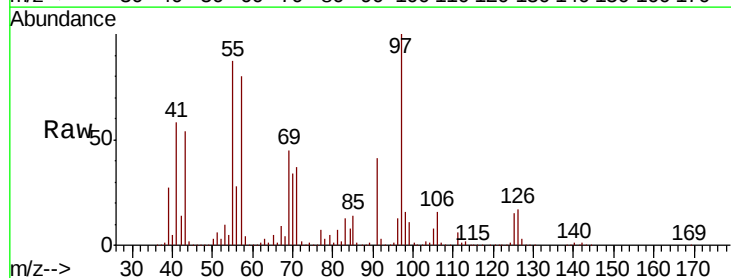
Manual Integrations
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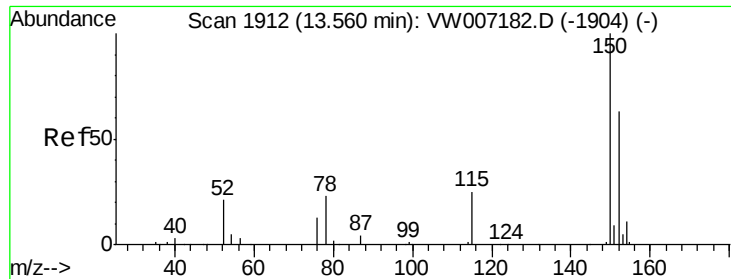
apatel
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#69
o-Xylene
Concen: 1234.212 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Tgt Ion:106 Resp: 1296884
Ion Ratio Lower Upper
106 100
91 243.0 104.9 314.7





#72

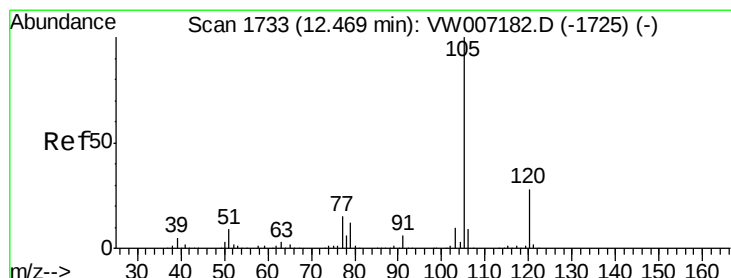
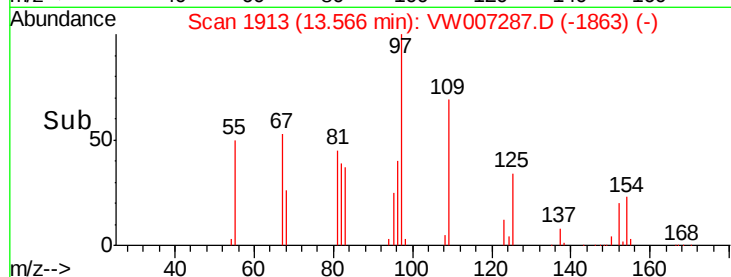
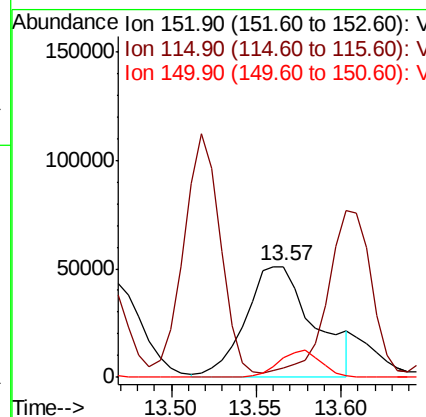
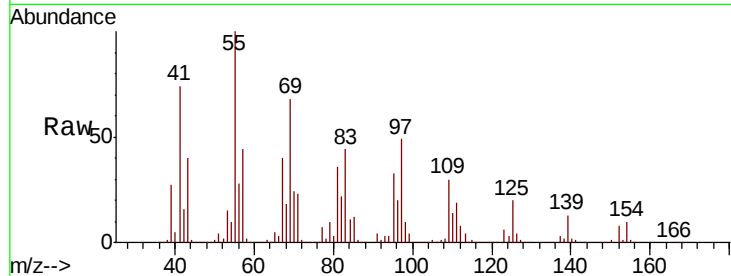
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Instrument :
MSVOA_W
ClientSampleId :
4UST-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
115	40.8	31.3	93.8
150	1.2	0.0	358.0

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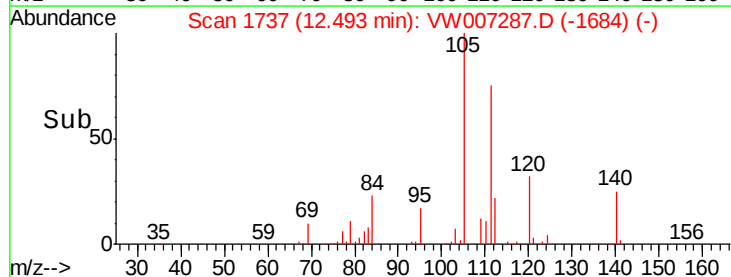
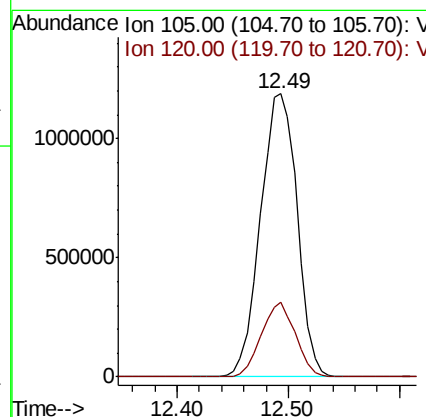
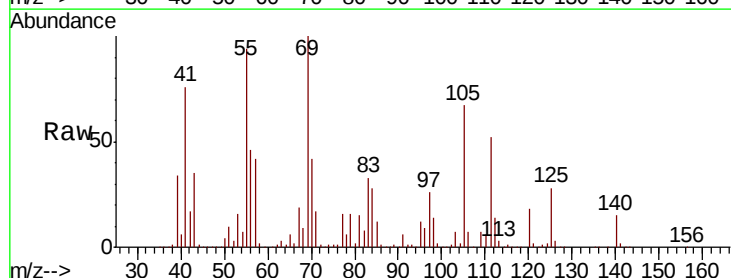
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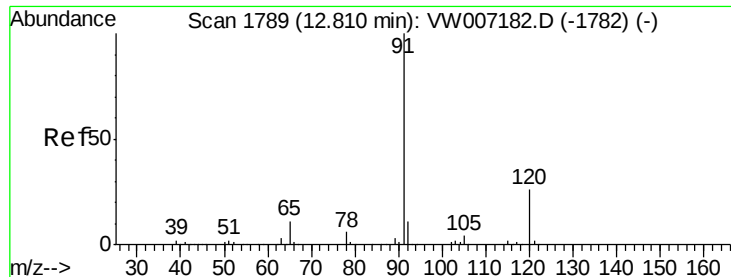


#73

Isopropylbenzene
Concen: 233.406 ug/l
RT: 12.49 min Scan# 1737
Delta R.T. 0.02 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.8	13.2	39.6





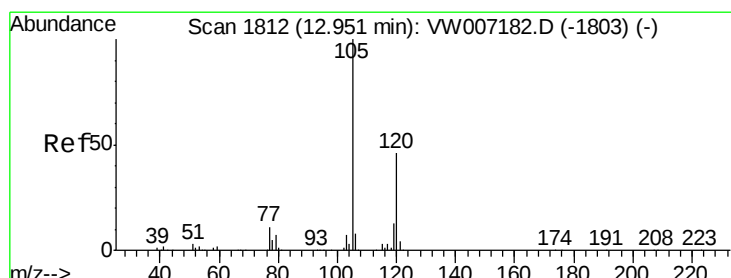
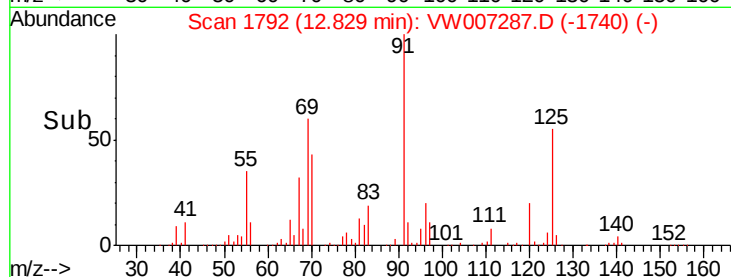
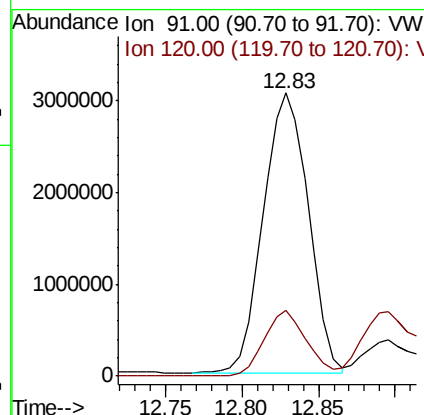
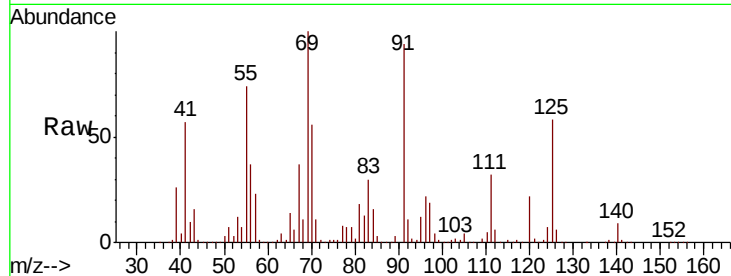
#78
n-propylbenzene
Concen: 450.588 ug/l
RT: 12.83 min Scan# 1792
Delta R.T. 0.02 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Instrument :
MSVOA_W
ClientSampleId :
4UST-BASE

Tot Ion: 91 Resp: 6221432
Ion Ratio Lower Upper
91 100
120 21.9 12.5 37.5

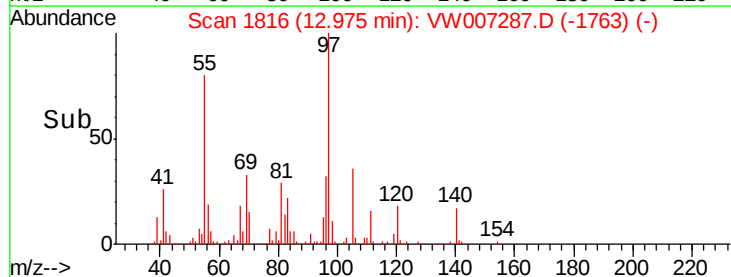
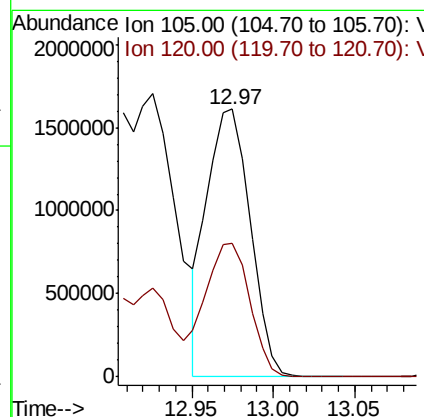
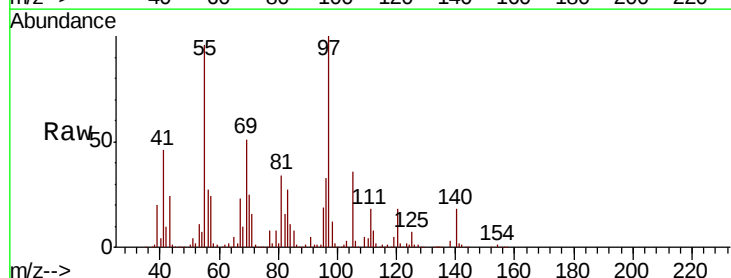
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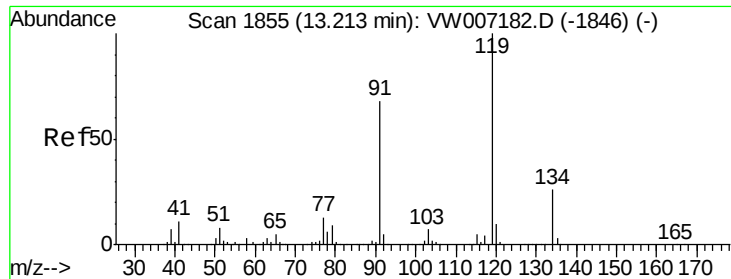
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#80
1,3,5-Trimethylbenzene
Concen: 297.965 ug/l
RT: 12.97 min Scan# 1816
Delta R.T. 0.02 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Tgt Ion: 105 Resp: 2954184
Ion Ratio Lower Upper
105 100
120 52.7 23.8 71.5





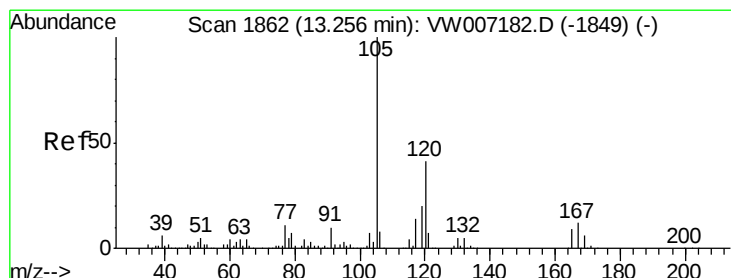
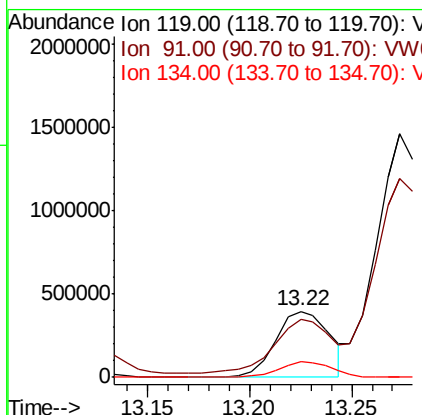
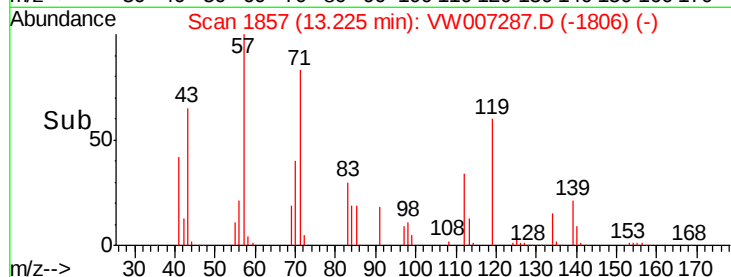
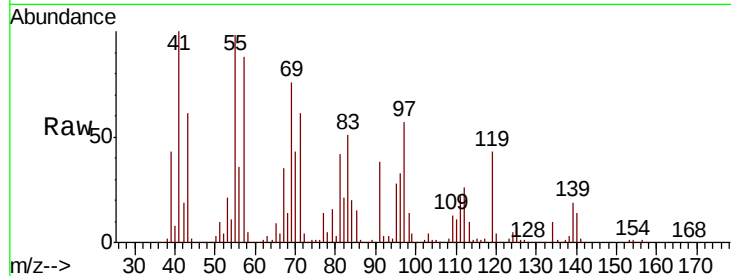
#83
 tert-Butylbenzene
 Concen: 83.863 ug/l
 RT: 13.22 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VW007287.D
 Acq: 06 Dec 2018 19:09

Instrument :
 MSVOA_W
 ClientSampleId :
 4UST-BASE

Tot Ion:	119	Resp:	726609
Ion Ratio	Lower	Upper	
119	100		
91	86.1	34.0	101.8
134	23.1	13.2	39.5

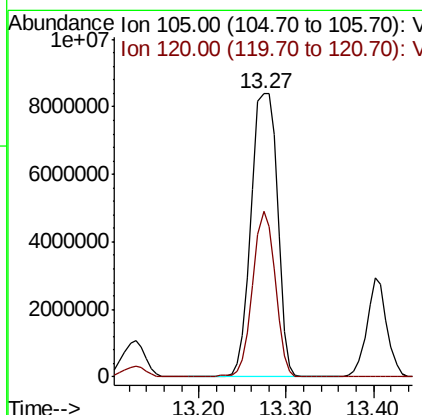
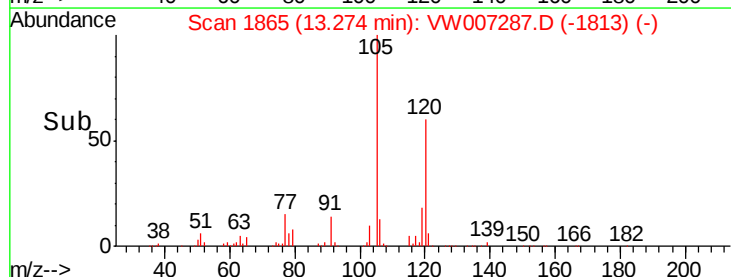
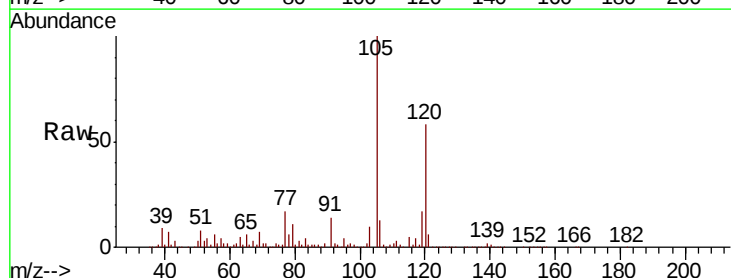
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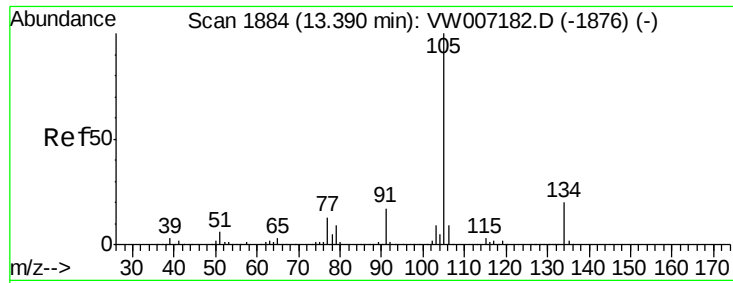
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#84
 1,2,4-Trimethylbenzene
 Concen: 1745.611 ug/l
 RT: 13.27 min Scan# 1865
 Delta R.T. 0.02 min
 Lab File: VW007287.D
 Acq: 06 Dec 2018 19:09

Tgt Ion:	105	Resp:	17666495
Ion Ratio	Lower	Upper	
105	100		
120	50.1	21.1	63.3





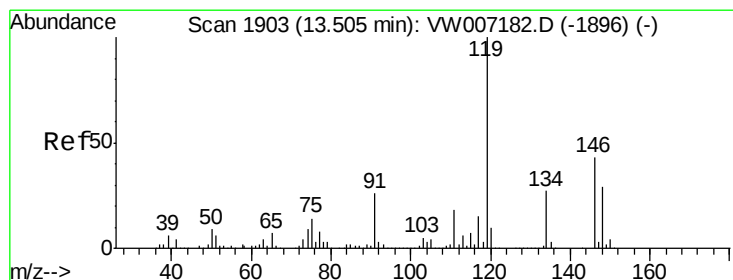
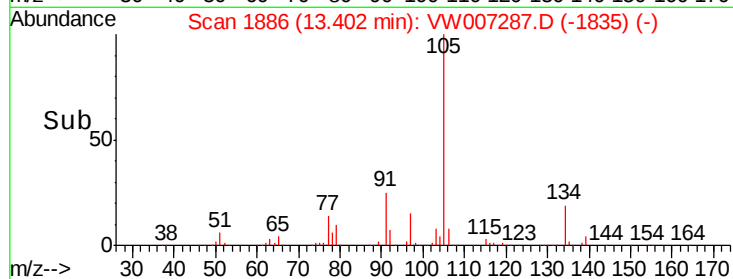
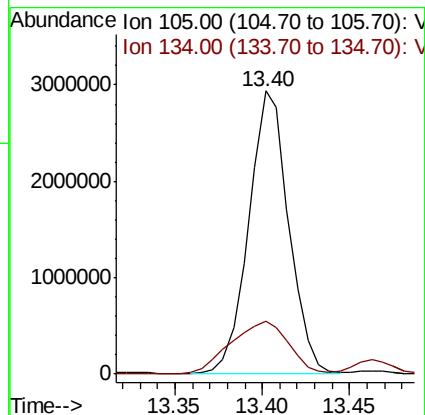
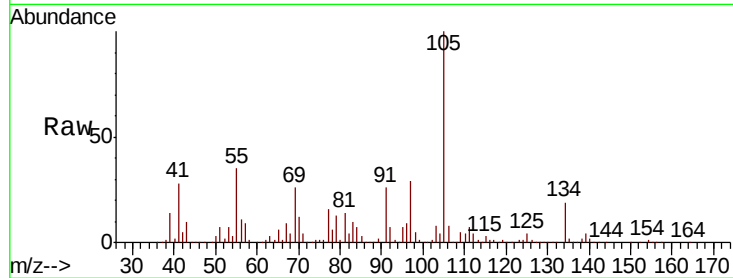
#85
 sec-Butylbenzene
 Concen: 372.902 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VW007287.D
 Acq: 06 Dec 2018 19:09

Instrument :
 MSVOA_W
 ClientSampled :
 4UST-BASE

Tot Ion:105 Resp: 4612464
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.3 30.8

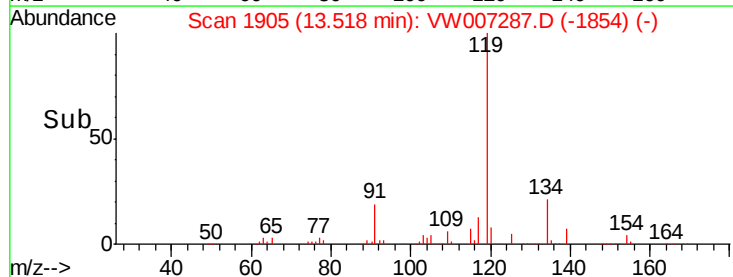
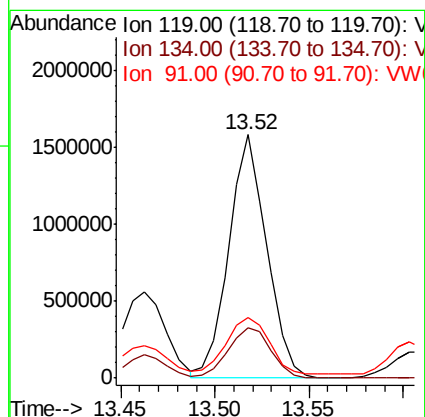
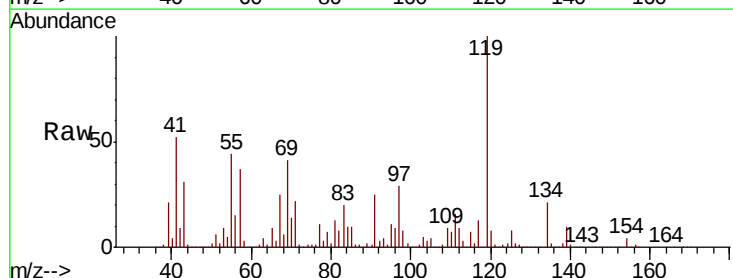
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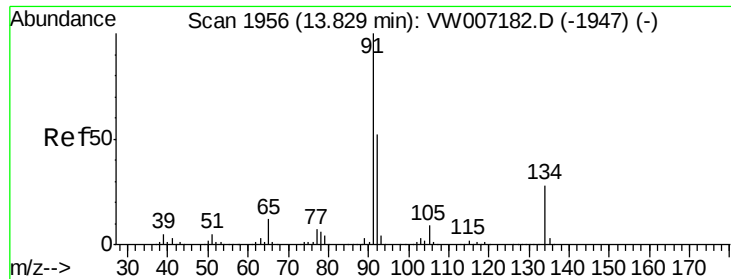
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#86
 p-Isopropyltoluene
 Concen: 199.360 ug/l
 RT: 13.52 min Scan# 1905
 Delta R.T. 0.01 min
 Lab File: VW007287.D
 Acq: 06 Dec 2018 19:09

Tgt Ion:119 Resp: 2195151
 Ion Ratio Lower Upper
 119 100
 134 23.3 13.2 39.6
 91 26.5 12.4 37.2





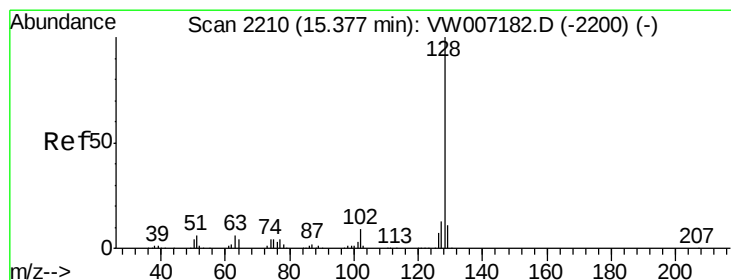
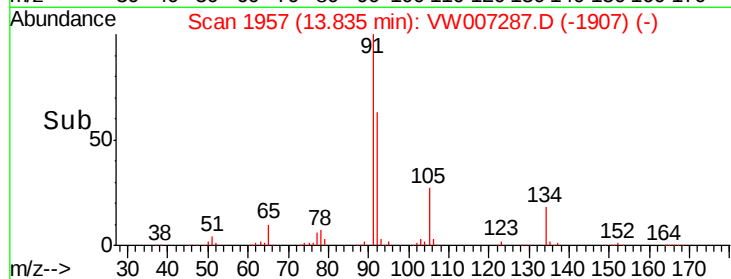
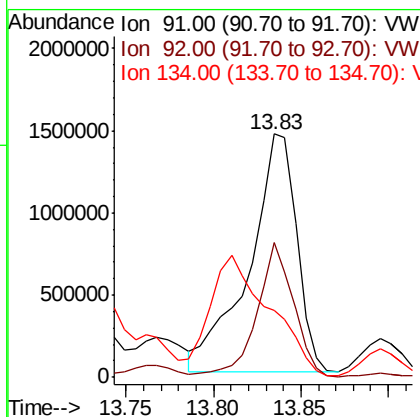
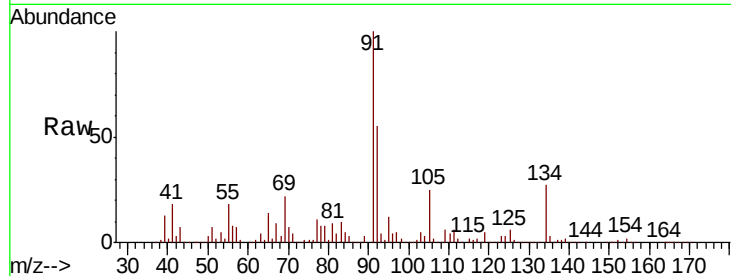
#89
n-Butylbenzene
Concen: 265.273 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Instrument :
MSVOA_W
ClientSampleId :
4UST-BASE

Tot Ion	Ratio	Lower	Upper
91	100		
92	43.6	26.5	79.5
134	0.0	14.1	42.2

Manual Integrations
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#95
Naphthalene
Concen: 27.674 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007287.D
Acq: 06 Dec 2018 19:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.5	8.6	13.0

