

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007288.D
 Acq On : 06 Dec 2018 19:34
 Operator : SY/AP
 Sample : J6231-01RE
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 07 01:16:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	7828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	12472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	10686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3558	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.90	113	3058	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
50) Toluene-d8	10.33	98	11098	35.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.56%	
62) 4-Bromofluorobenzene	12.62	95	4985	41.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.96%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	236	2.176	ug/l #	42
5) Bromomethane	2.79	94	72	2.116	ug/l #	4
16) Acetone	4.13	43	1551	89.894	ug/l	98
17) Carbon Disulfide	4.40	76	732	2.963	ug/l #	75
20) Methylene Chloride	4.93	84	741	3.699	ug/l #	71
25) 2-Butanone	7.13	43	82	4.100	ug/l #	46
31) Cyclohexane	7.96	56	259	1.791	ug/l #	42
36) 1,1-Dichloropropene	7.96	75	573	4.722	ug/l #	41
37) Ethyl Acetate	7.13	43	82	1.868	ug/l #	36
38) Carbon Tetrachloride	7.96	117	881	7.113	ug/l #	13
44) Trichloroethene	9.10	130	4808	51.401	ug/l	85
48) Methyl methacrylate	9.42	41	236	5.333	ug/l #	35
51) 4-Methyl-2-Pentanone	10.21	43	69	1.642	ug/l #	35
53) t-1,3-Dichloropropene	10.74	75	114	1.071	ug/l #	42
55) 1,1,2-Trichloroethane	10.76	97	560	9.784	ug/l #	23
59) 2-Hexanone	10.94	43	1604	52.664	ug/l #	23
67) Ethyl Benzene	11.73	91	628	1.444	ug/l	95
68) m/p-Xylenes	11.84	106	2961	17.352	ug/l	90
69) o-Xylene	12.16	106	1562	9.797	ug/l	90
73) Isopropylbenzene	12.47	105	3496	7.759	ug/l	94
74) N-amyl acetate	12.26	43	15695	196.462	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.69	83	1169	19.976	ug/l #	58
76) 1,2,3-Trichloropropane	12.90	75	84	1.958	ug/l #	100
78) n-propylbenzene	12.81	91	12631	23.529	ug/l	94
79) 2-Chlorotoluene	12.94	91	2228	7.350	ug/l	75
80) 1,3,5-Trimethylbenzene	12.95	105	10449	27.107	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	2156	108.329	ug/l #	29
82) 4-Chlorotoluene	12.94	91	2228	6.909	ug/l	73
83) tert-Butylbenzene	13.21	119	1684	4.999	ug/l	72
84) 1,2,4-Trimethylbenzene	13.26	105	85195	216.518	ug/l	94
85) sec-Butylbenzene	13.39	105	16262	33.816	ug/l #	72
86) p-Isopropyltoluene	13.51	119	14584	34.067	ug/l	95
89) n-Butylbenzene	13.83	91	30616	76.532	ug/l #	71
90) Hexachloroethane	14.10	117	9012	138.143	ug/l #	14

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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration

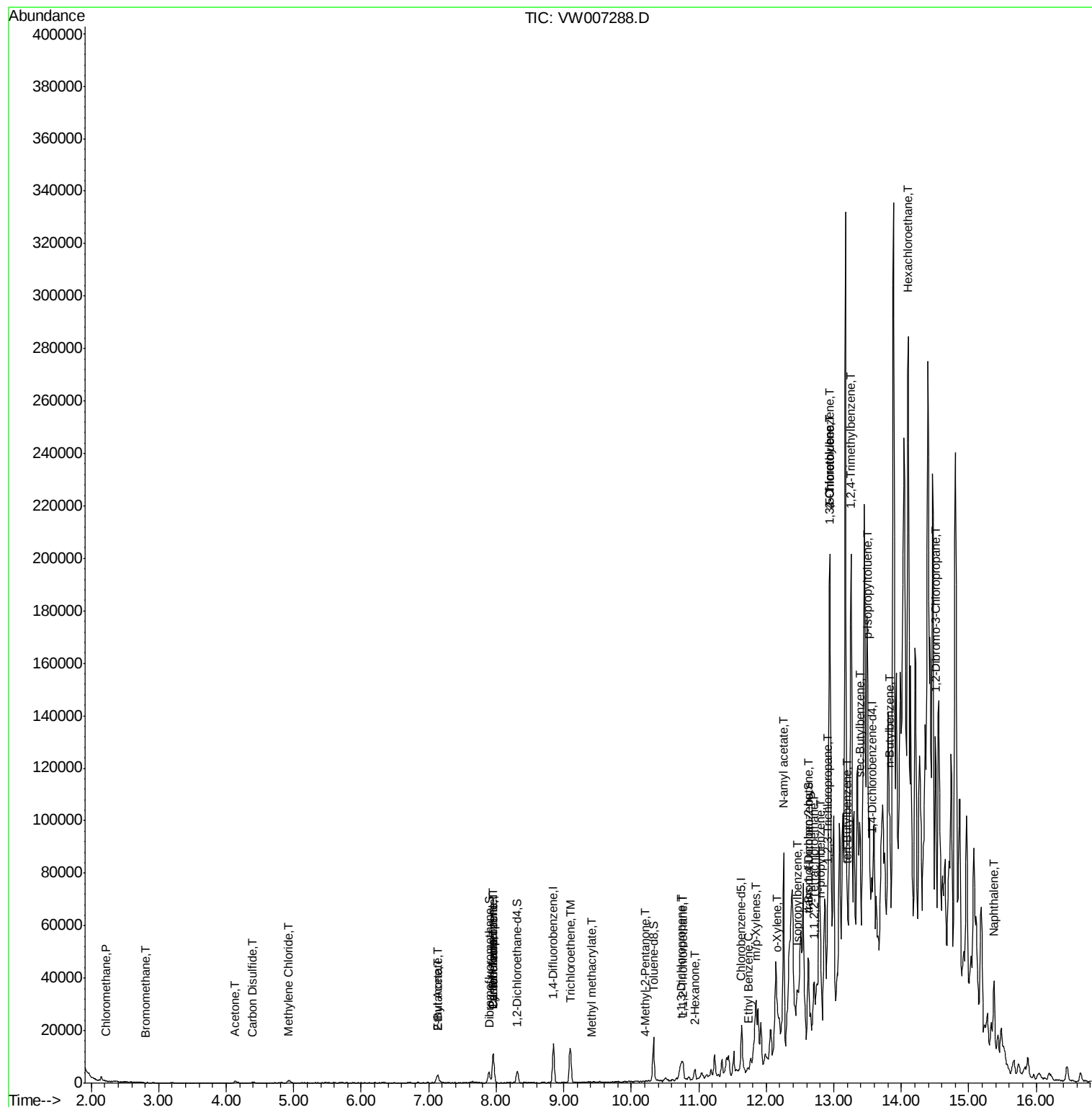
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.50	75	297	26.199	ug/l #	1
95) Naphthalene	15.38	128	25758	119.984	ug/l	98

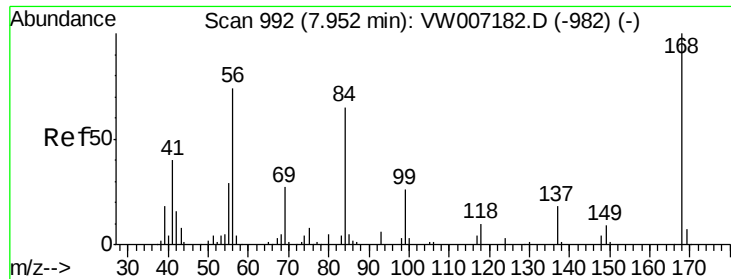
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

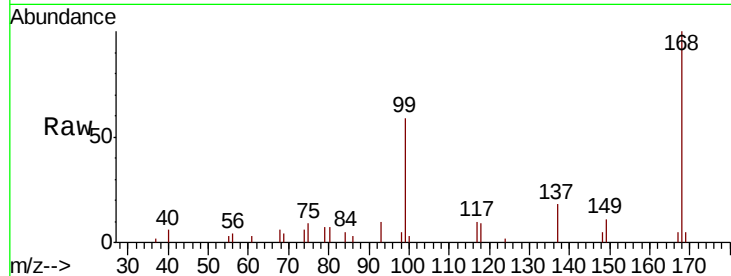
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 7828

Ion Ratio Lower Upper

168 100

99 59.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

4000

3000

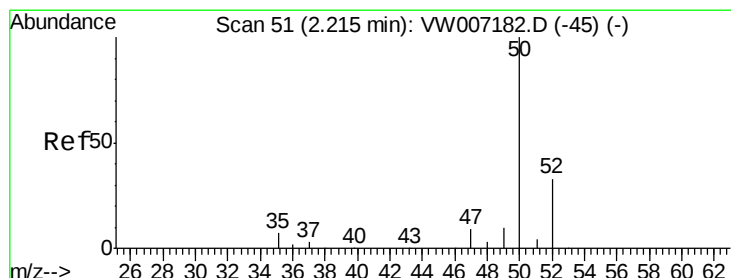
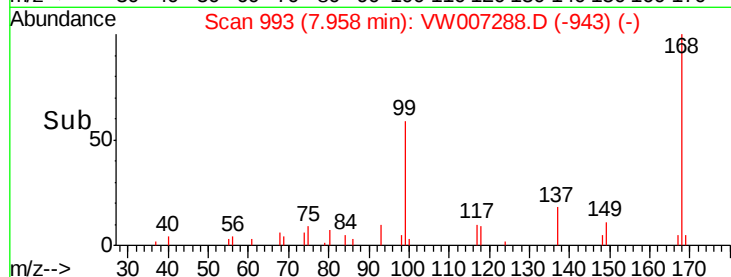
2000

1000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#3

Chloromethane

Concen: 2.176 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007288.D

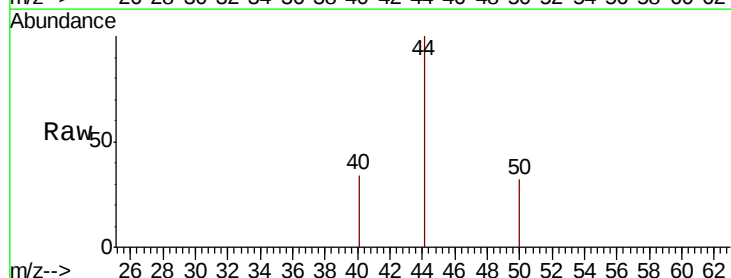
Acq: 06 Dec 2018 19:34

Tgt Ion: 50 Resp: 236

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

150

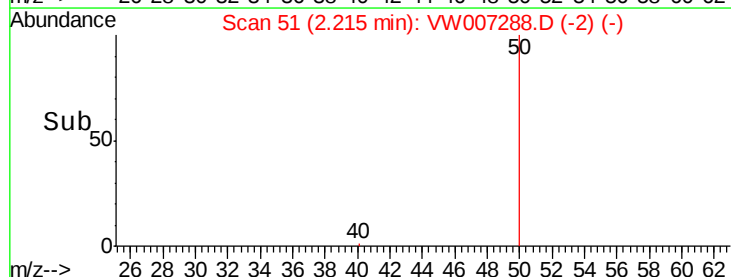
100

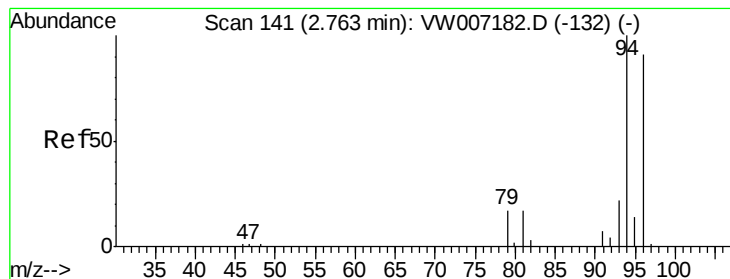
50

0

Time-->

2.18 2.20 2.22 2.24 2.26





#5

Bromomethane

Concen: 2.116 ug/l

RT: 2.79 min Scan# 146

Delta R.T. 0.03 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

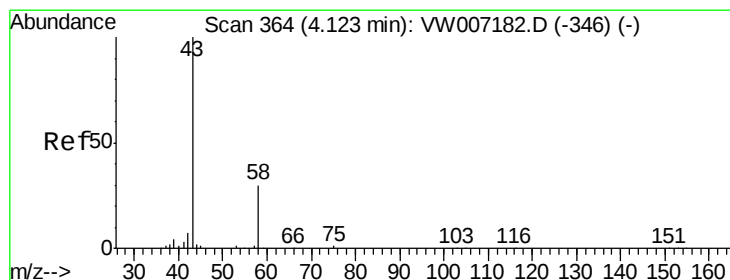
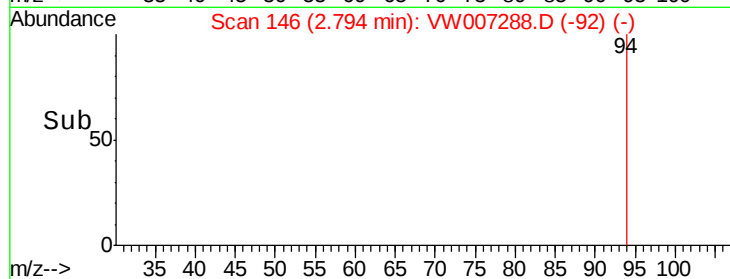
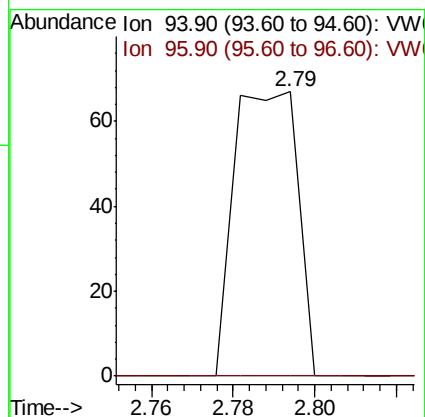
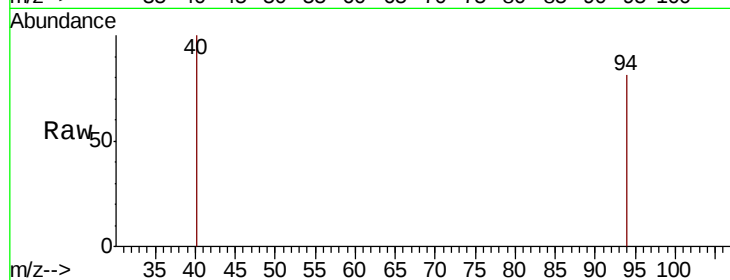
ClientSampleId :

Tot Ion: 94 Resp: 72

Ion Ratio Lower Upper

94 100

96 0.0 72.8 109.2#



#16

Acetone

Concen: 89.894 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007288.D

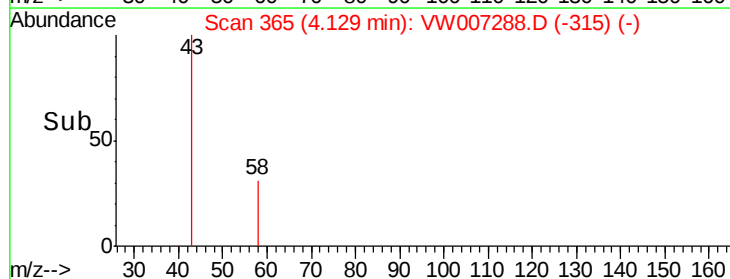
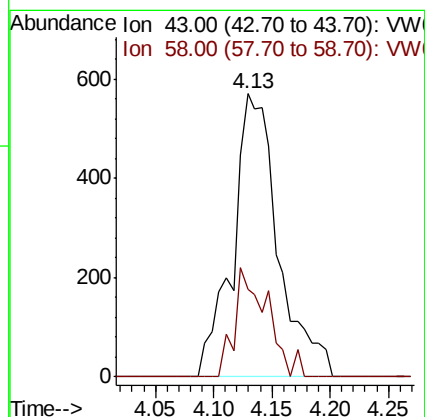
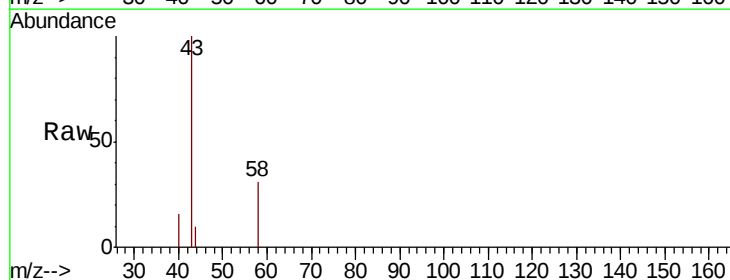
Acq: 06 Dec 2018 19:34

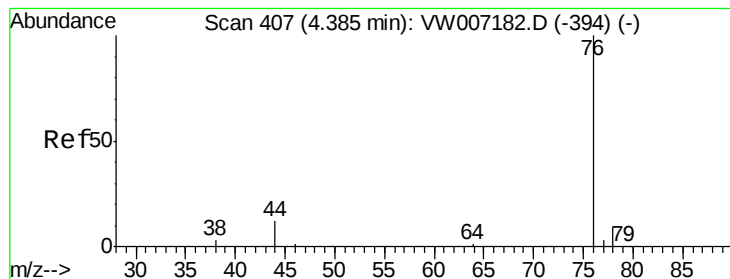
Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

58 30.9 23.8 35.8





#17

Carbon Disulfide

Concen: 2.963 ug/l

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

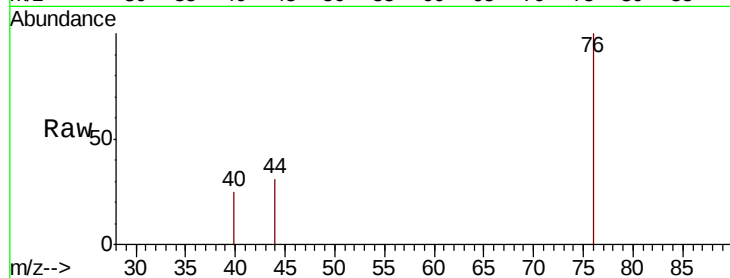
ClientSampleId :

Tot Ion: 76 Resp: 732

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.40

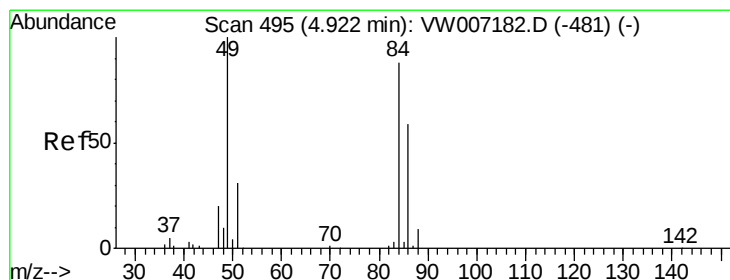
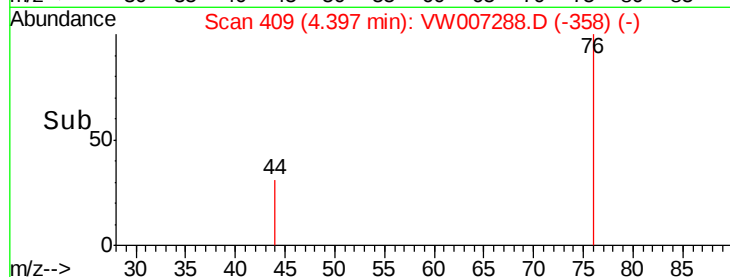
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 3.699 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Tgt Ion: 84 Resp: 741

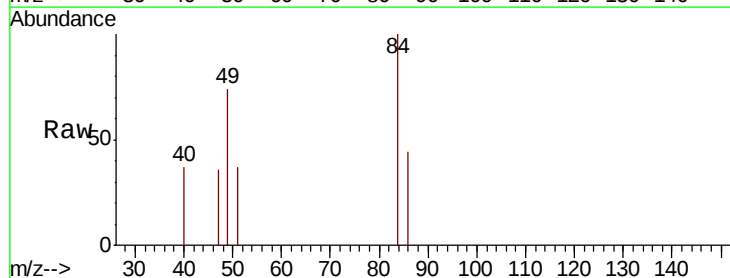
Ion Ratio Lower Upper

84 100

49 74.3 90.6 135.8#

51 36.8 27.6 41.4

86 43.8 53.7 80.5#



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

500

400

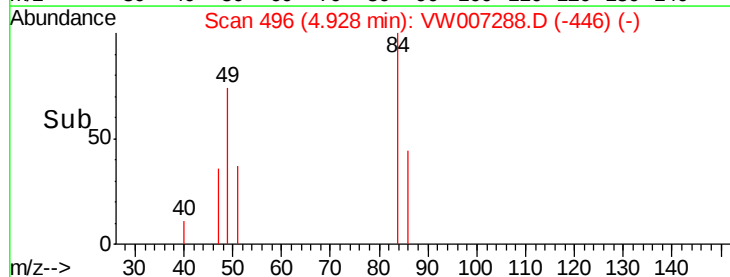
300

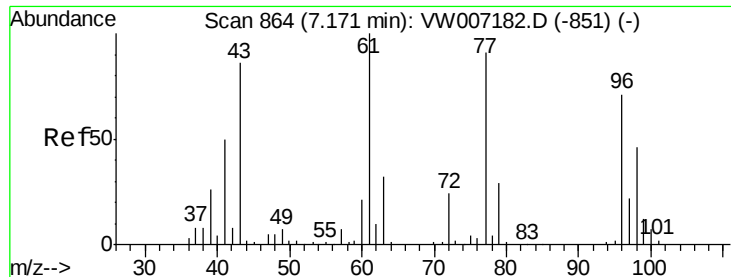
200

100

0

Time-->

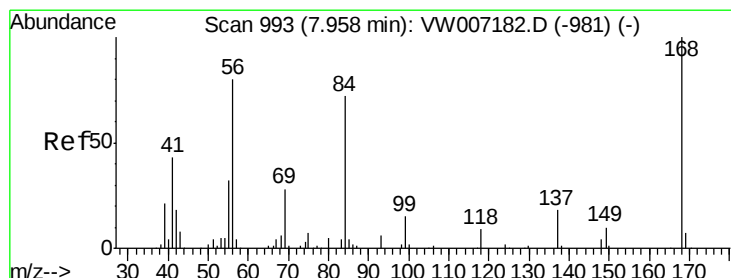
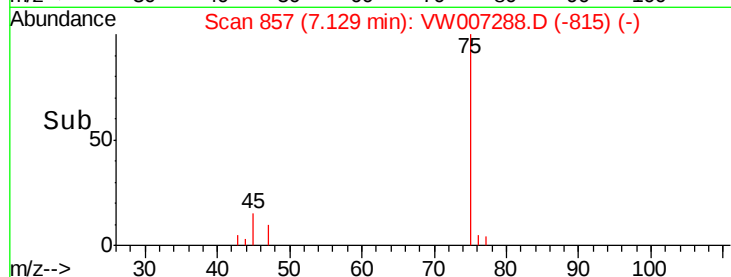
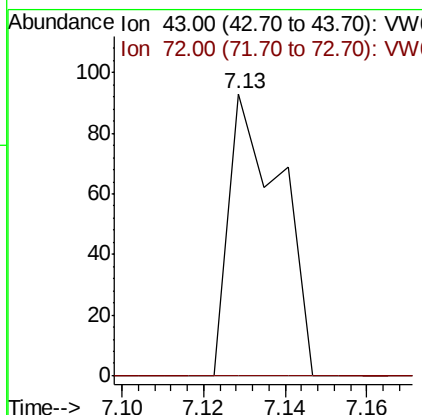
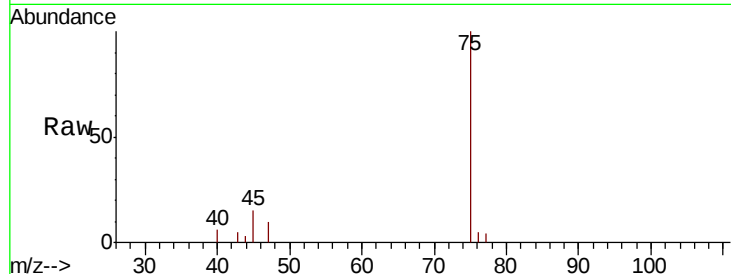




#25
 2-Butanone
 Concen: 4.100 ug/l
 RT: 7.13 min Scan# 857
 Delta R.T. -0.04 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

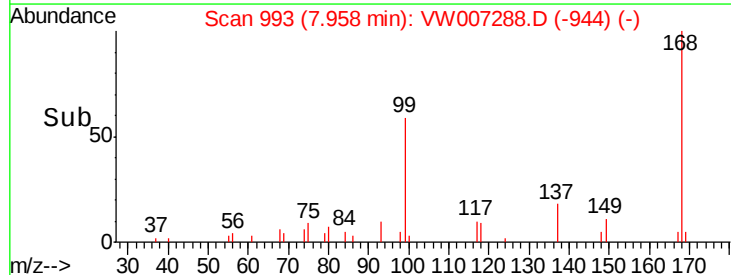
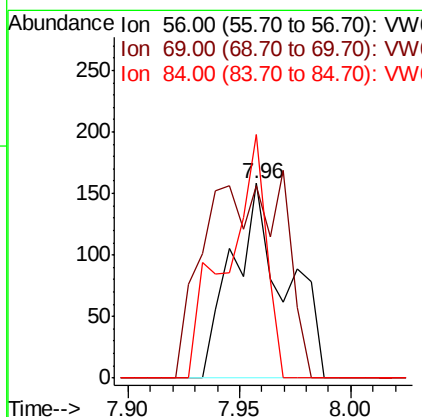
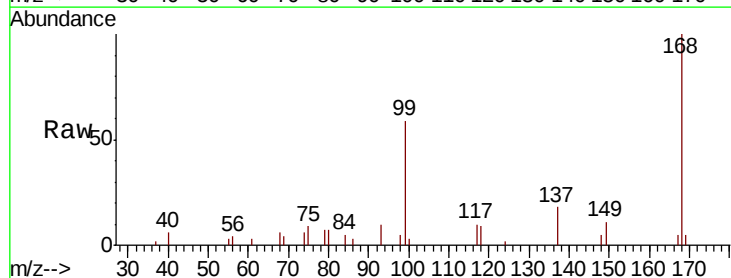
Instrument :
 MSVOA_W
 ClientSampled :

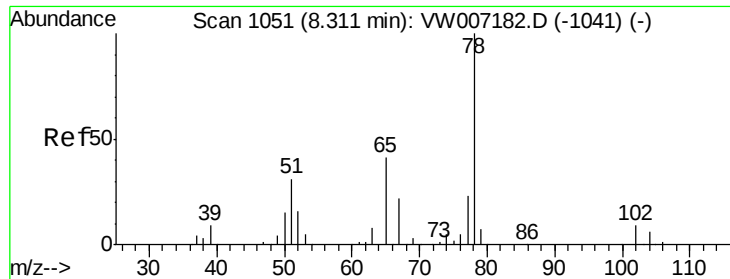
Tot Ion: 43 Resp: 82
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.791 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

Tgt Ion: 56 Resp: 259
 Ion Ratio Lower Upper
 56 100
 69 98.7 28.2 42.2#
 84 125.3 72.1 108.1#

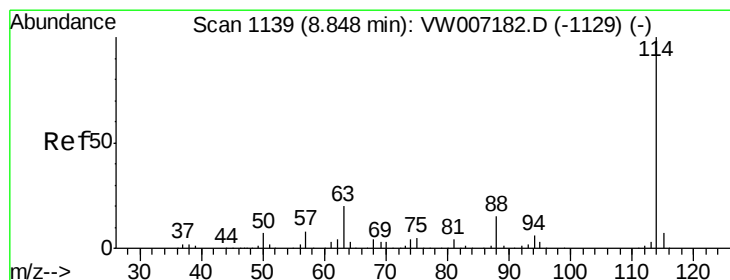
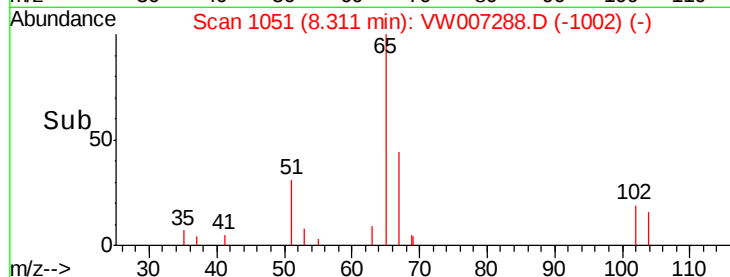
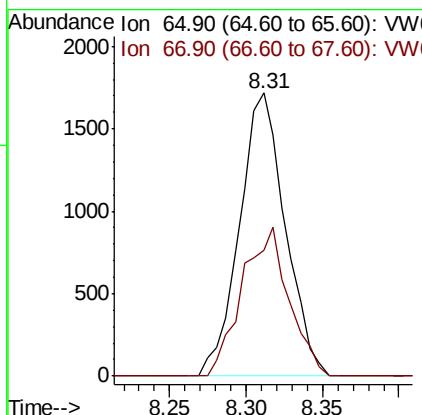
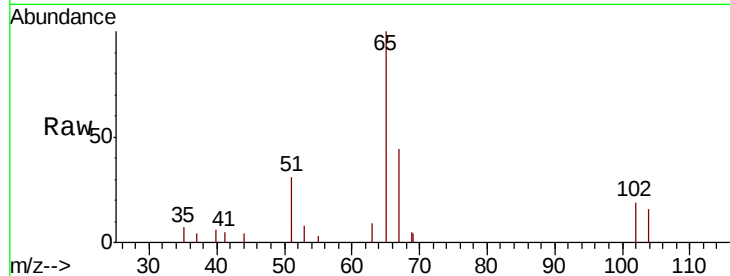




#33
 1,2-Dichloroethane-d4
 Concen: 48.819 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

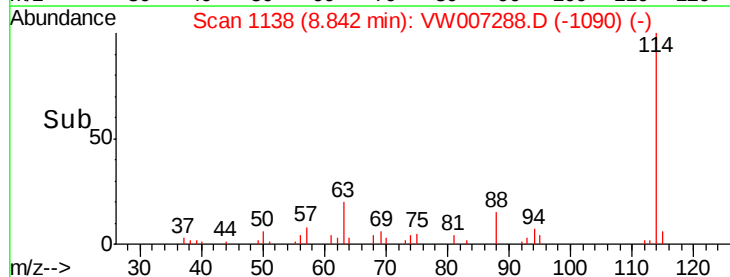
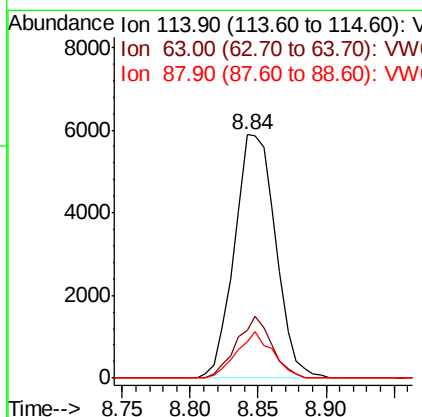
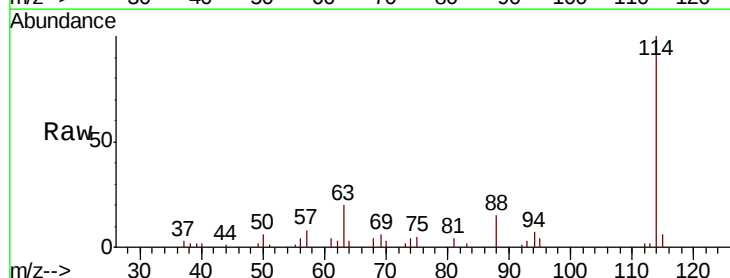
Instrument :
 MSVOA_W
 ClientSampleId :

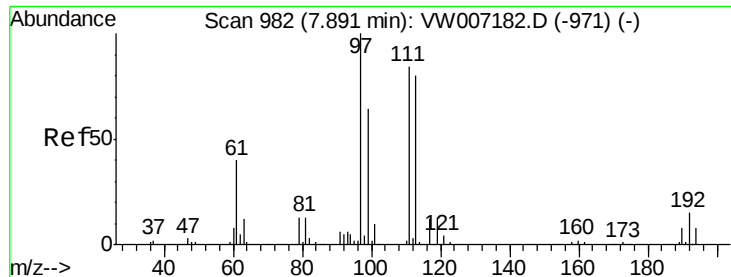
Tot Ion: 65 Resp: 3558
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

Tgt Ion: 114 Resp: 12472
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 42.821 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :
MSVOA_W
ClientSampleId :

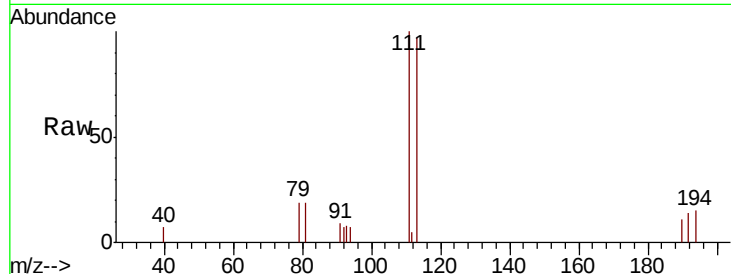
Tot Ion:113 Resp: 3058

Ion Ratio Lower Upper

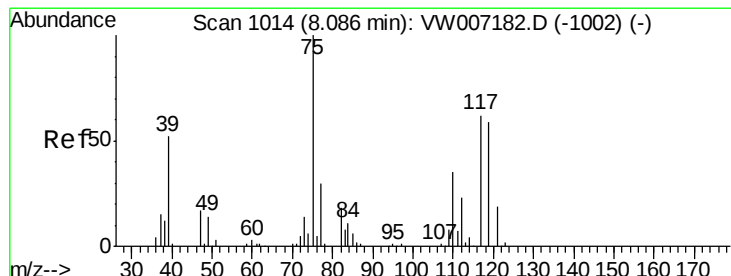
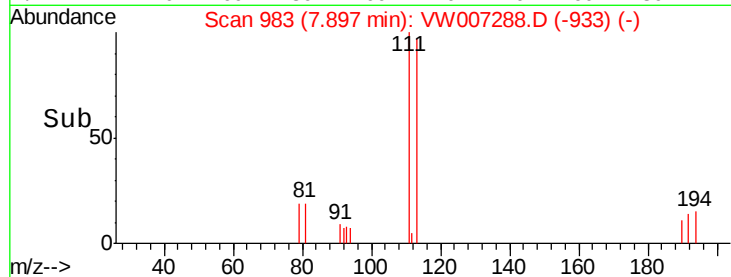
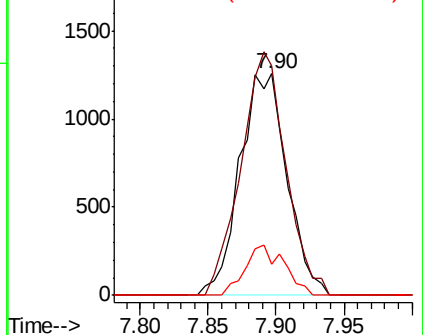
113 100

111 104.8 82.2 123.4

192 18.6 14.4 21.6



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



#36

1,1-Dichloropropene

Concen: 4.722 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

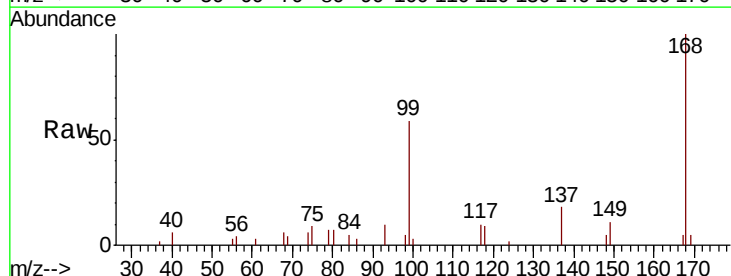
Tgt Ion: 75 Resp: 573

Ion Ratio Lower Upper

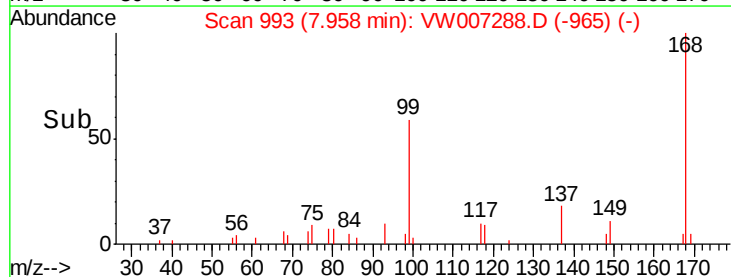
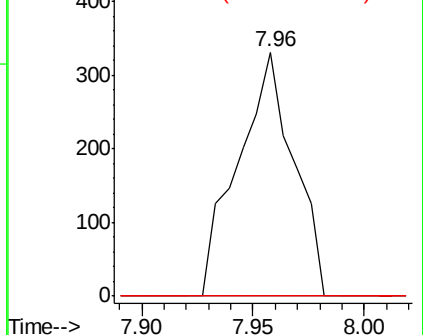
75 100

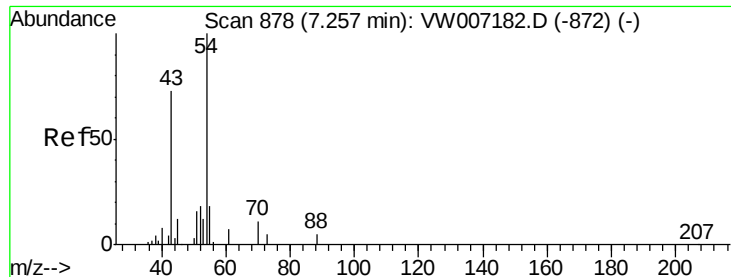
110 0.0 18.3 54.9#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 1.868 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.13 min

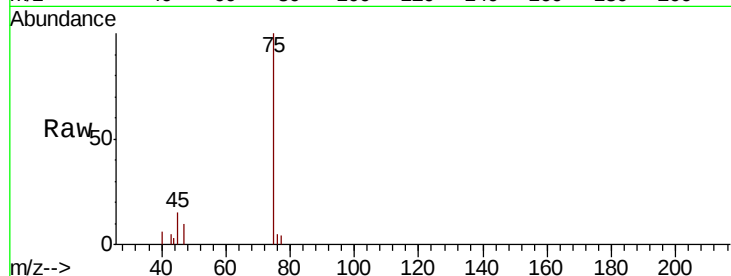
Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

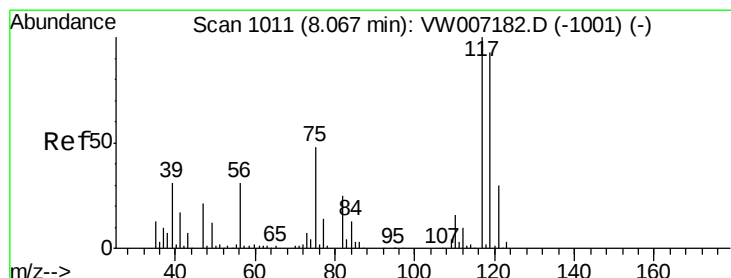
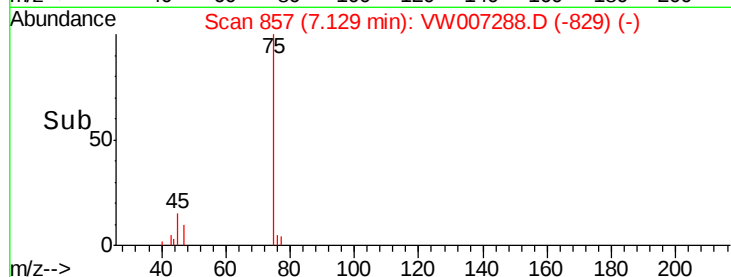
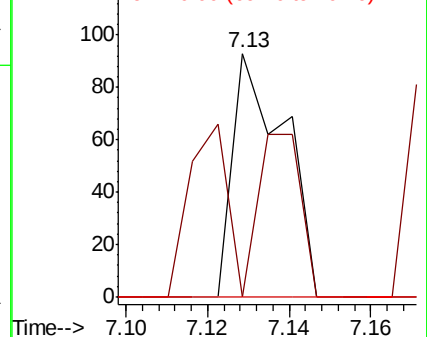
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
61	52.4	12.1	18.1#
70	0.0	9.1	13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 7.113 ug/l

RT: 7.96 min Scan# 994

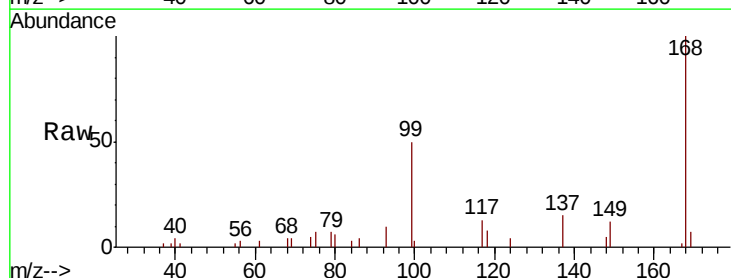
Delta R.T. -0.10 min

Lab File: VW007288.D

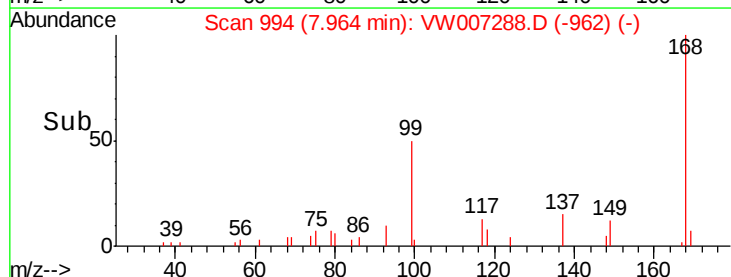
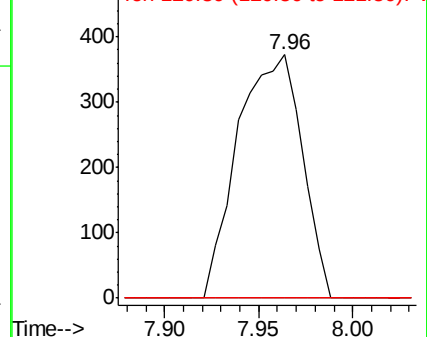
Acq: 06 Dec 2018 19:34

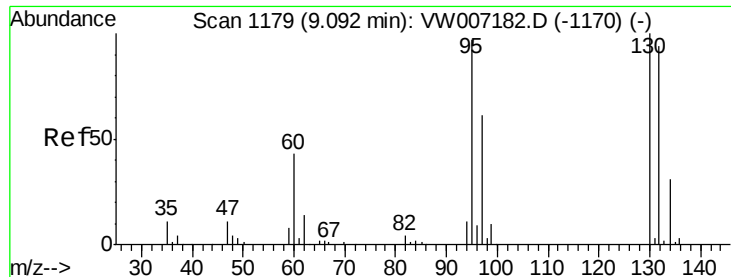
Tgt Ion: 117 Resp: 881

Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.1	111.1#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 51.401 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

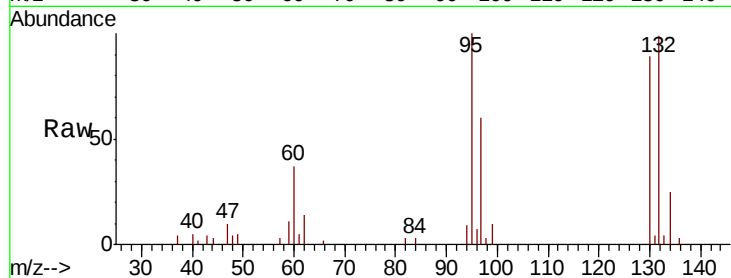
ClientSampled :

Tot Ion:130 Resp: 4808

Ion Ratio Lower Upper

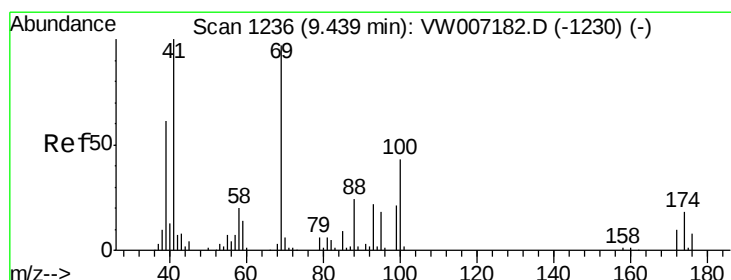
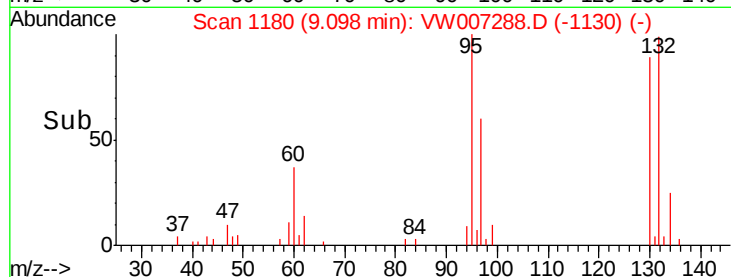
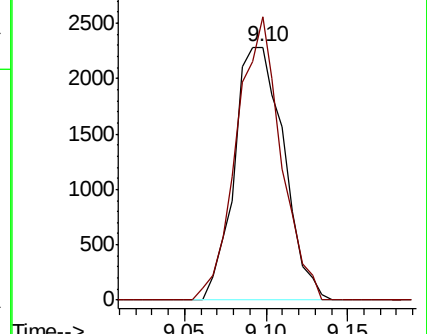
130 100

95 111.9 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#48

Methyl methacrylate

Concen: 5.333 ug/l

RT: 9.42 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

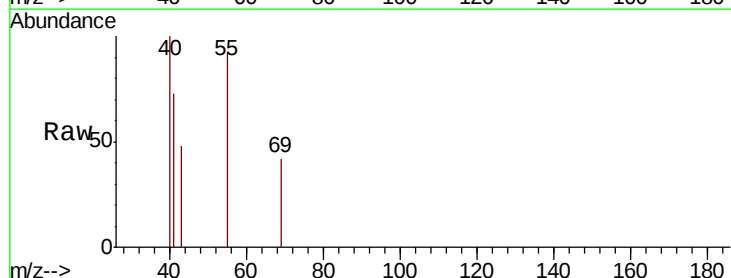
Tgt Ion: 41 Resp: 236

Ion Ratio Lower Upper

41 100

69 32.2 69.6 104.4#

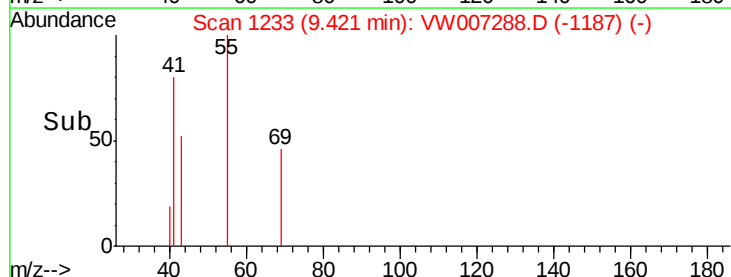
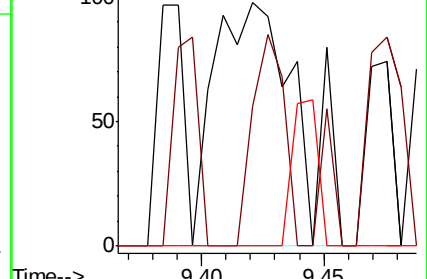
39 0.0 42.4 63.6#

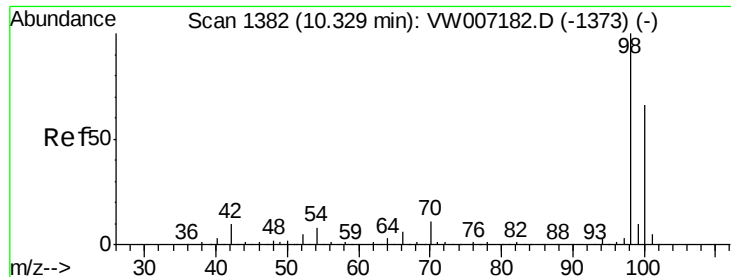


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 35.279 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

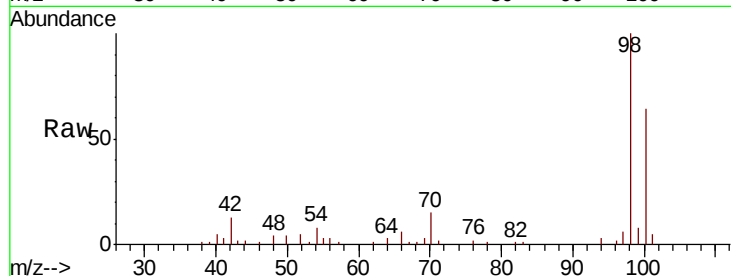
ClientSampleId :

Tot Ion: 98 Resp: 11098

Ion Ratio Lower Upper

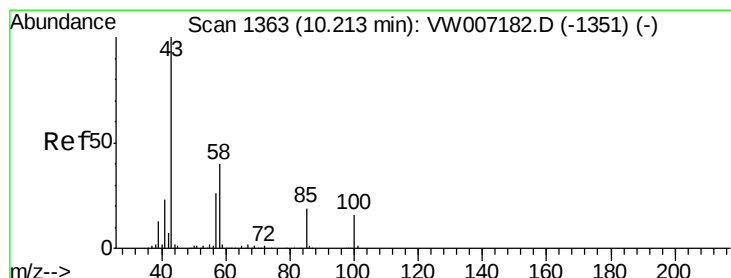
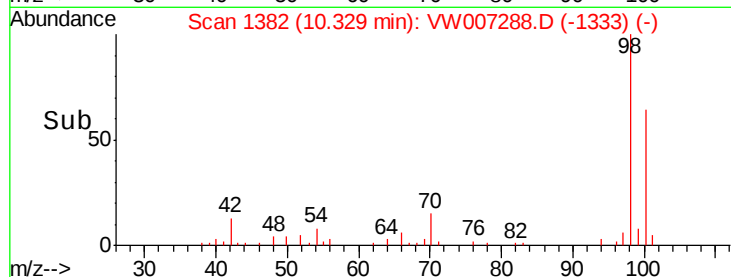
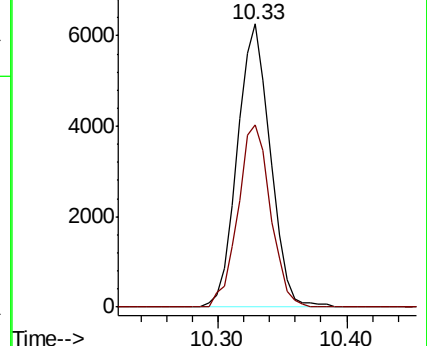
98 100

100 63.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.642 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW007288.D

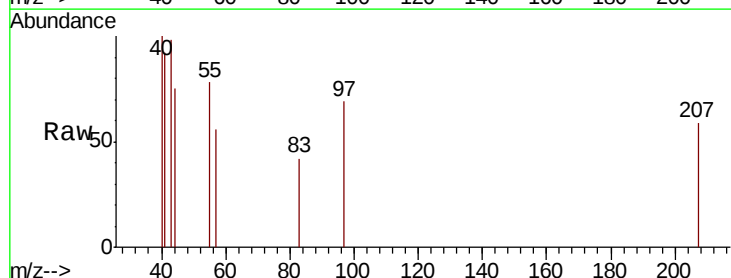
Acq: 06 Dec 2018 19:34

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

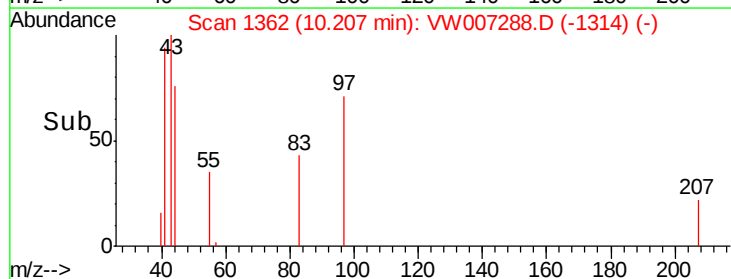
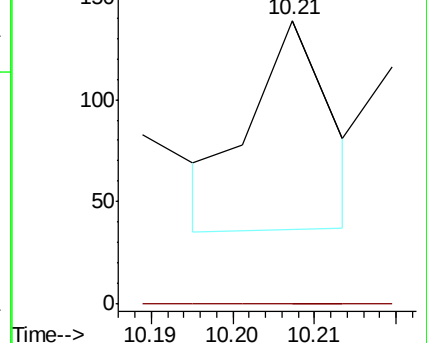
43 100

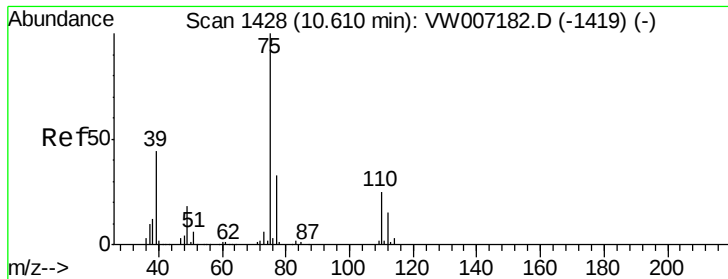
58 0.0 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#53

t-1,3-Dichloropropene

Concen: 1.071 ug/l

RT: 10.74 min Scan# 1449

Delta R.T. 0.13 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

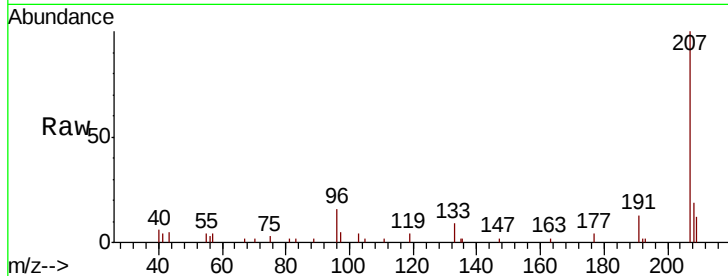
ClientSampled :

Tot Ion: 75 Resp: 114

Ion Ratio Lower Upper

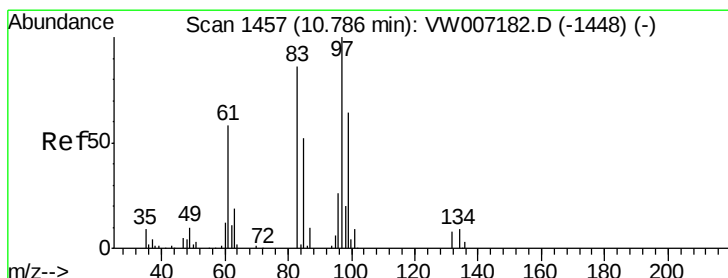
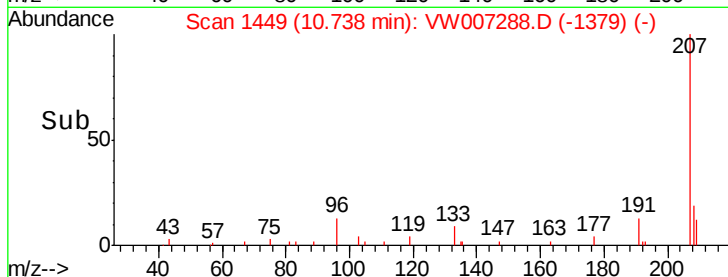
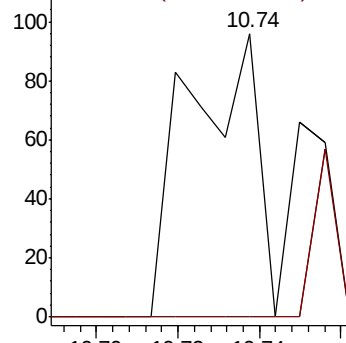
75 100

77 0.0 26.2 39.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#55

1,1,2-Trichloroethane

Concen: 9.784 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Tgt Ion: 97 Resp: 560

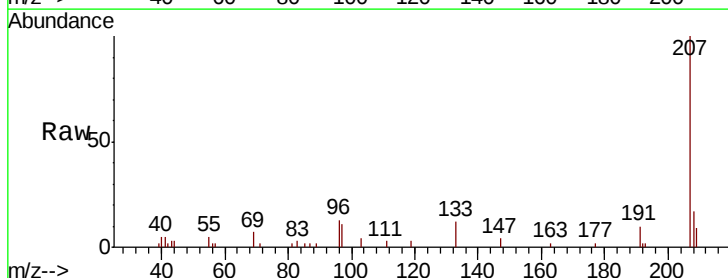
Ion Ratio Lower Upper

97 100

83 0.0 68.6 102.8#

85 21.7 41.4 62.2#

99 0.0 51.2 76.8#

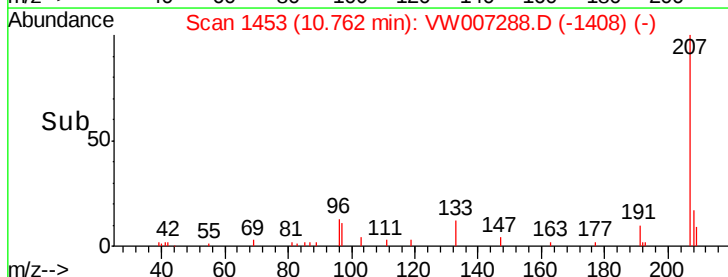
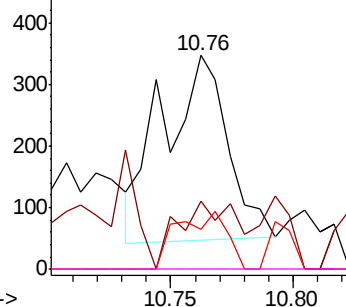


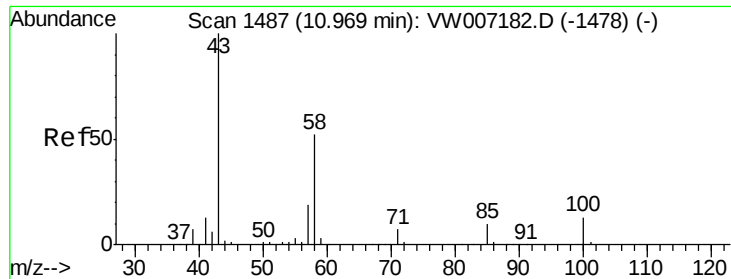
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

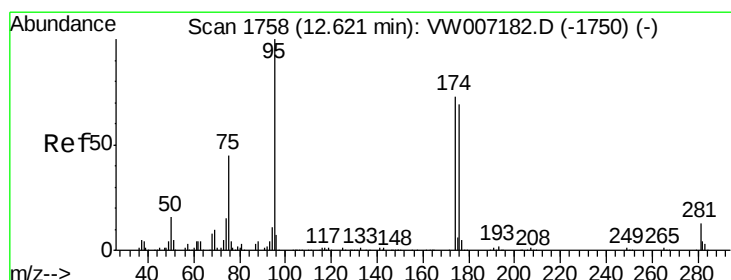
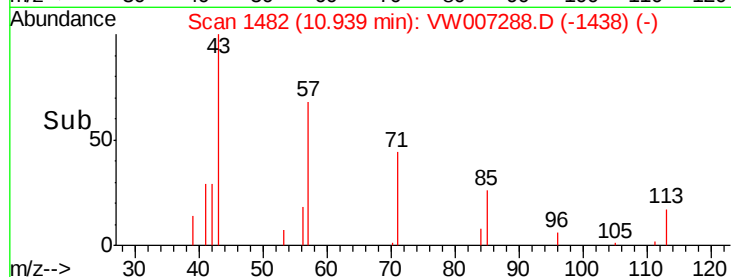
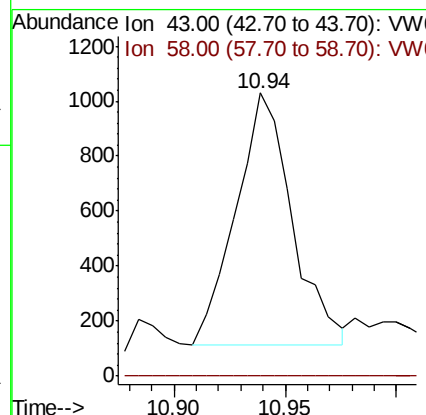
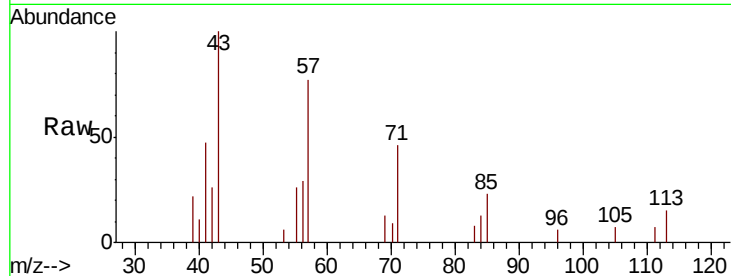




#59
2-Hexanone
Concen: 52.664 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

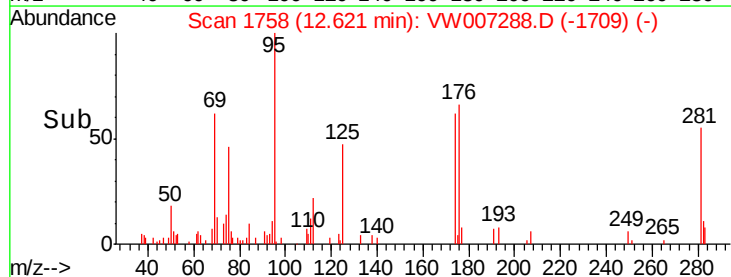
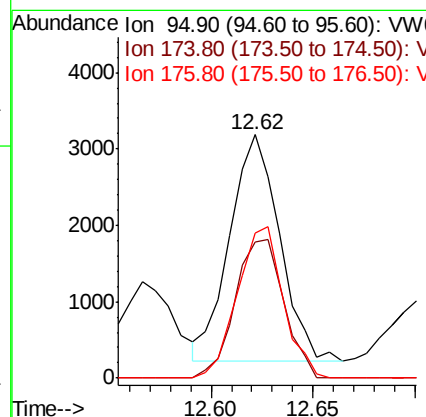
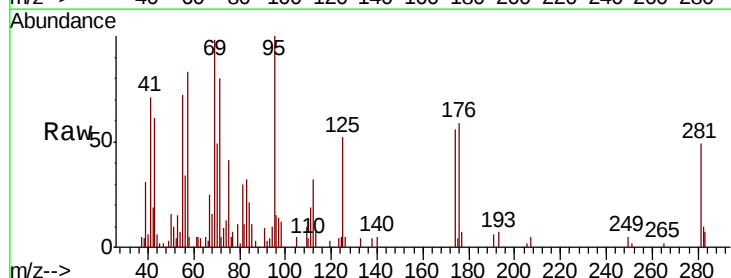
Instrument :
MSVOA_W
ClientSampleId :

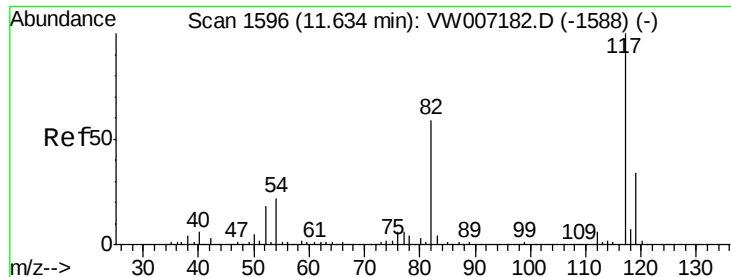
Tot Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 41.984 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion: 95 Resp: 4985
Ion Ratio Lower Upper
95 100
174 60.1 0.0 148.0
176 61.8 0.0 139.4

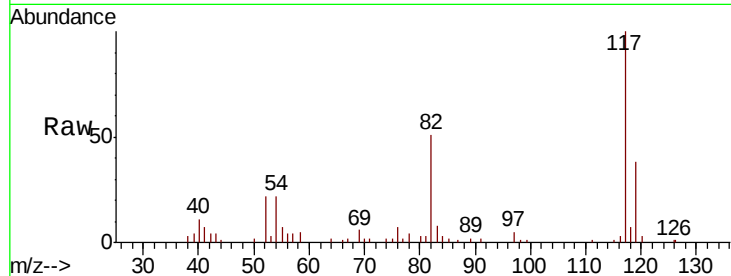




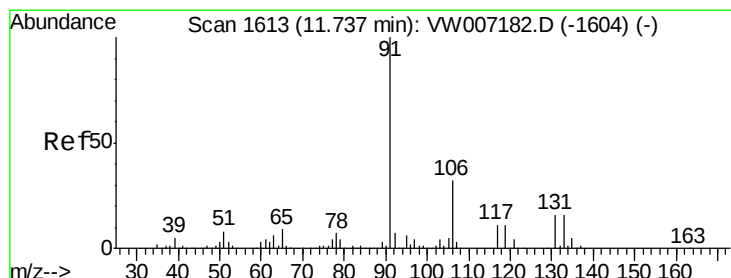
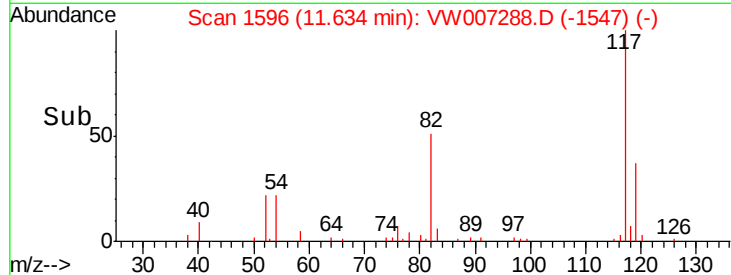
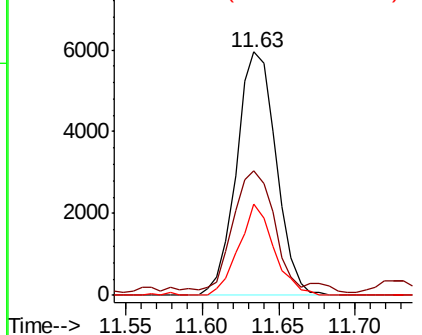
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 10686
Ion Ratio Lower Upper
117 100
82 49.4 47.4 71.2
119 37.6 26.8 40.2

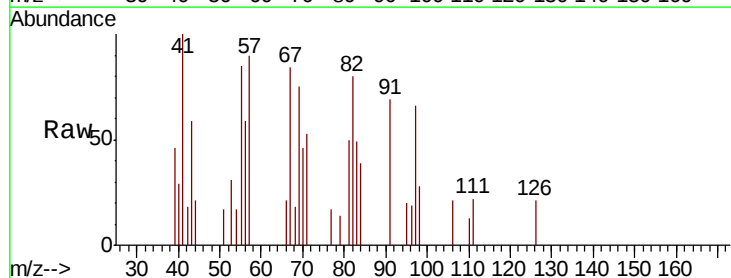


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

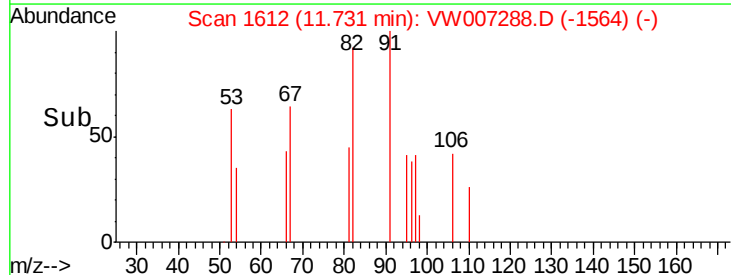
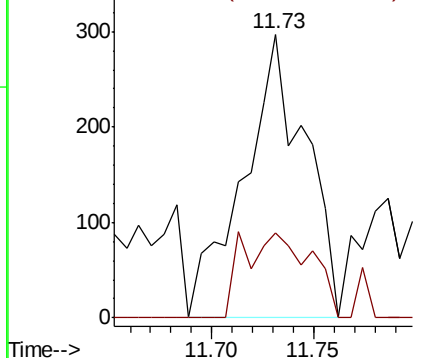


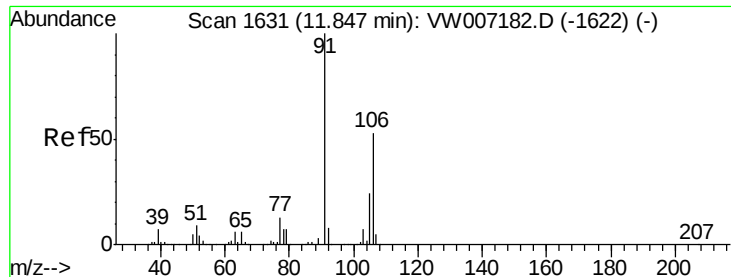
#67
Ethyl Benzene
Concen: 1.444 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion: 91 Resp: 628
Ion Ratio Lower Upper
91 100
106 30.0 26.0 39.0



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

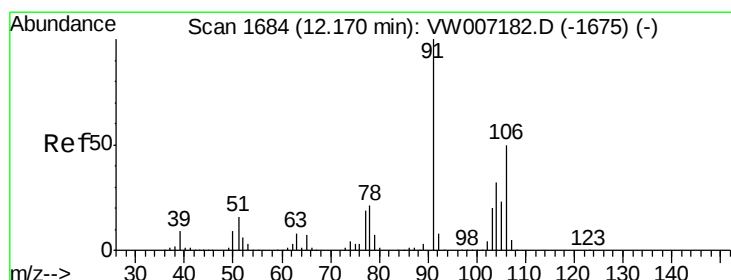
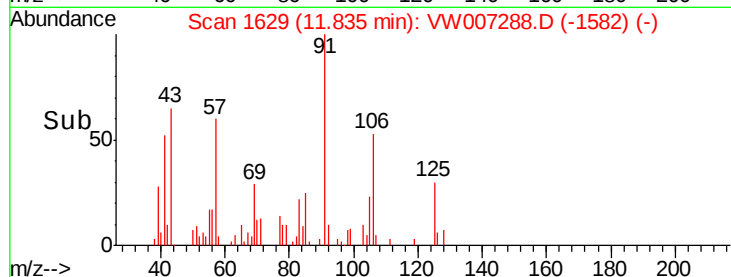
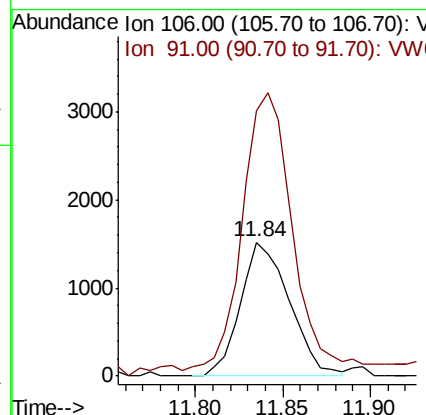
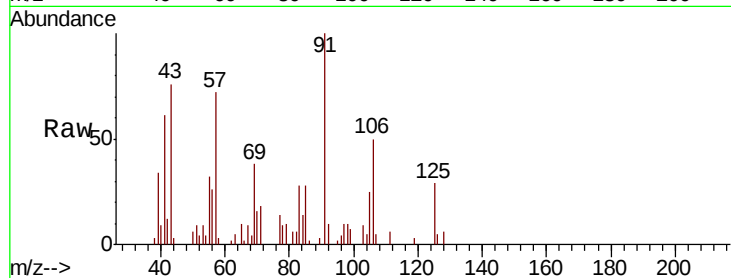




#68
m/p-Xylenes
Concen: 17.352 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

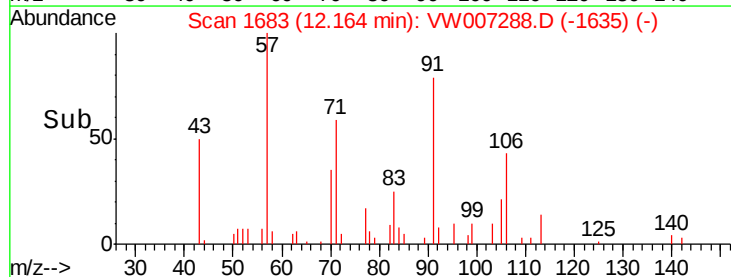
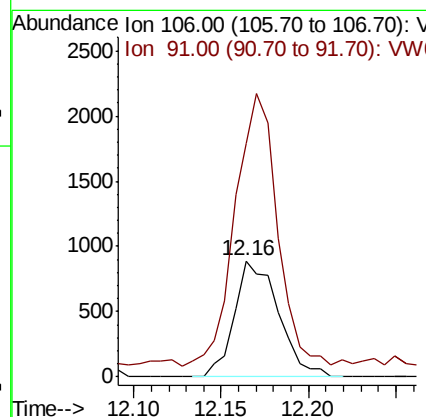
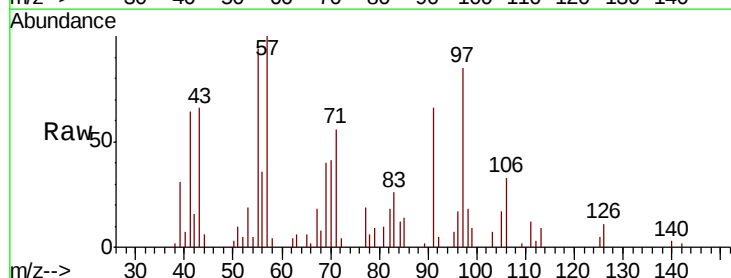
Instrument :
MSVOA_W
ClientSampled :

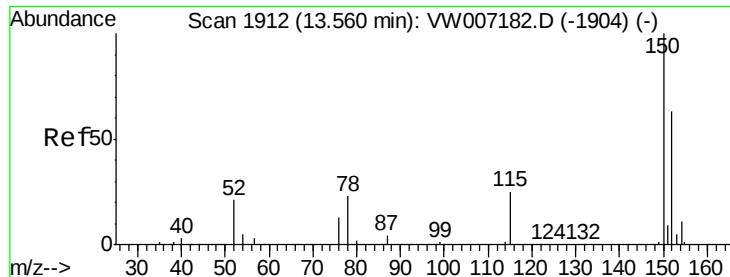
Tot Ion:106 Resp: 2961
Ion Ratio Lower Upper
106 100
91 215.8 160.2 240.4



#69
o-Xylene
Concen: 9.797 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion:106 Resp: 1562
Ion Ratio Lower Upper
106 100
91 224.8 104.9 314.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampled :

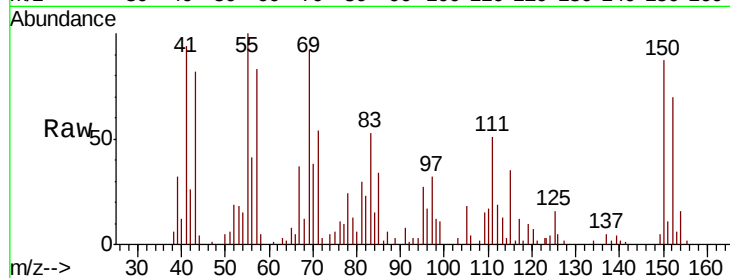
Tot Ion:152 Resp: 5540

Ion Ratio Lower Upper

152 100

115 69.4 31.3 93.8

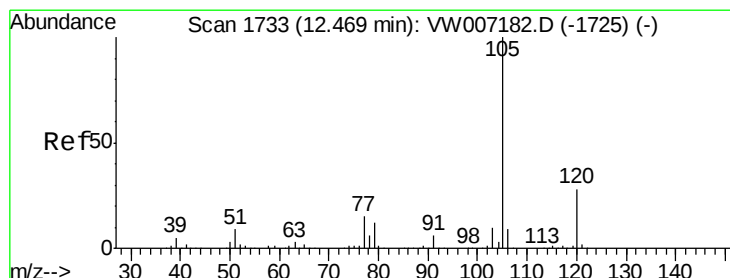
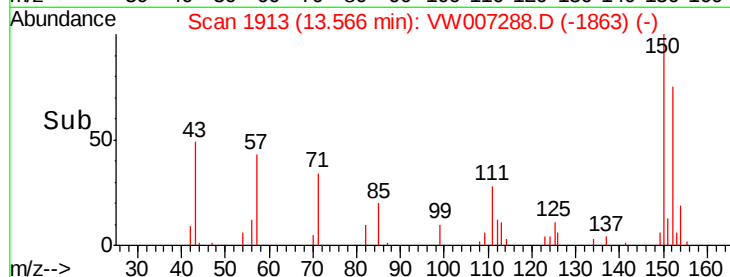
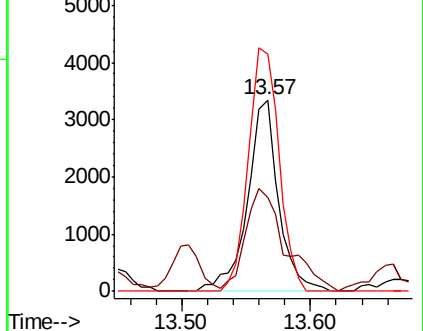
150 125.2 0.0 358.0



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



#73

Isopropylbenzene

Concen: 7.759 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007288.D

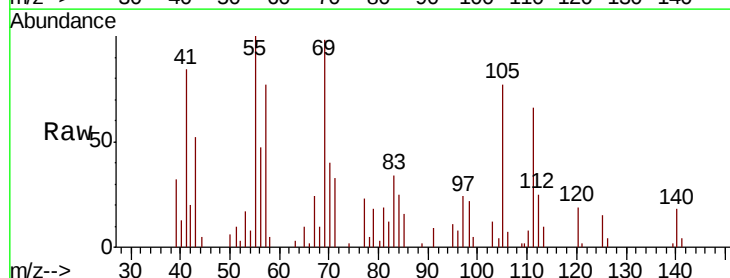
Acq: 06 Dec 2018 19:34

Tgt Ion:105 Resp: 3496

Ion Ratio Lower Upper

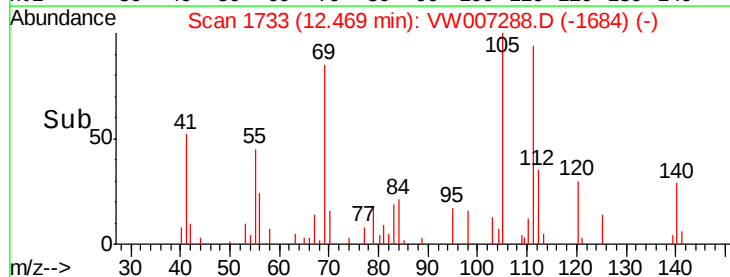
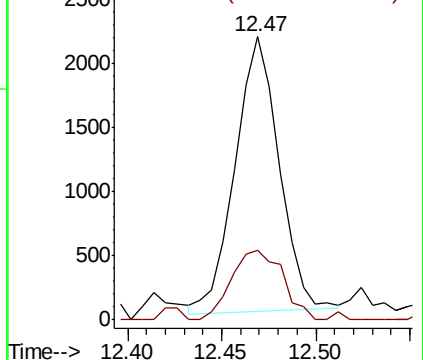
105 100

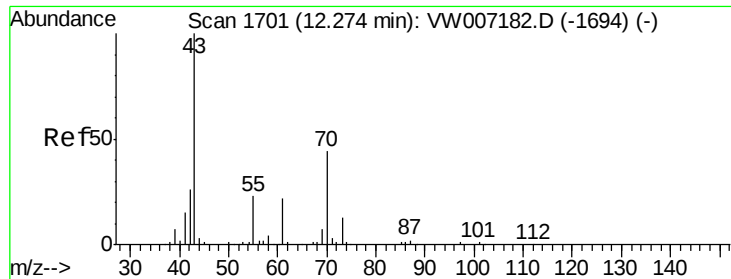
120 29.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 196.462 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 15695

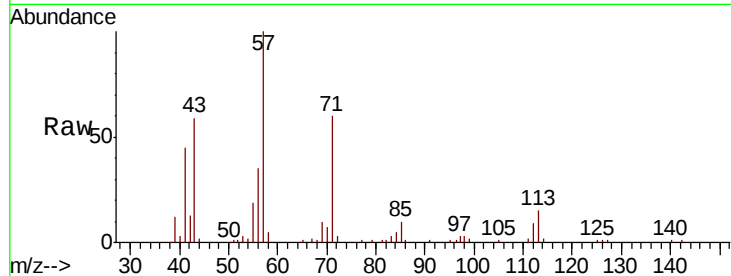
Ion Ratio Lower Upper

43 100

70 15.5 34.0 51.0#

55 35.2 19.0 28.6#

61 0.0 19.7 29.5#



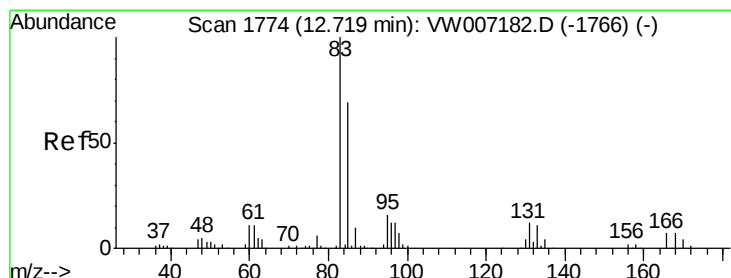
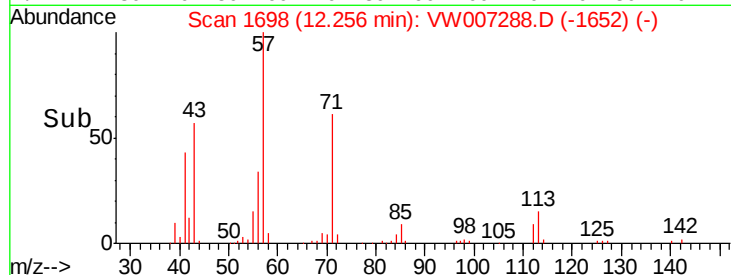
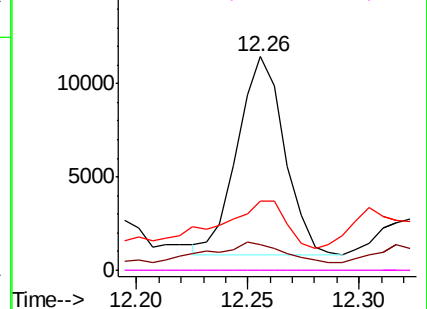
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 19.976 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

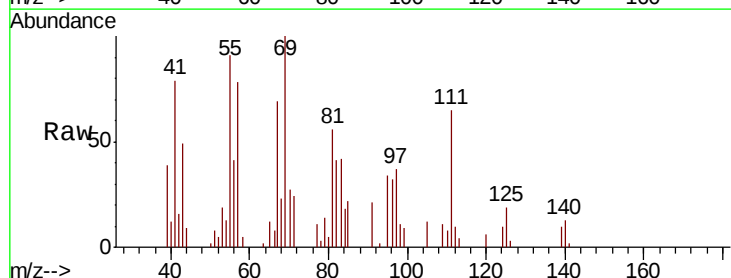
Tgt Ion: 83 Resp: 1169

Ion Ratio Lower Upper

83 100

131 0.0 6.0 18.1#

85 101.1 33.0 99.0#

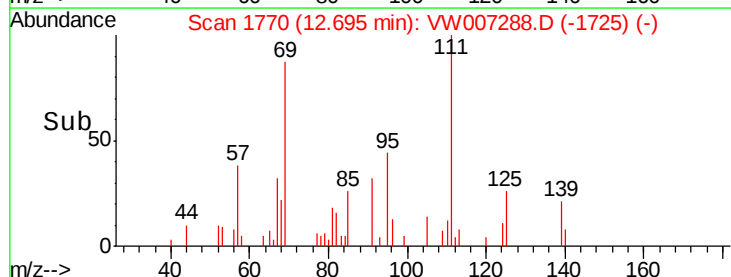
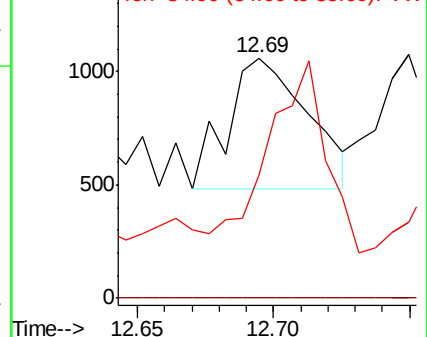


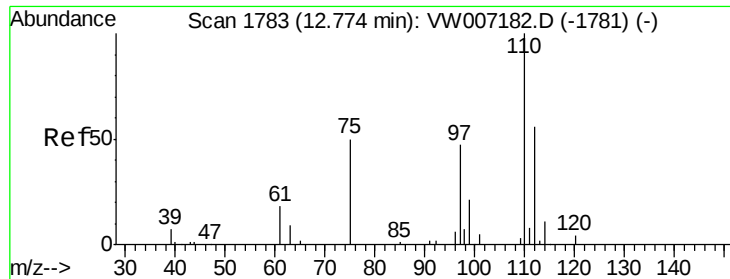
Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 1.958 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.13 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

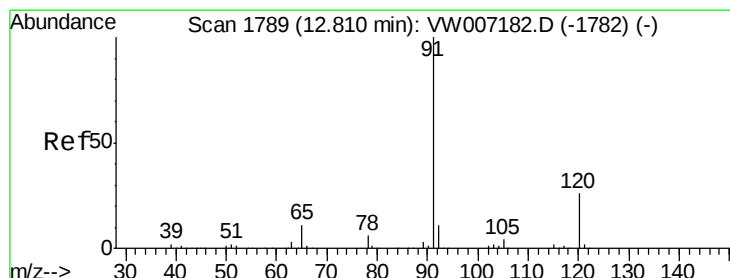
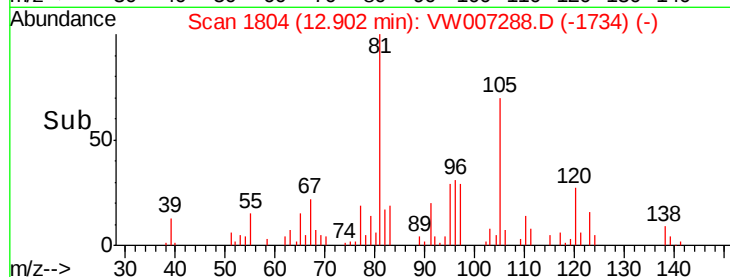
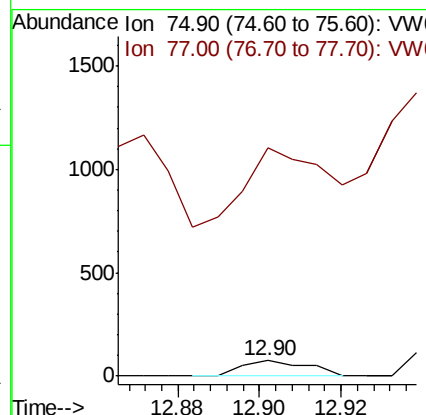
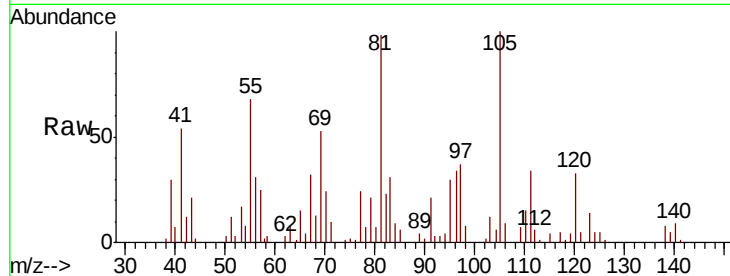
ClientSampleId :

Tot Ion: 75 Resp: 84

Ion Ratio Lower Upper

75 100

77 1786.9 0.0 0.0#



#78

n-propylbenzene

Concen: 23.529 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007288.D

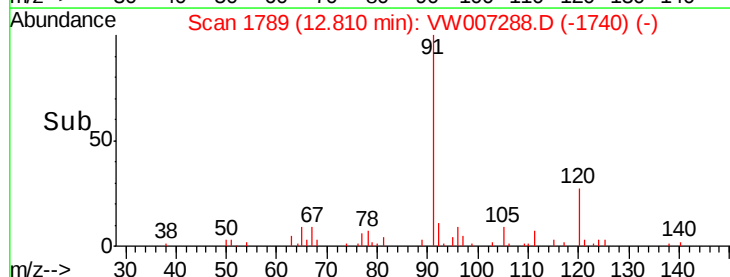
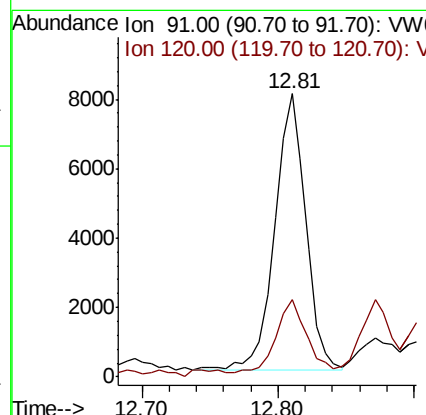
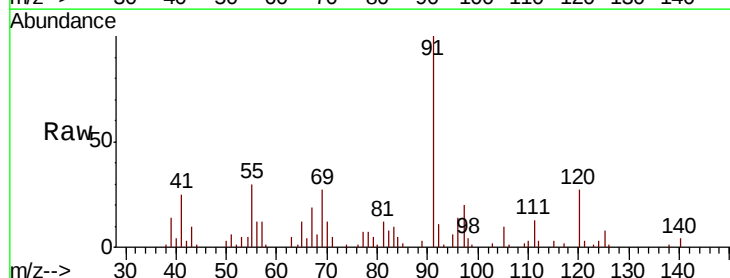
Acq: 06 Dec 2018 19:34

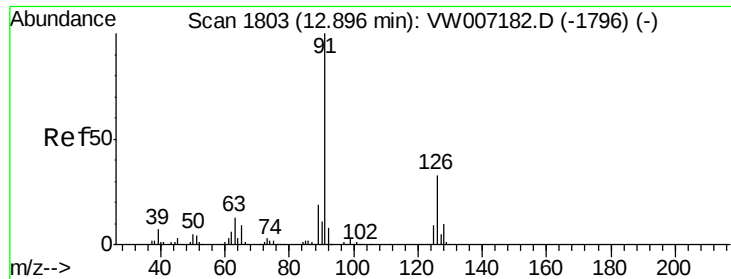
Tgt Ion: 91 Resp: 12631

Ion Ratio Lower Upper

91 100

120 27.9 12.5 37.5

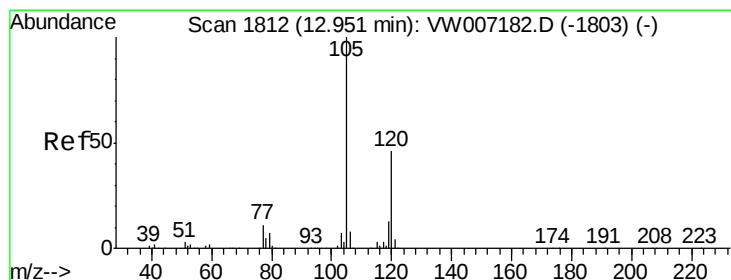
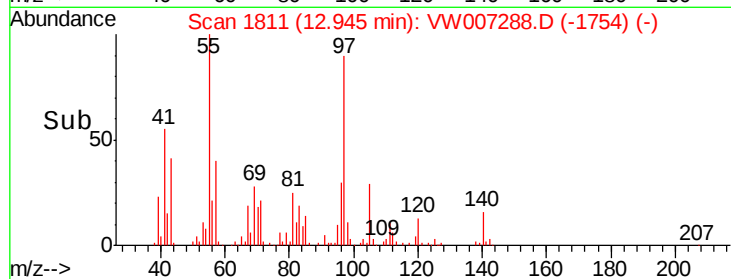
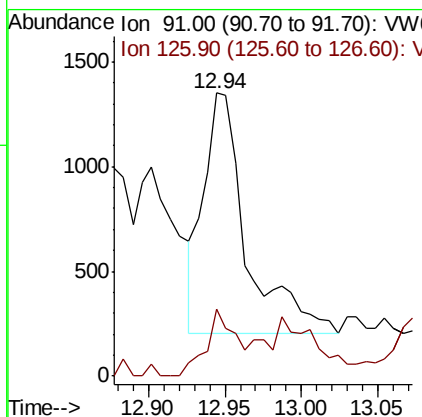
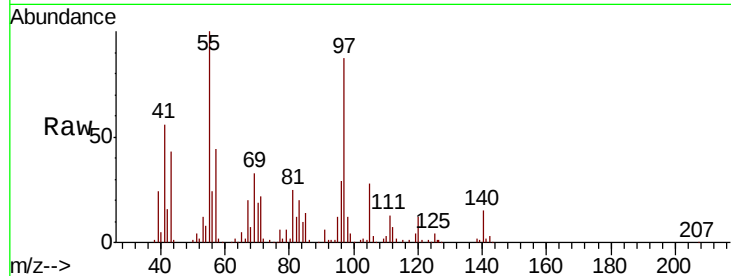




#79
2-Chlorotoluene
Concen: 7.350 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.05 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

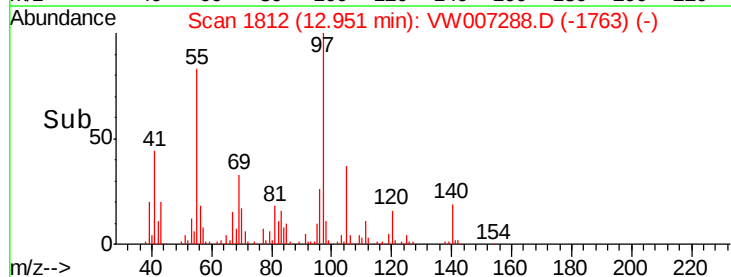
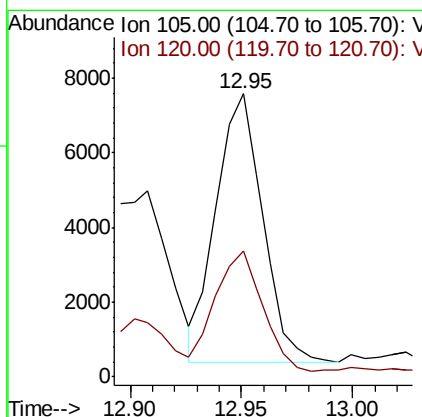
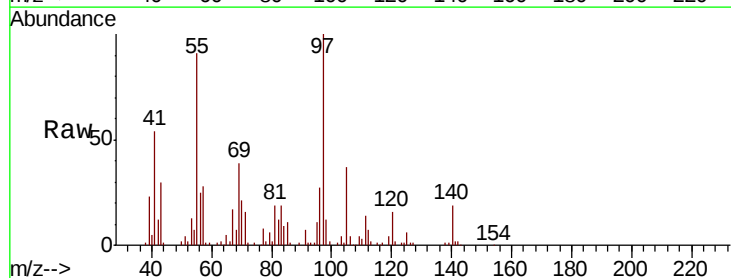
Instrument :
MSVOA_W
ClientSampled :

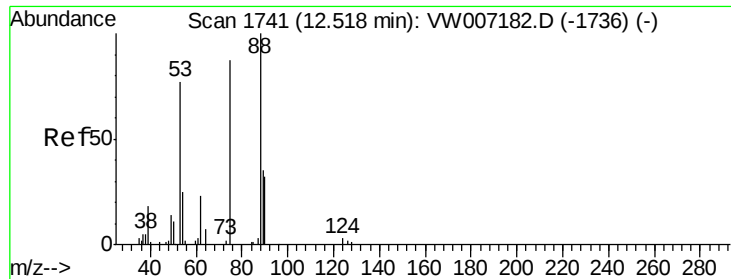
Tot Ion: 91 Resp: 2228
Ion Ratio Lower Upper
91 100
126 19.0 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 27.107 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion:105 Resp: 10449
Ion Ratio Lower Upper
105 100
120 45.2 23.8 71.5

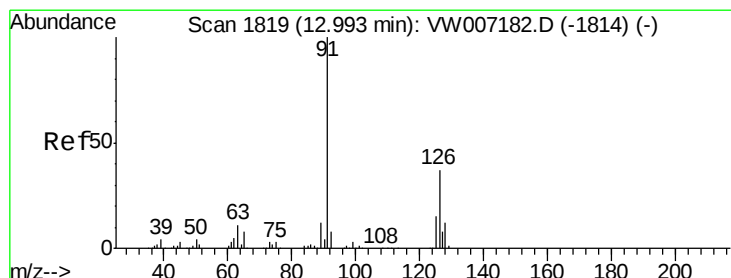
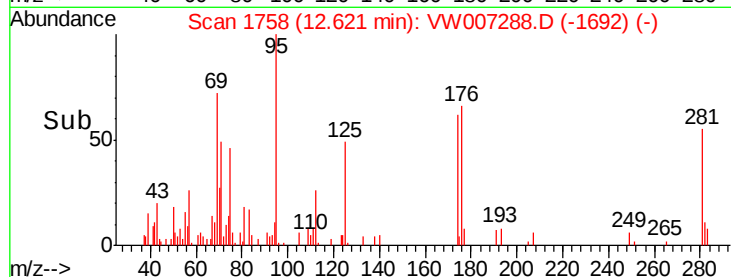
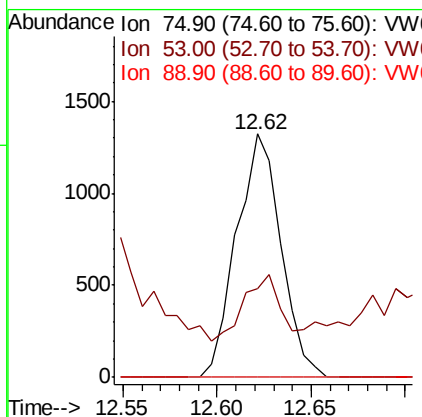
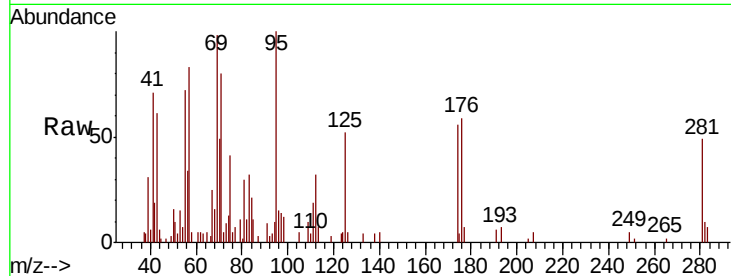




#81
trans-1,4-Dichloro-2-butene
Concen: 108.329 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

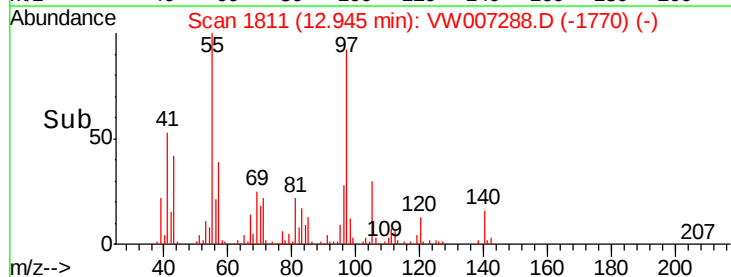
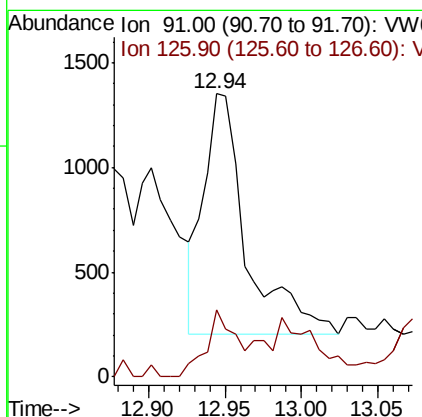
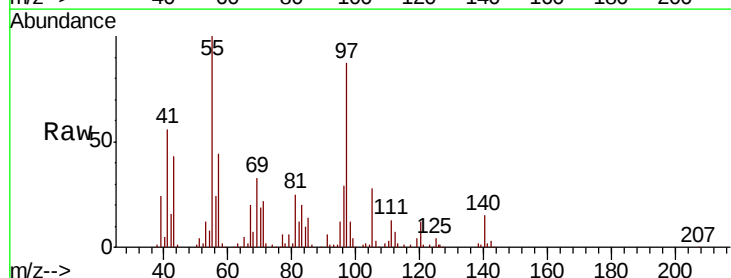
Instrument :
MSVOA_W
ClientSampled :

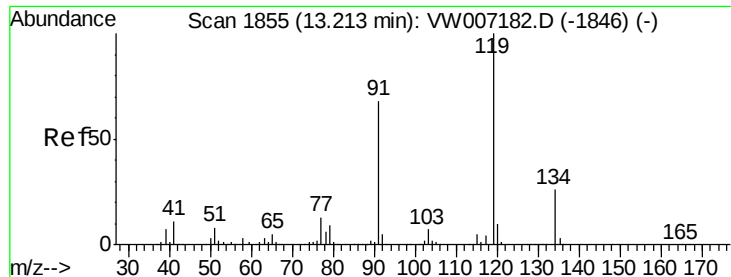
Tot Ion: 75 Resp: 2156
Ion Ratio Lower Upper
75 100
53 22.3 72.8 109.2#
89 0.0 36.4 54.6#



#82
4-Chlorotoluene
Concen: 6.909 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion: 91 Resp: 2228
Ion Ratio Lower Upper
91 100
126 19.0 17.4 52.3

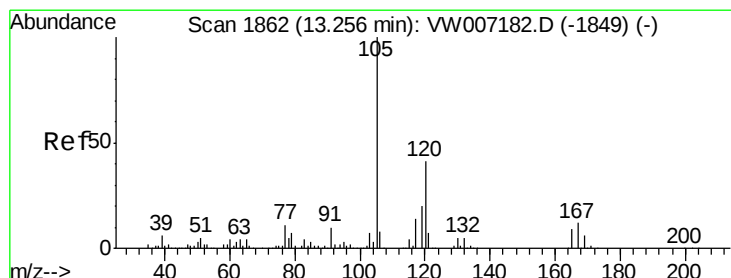
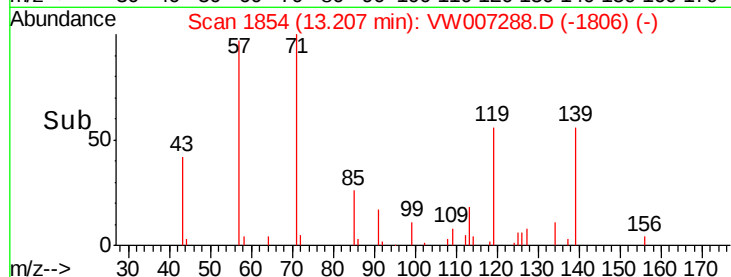
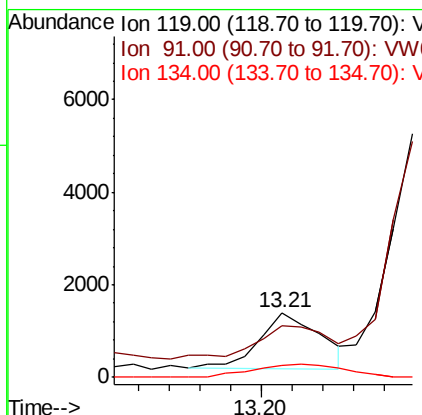
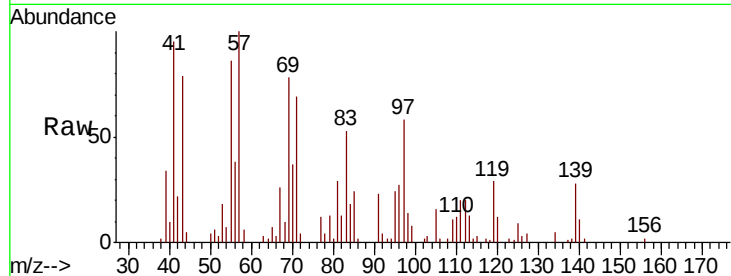




#83
tert-Butylbenzene
Concen: 4.999 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

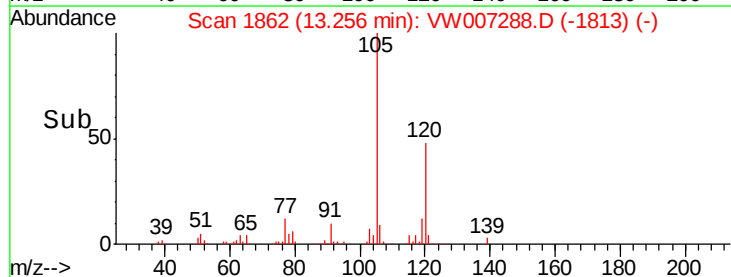
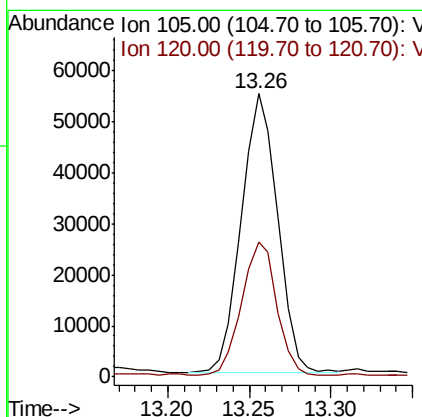
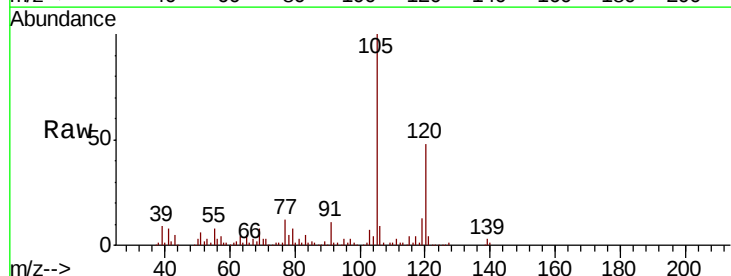
Instrument :
MSVOA_W
ClientSampleId :

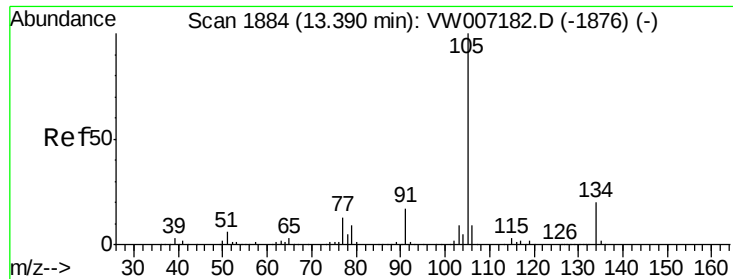
Tot Ion:119 Resp: 1684
Ion Ratio Lower Upper
119 100
91 93.9 34.0 101.8
134 34.3 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 216.518 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007288.D
Acq: 06 Dec 2018 19:34

Tgt Ion:105 Resp: 85195
Ion Ratio Lower Upper
105 100
120 45.9 21.1 63.3

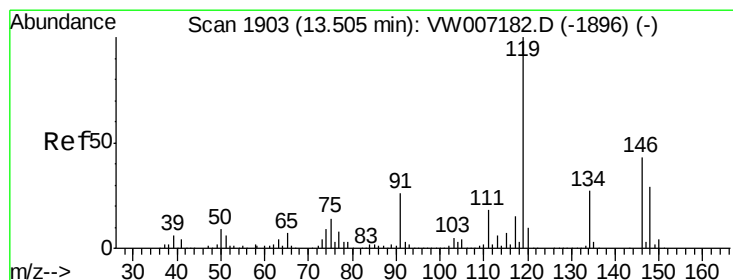
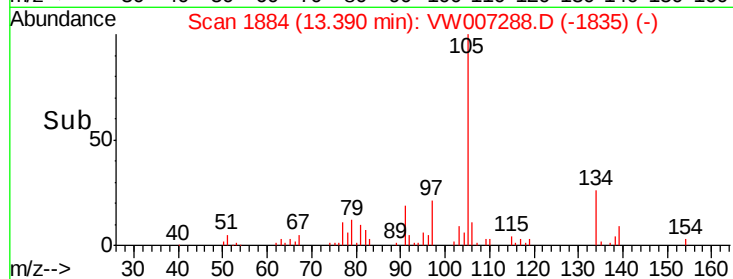
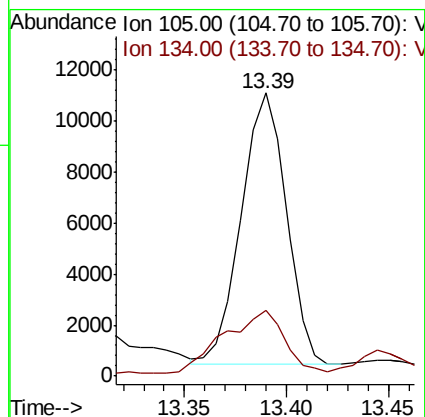
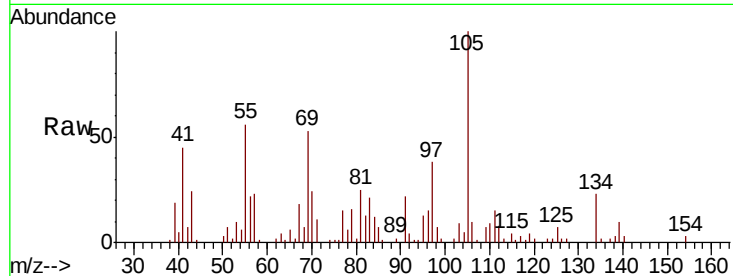




#85
 sec-Butylbenzene
 Concen: 33.816 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

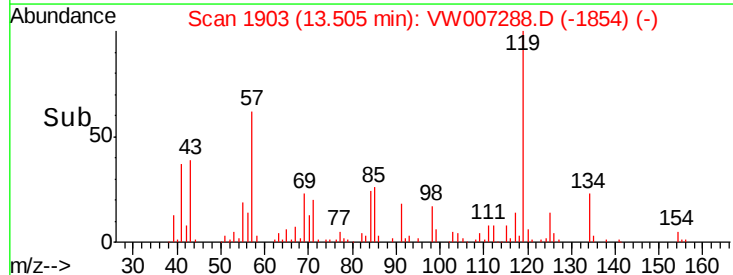
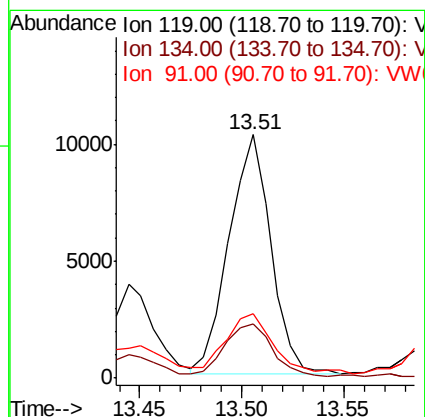
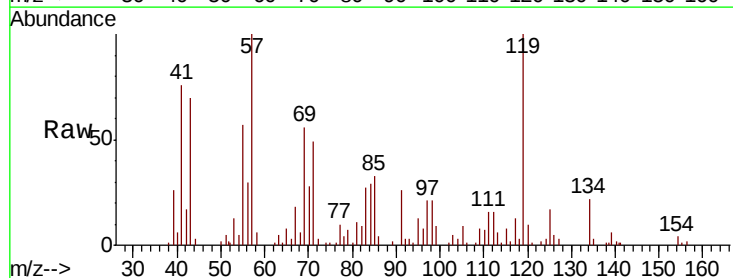
Instrument :
 MSVOA_W
 ClientSampled :

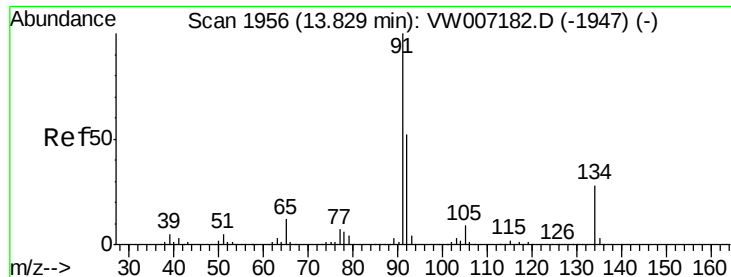
Tot Ion:105 Resp: 16262
 Ion Ratio Lower Upper
 105 100
 134 33.4 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 34.067 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007288.D
 Acq: 06 Dec 2018 19:34

Tgt Ion:119 Resp: 14584
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.6
 91 28.9 12.4 37.2





#89

n-Butylbenzene

Concen: 76.532 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

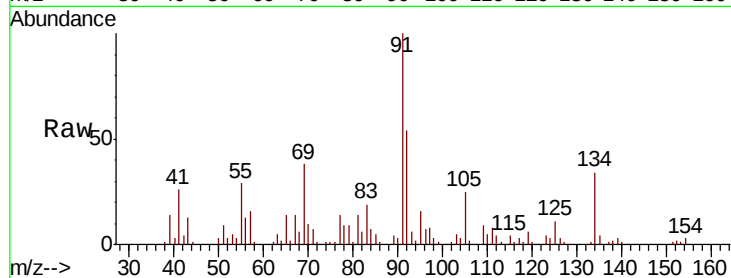
Tot Ion: 91 Resp: 30616

Ion Ratio Lower Upper

91 100

92 41.6 26.5 79.5

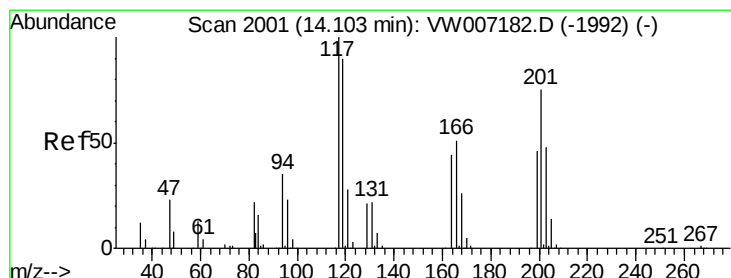
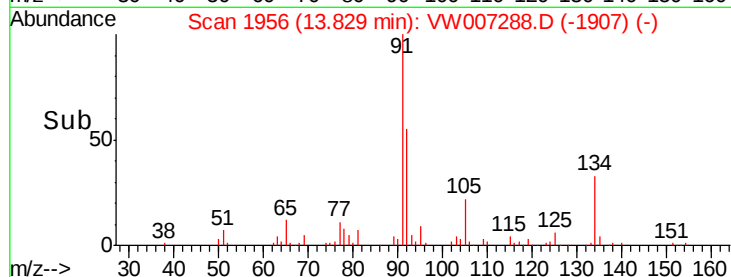
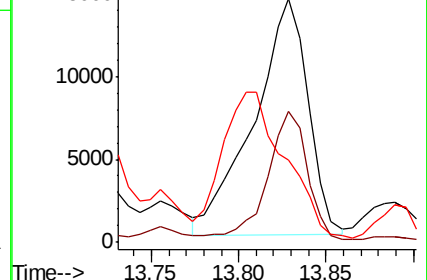
134 0.0 14.1 42.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 138.143 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW007288.D

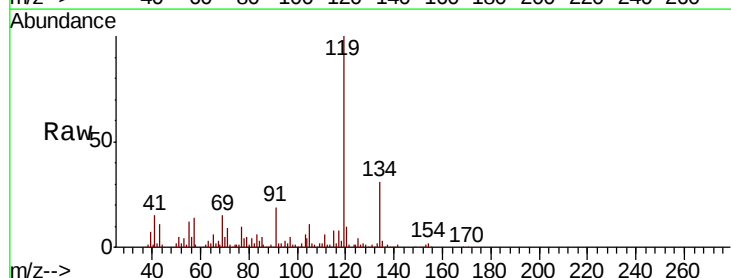
Acq: 06 Dec 2018 19:34

Tgt Ion: 117 Resp: 9012

Ion Ratio Lower Upper

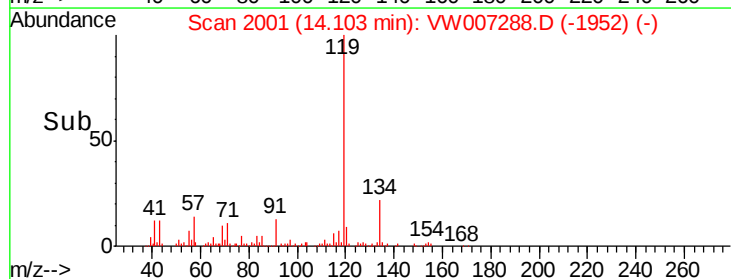
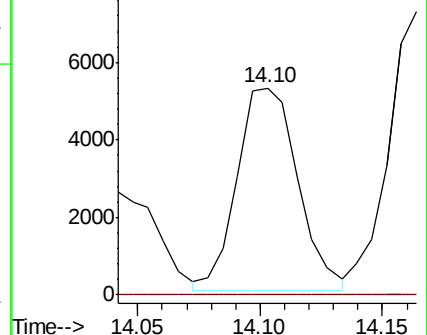
117 100

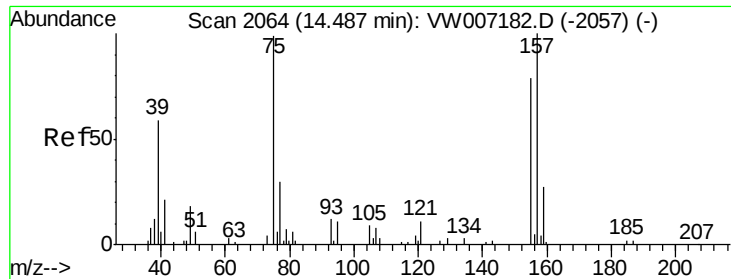
201 0.0 36.0 108.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 26.199 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

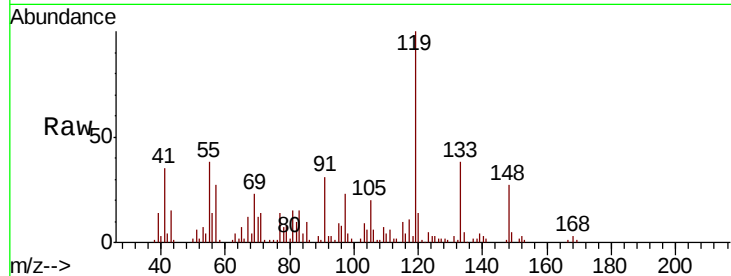
Tot Ion: 75 Resp: 297

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.2#

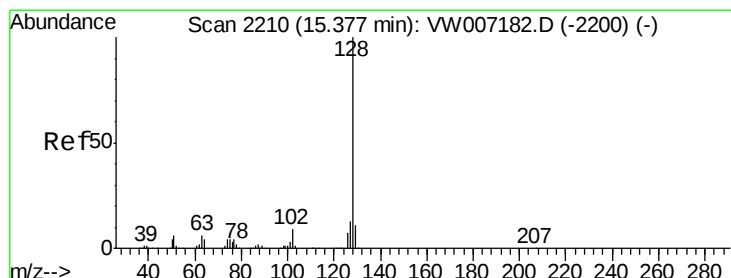
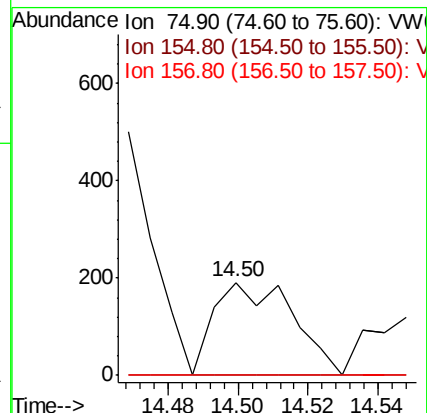
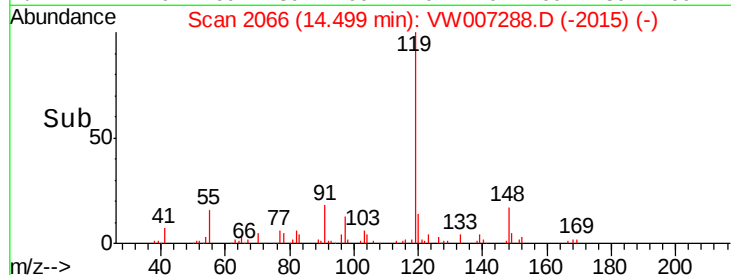
157 0.0 55.3 165.9#



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



#95

Naphthalene

Concen: 119.984 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW007288.D

Acq: 06 Dec 2018 19:34

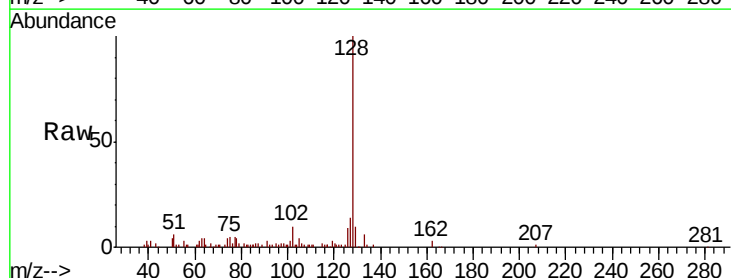
Tgt Ion: 128 Resp: 25758

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 9.6 8.6 13.0



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

