

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022219\
 Data File : VW008789.D
 Acq On : 22 Feb 2019 15:11
 Operator : SY/VA
 Sample : K1546-07
 Misc : 5.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 23 03:25:19 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	23423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	33769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	12291	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
35) Dibromofluoromethane	7.88	113	10366	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.32	98	23010	29.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.80%	
62) 4-Bromofluorobenzene	12.62	95	8233	26.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.74%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	345	1.208	ug/l #	72
5) Bromomethane	2.75	94	355	1.581	ug/l #	4
6) Chloroethane	2.91	64	447	2.082	ug/l #	43
10) Methyl Iodide	4.29	142	742	2.555	ug/l #	64
11) Tert butyl alcohol	5.16	59	31	1.585	ug/l #	70
13) Acrolein	3.86	56	145	26.253	ug/l #	58
15) Acrylonitrile	5.36	53	189	3.638	ug/l #	16
16) Acetone	4.13	43	2948	57.893	ug/l #	72
18) Methyl Acetate	4.67	43	123	1.018	ug/l	90
20) Methylene Chloride	4.91	84	2062	3.465	ug/l #	58
21) trans-1,2-Dichloroethene	5.40	96	284	1.197	ug/l #	1
25) 2-Butanone	7.16	43	392	5.506	ug/l #	51
29) Tetrahydrofuran	7.54	42	434	9.566	ug/l #	55
31) Cyclohexane	7.95	56	789	1.905	ug/l #	79
40) Benzene	8.33	78	1697	1.891	ug/l	91
41) Methacrylonitrile	7.52	41	428	4.763	ug/l #	55
48) Methyl methacrylate	9.45	41	222	1.519	ug/l #	63
49) 1,4-Dioxane	9.49	88	46	23.284	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	231	1.491	ug/l #	38
52) Toluene	10.39	92	9242	15.173	ug/l	93
67) Ethyl Benzene	11.74	91	1377	1.508	ug/l #	74
68) m/p-Xylenes	11.84	106	717	1.965	ug/l	75
69) o-Xylene	12.17	106	423	1.235	ug/l	71
76) 1,2,3-Trichloropropane	12.62	75	4410	67.348	ug/l #	100
77) Bromobenzene	12.76	156	161	1.253	ug/l	44
78) n-propylbenzene	12.80	91	912	1.371	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.62	75	4410	163.728	ug/l #	6
82) 4-Chlorotoluene	13.00	91	633	1.591	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.26	105	742	1.517	ug/l	76
85) sec-Butylbenzene	13.38	105	626	1.066	ug/l #	56
86) p-Isopropyltoluene	13.50	119	586	1.088	ug/l #	62
87) 1,3-Dichlorobenzene	13.51	146	395	1.482	ug/l	78
88) 1,4-Dichlorobenzene	13.51	146	395	1.503	ug/l	79
90) Hexachloroethane	14.08	117	161	1.826	ug/l #	9

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022219\
Data File : VW008789.D
Acq On : 22 Feb 2019 15:11
Operator : SY/VA
Sample : K1546-07
Misc : 5.98G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

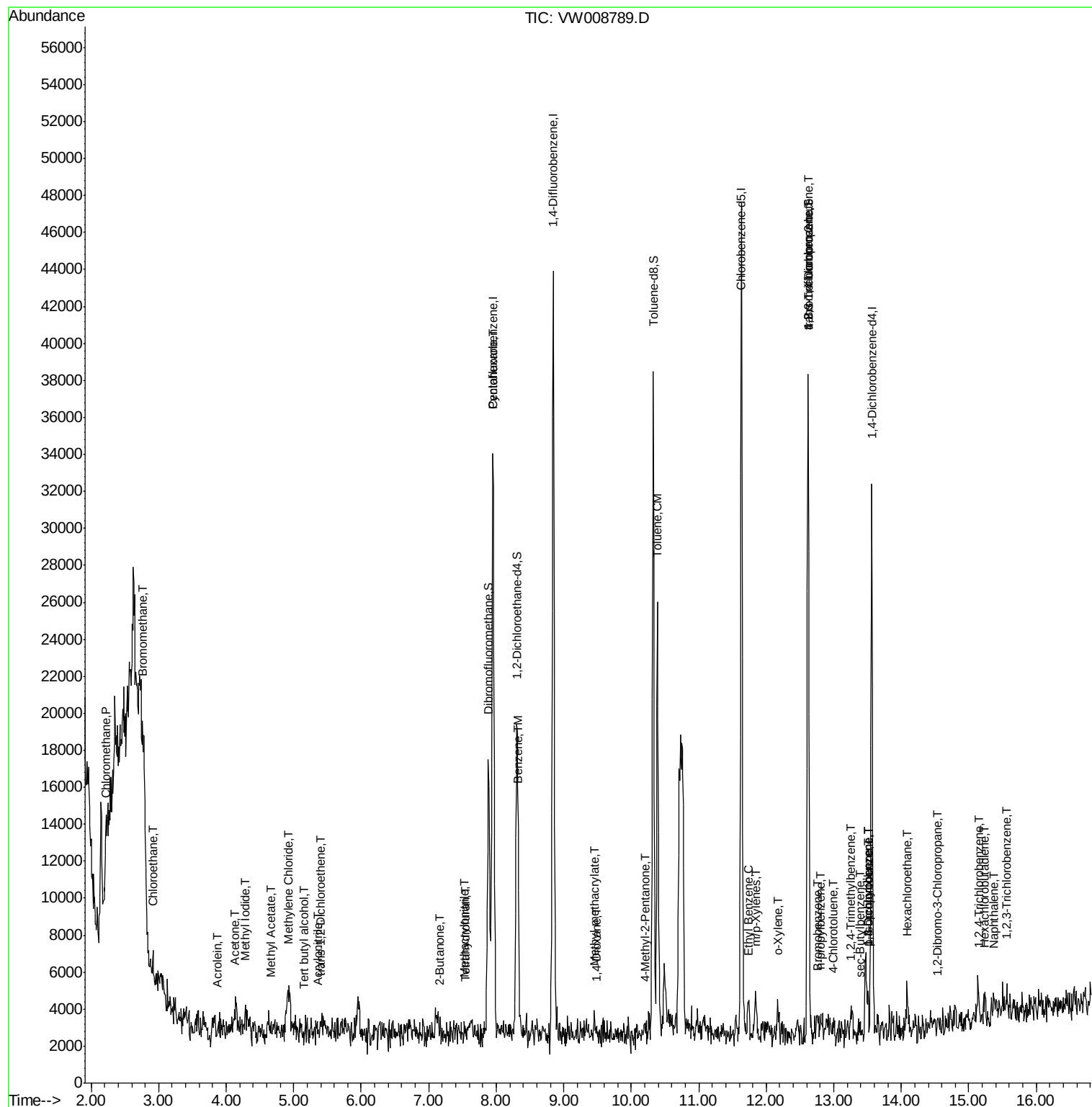
Quant Time: Feb 23 03:25:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

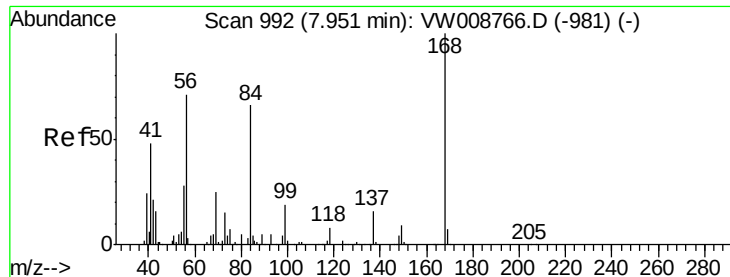
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.52	75	38	2.365	ug/l #	35
93) 1,2,4-Trichlorobenzene	15.15	180	586	3.424	ug/l	78
94) Hexachlorobutadiene	15.24	225	357	3.541	ug/l #	70
95) Naphthalene	15.37	128	848	2.910	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.56	180	371	2.507	ug/l	74

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW022219\
Data File : VW008789.D
Acq On : 22 Feb 2019 15:11
Operator : SY/VA
Sample : K1546-07
Misc : 5.98G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 23 03:25:19 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# 991

Delta R.T. -0.01 min

Lab File: VW008789.D

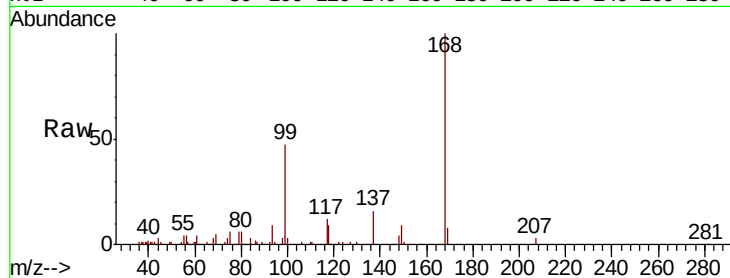
Acq: 22 Feb 2019 15:11

Tgt Ion: 168 Resp: 23423

Ion Ratio Lower Upper

168 100

99 46.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

6000

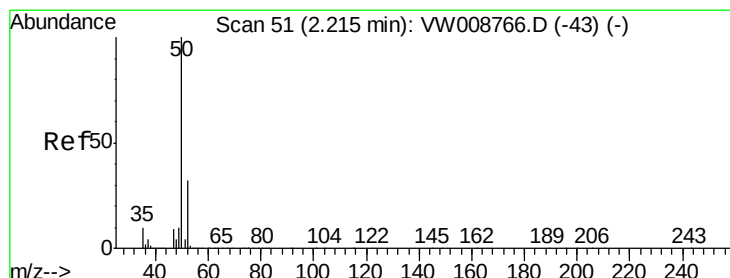
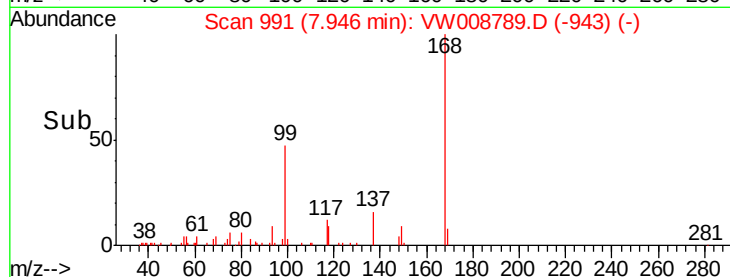
4000

2000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#3

Chloromethane

Concen: 1.208 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008789.D

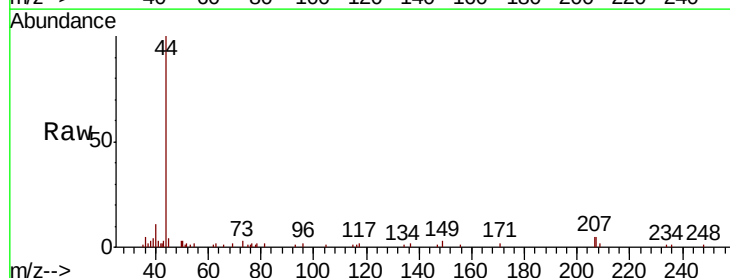
Acq: 22 Feb 2019 15:11

Tgt Ion: 50 Resp: 345

Ion Ratio Lower Upper

50 100

52 16.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

400

300

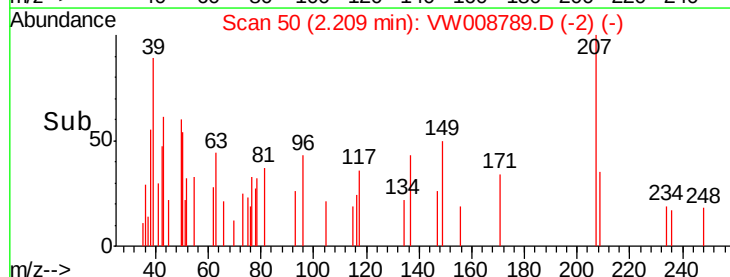
200

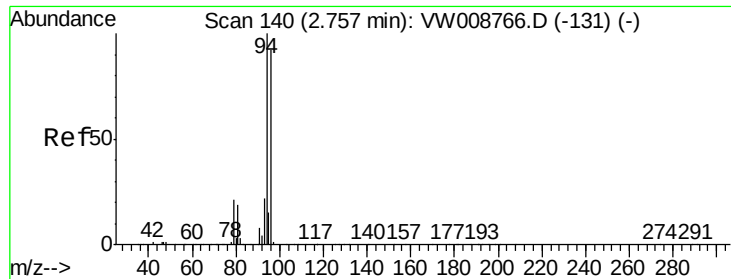
100

0

2.18 2.20 2.22

Time-->





#5

Bromomethane

Concen: 1.581 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008789.D

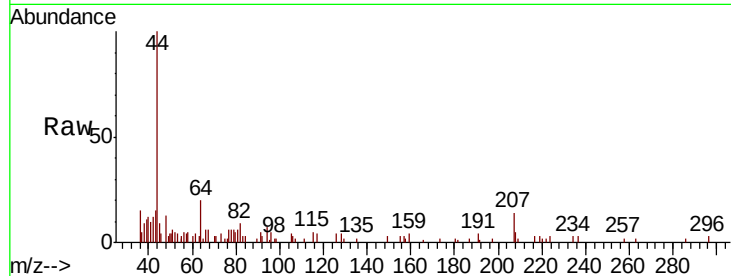
Acq: 22 Feb 2019 15:11

Tgt Ion: 94 Resp: 355

Ion Ratio Lower Upper

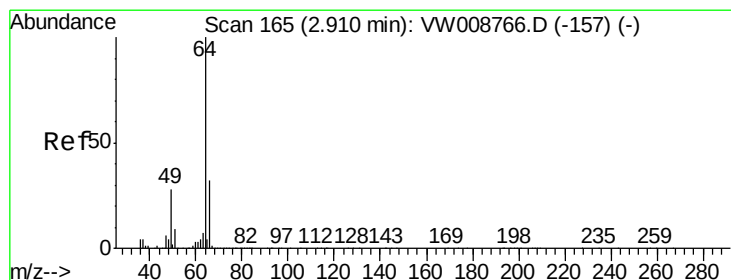
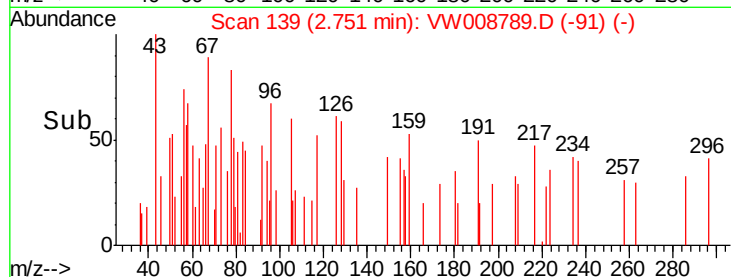
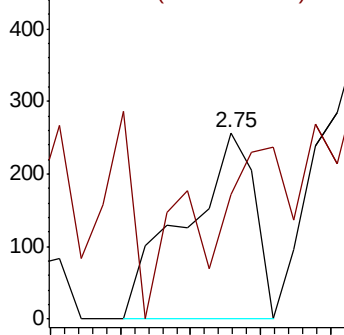
94 100

96 0.0 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 2.082 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008789.D

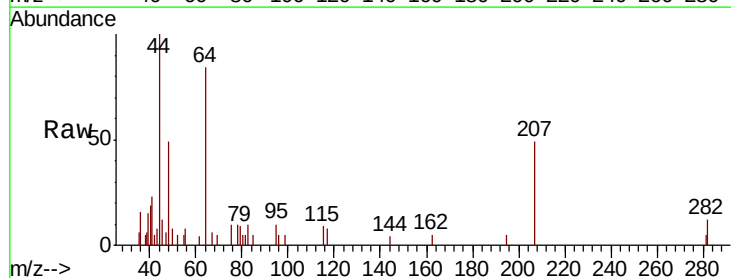
Acq: 22 Feb 2019 15:11

Tgt Ion: 64 Resp: 447

Ion Ratio Lower Upper

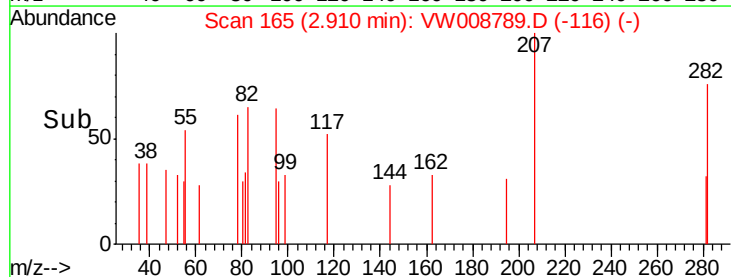
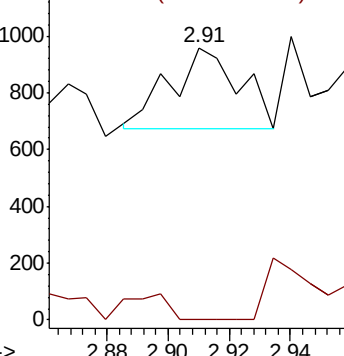
64 100

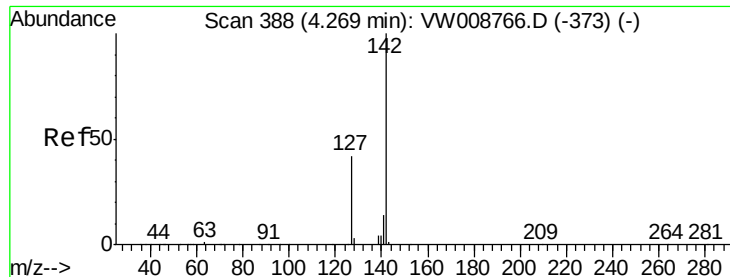
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VW

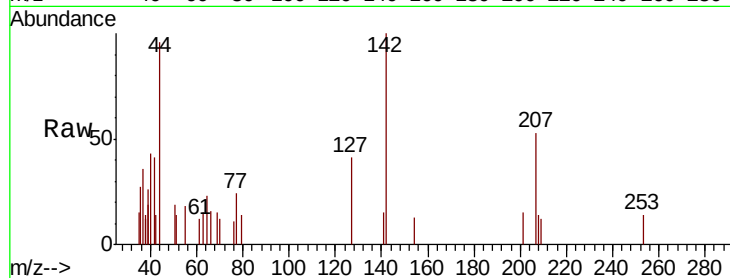
Ion 65.90 (65.60 to 66.60): VW



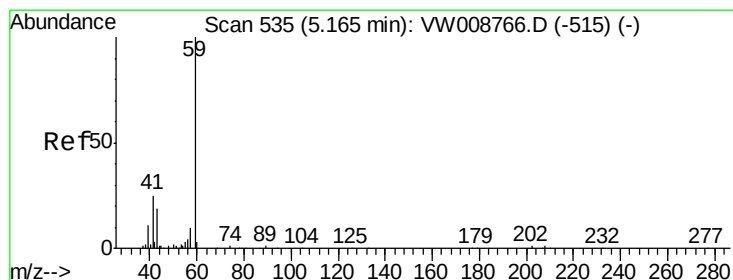
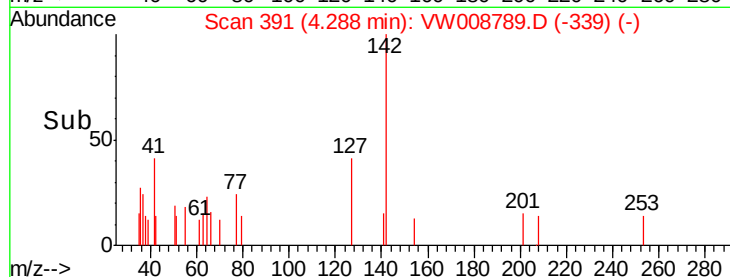
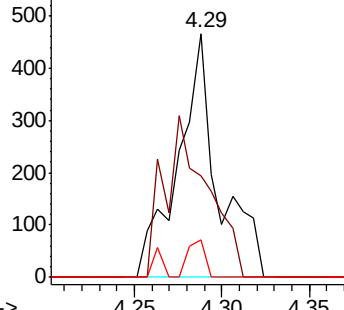


#10
Methyl Iodide
Concen: 2.555 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.02 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion: 142 Resp: 742
Ion Ratio Lower Upper
142 100
127 71.2 35.3 52.9#
141 6.5 11.7 17.5#

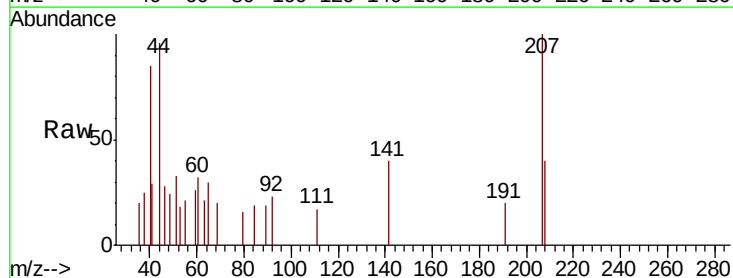


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

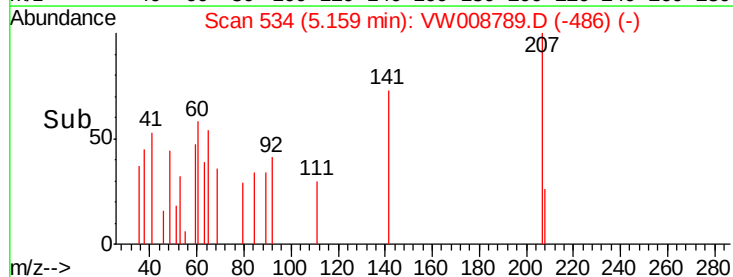
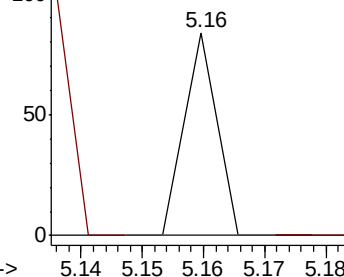


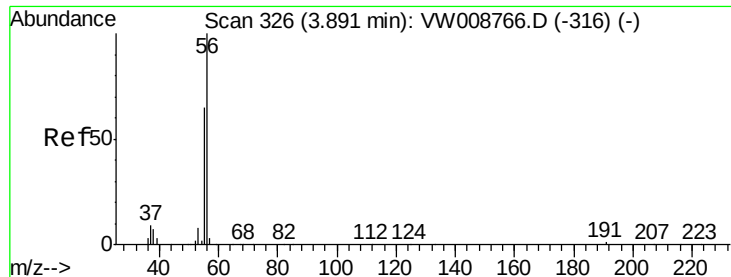
#11
Tert butyl alcohol
Concen: 1.585 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion: 59 Resp: 31
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 26.253 ug/l

RT: 3.86 min Scan# 321

Delta R.T. -0.03 min

Lab File: VW008789.D

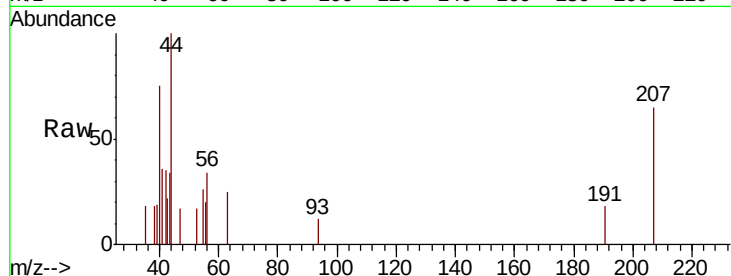
Acq: 22 Feb 2019 15:11

Tgt Ion: 56 Resp: 145

Ion Ratio Lower Upper

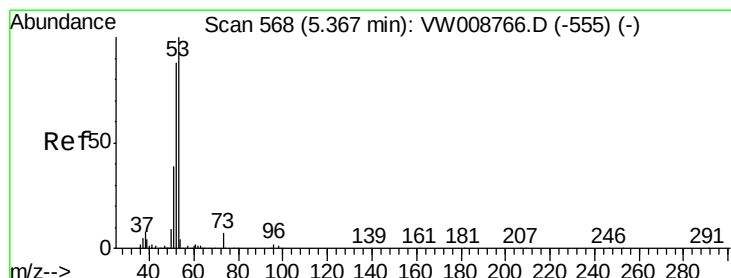
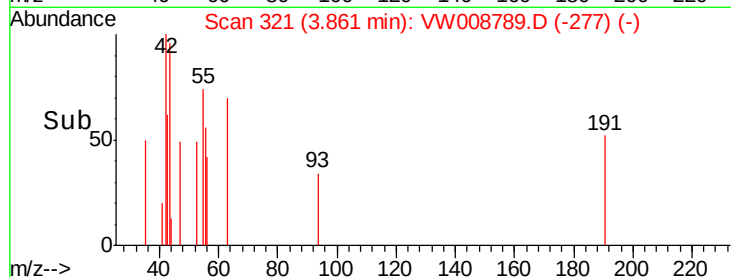
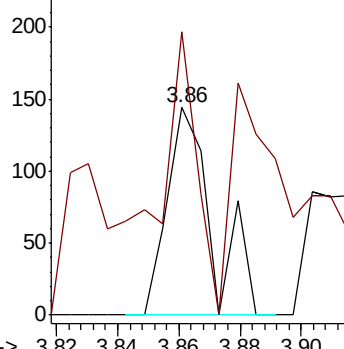
56 100

55 105.5 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#15

Acrylonitrile

Concen: 3.638 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

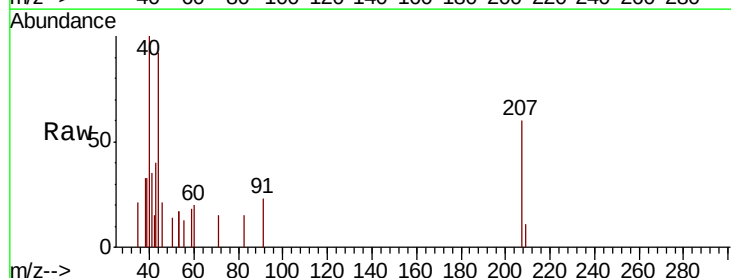
Tgt Ion: 53 Resp: 189

Ion Ratio Lower Upper

53 100

52 0.0 67.2 100.8#

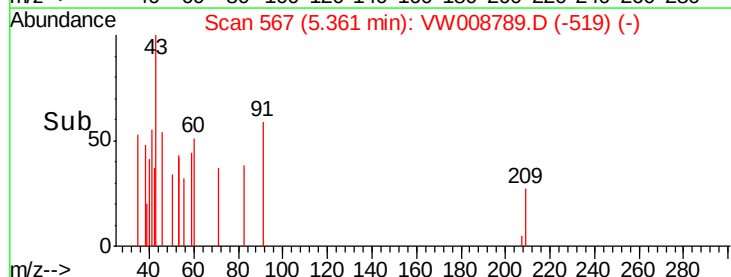
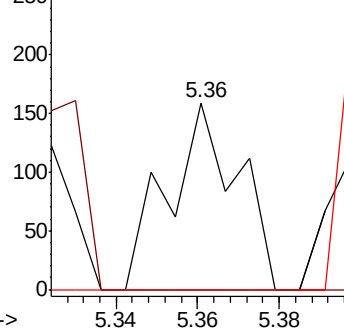
51 0.0 31.1 46.7#

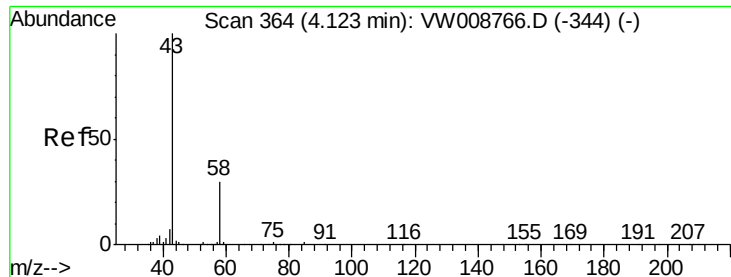


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 57.893 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008789.D

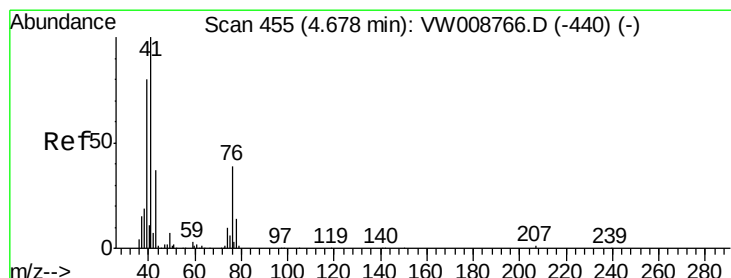
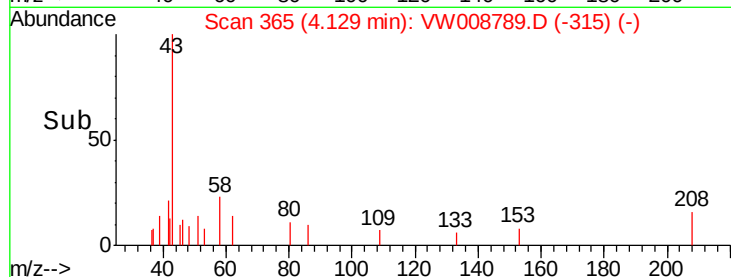
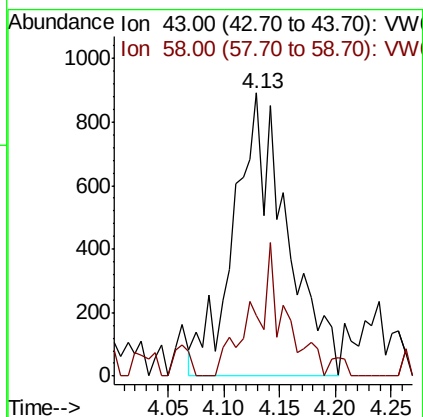
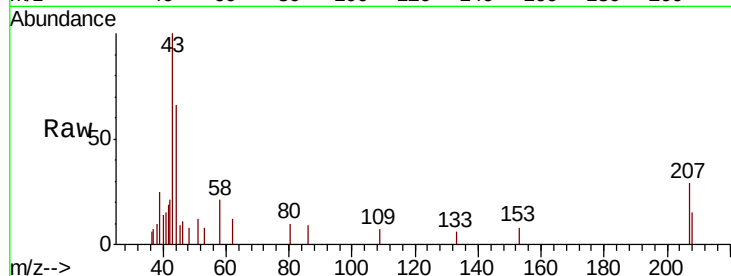
Acq: 22 Feb 2019 15:11

Tgt Ion: 43 Resp: 2948

Ion Ratio Lower Upper

43 100

58 14.7 23.8 35.6#



#18

Methyl Acetate

Concen: 1.018 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008789.D

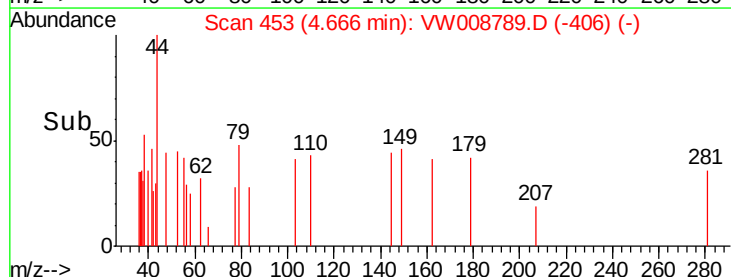
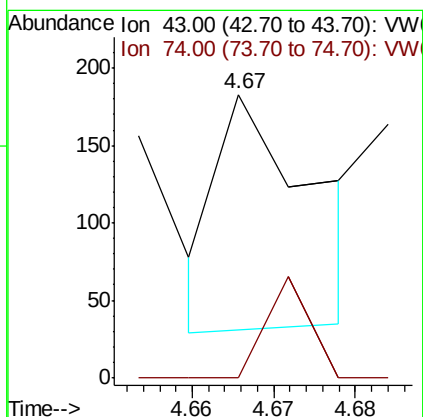
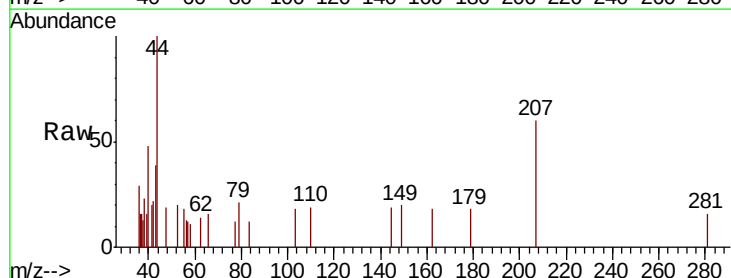
Acq: 22 Feb 2019 15:11

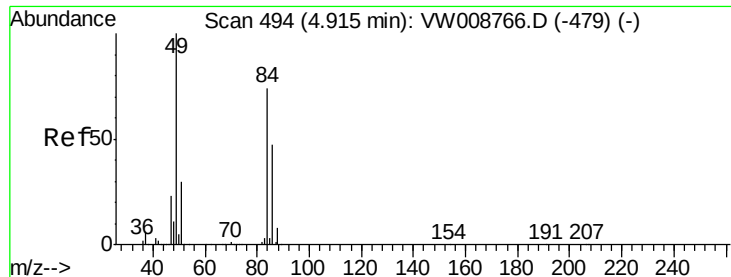
Tgt Ion: 43 Resp: 123

Ion Ratio Lower Upper

43 100

74 19.5 19.4 29.2





#20

Methylene Chloride

Concen: 3.465 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

Tgt Ion: 84 Resp: 2062

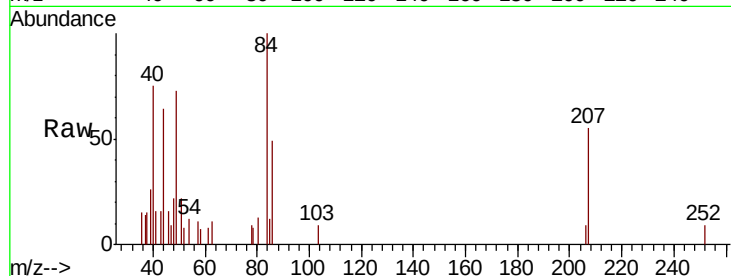
Ion Ratio Lower Upper

84 100

49 73.4 108.2 162.2#

51 12.3 32.7 49.1#

86 49.4 50.3 75.5#

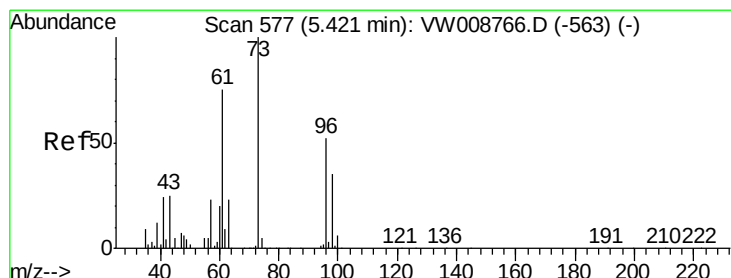
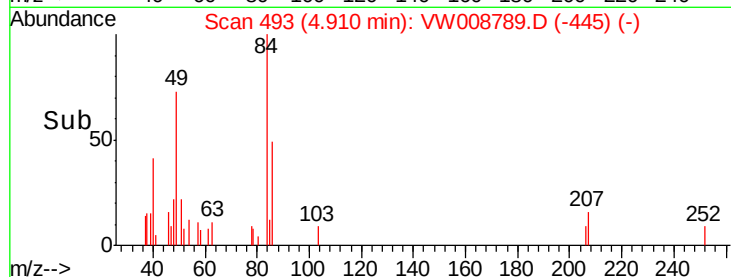
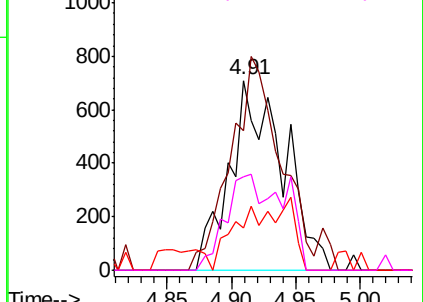


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#21

trans-1,2-Dichloroethene

Concen: 1.197 ug/l

RT: 5.40 min Scan# 574

Delta R.T. -0.02 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

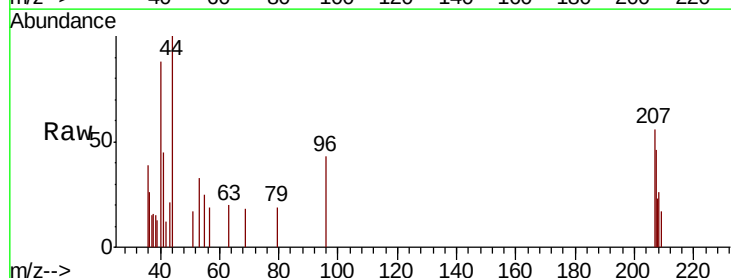
Tgt Ion: 96 Resp: 284

Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

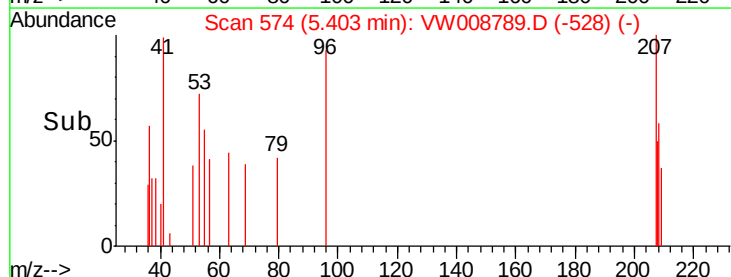
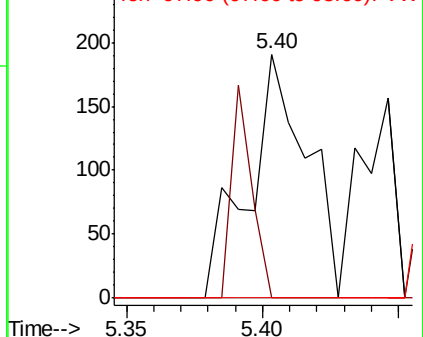
98 0.0 54.0 81.0#

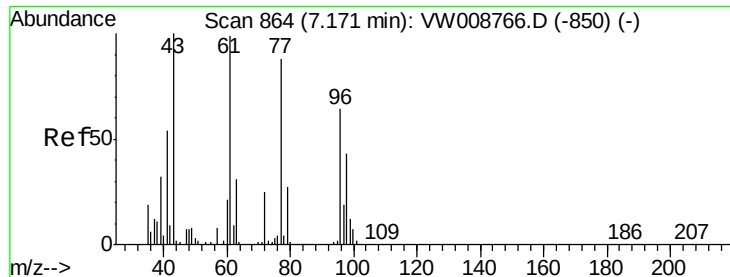


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#25

2-Butanone

Concen: 5.506 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008789.D

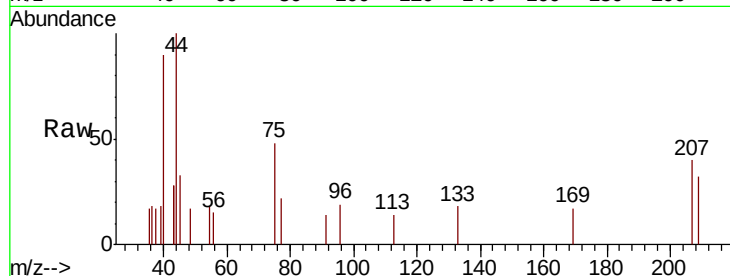
Acq: 22 Feb 2019 15:11

Tgt Ion: 43 Resp: 392

Ion Ratio Lower Upper

43 100

72 0.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

250

200

150

100

50

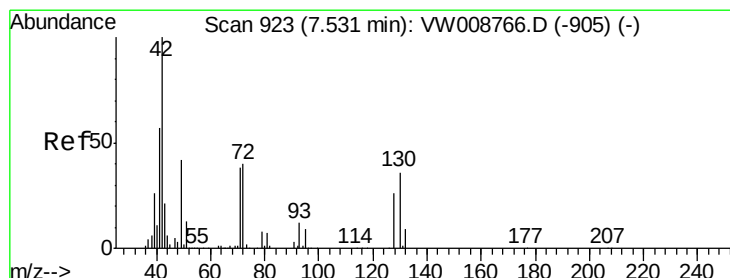
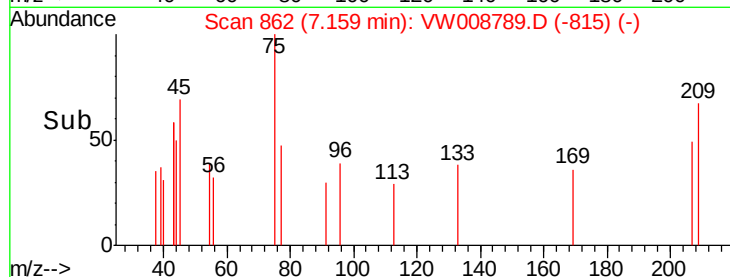
0

7.10

7.15

7.20

Time-->



#29

Tetrahydrofuran

Concen: 9.566 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

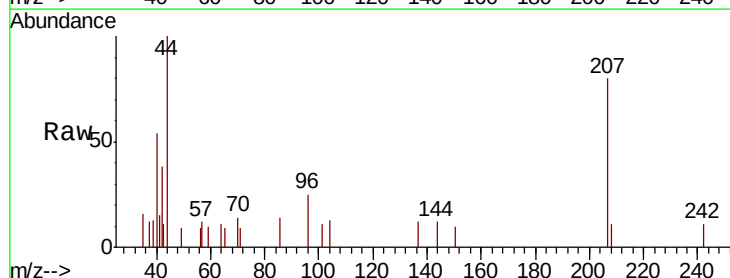
Tgt Ion: 42 Resp: 434

Ion Ratio Lower Upper

42 100

72 0.0 32.7 49.1#

71 25.1 31.3 46.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.54

300

200

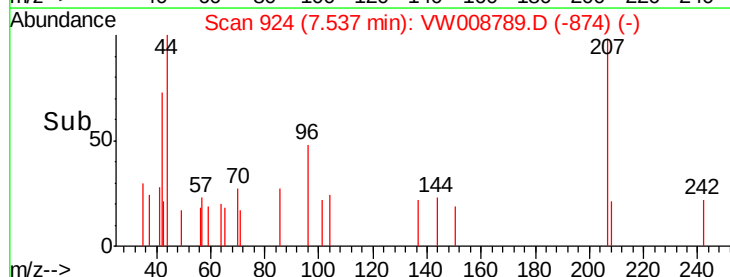
100

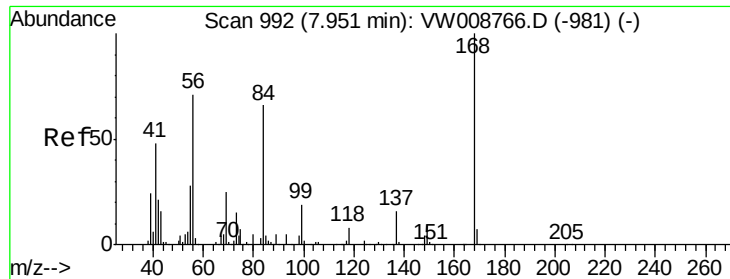
0

7.50

7.55

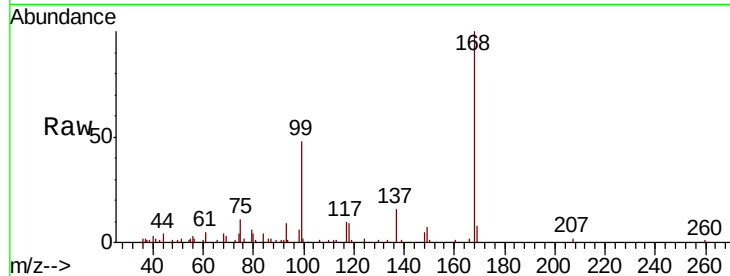
Time-->



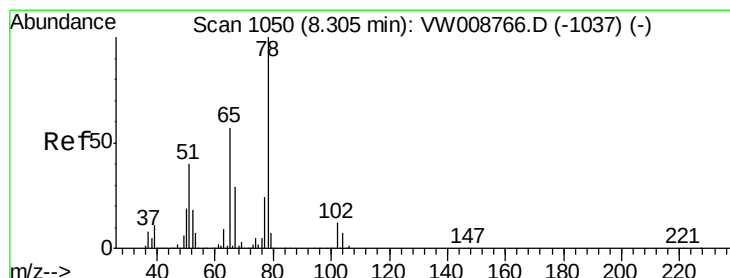
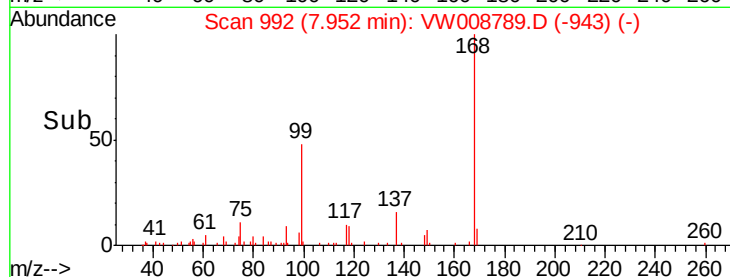
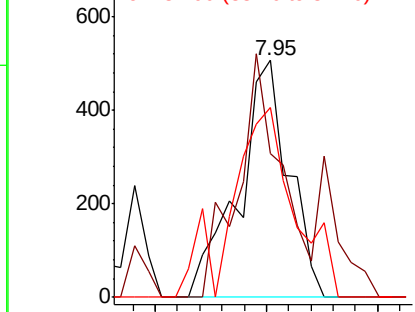


#31
Cyclohexane
Concen: 1.905 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion: 56 Resp: 789
Ion Ratio Lower Upper
56 100
69 60.5 28.2 42.4#
84 80.0 74.1 111.1

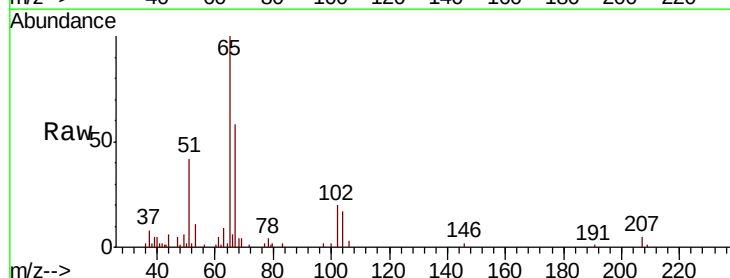


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

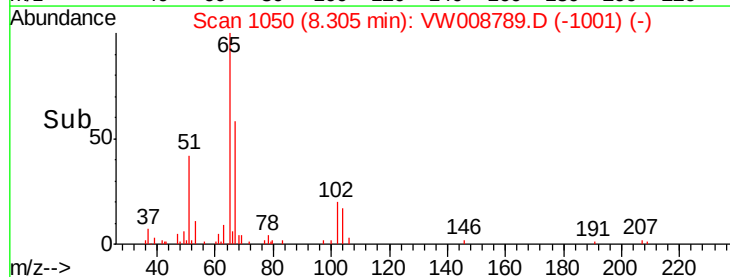
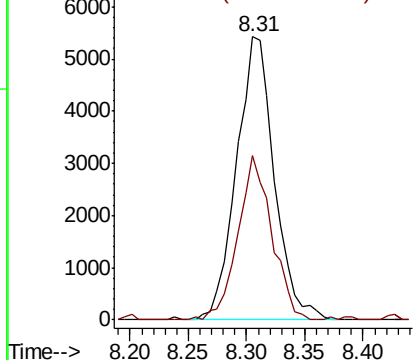


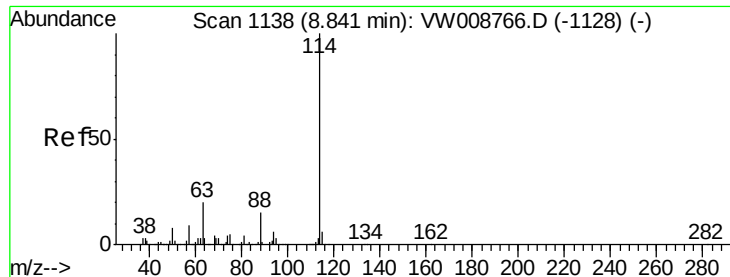
#33
1,2-Dichloroethane-d4
Concen: 55.948 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion: 65 Resp: 12291
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

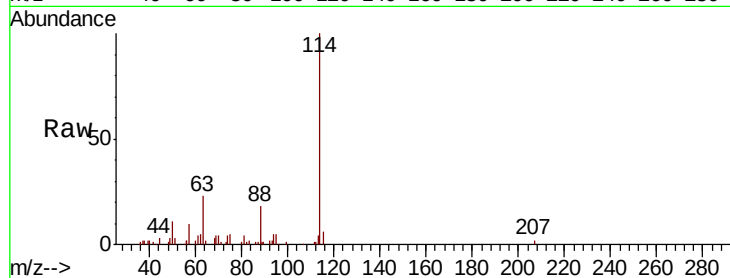
RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

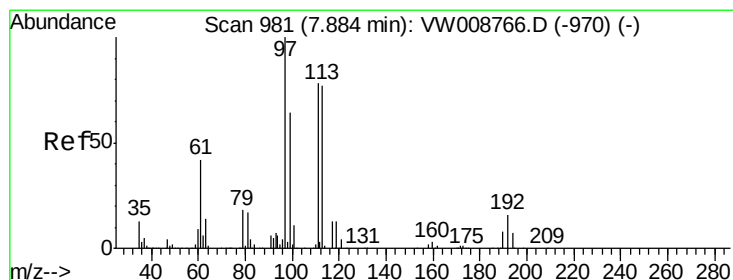
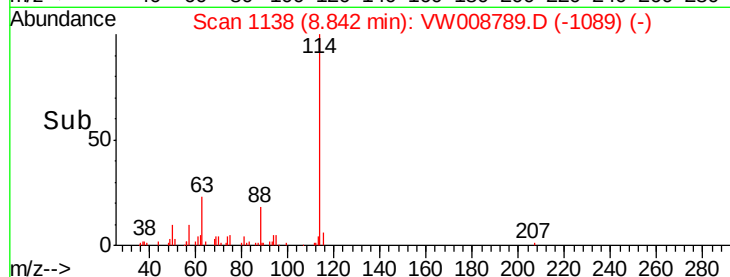
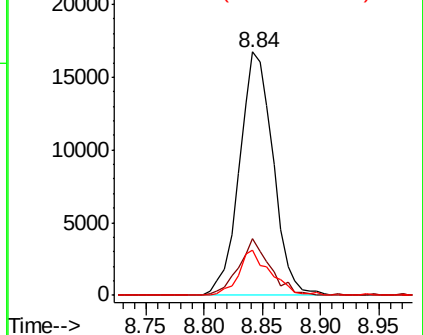
Tgt Ion:	114	Resp:	33769
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	40.8
88	18.5	0.0	30.4



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: 51.126 ug/l

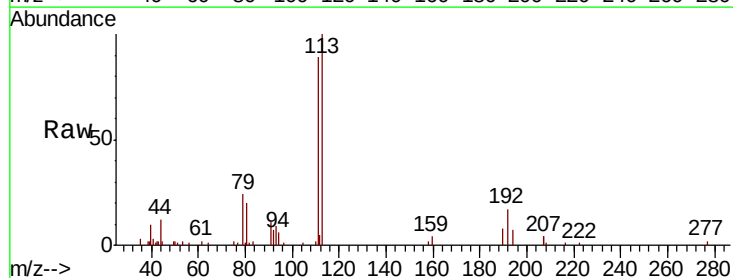
RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

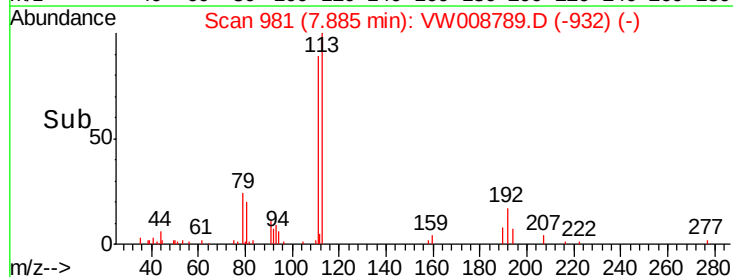
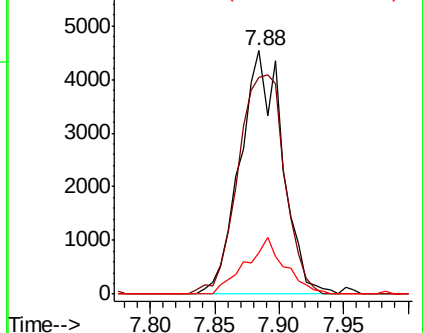
Tgt Ion:	113	Resp:	10366
Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.9	122.9
192	21.4	17.1	25.7

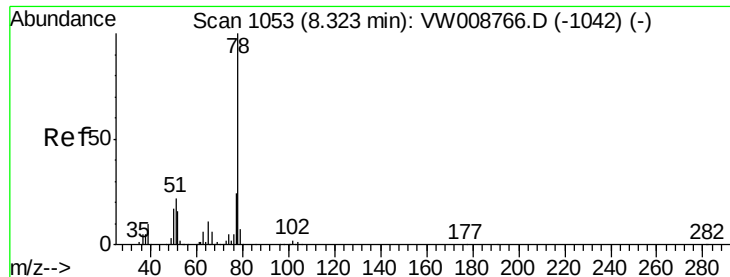


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.891 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW008789.D

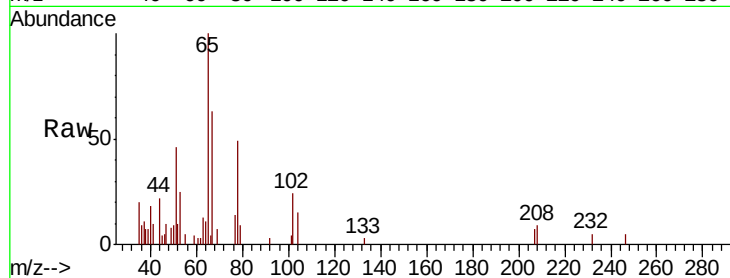
Acq: 22 Feb 2019 15:11

Tgt Ion: 78 Resp: 1697

Ion Ratio Lower Upper

78 100

77 28.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

8.33

800

600

400

200

0

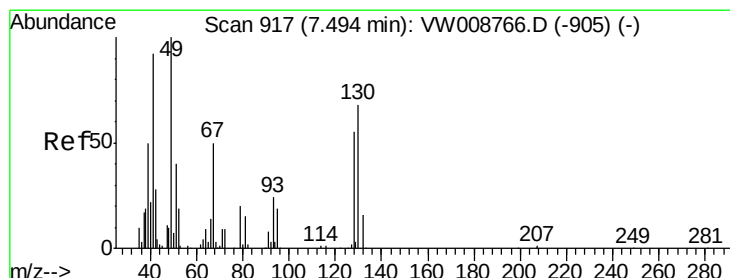
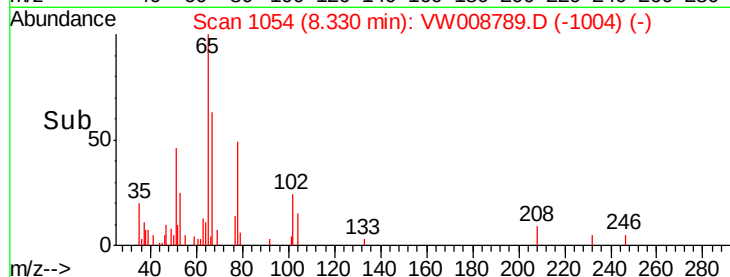
8.25

8.30

8.35

8.40

Time-->



#41

Methacrylonitrile

Concen: 4.763 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.02 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

Tgt Ion: 41 Resp: 428

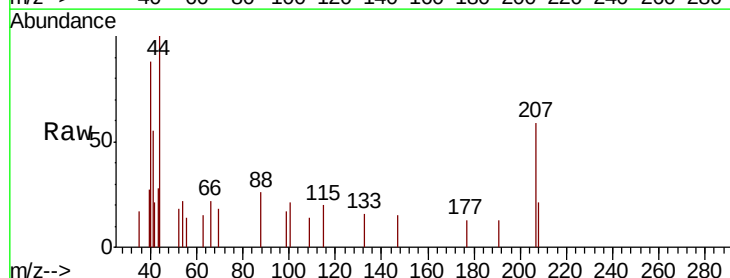
Ion Ratio Lower Upper

41 100

39 48.6 52.5 78.7#

67 0.0 55.0 82.6#

52 27.3 26.9 40.3



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

7.52

300

200

100

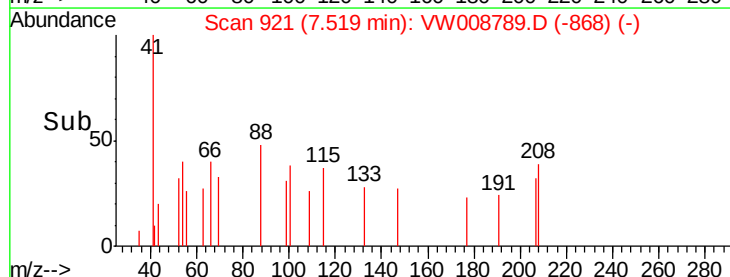
0

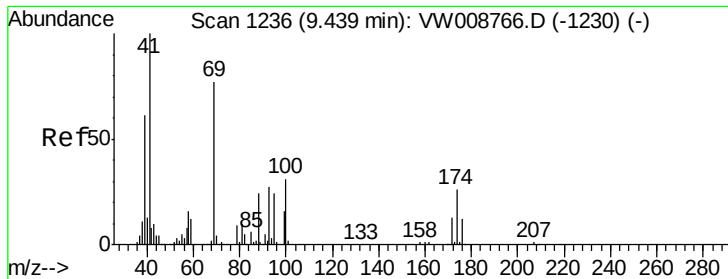
7.45

7.50

7.55

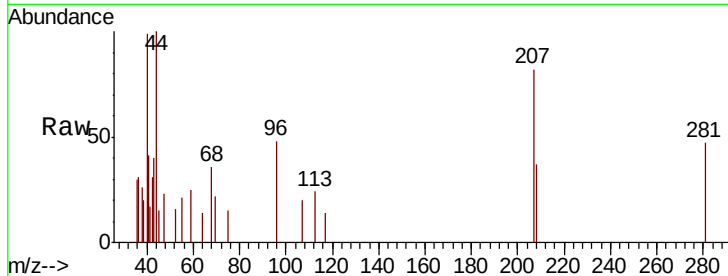
Time-->



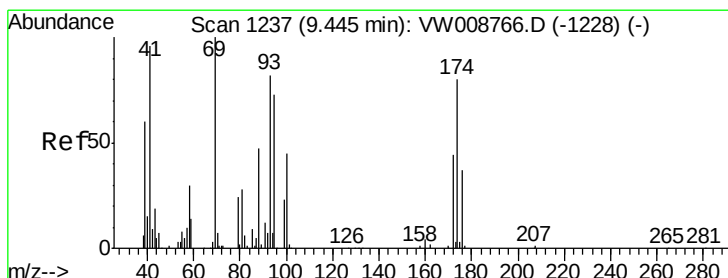
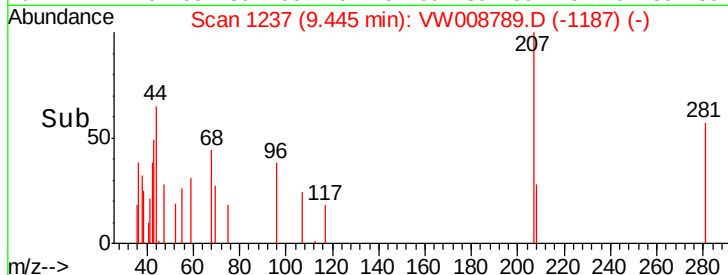
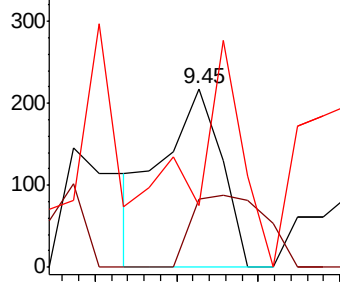


#48
Methyl methacrylate
Concen: 1.519 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion: 41 Resp: 222
Ion Ratio Lower Upper
41 100
69 50.5 63.6 95.4#
39 98.6 52.1 78.1#

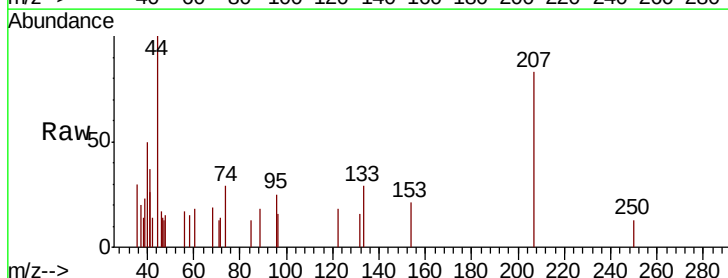


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

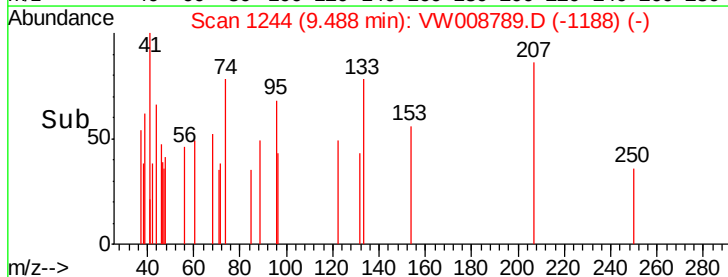
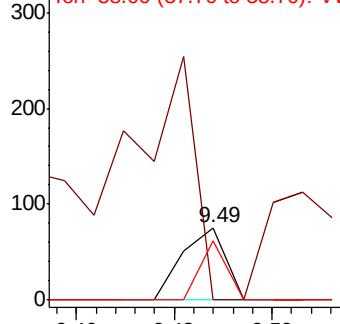


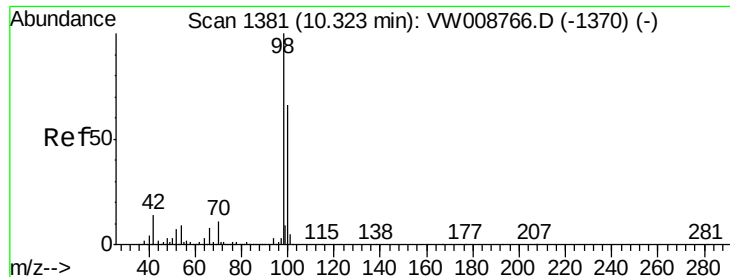
#49
1,4-Dioxane
Concen: 23.284 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.04 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 458.7 29.0 43.4#
58 50.0 52.0 78.0#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 29.399 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008789.D

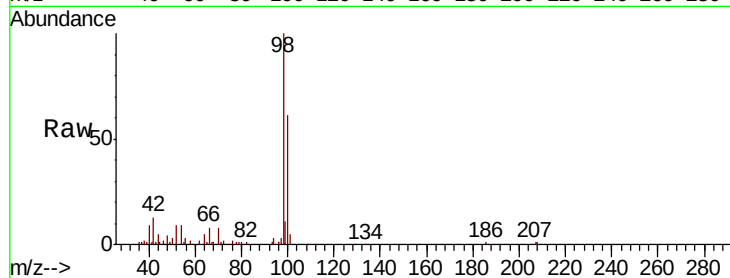
Acq: 22 Feb 2019 15:11

Tgt Ion: 98 Resp: 23010

Ion Ratio Lower Upper

98 100

100 68.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

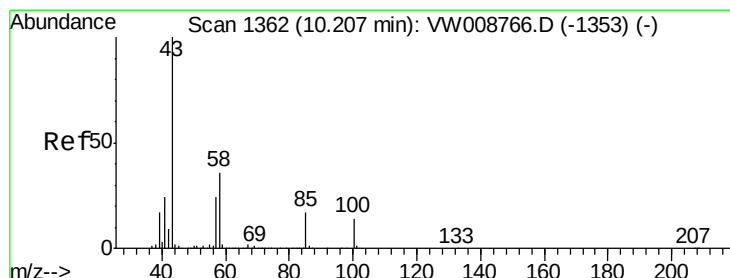
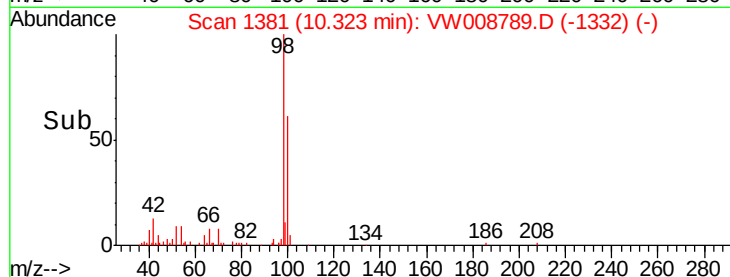
15000

10000

5000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.491 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008789.D

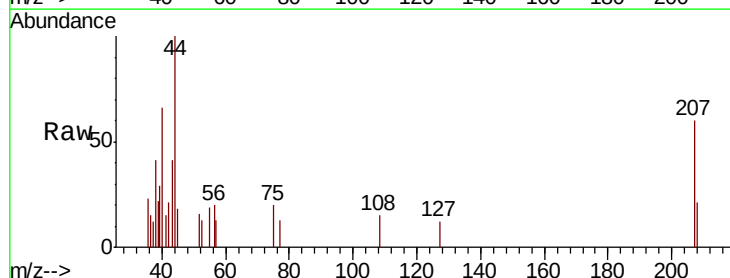
Acq: 22 Feb 2019 15:11

Tgt Ion: 43 Resp: 231

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

250

200

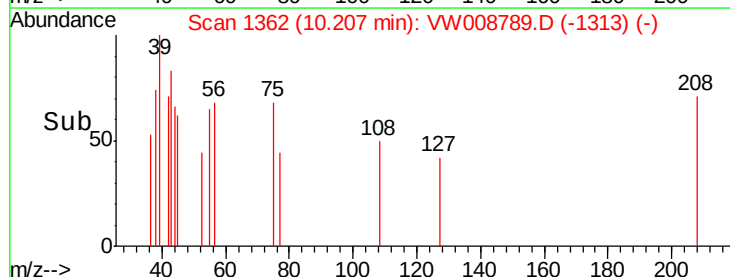
150

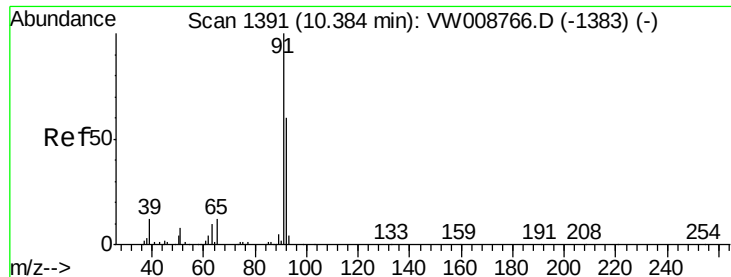
100

50

0

Time-->





#52

Toluene

Concen: 15.173 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008789.D

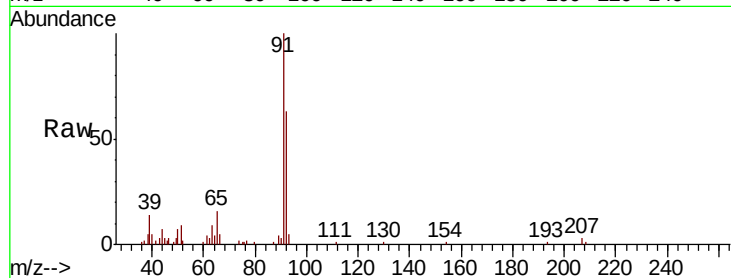
Acq: 22 Feb 2019 15:11

Tgt Ion: 92 Resp: 9242

Ion Ratio Lower Upper

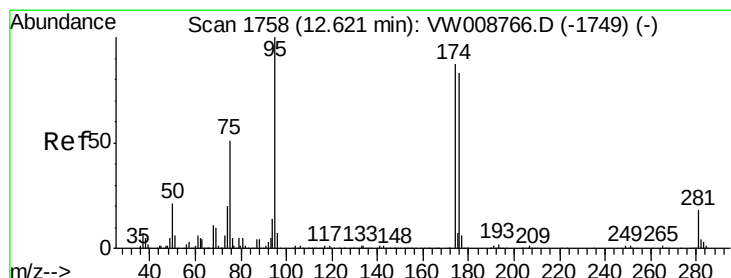
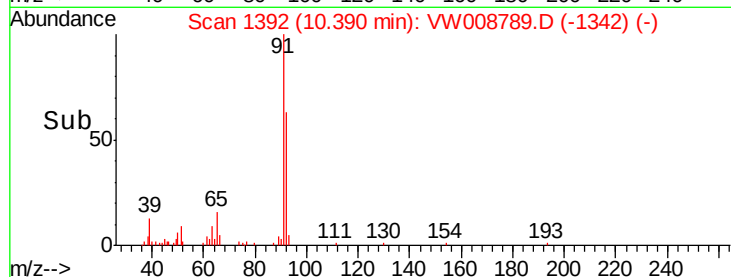
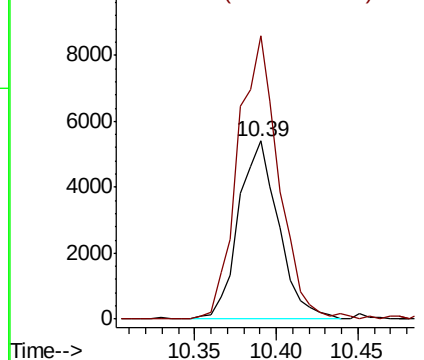
92 100

91 161.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 26.865 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

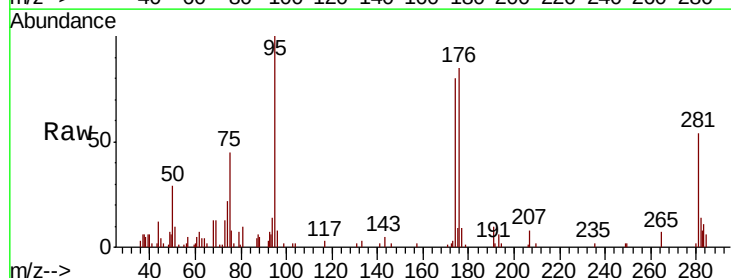
Tgt Ion: 95 Resp: 8233

Ion Ratio Lower Upper

95 100

174 78.1 0.0 169.2

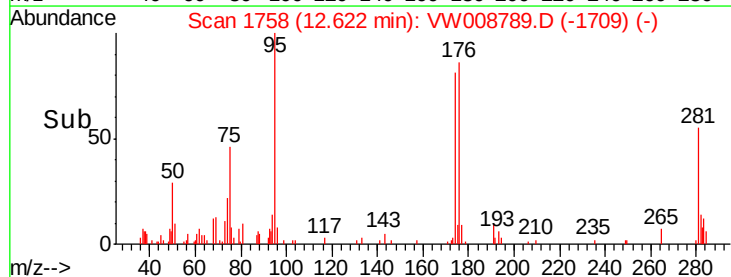
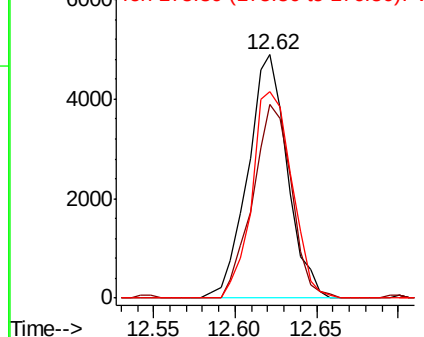
176 85.5 0.0 163.6

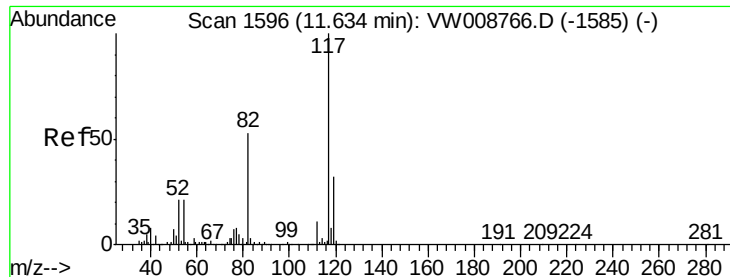


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

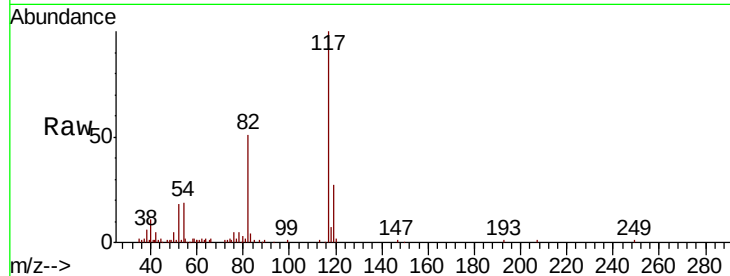
RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

Tgt Ion:	117	Resp:	24300
Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.2	63.4
119	26.8	25.9	38.9

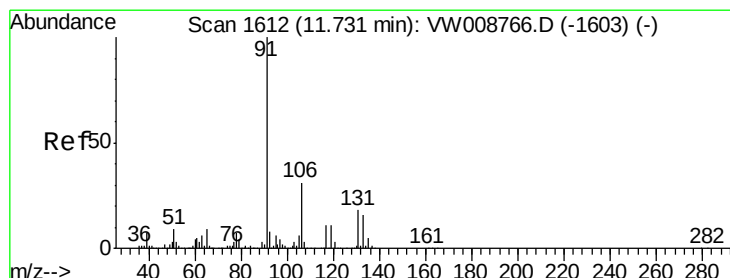
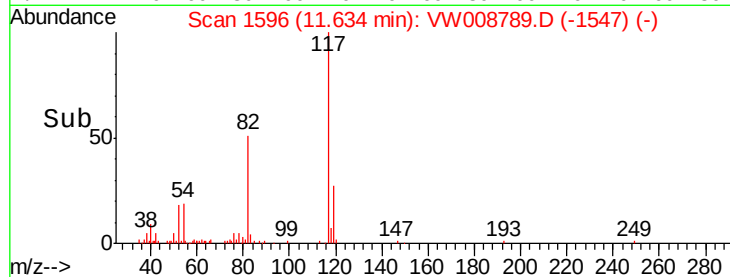
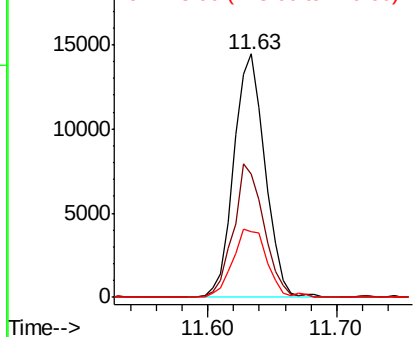


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.508 ug/l

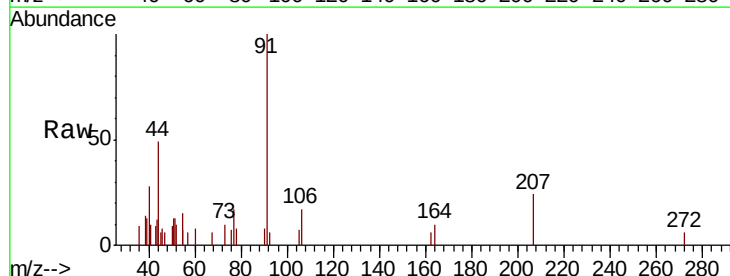
RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

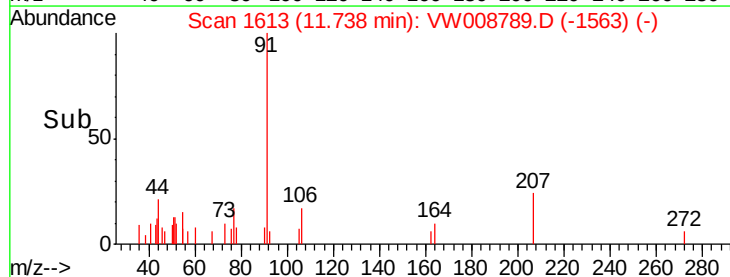
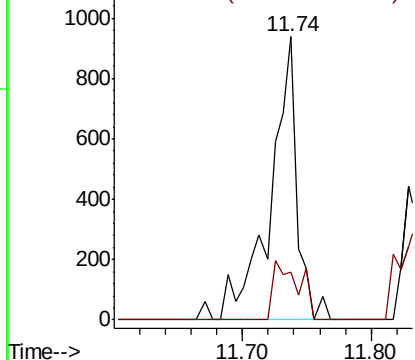
Tgt Ion:	91	Resp:	1377
Ion	Ratio	Lower	Upper
91	100		
106	16.7	25.0	37.6#

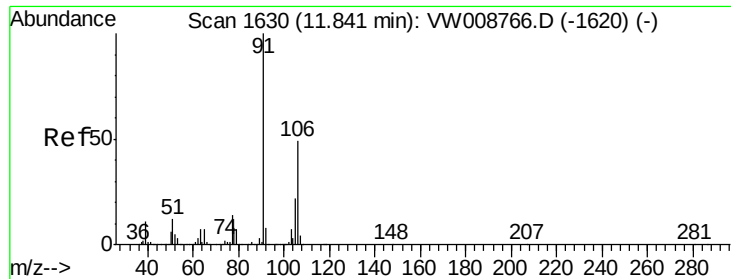


Abundance

Ion 91.00 (90.70 to 91.70): VW

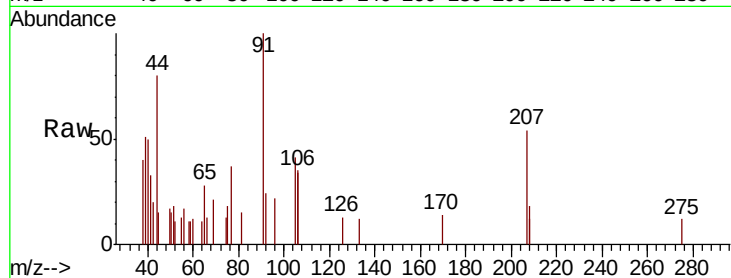
Ion 106.00 (105.70 to 106.70): V



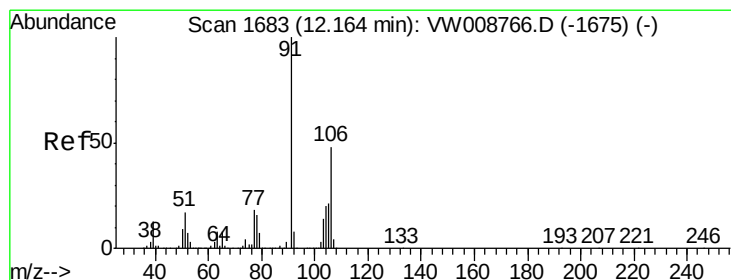
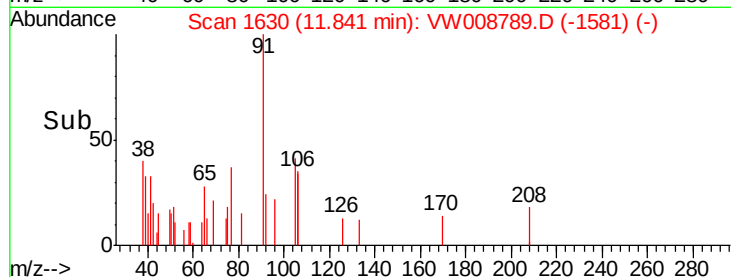
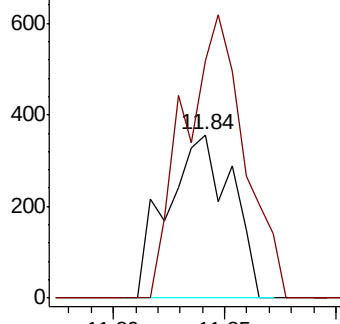


#68
m/p-Xylenes
Concen: 1.965 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion:106 Resp: 717
Ion Ratio Lower Upper
106 100
91 163.3 161.5 242.3

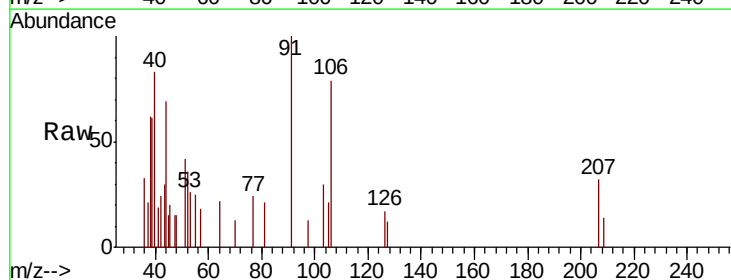


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

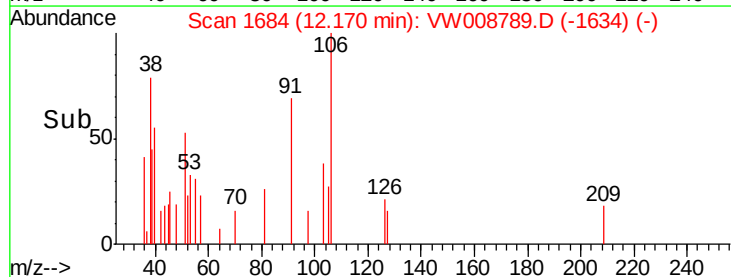
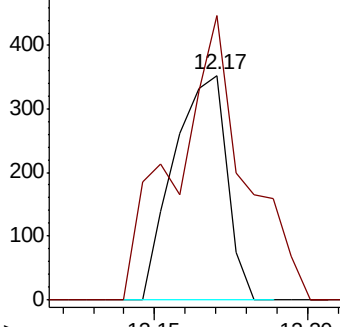


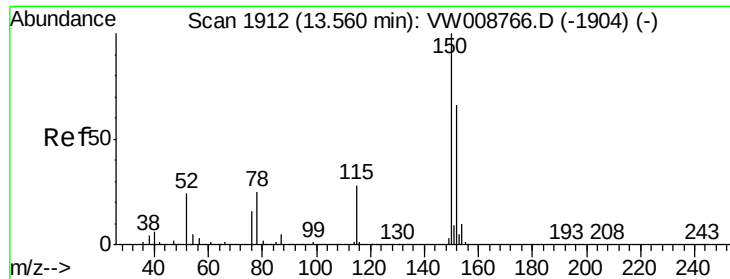
#69
o-Xylene
Concen: 1.235 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion:106 Resp: 423
Ion Ratio Lower Upper
106 100
91 166.7 106.2 318.6



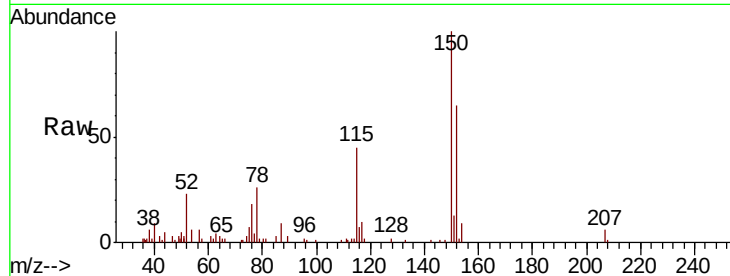
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



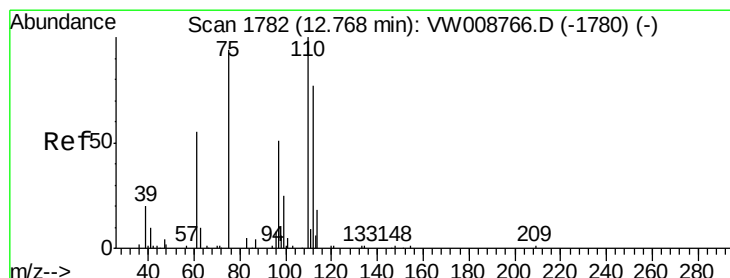
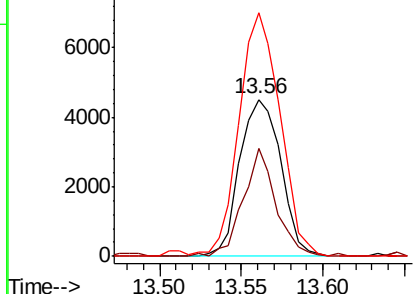
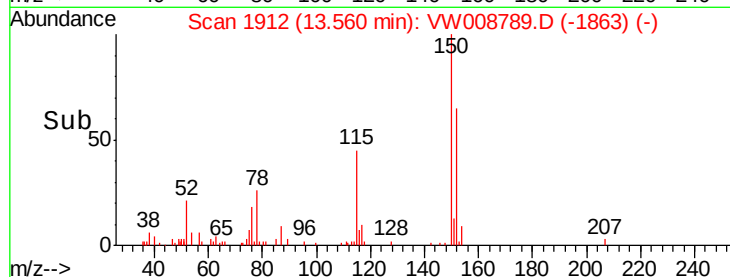


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.6	85.8
150	154.2	0.0	348.0

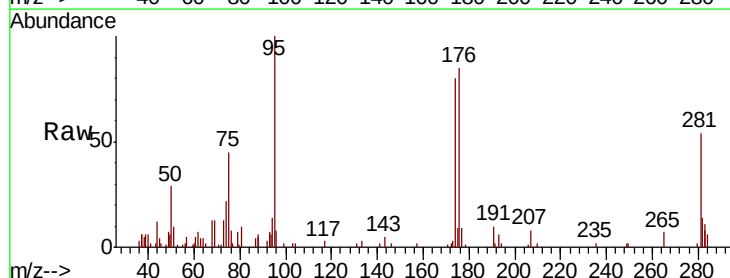


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

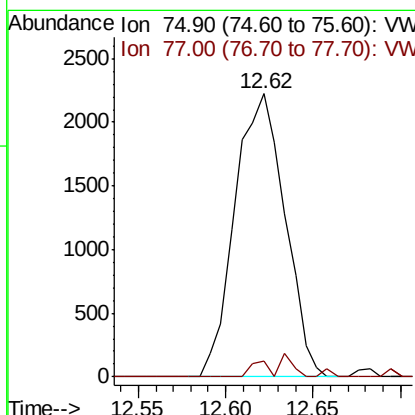
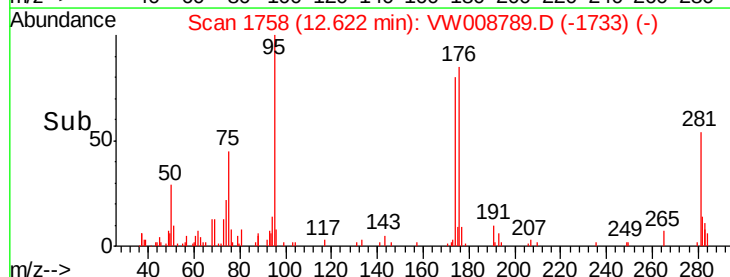


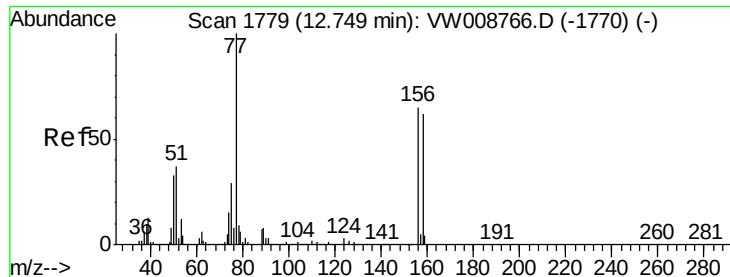
#76
 1,2,3-Trichloropropane
 Concen: 67.348 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#



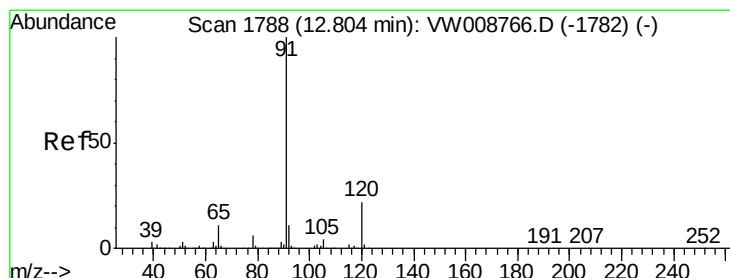
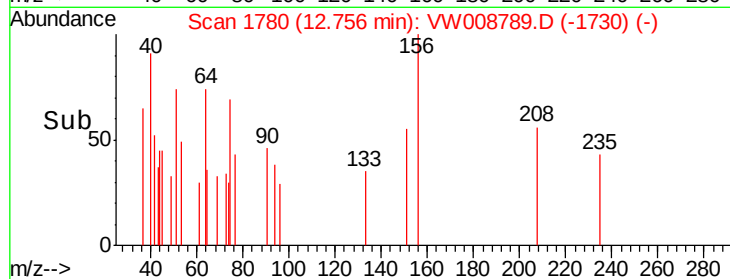
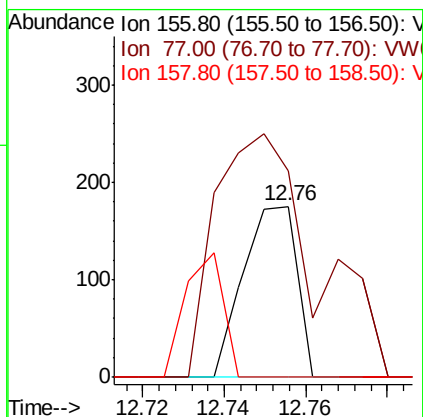
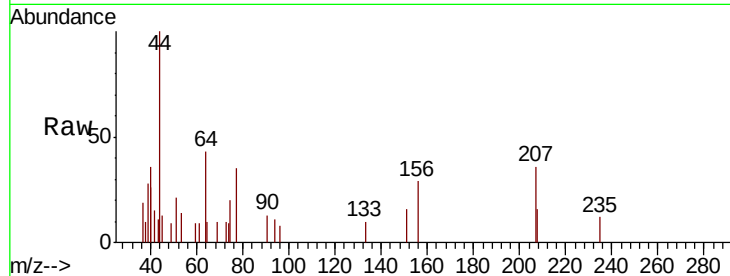
Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 77.00 (76.70 to 77.70): VW





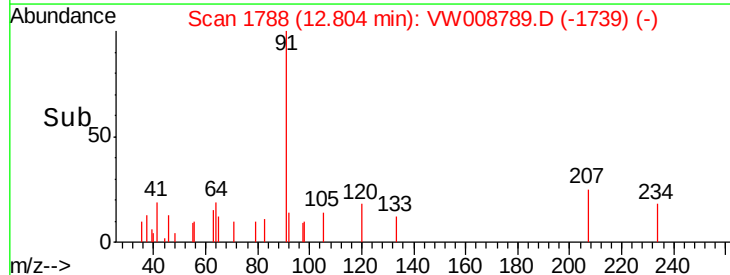
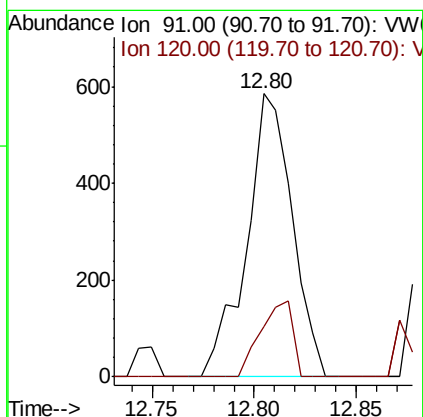
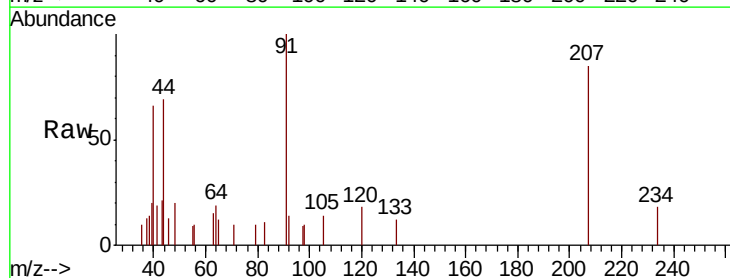
#77
Bromobenzene
Concen: 1.253 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

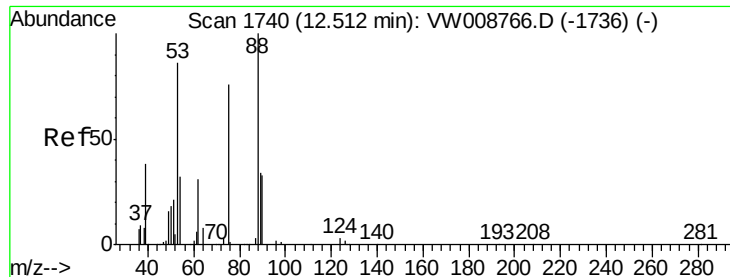
Tgt Ion: 156 Resp: 161
Ion Ratio Lower Upper
156 100
77 264.6 89.1 267.4
158 50.9 49.2 147.6



#78
n-propylbenzene
Concen: 1.371 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW008789.D
Acq: 22 Feb 2019 15:11

Tgt Ion: 91 Resp: 912
Ion Ratio Lower Upper
91 100
120 18.9 11.5 34.4





#81

trans-1,4-Dichloro-2-butene

Concen: 163.728 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

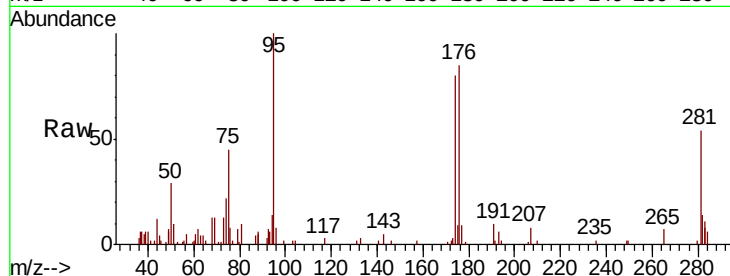
Tgt Ion: 75 Resp: 4410

Ion Ratio Lower Upper

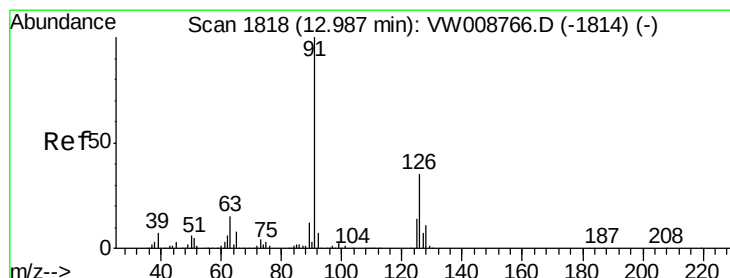
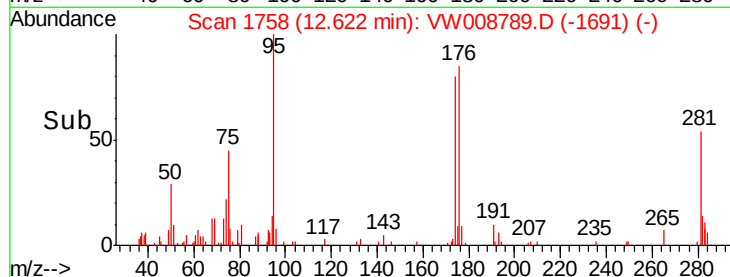
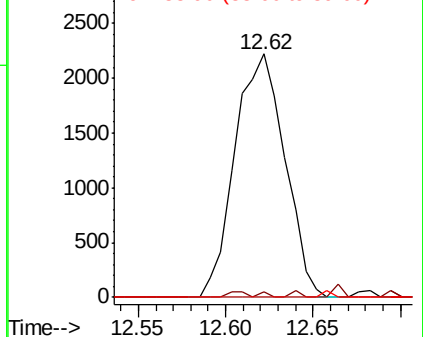
75 100

53 0.5 88.2 132.2#

89 0.0 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 1.591 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW008789.D

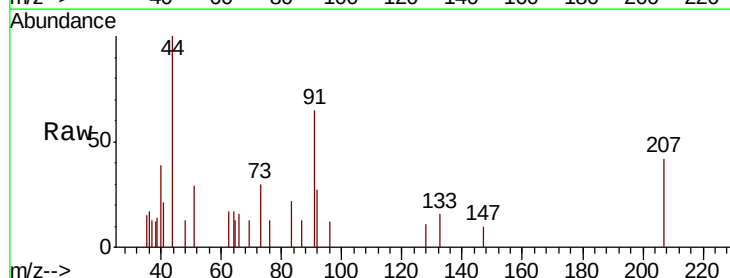
Acq: 22 Feb 2019 15:11

Tgt Ion: 91 Resp: 633

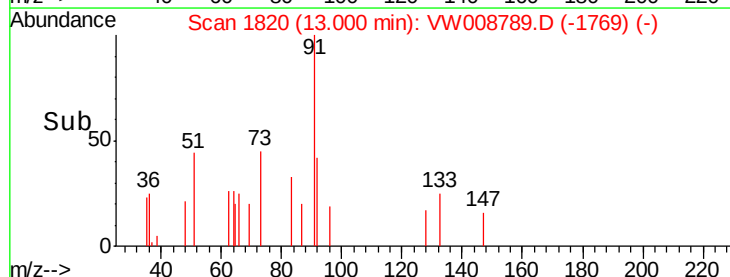
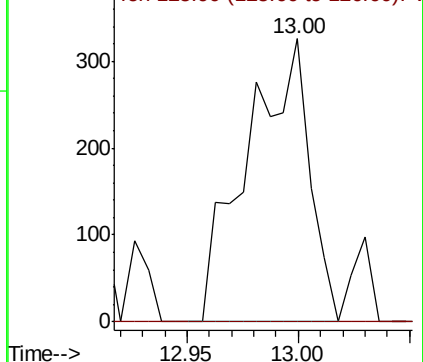
Ion Ratio Lower Upper

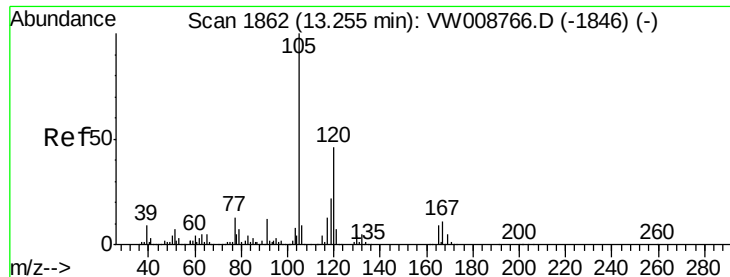
91 100

126 0.0 17.2 51.6#



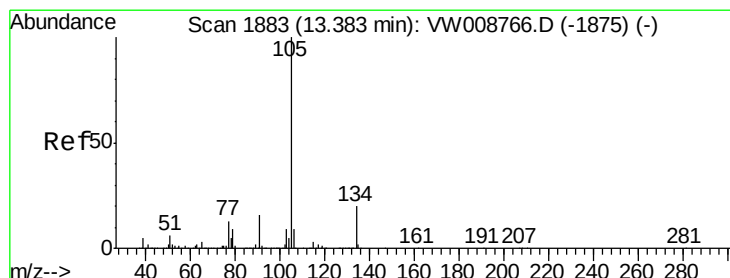
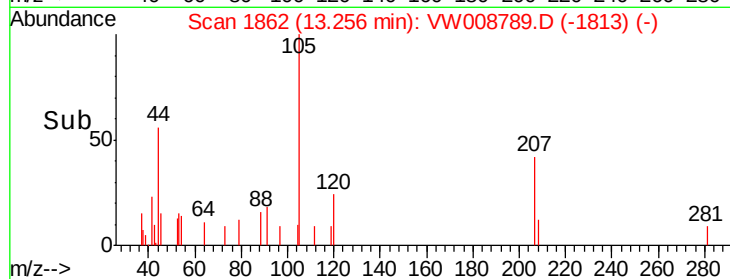
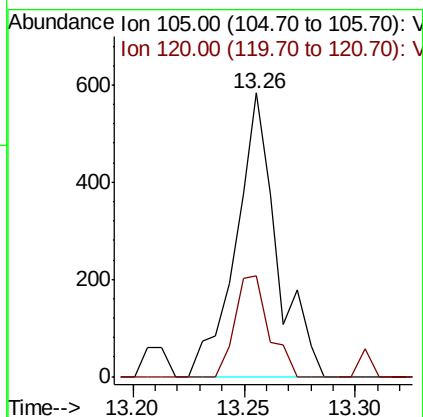
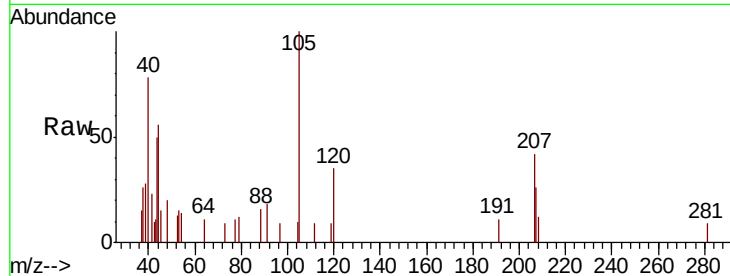
Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V





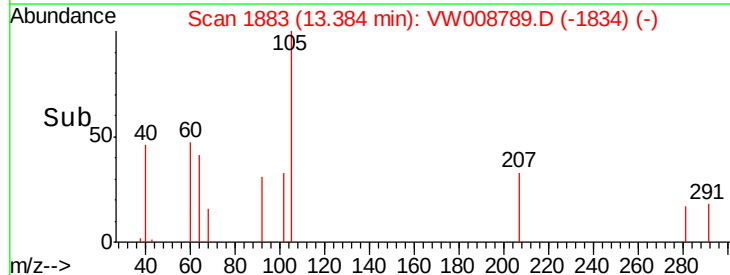
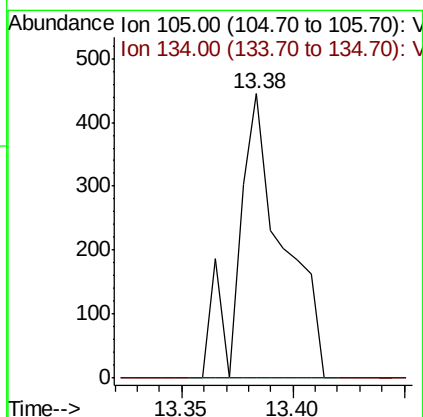
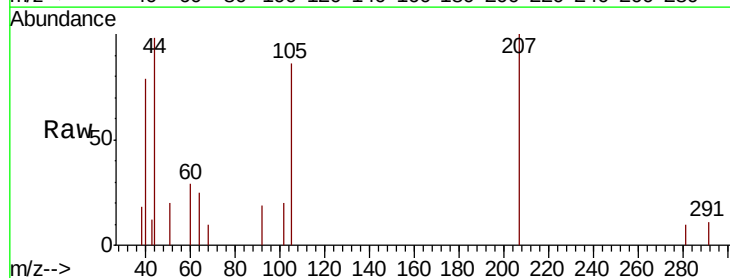
#84
 1,2,4-Trimethylbenzene
 Concen: 1.517 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

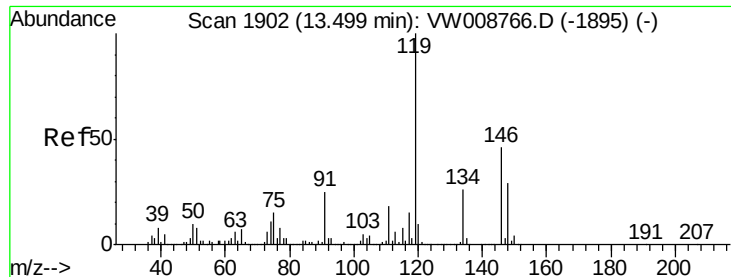
Tgt Ion:105 Resp: 742
 Ion Ratio Lower Upper
 105 100
 120 29.8 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 1.066 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

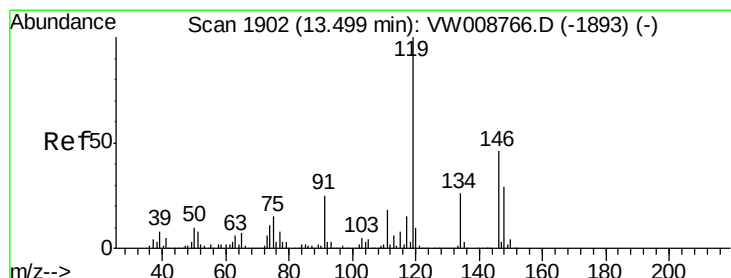
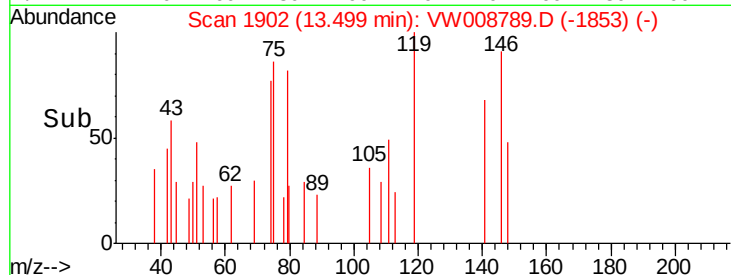
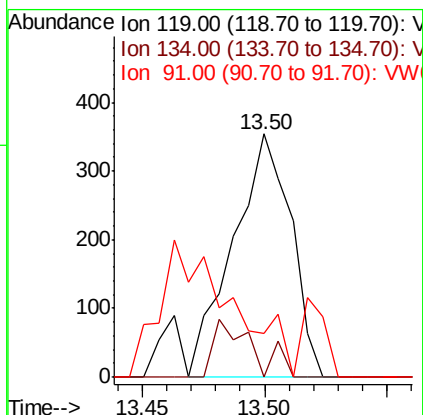
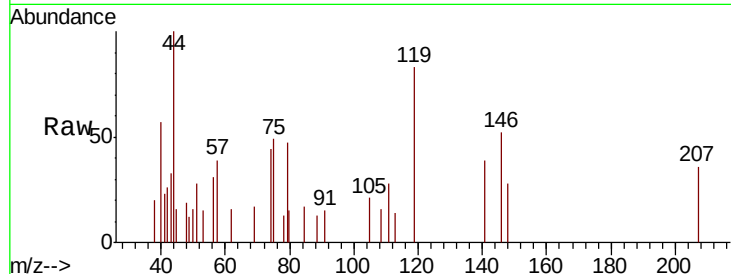
Tgt Ion:105 Resp: 626
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





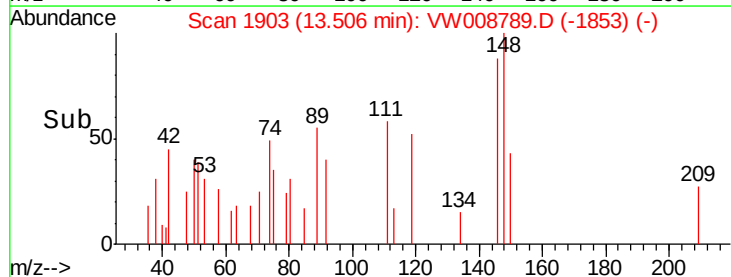
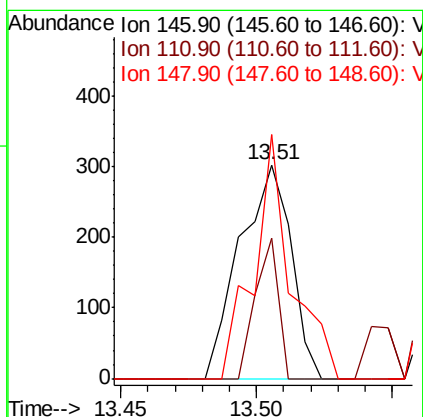
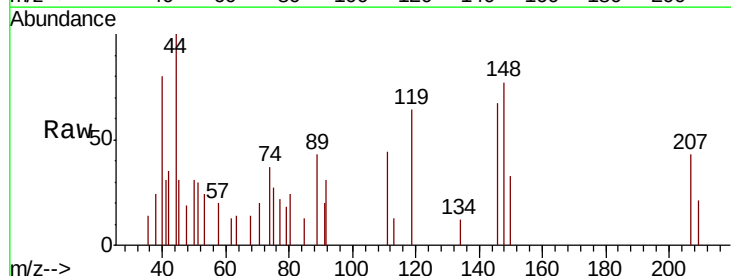
#86
 p-Isopropyltoluene
 Concen: 1.088 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

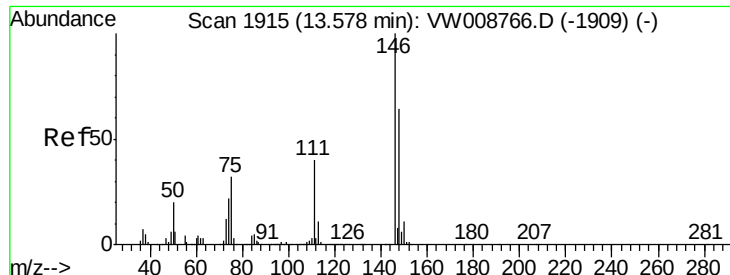
Tgt Ion:119 Resp: 586
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 12.6 12.1 36.3



#87
 1,3-Dichlorobenzene
 Concen: 1.482 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

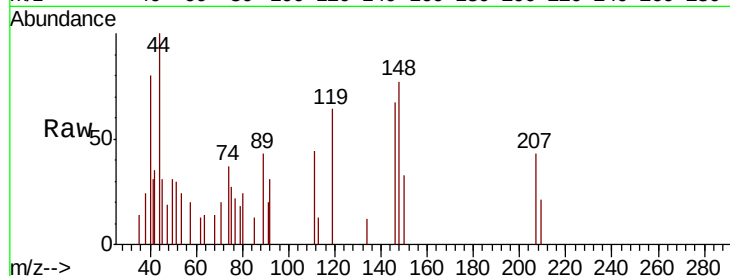
Tgt Ion:146 Resp: 395
 Ion Ratio Lower Upper
 146 100
 111 29.4 19.9 59.7
 148 82.8 31.6 94.8



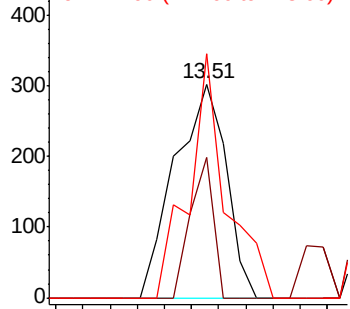


#88
 1,4-Dichlorobenzene
 Concen: 1.503 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

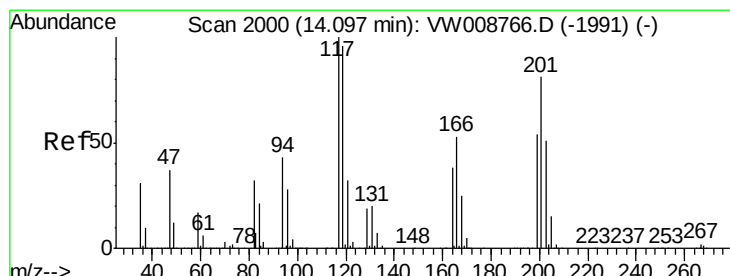
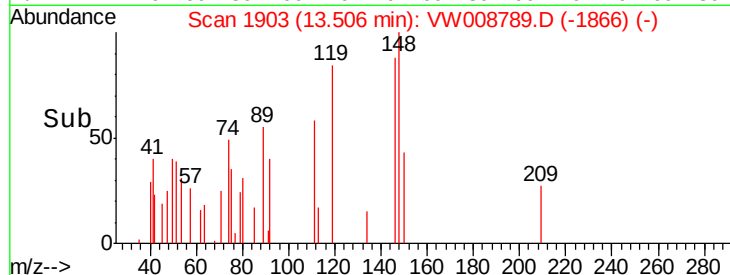
Tgt Ion:146 Resp: 395
 Ion Ratio Lower Upper
 146 100
 111 29.4 19.3 57.9
 148 82.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

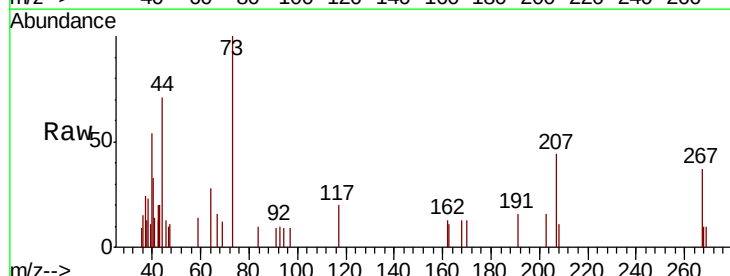


Time--> 13.45 13.50

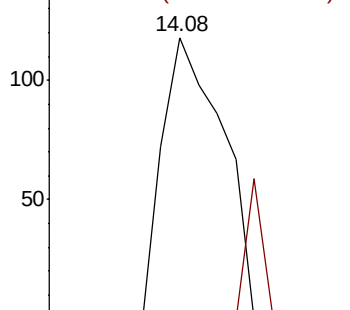


#90
 Hexachloroethane
 Concen: 1.826 ug/l
 RT: 14.08 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

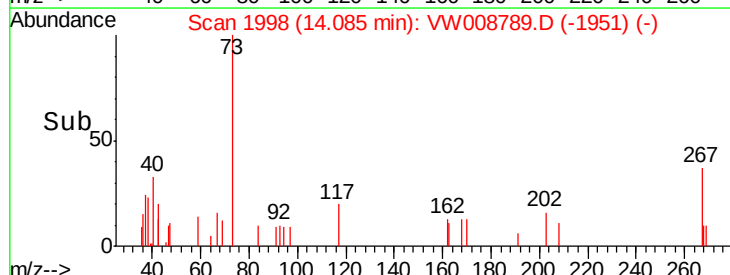
Tgt Ion:117 Resp: 161
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.3 120.8#

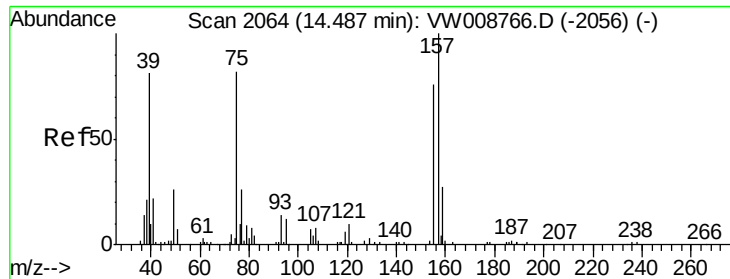


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V



Time--> 14.05 14.10





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.365 ug/l

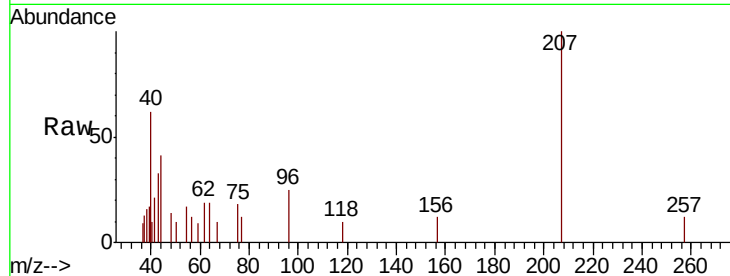
RT: 14.52 min Scan# 2070

Delta R.T. 0.04 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

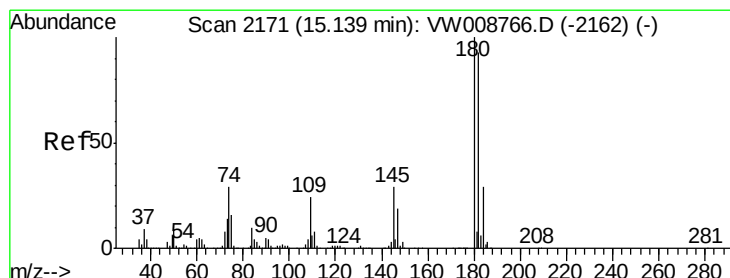
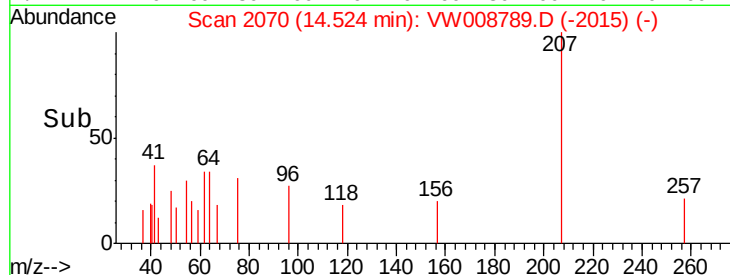
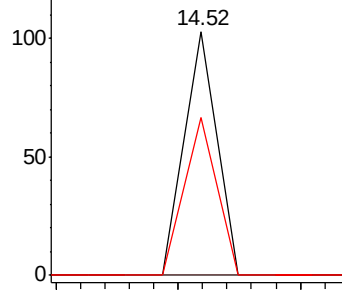
Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.8	125.4#
157	65.8	56.6	169.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.424 ug/l

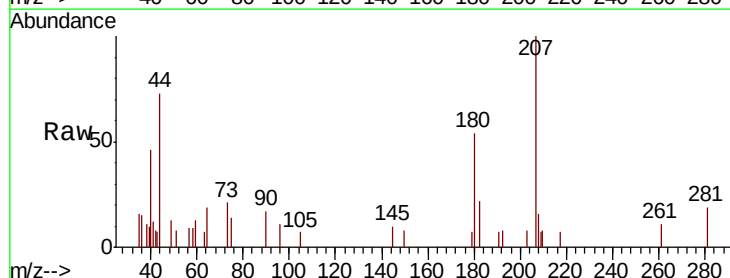
RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

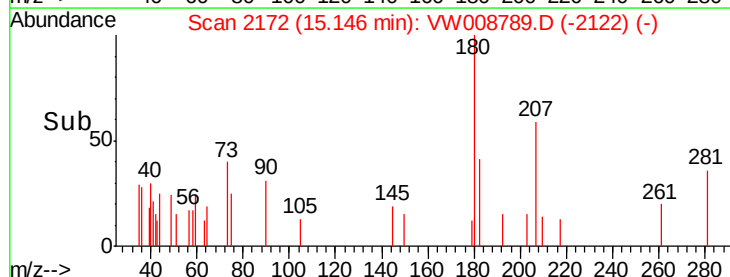
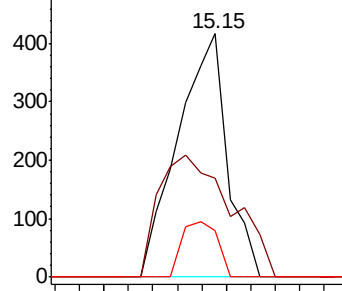
Tgt Ion	Ratio	Lower	Upper
180	100		
182	73.5	47.2	141.6
145	16.0	14.4	43.0

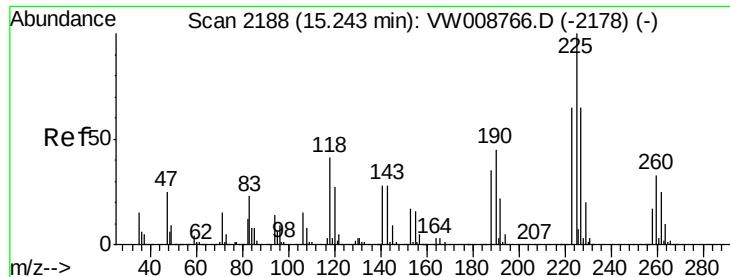


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 3.541 ug/l

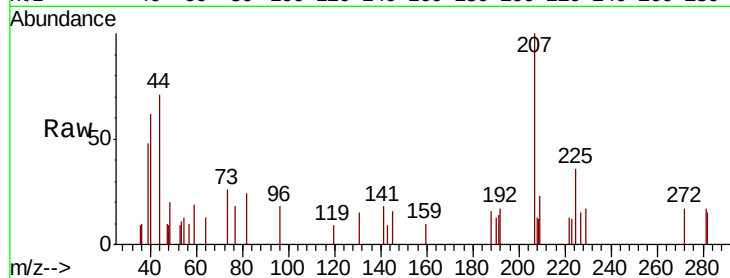
RT: 15.24 min Scan# 2187

Delta R.T. -0.01 min

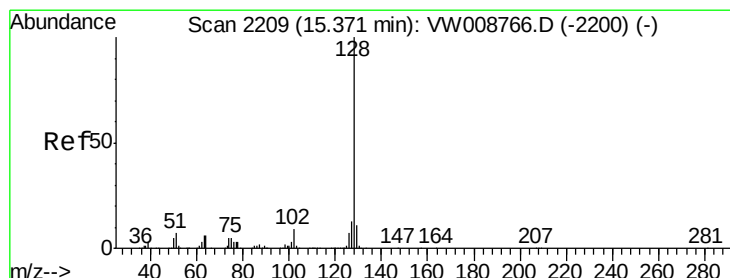
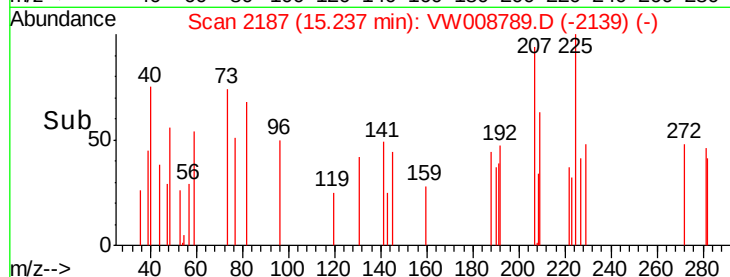
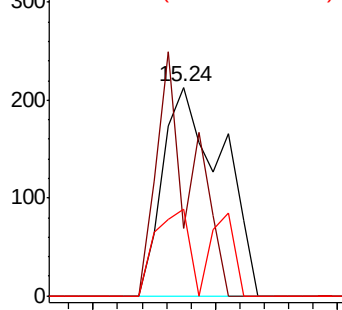
Lab File: VW008789.D

Acq: 22 Feb 2019 15:11

Tgt Ion:	225	Resp:	357
Ion	Ratio	Lower	Upper
225	100		
223	70.0	31.5	94.5
227	23.5	31.6	94.8#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.910 ug/l

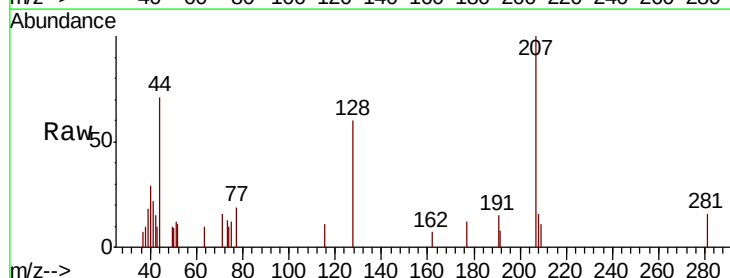
RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

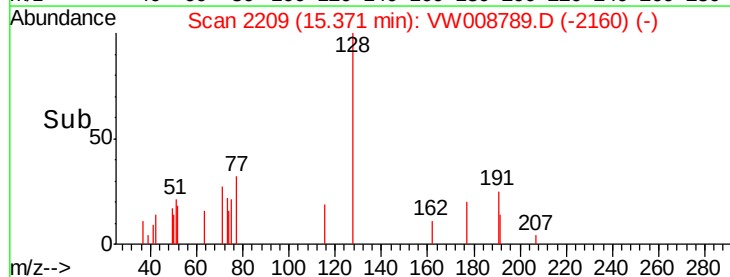
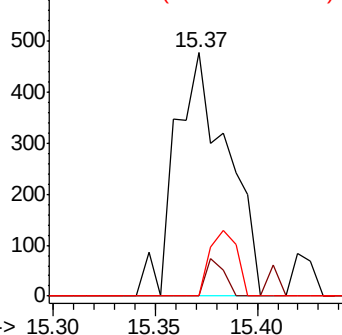
Lab File: VW008789.D

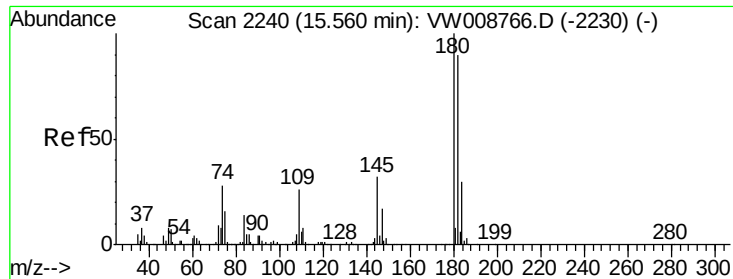
Acq: 22 Feb 2019 15:11

Tgt Ion:	128	Resp:	848
Ion	Ratio	Lower	Upper
128	100		
127	5.4	10.8	16.2#
129	14.0	8.7	13.1#



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





#96
 1,2,3-Trichlorobenzene
 Concen: 2.507 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW008789.D
 Acq: 22 Feb 2019 15:11

Tgt Ion:	180	Resp:	371
Ion	Ratio	Lower	Upper
180	100		
182	118.1	46.9	140.8
145	16.7	15.9	47.6

