

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\
 Data File : VW008791.D
 Acq On : 22 Feb 2019 16:02
 Operator : SY/VA
 Sample : K1344-07
 Misc : 6.41G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

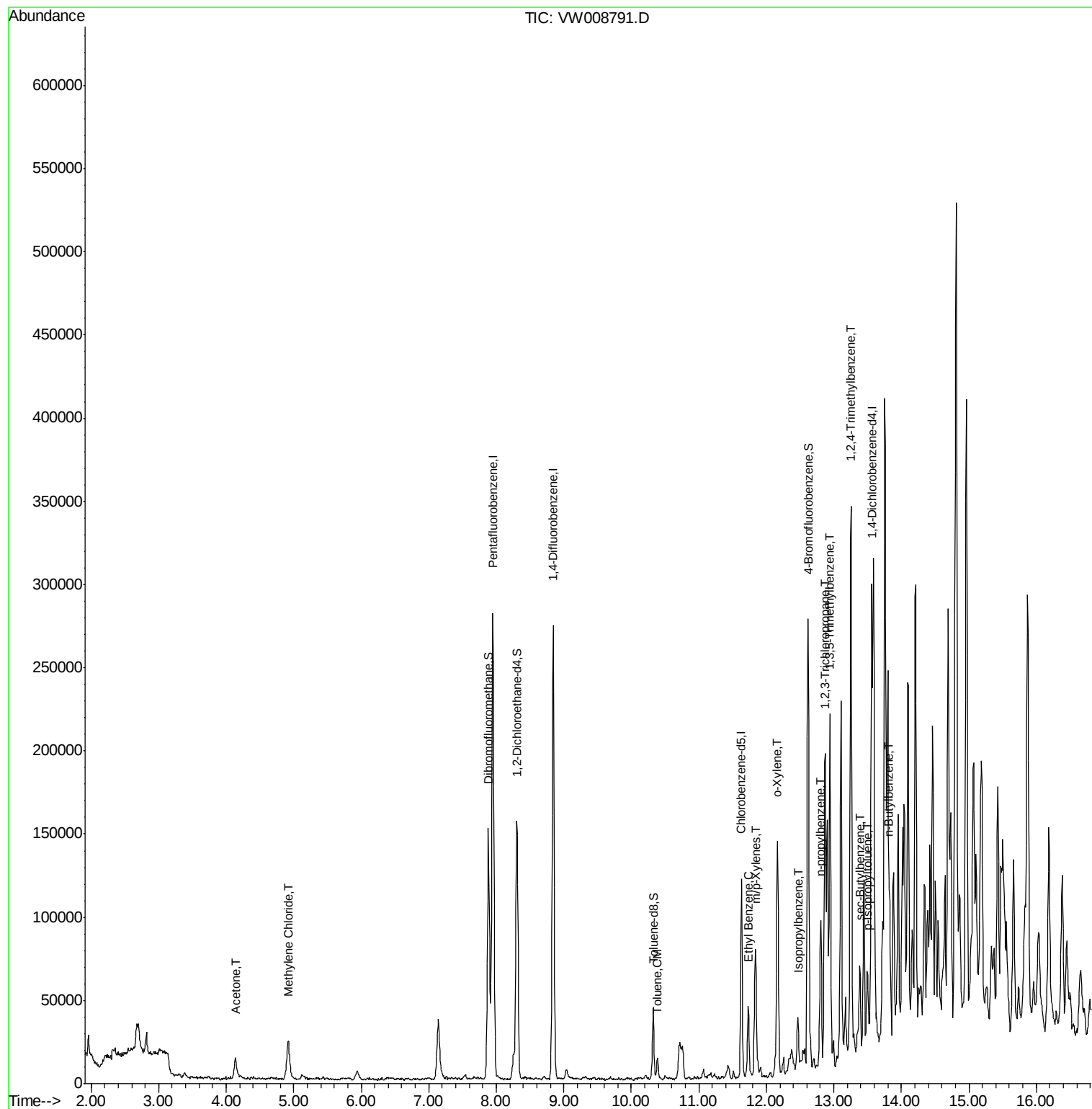
Quant Time: Feb 23 04:04:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

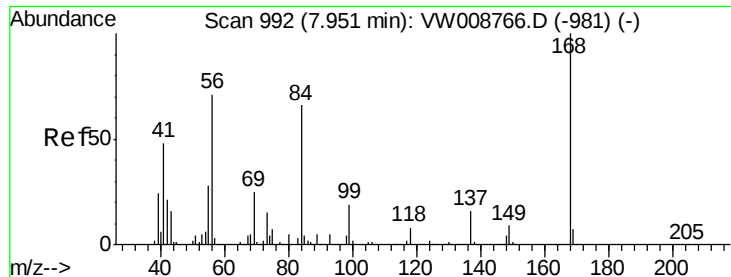
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	224587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	65000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	120300	59.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.02%	
35) Dibromofluoromethane	7.88	113	101723	75.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.88%	
50) Toluene-d8	10.32	98	25489	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
62) 4-Bromofluorobenzene	12.62	95	72992	35.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	21424	45.726	ug/l	99
20) Methylene Chloride	4.92	84	15475	1.777	ug/l	89
52) Toluene	10.38	92	5376	1.327	ug/l	100
67) Ethyl Benzene	11.73	91	26367	10.792	ug/l	89
68) m/p-Xylenes	11.83	106	19416	19.889	ug/l	96
69) o-Xylene	12.16	106	36490	39.823	ug/l	99
73) Isopropylbenzene	12.47	105	18476	4.121	ug/l	96
76) 1,2,3-Trichloropropane	12.87	75	1824	3.378	ug/l #	100
78) n-propylbenzene	12.81	91	69040	12.590	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	83259	21.372	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	175365	43.485	ug/l	98
85) sec-Butylbenzene	13.38	105	30421	6.281	ug/l	86
86) p-Isopropyltoluene	13.51	119	19639	4.423	ug/l	98
89) n-Butylbenzene	13.82	91	59983	14.419	ug/l #	70

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

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Quant Time: Feb 23 04:04:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008791.D

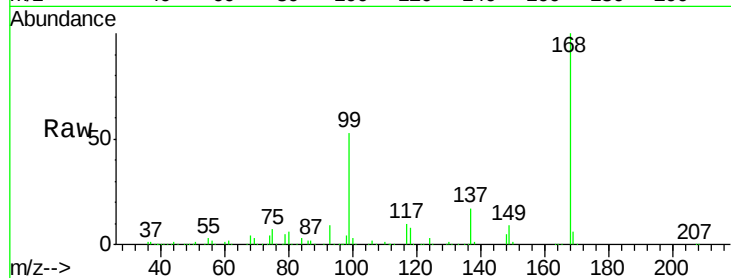
Acq: 22 Feb 2019 16:02

Tot Ion:168 Resp: 215516

Ion Ratio Lower Upper

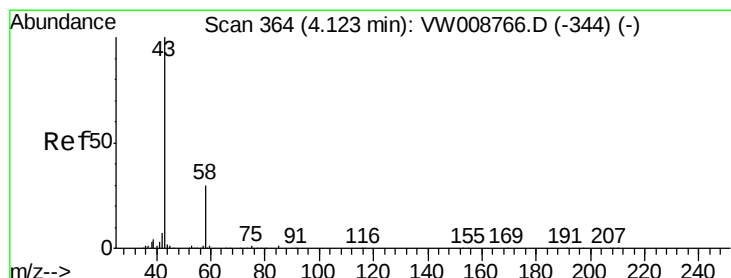
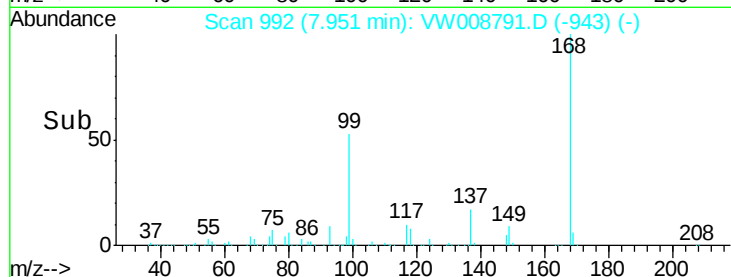
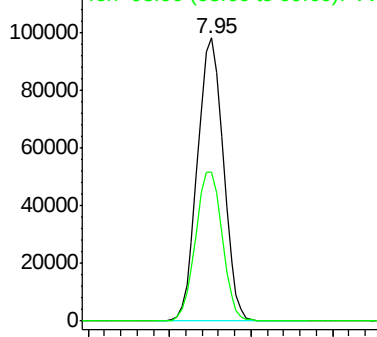
168 100

99 52.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 45.726 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW008791.D

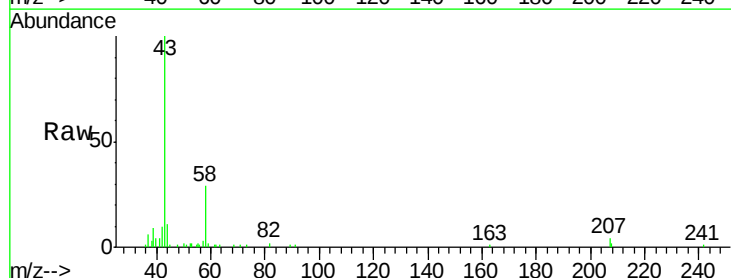
Acq: 22 Feb 2019 16:02

Tgt Ion: 43 Resp: 21424

Ion Ratio Lower Upper

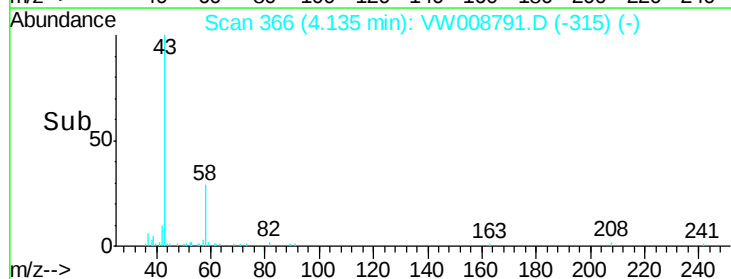
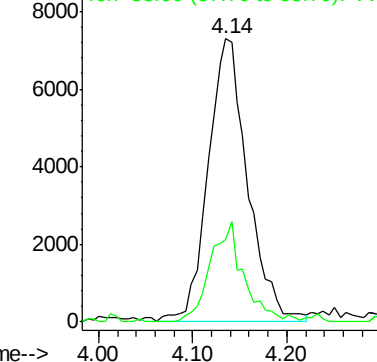
43 100

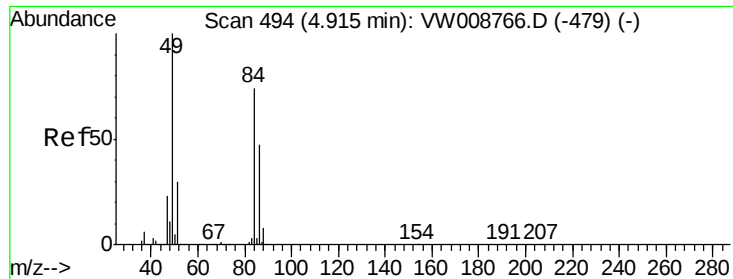
58 29.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

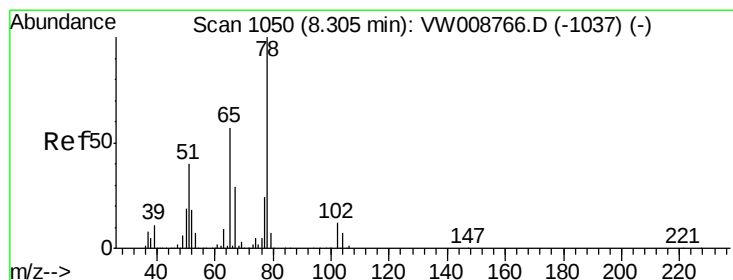
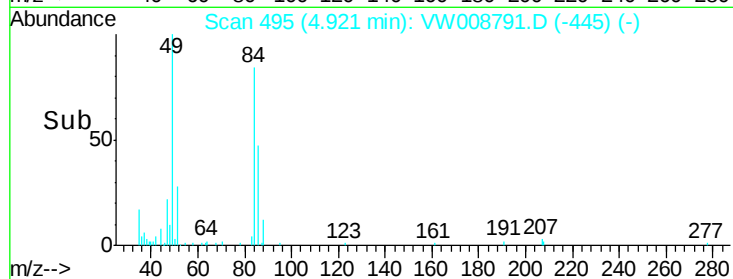
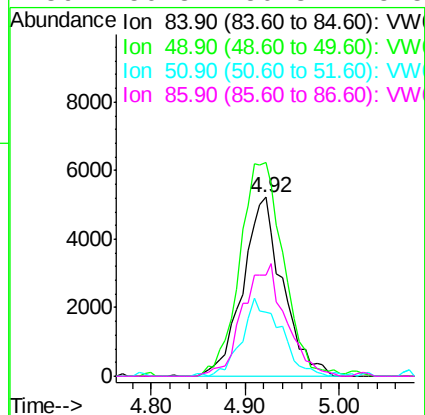
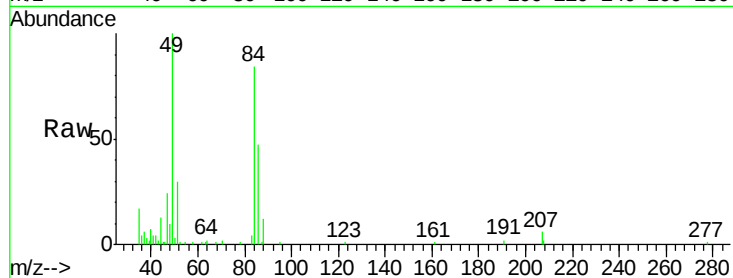




#20
Methylene Chloride
Concen: 1.777 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tot Ion: 84 Resp: 15475

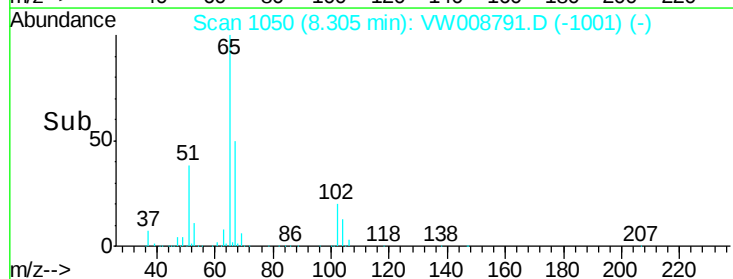
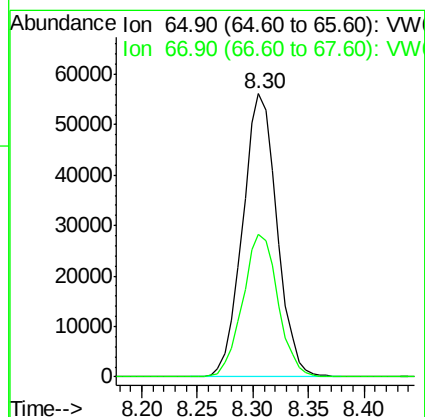
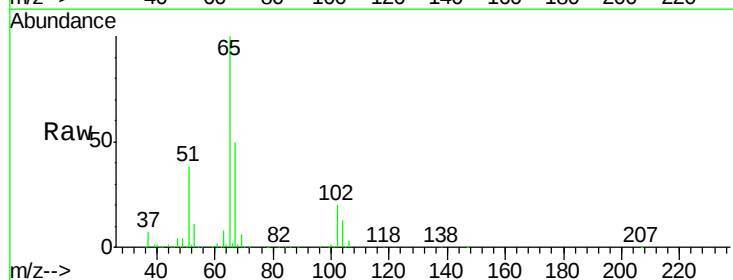
Ion	Ratio	Lower	Upper
84	100		
49	119.6	108.2	162.2
51	36.0	32.7	49.1
86	56.3	50.3	75.5

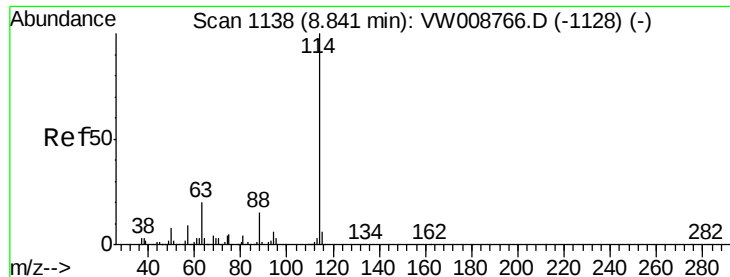


#33
1,2-Dichloroethane-d4
Concen: 59.515 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tgt Ion: 65 Resp: 120300

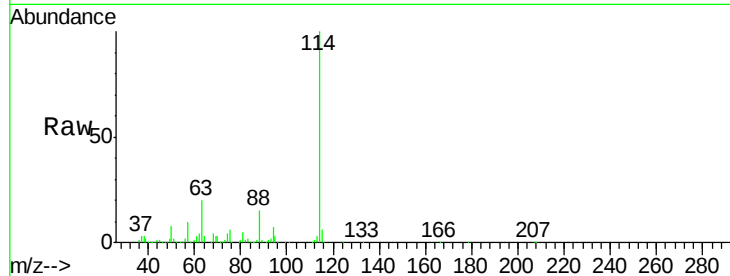
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.4



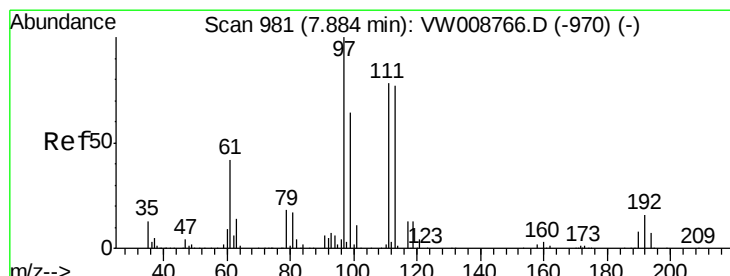
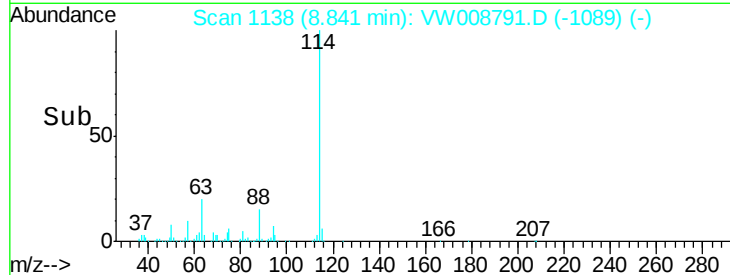
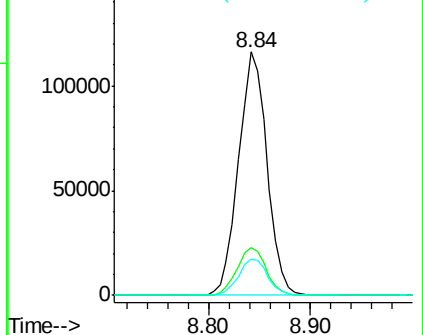


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tot Ion:114	Resp:	224587
Ion Ratio	Lower	Upper
114	100	
63	19.7	0.0 40.8
88	14.8	0.0 30.4

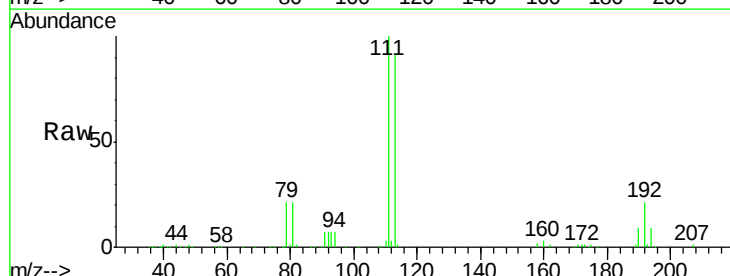


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

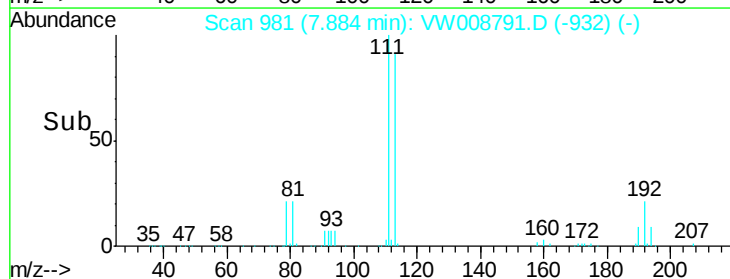
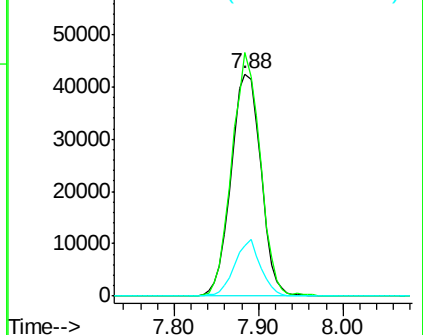


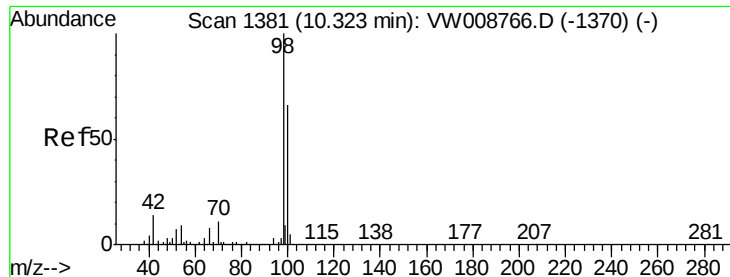
#35
Dibromofluoromethane
Concen: 75.437 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tgt Ion:113	Resp:	101723
Ion Ratio	Lower	Upper
113	100	
111	104.0	81.9 122.9
192	22.1	17.1 25.7



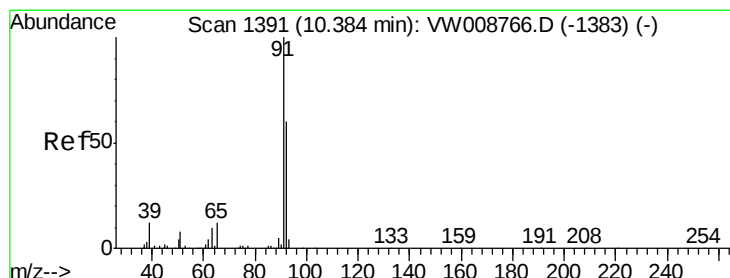
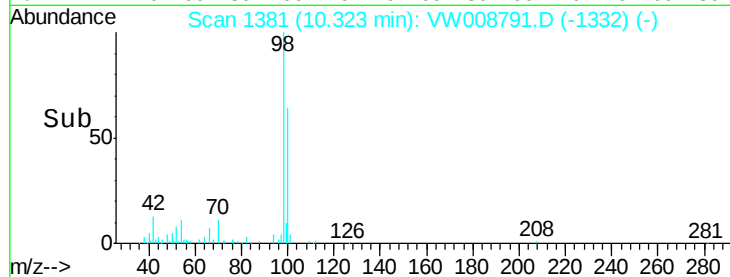
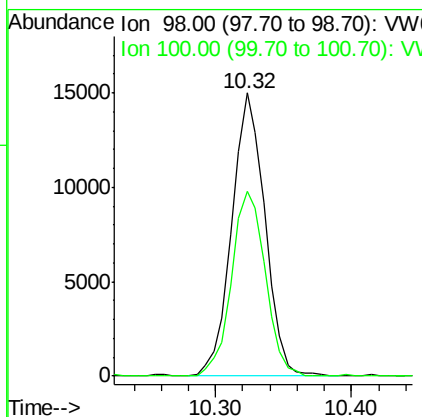
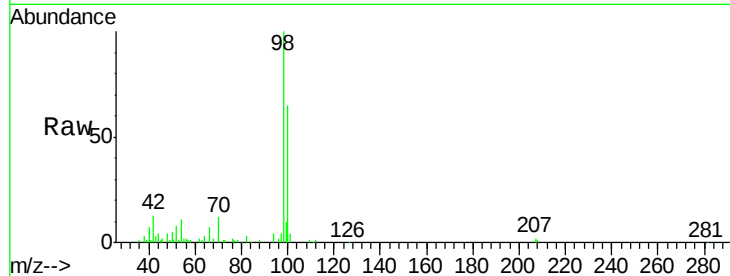
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





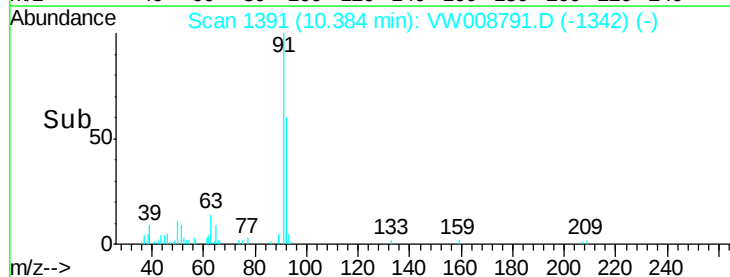
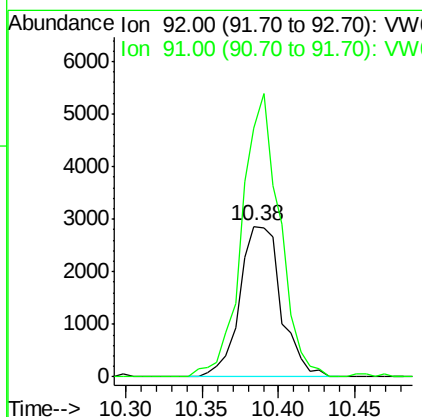
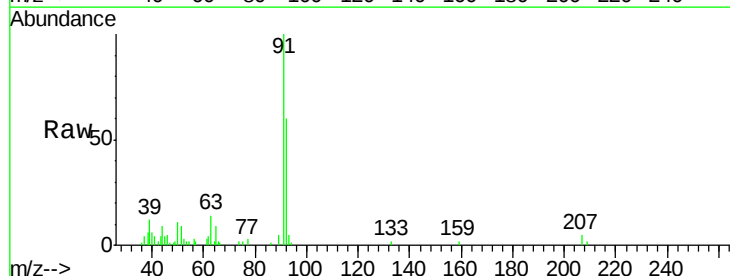
#50
Toluene-d8
Concen: 4.897 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

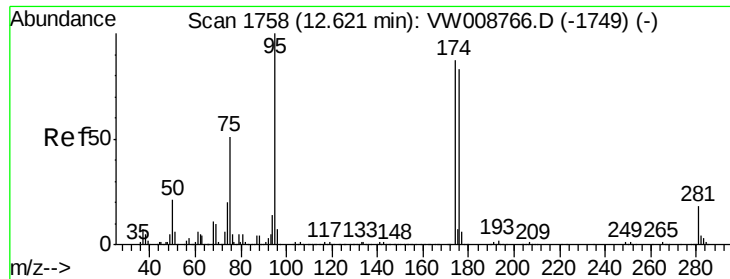
Tot Ion: 98 Resp: 25489
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#52
Toluene
Concen: 1.327 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

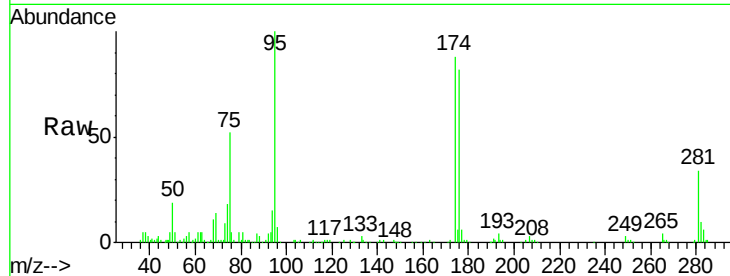
Tgt Ion: 92 Resp: 5376
Ion Ratio Lower Upper
92 100
91 171.6 136.9 205.3



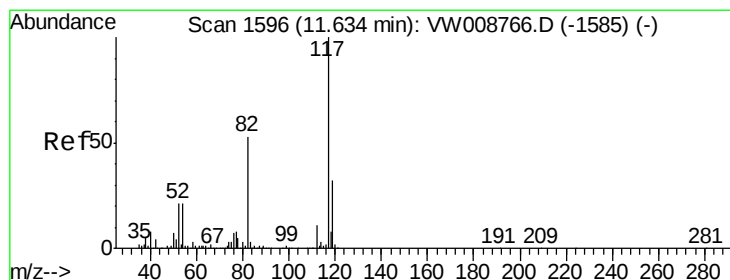
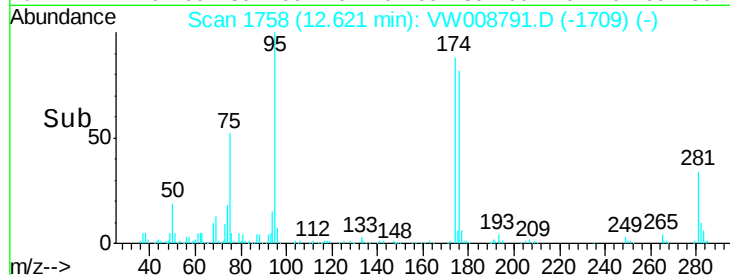
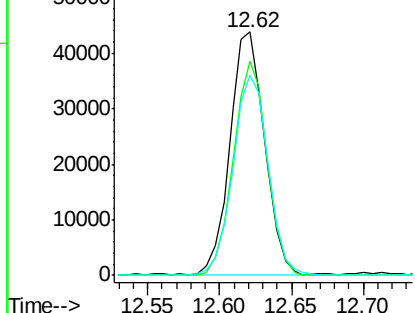


#62
4-Bromofluorobenzene
Concen: 35.813 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tot Ion	95	Resp	72992
Ion Ratio	Lower	Upper	
95	100		
174	85.8	0.0	169.2
176	83.7	0.0	163.6

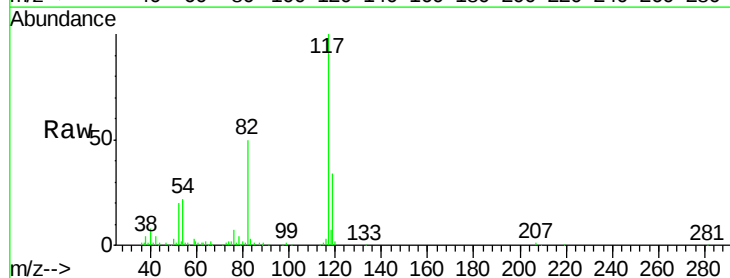


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

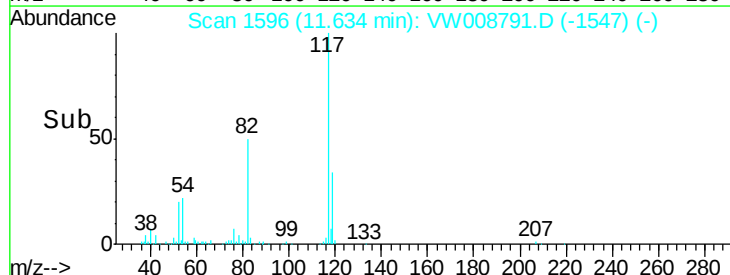
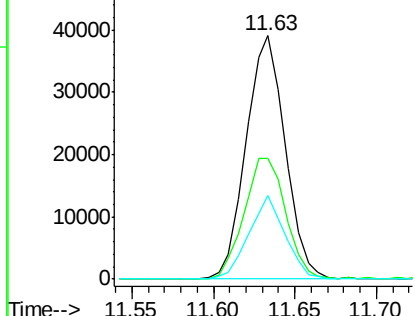


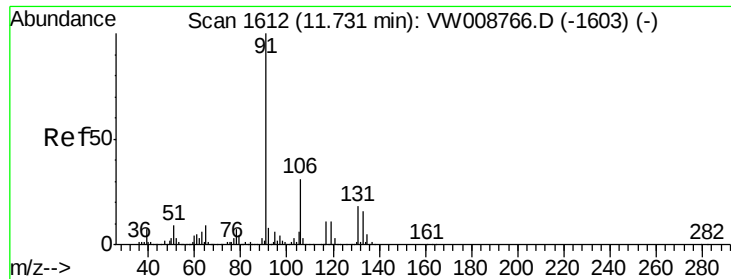
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tgt Ion	117	Resp	65000
Ion Ratio	Lower	Upper	
117	100		
82	49.4	42.2	63.4
119	34.1	25.9	38.9



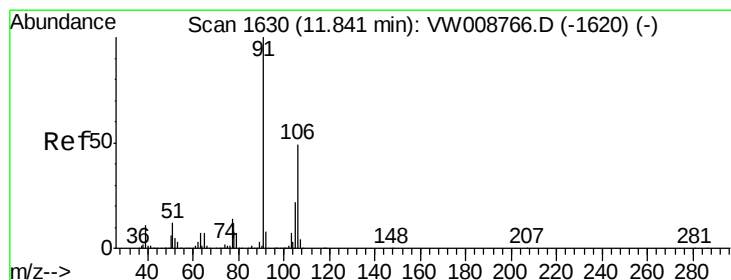
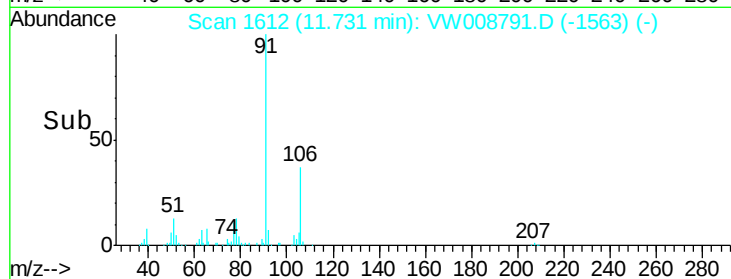
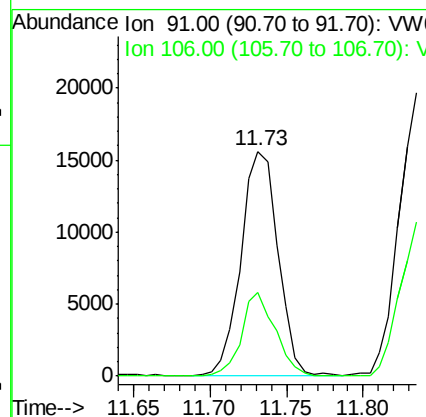
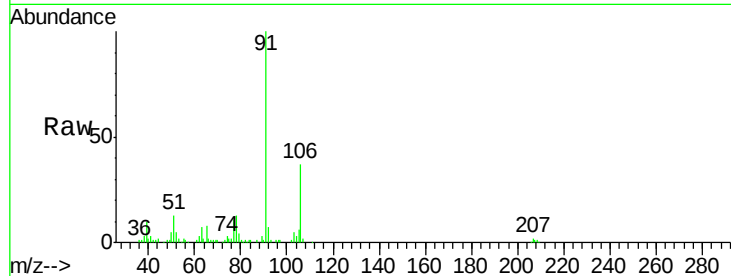
Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





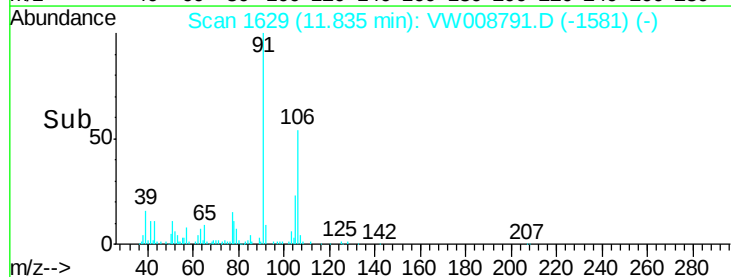
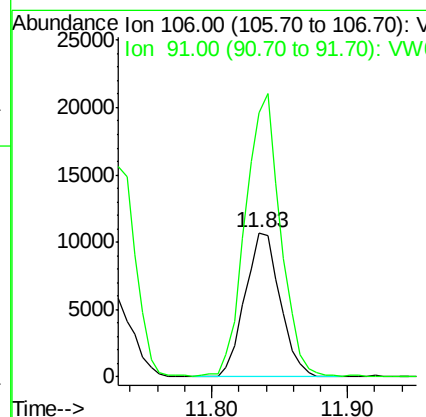
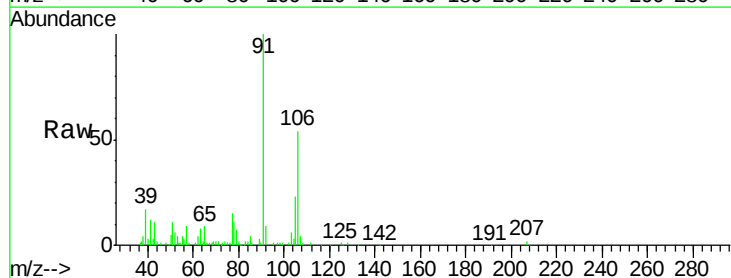
#67
Ethyl Benzene
Concen: 10.792 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

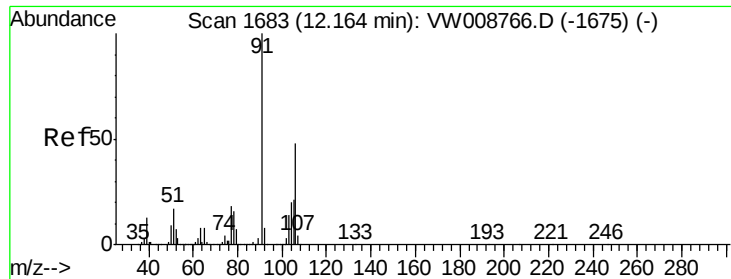
Tot Ion: 91 Resp: 26367
Ion Ratio Lower Upper
91 100
106 37.2 25.0 37.6



#68
m/p-Xylenes
Concen: 19.889 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

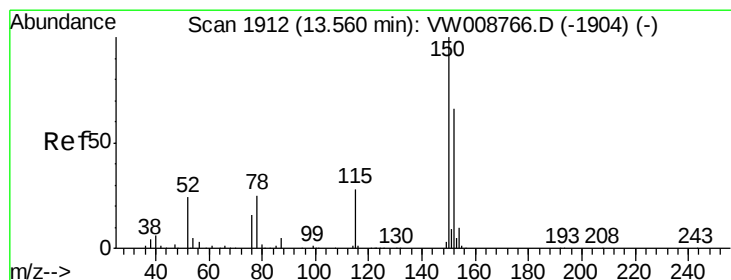
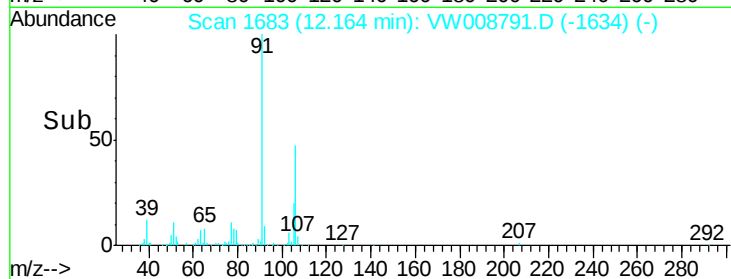
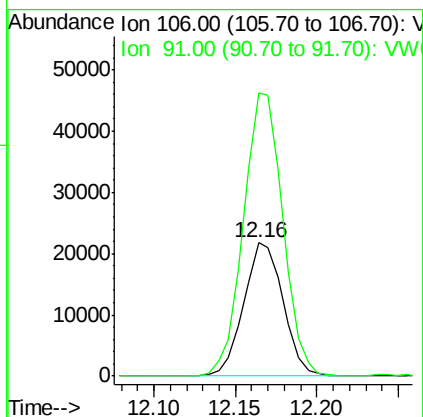
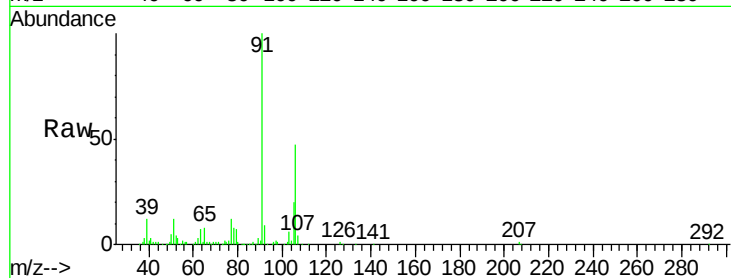
Tgt Ion: 106 Resp: 19416
Ion Ratio Lower Upper
106 100
91 196.1 161.5 242.3





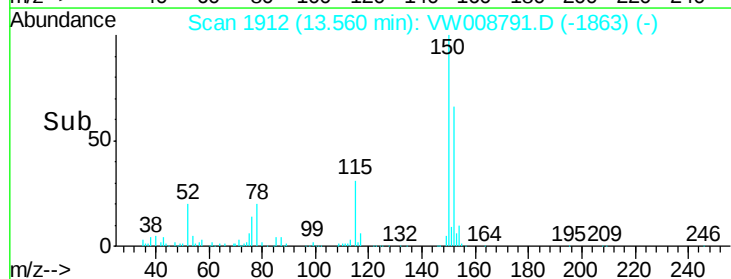
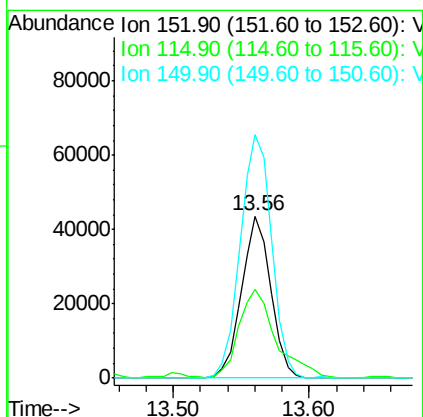
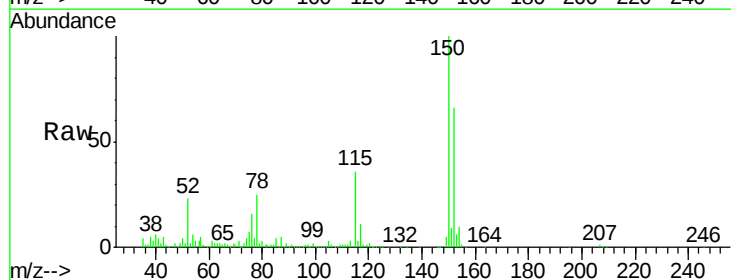
#69
o-Xylene
Concen: 39.823 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

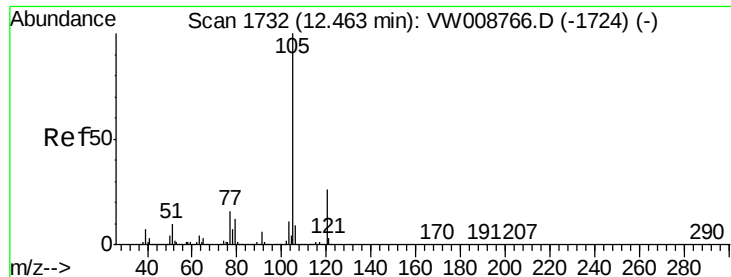
Tot Ion:106 Resp: 36490
Ion Ratio Lower Upper
106 100
91 213.3 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tgt Ion:152 Resp: 65393
Ion Ratio Lower Upper
152 100
115 69.4 28.6 85.8
150 161.1 0.0 348.0





#73

Isopropylbenzene

Concen: 4.121 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008791.D

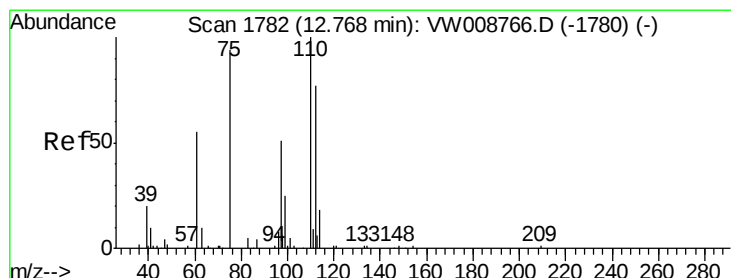
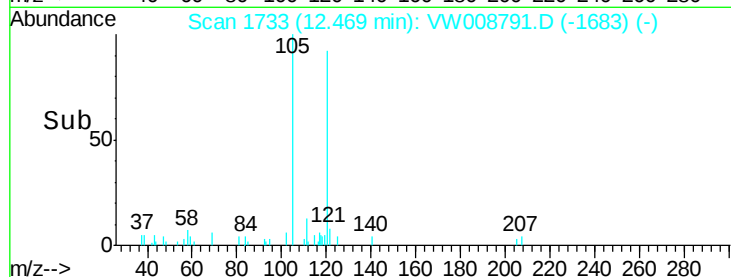
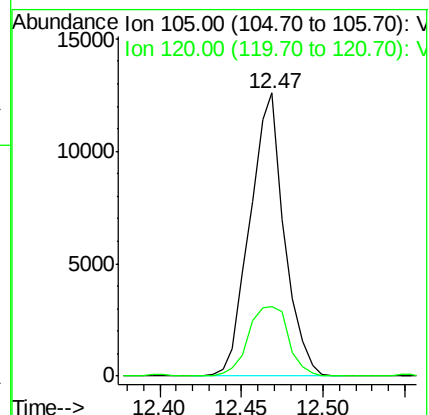
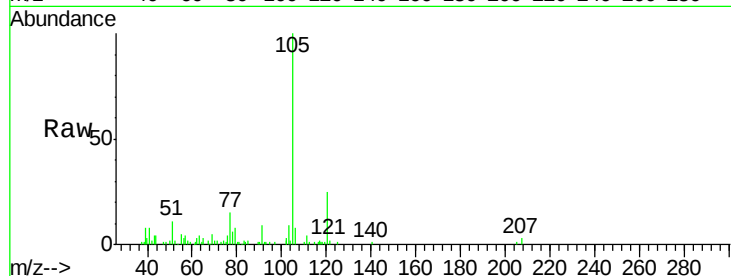
Acq: 22 Feb 2019 16:02

Tot Ion: 105 Resp: 18476

Ion Ratio Lower Upper

105 100

120 28.8 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 3.378 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. 0.10 min

Lab File: VW008791.D

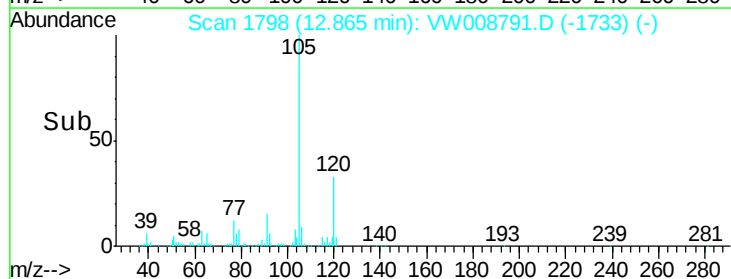
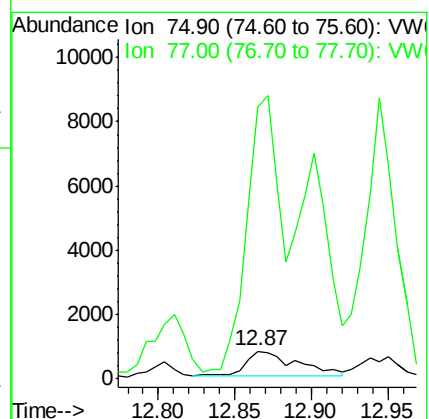
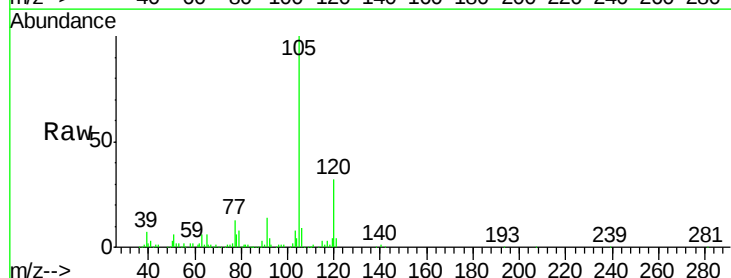
Acq: 22 Feb 2019 16:02

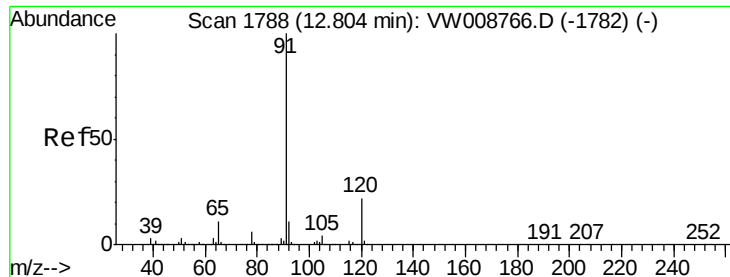
Tgt Ion: 75 Resp: 1824

Ion Ratio Lower Upper

75 100

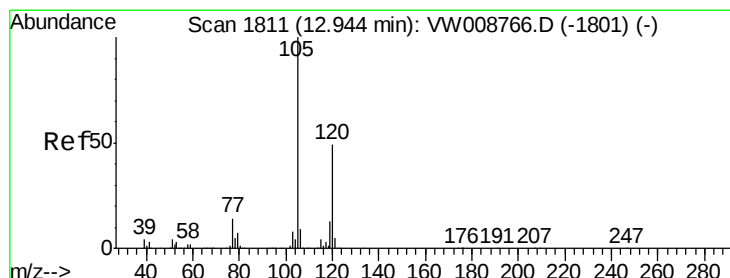
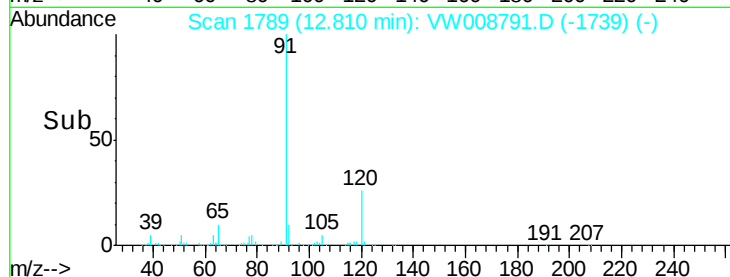
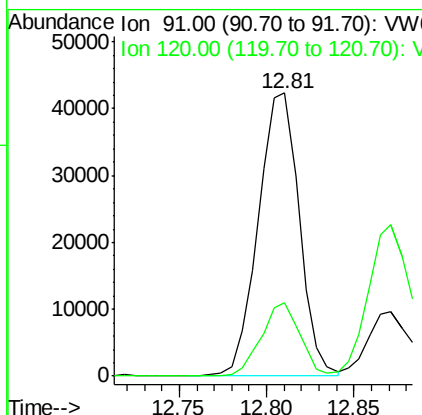
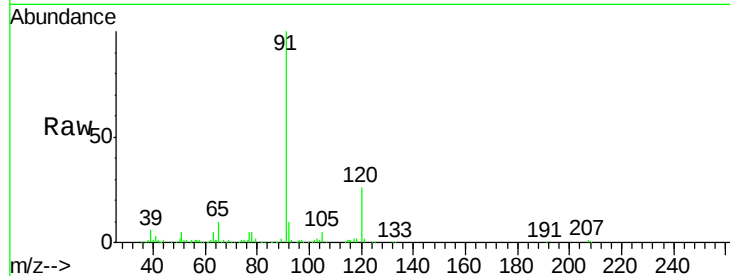
77 725.7 0.0 0.0#





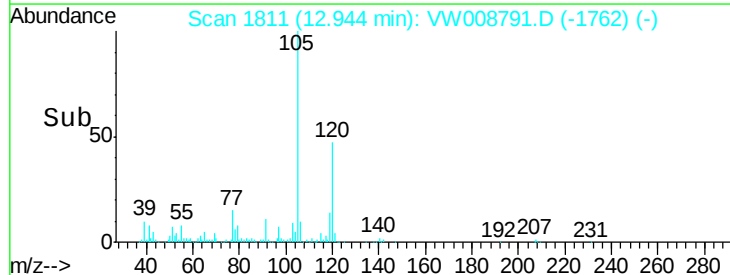
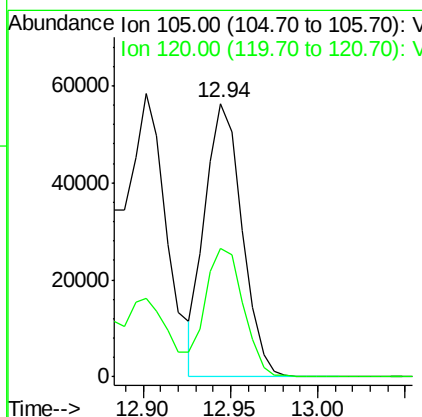
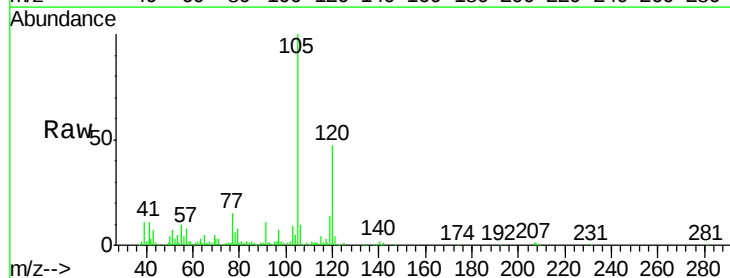
#78
n-propylbenzene
Concen: 12.590 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

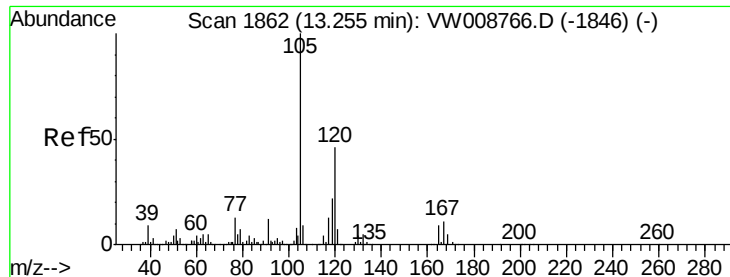
Tot Ion: 91 Resp: 69040
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 21.372 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

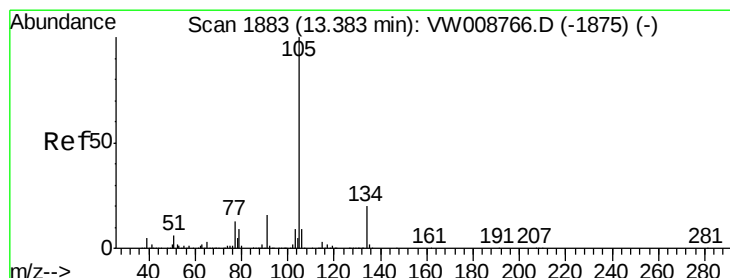
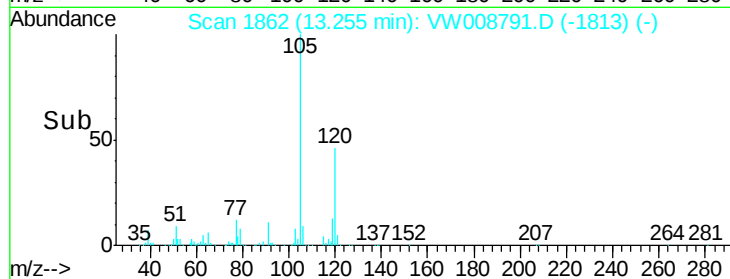
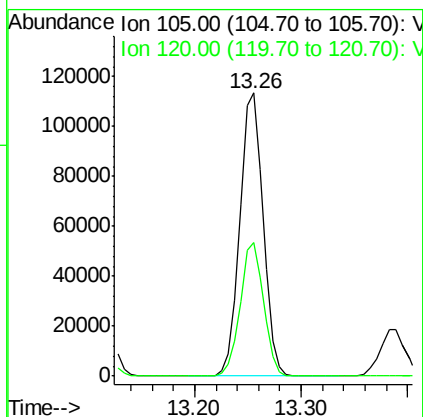
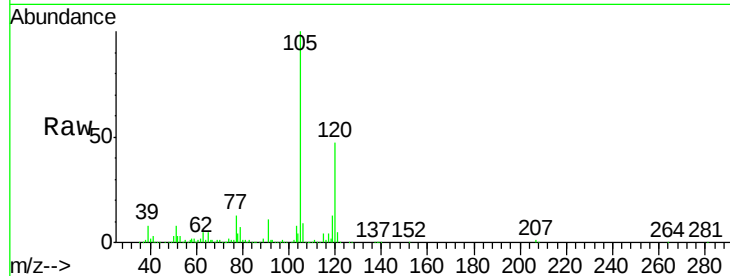
Tgt Ion: 105 Resp: 83259
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4





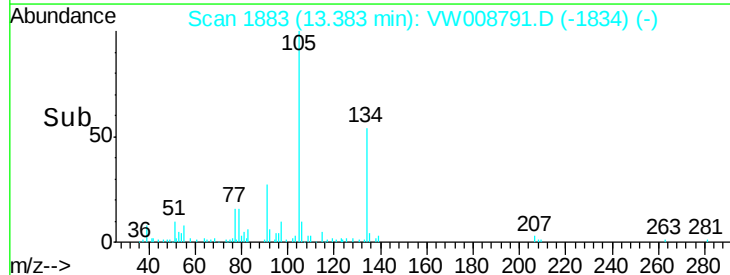
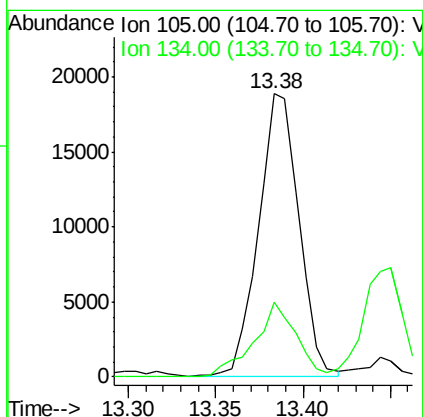
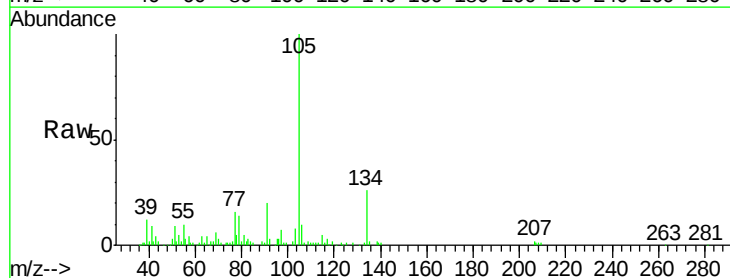
#84
 1,2,4-Trimethylbenzene
 Concen: 43.485 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008791.D
 Acq: 22 Feb 2019 16:02

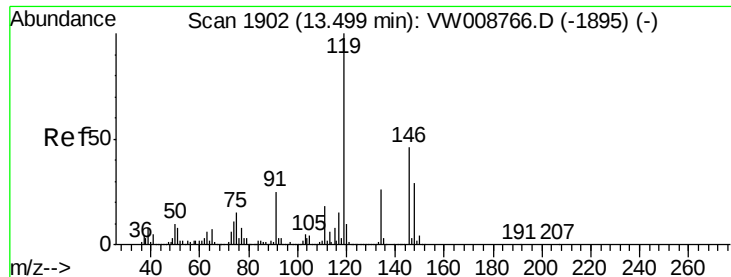
Tot Ion:105 Resp: 175365
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 6.281 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008791.D
 Acq: 22 Feb 2019 16:02

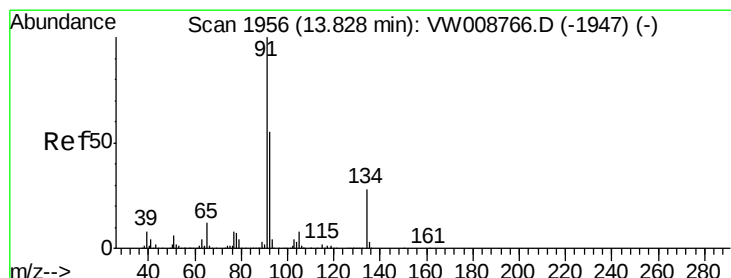
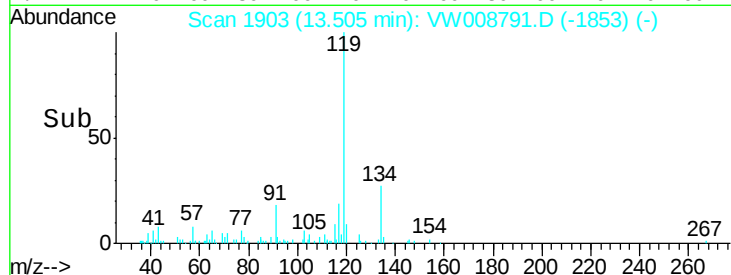
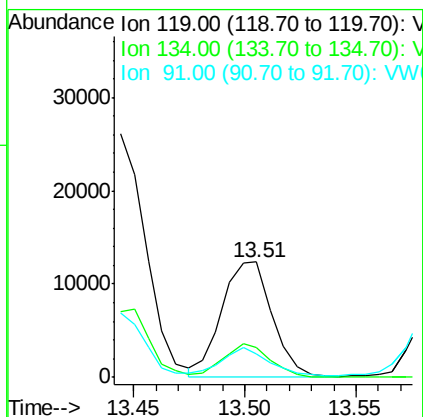
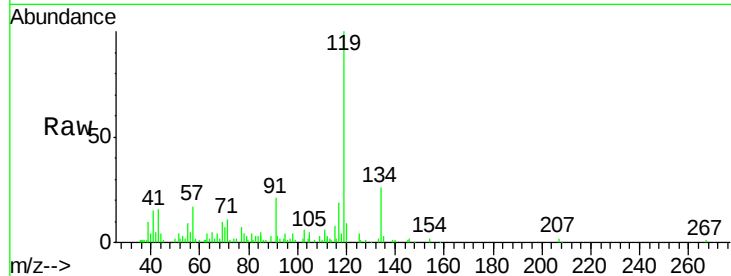
Tgt Ion:105 Resp: 30421
 Ion Ratio Lower Upper
 105 100
 134 27.3 10.4 31.1





#86
p-Isopropyltoluene
Concen: 4.423 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.1	39.3
91	22.9	12.1	36.3



#89
n-Butylbenzene
Concen: 14.419 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VW008791.D
Acq: 22 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.6	26.8	80.4
134	0.0	13.5	40.4#

