

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006865.D
 Acq On : 13 Nov 2018 19:52
 Operator : SY/AP
 Sample : J5895-01
 Misc : 10.23G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Manual Integrations
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Quant Time: Nov 14 06:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	300338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64532	39.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.34%	
35) Dibromofluoromethane	7.89	113	69471	38.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.68%	
50) Toluene-d8	10.33	98	292451	39.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.90%	
62) 4-Bromofluorobenzene	12.62	95	103371	37.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.72%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	7231	30.561	ug/l #	87
20) Methylene Chloride	4.92	84	14039	1.472	ug/l	89
39) Methylcyclohexane	9.34	83	8857	2.429	ug/l	90
64) Tetrachloroethene	10.87	164	3234	1.456	ug/l	87
67) Ethyl Benzene	11.73	91	13091	1.249	ug/l	100
68) m/p-Xylenes	11.85	106	6115	1.426	ug/l	93
78) n-propylbenzene	12.81	91	30464	2.659	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	18781	2.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	67602	7.961	ug/l	96
89) n-Butylbenzene	13.83	91	11531m	1.327	ug/l	
95) Naphthalene	15.38	128	21288	4.340	ug/l	100

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

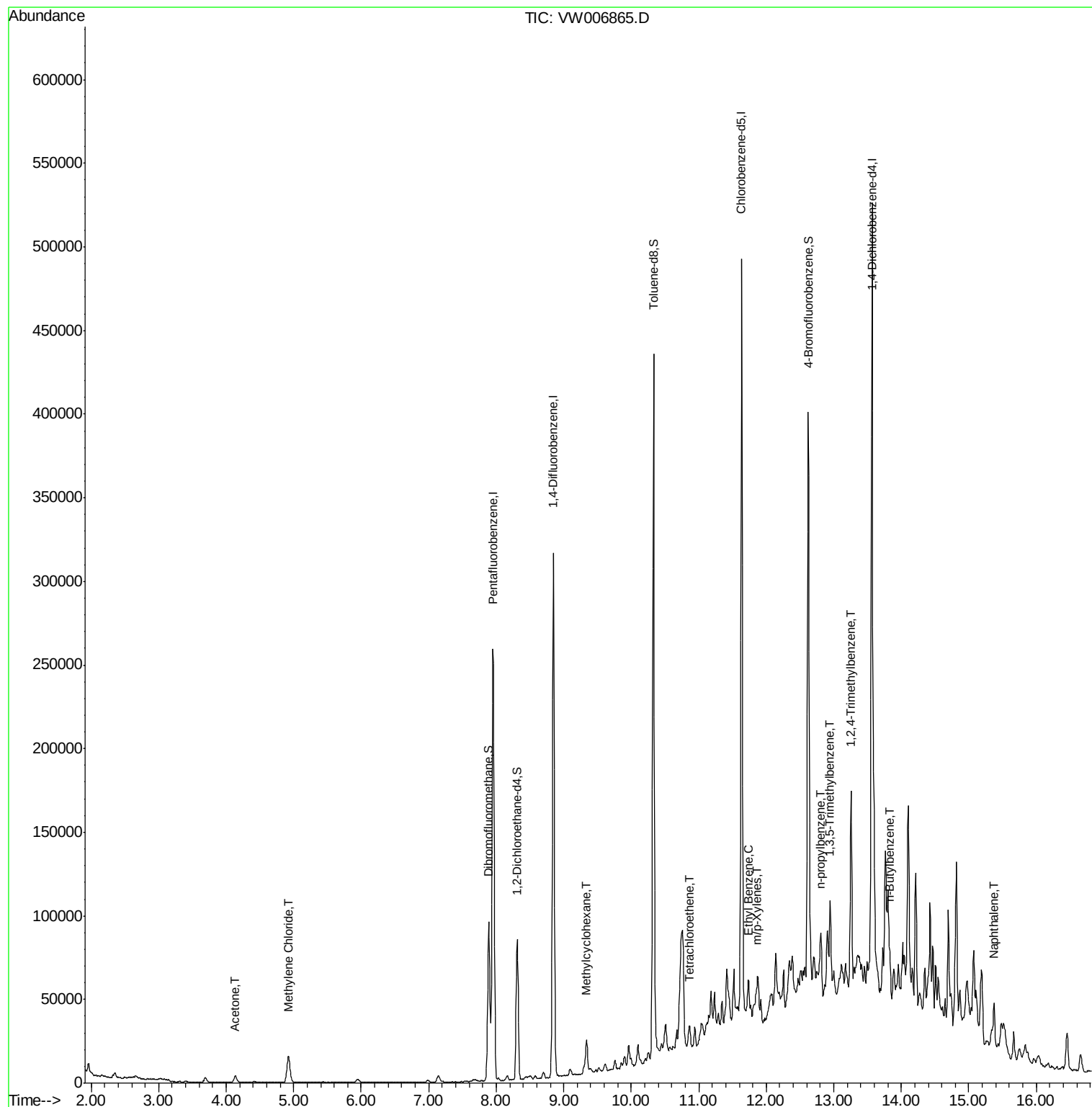
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006865.D
Acq On : 13 Nov 2018 19:52
Operator : SY/AP
Sample : J5895-01
Misc : 10.23G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

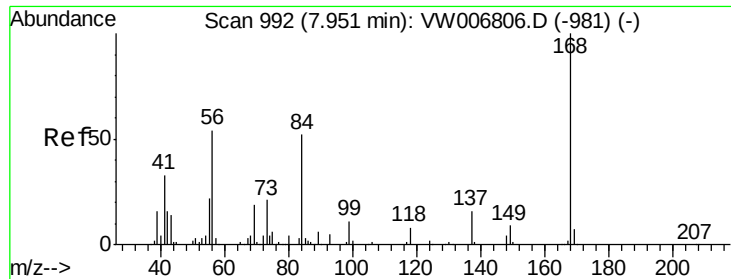
Instrument :
MSVOA_W
ClientSampleId :
SB-1

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Quant Time: Nov 14 06:50:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 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: VW006865.D

Acq: 13 Nov 2018 19:52

Instrument :

MSVOA_W

ClientSampled :

SB-1

Tot Ion:168 Resp: 225369

Ion Ratio Lower Upper

168 100

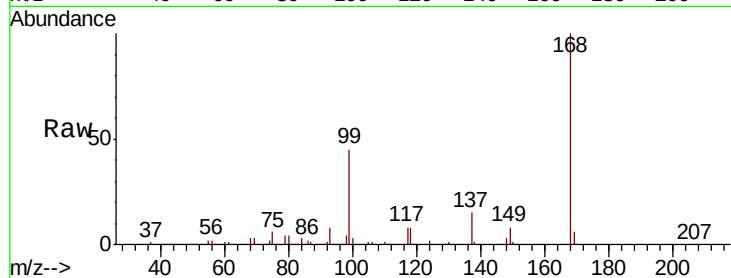
99 45.4 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

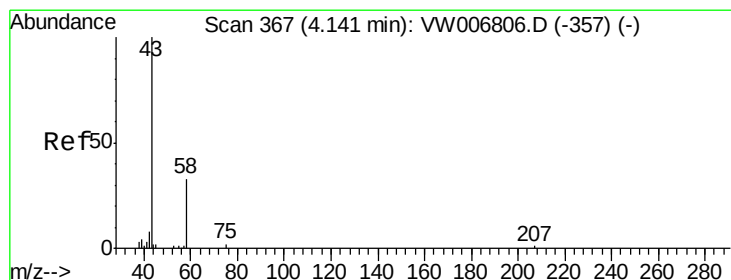
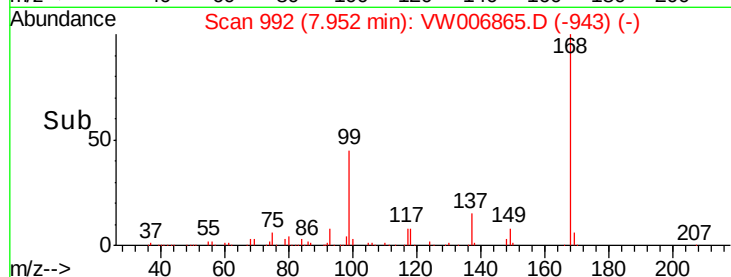
40000

20000

0

7.95

Time-->



#16

Acetone

Concen: 30.561 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006865.D

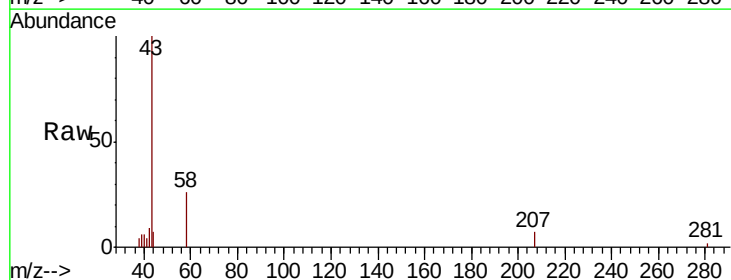
Acq: 13 Nov 2018 19:52

Tgt Ion: 43 Resp: 7231

Ion Ratio Lower Upper

43 100

58 25.6 26.5 39.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

3000

2500

2000

1500

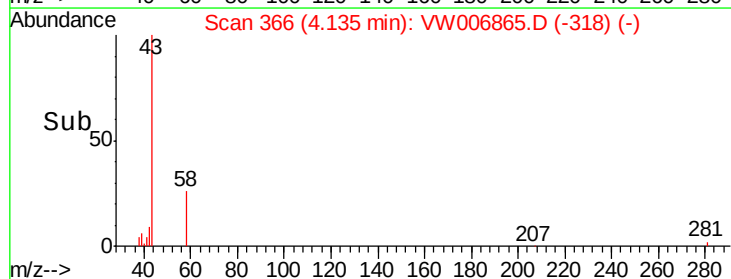
1000

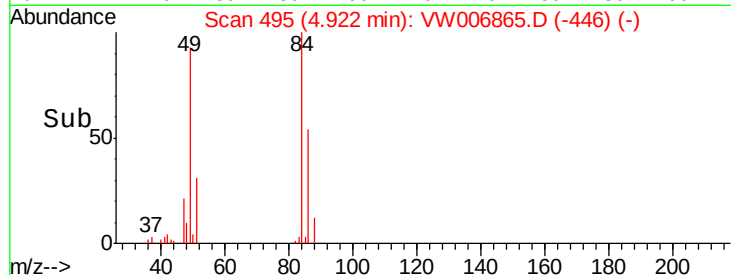
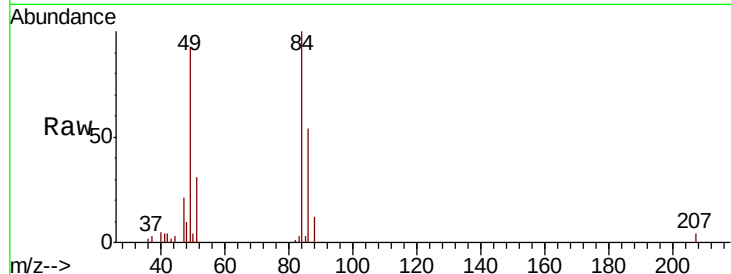
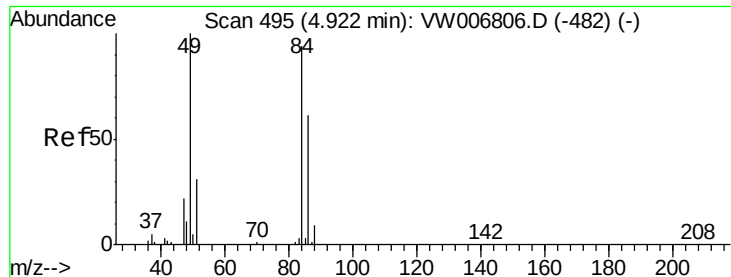
500

0

4.14

Time-->





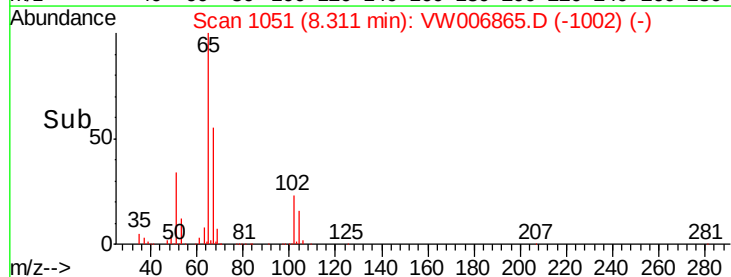
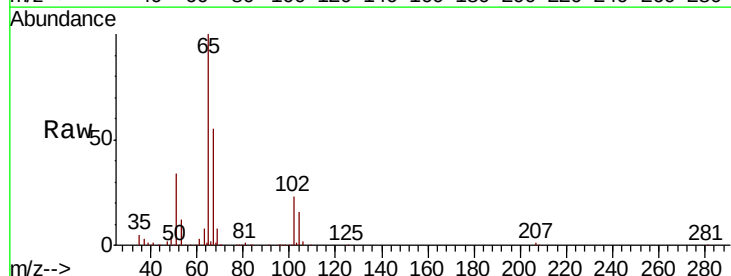
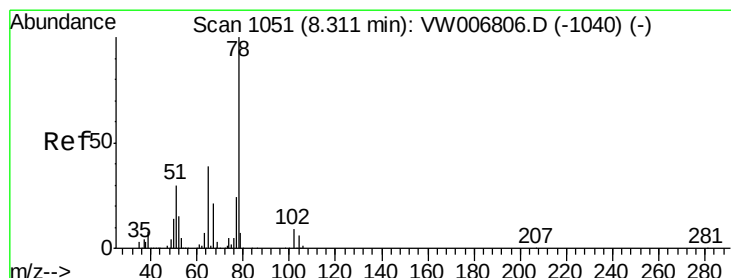
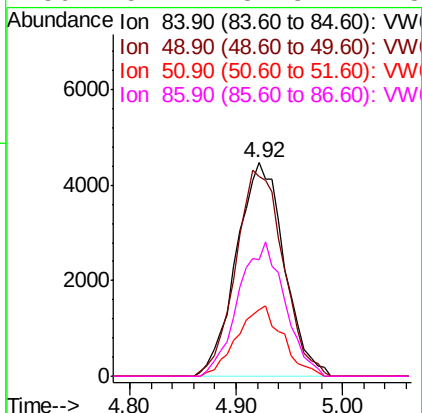
#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Tot Ion:	84	Resp:	14039
Ion	Ratio	Lower	Upper
84	100		
49	93.4	84.8	127.2
51	30.9	26.2	39.4
86	54.4	51.8	77.8

Instrument :
MSVOA_W
ClientSampled :
SB-1

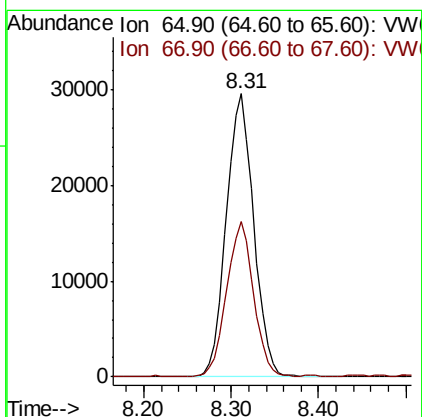
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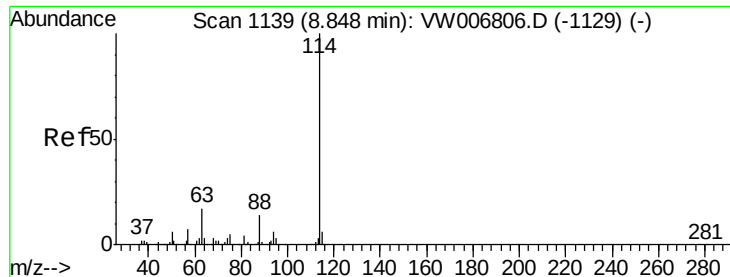
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#33
1,2-Dichloroethane-d4
Concen: 39.169 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Tgt Ion:	65	Resp:	64532
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	104.4





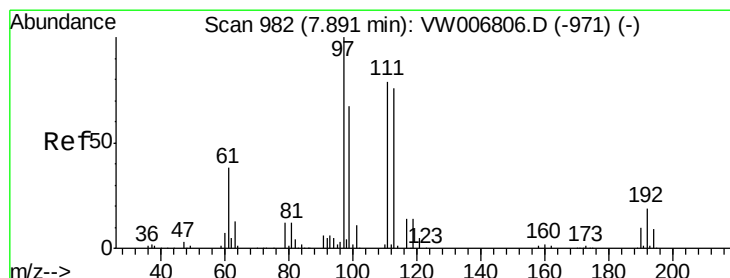
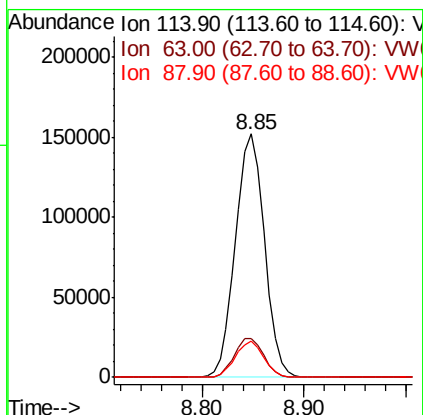
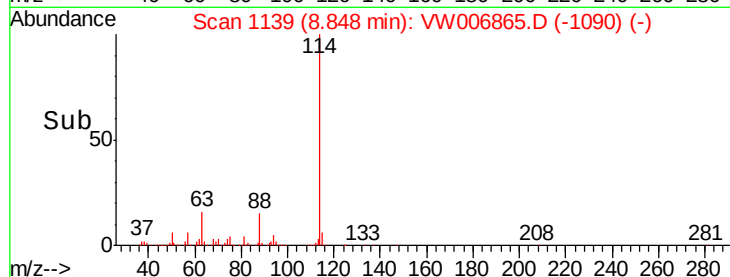
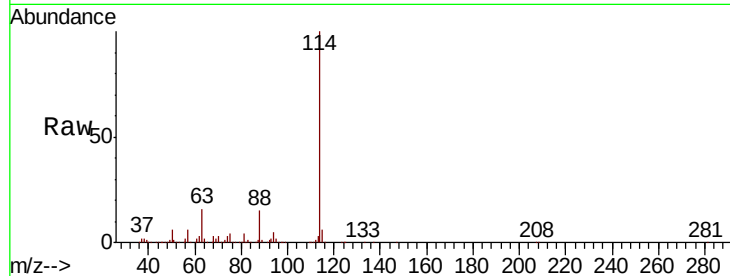
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tot Ion:	114	Resp:	300338
Ion Ratio		Lower	Upper
114	100		
63	16.1	0.0	33.6
88	14.9	0.0	28.4

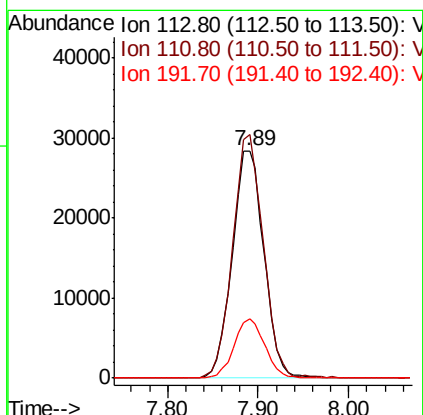
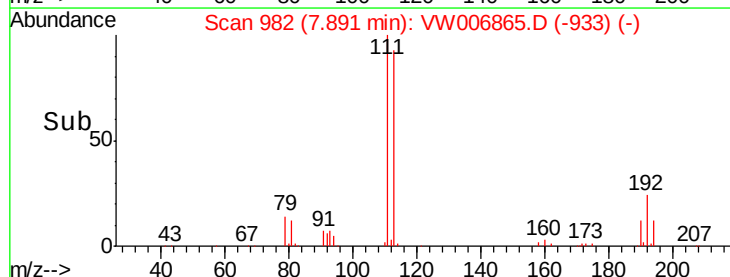
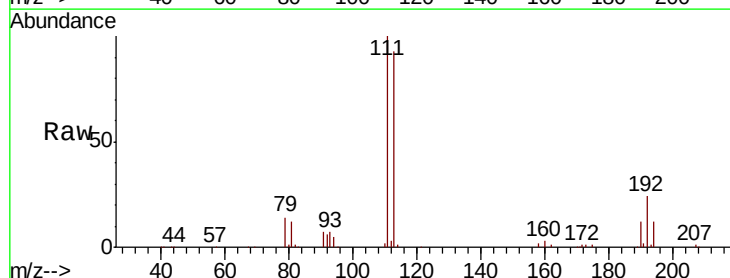
Manual Integrations
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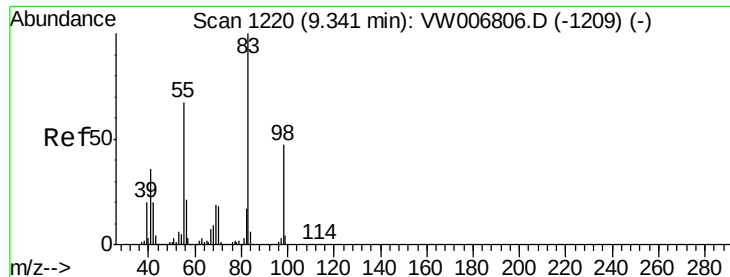
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#35
Dibromofluoromethane
Concen: 38.845 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Tgt Ion:	113	Resp:	69471
Ion Ratio		Lower	Upper
113	100		
111	103.6	81.0	121.6
192	25.0	19.0	28.6





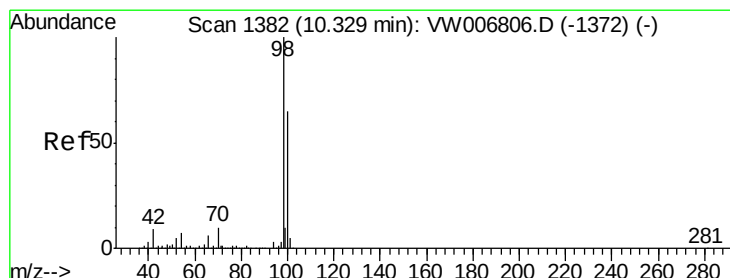
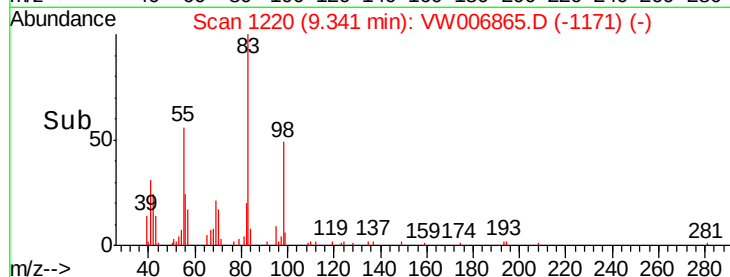
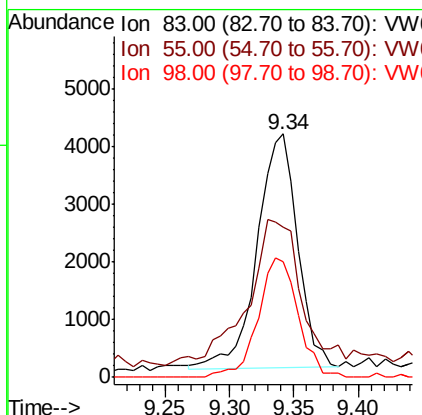
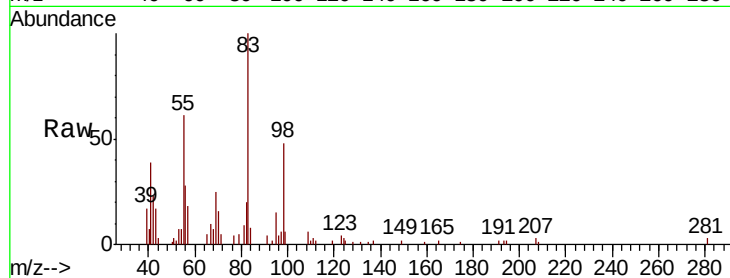
#39
Methvlcvclohexane
Concen: 2.429 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tot Ion	83	Resp	8857
Ion Ratio	100	Lower	Upper
83	100		
55	55.2	53.3	79.9
98	49.8	37.9	56.9

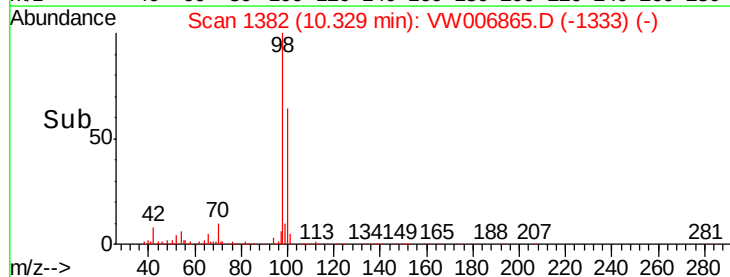
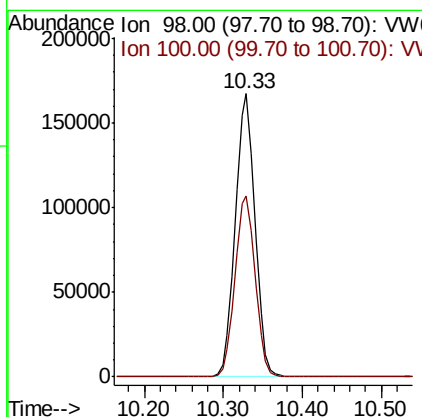
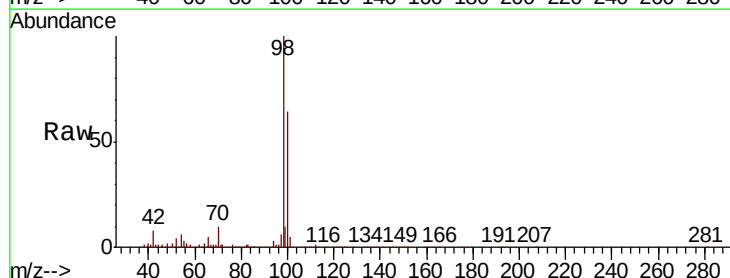
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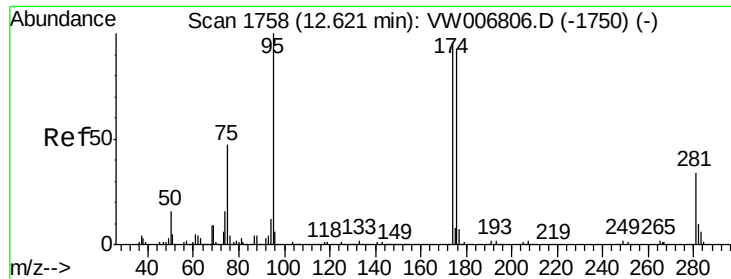
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#50
Toluene-d8
Concen: 39.452 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Tgt Ion	98	Resp	292451
Ion Ratio	100	Lower	Upper
98	100		
100	65.1	51.4	77.2





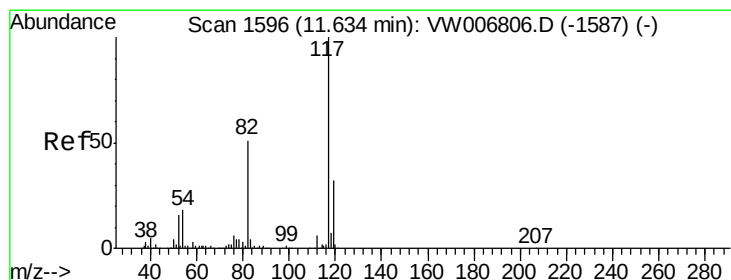
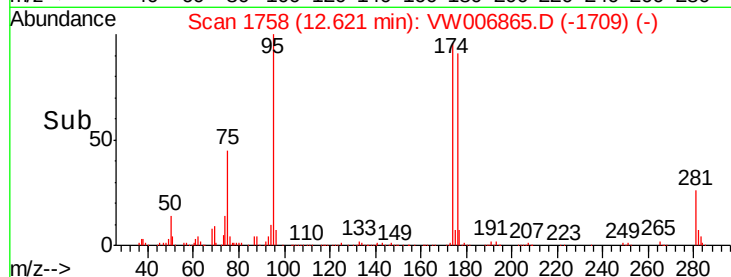
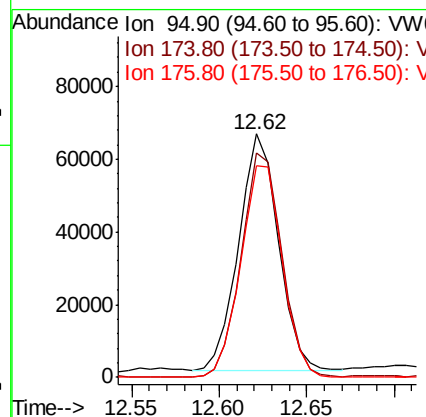
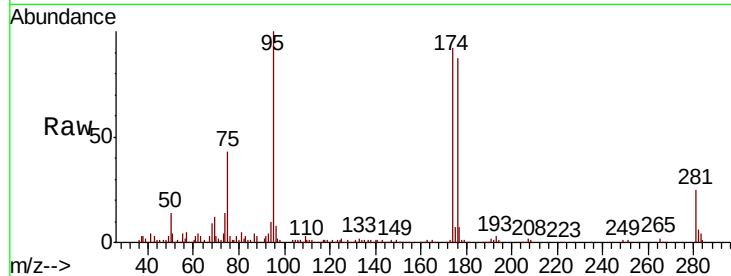
#62
4-Bromofluorobenzene
Concen: 37.862 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Instrument :
MSVOA_W
ClientSampled :
SB-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	103371		
174	96.0	0.0	196.6	
176	93.2	0.0	191.6	

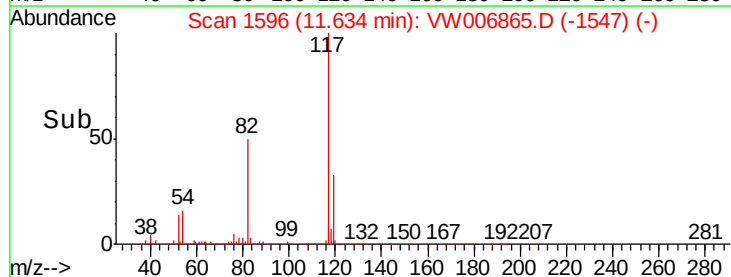
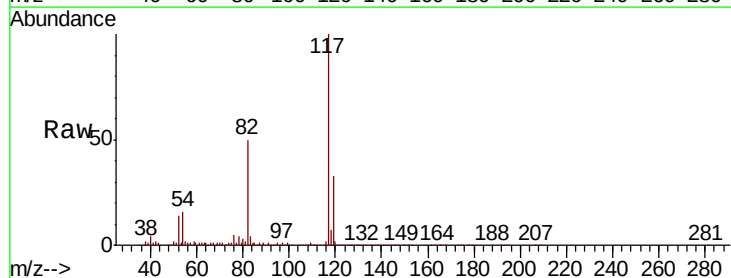
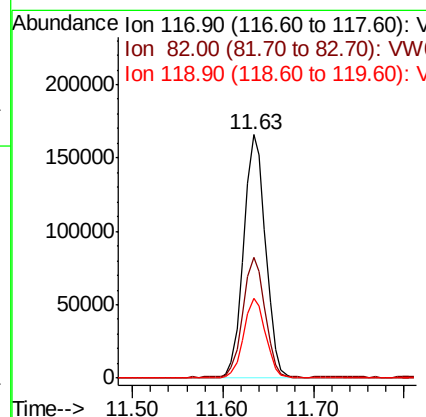
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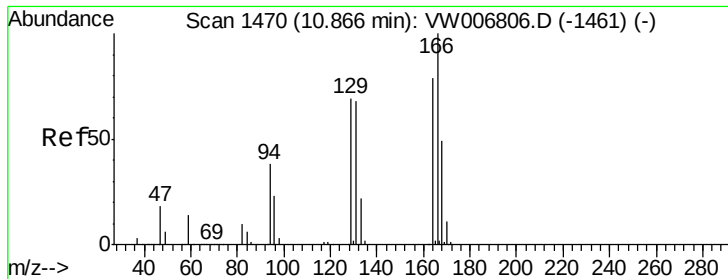
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	277175		
82	49.3	40.6	61.0	
119	32.5	25.5	38.3	





#64

Tetrachloroethene

Concen: 1.456 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006865.D

Acq: 13 Nov 2018 19:52

Instrument :

MSVOA_W

ClientSampleId :

SB-1

Tot Ion:164 Resp: 3234

Ion Ratio Lower Upper

164 100

166 112.0 101.3 151.9

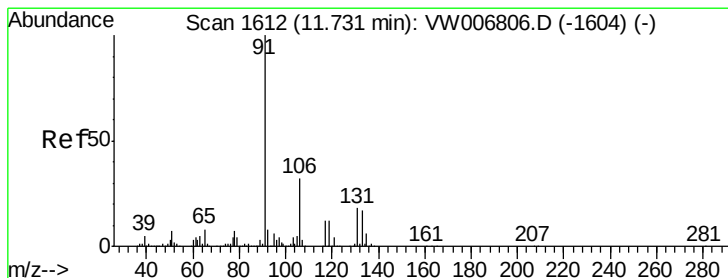
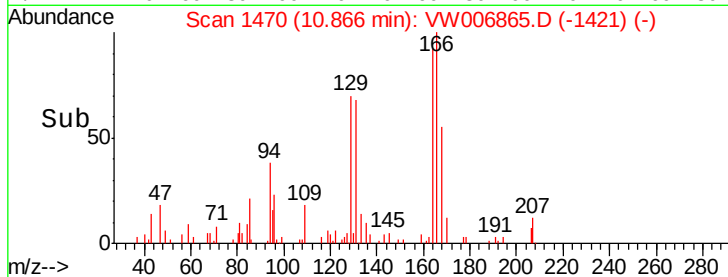
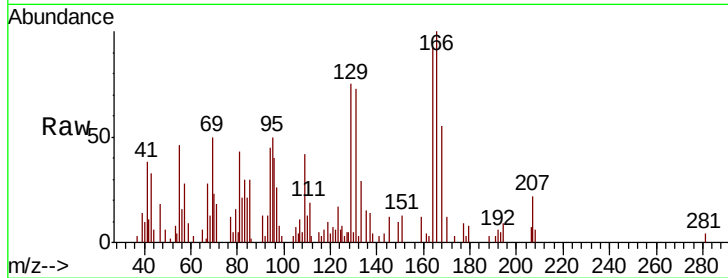
129 74.8 69.6 104.4

131 75.2 68.7 103.1

Manual Integrations
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#67

Ethyl Benzene

Concen: 1.249 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006865.D

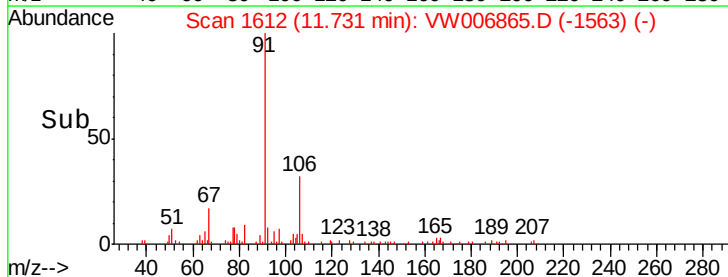
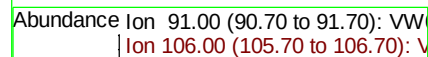
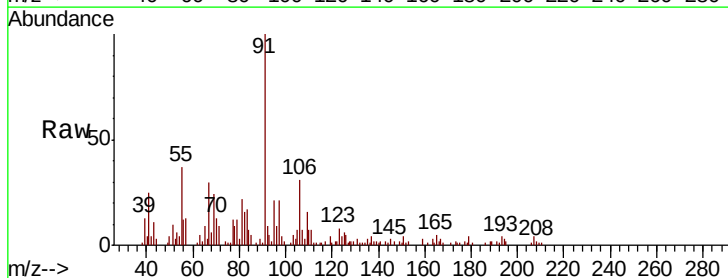
Acq: 13 Nov 2018 19:52

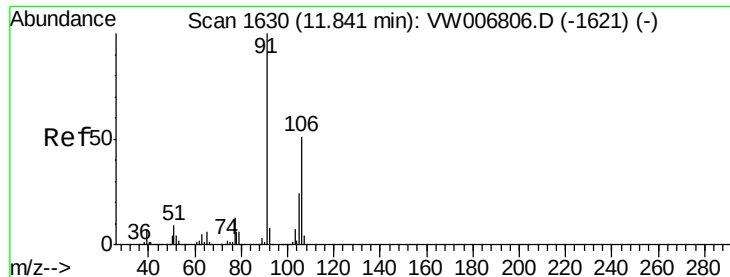
Tgt Ion: 91 Resp: 13091

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0





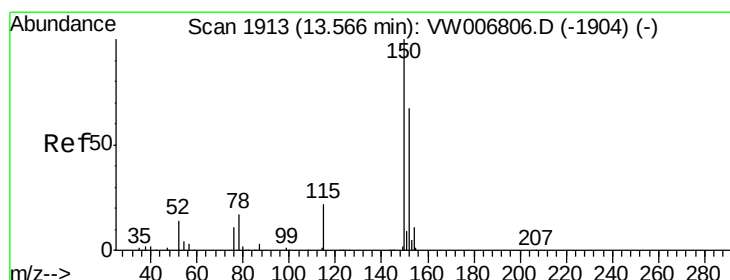
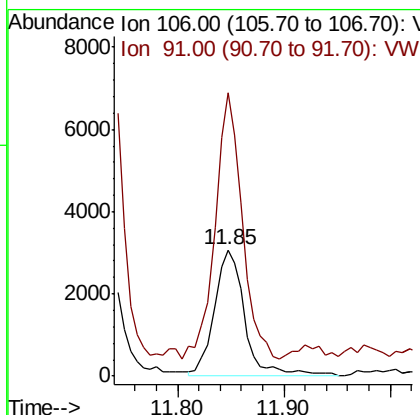
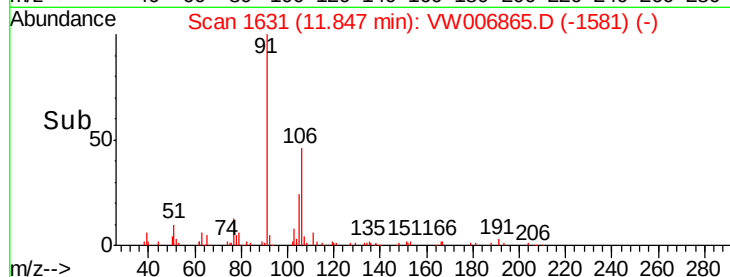
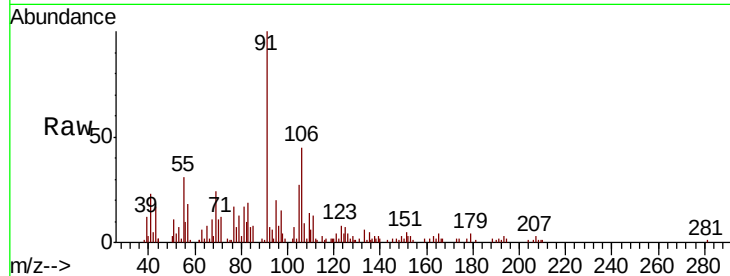
#68
m/p-Xylenes
Concen: 1.426 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Instrument :
MSVOA_W
ClientSampled :
SB-1

Tot Ion:106 Resp: 6115
Ion Ratio Lower Upper
106 100
91 184.5 155.7 233.5

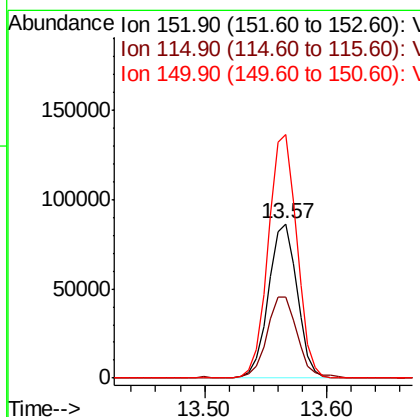
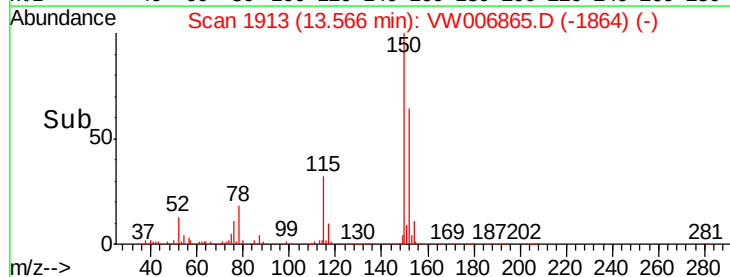
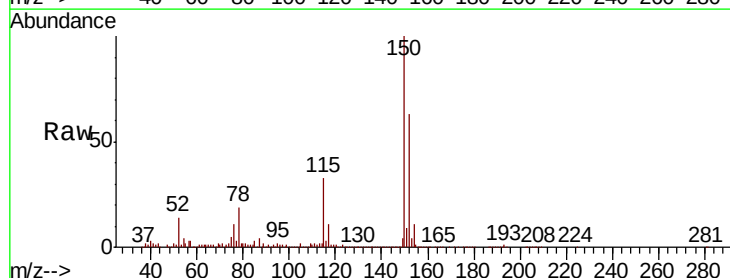
Manual Integrations
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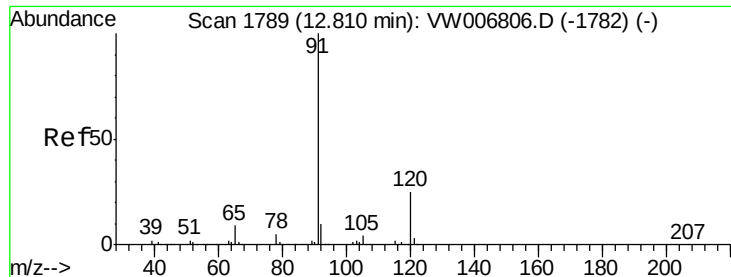
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Tgt Ion:152 Resp: 139841
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.8
150 158.0 0.0 353.0





#78

n-propylbenzene

Concen: 2.659 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006865.D

Acq: 13 Nov 2018 19:52

Instrument :

MSVOA_W

ClientSampled :

SB-1

Tot Ion: 91 Resp: 30464

Ion Ratio Lower Upper

91 100

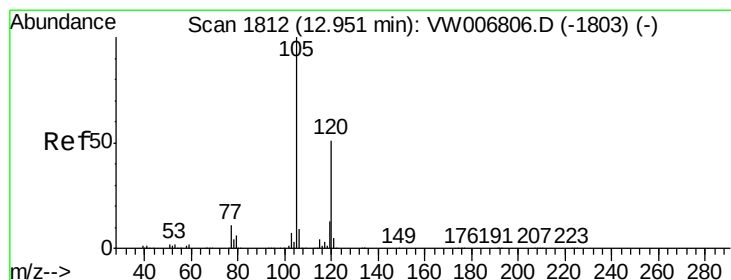
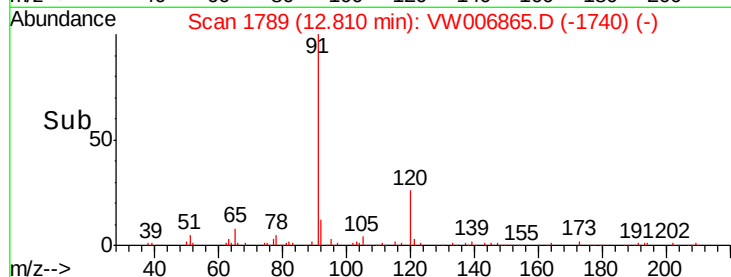
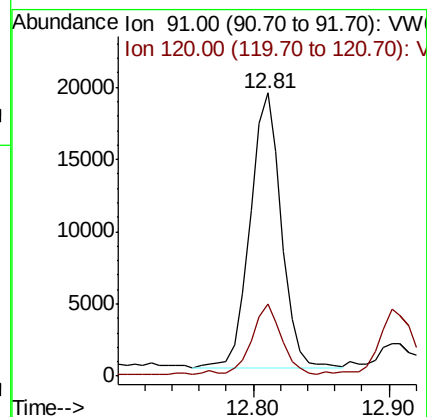
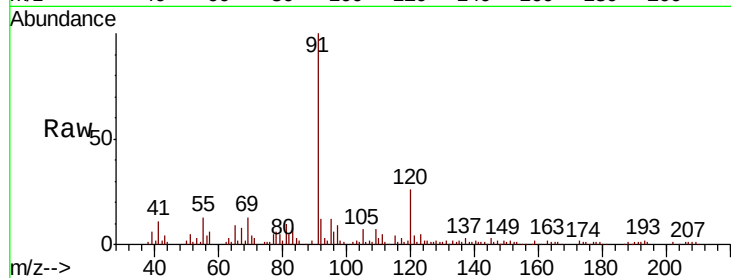
120 24.7 12.4 37.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 2.251 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006865.D

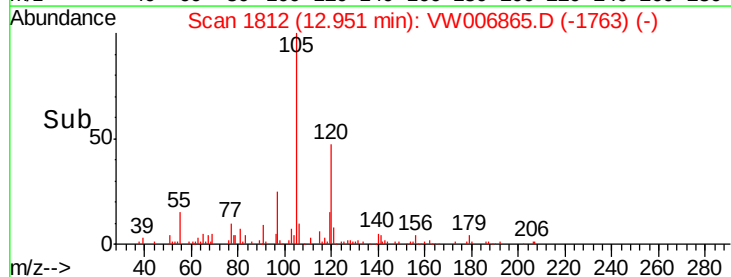
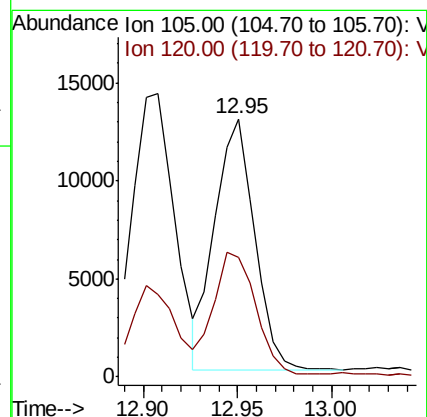
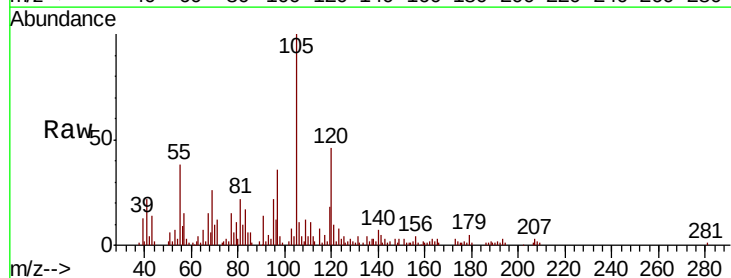
Acq: 13 Nov 2018 19:52

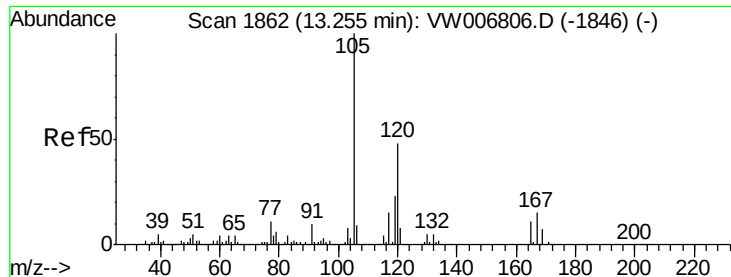
Tgt Ion: 105 Resp: 18781

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.9





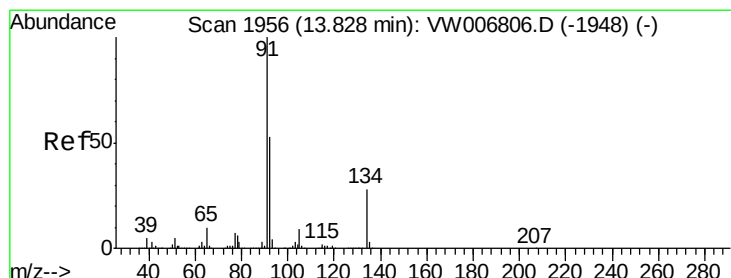
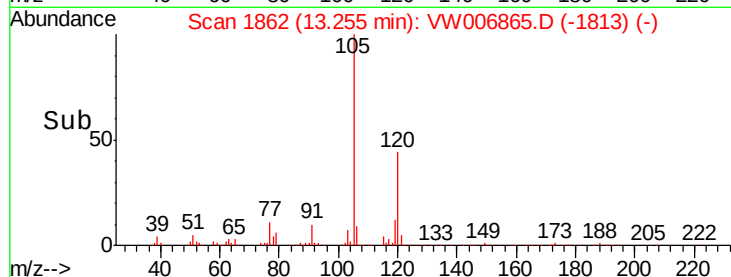
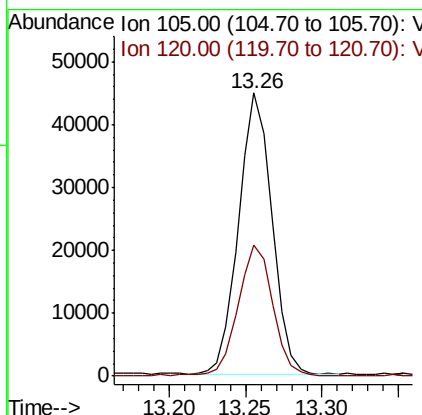
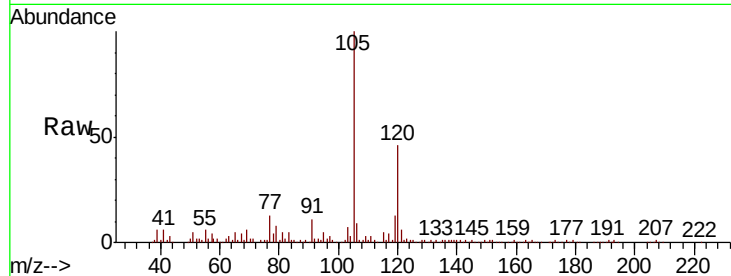
#84
 1,2,4-Trimethylbenzene
 Concen: 7.961 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006865.D
 Acq: 13 Nov 2018 19:52

Instrument :
 MSVOA_W
 ClientSampled :
 SB-1

Tot Ion: 105 Resp: 67602
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.4 70.0

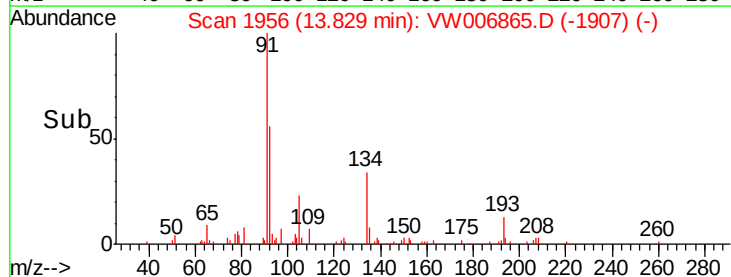
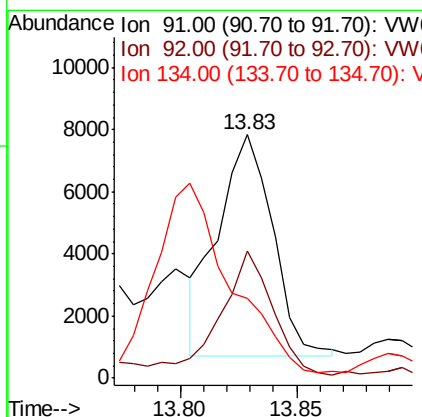
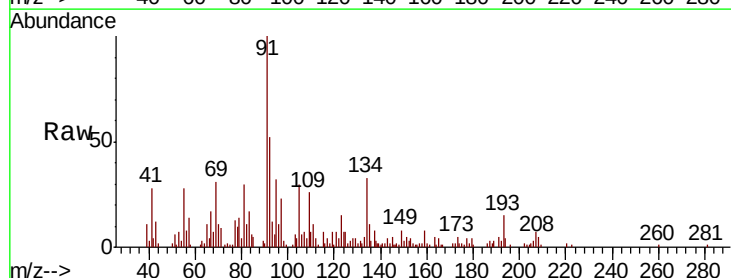
Manual Integrations
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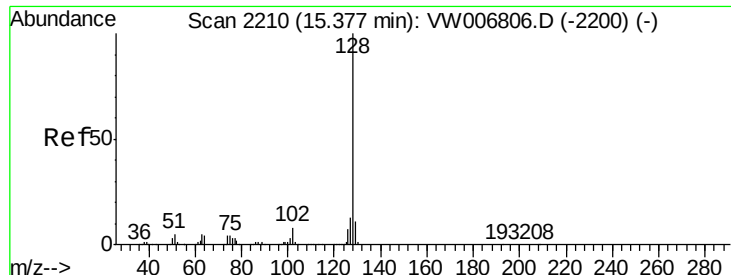
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#89
 n-Butylbenzene
 Concen: 1.327 ug/l m
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW006865.D
 Acq: 13 Nov 2018 19:52

Tgt Ion: 91 Resp: 11531
 Ion Ratio Lower Upper
 91 100
 92 53.5 26.5 79.4
 134 0.0 14.4 43.2#





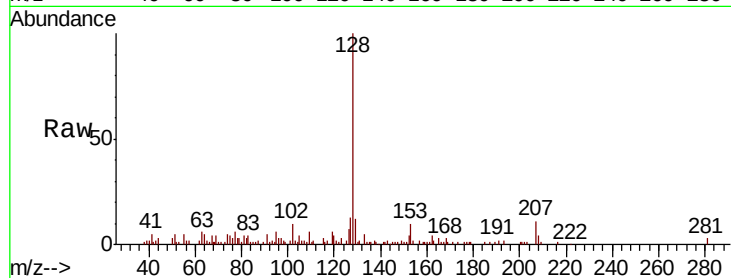
#95
Naphthalene
Concen: 4.340 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006865.D
Acq: 13 Nov 2018 19:52

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

