

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005489.D
 Acq On : 18 Sep 2018 19:38
 Operator : SY/AP
 Sample : J4936-15RE
 Misc : 2.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 138-KVRE

Quant Time: Sep 19 06:00:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	87260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	96155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	32395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7030	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	37808	41.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.48%	
35) Dibromofluoromethane	7.90	113	34394	63.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.60%	
50) Toluene-d8	10.33	98	78299	31.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.42%	
62) 4-Bromofluorobenzene	12.62	95	12071	13.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.66%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	274	Below Cal	99
5) Bromomethane	2.78	94	507	Below Cal	# 40
10) Methyl Iodide	4.28	142	40	4.090 ug/l	# 38
11) Tert butyl alcohol	5.20	59	82	Below Cal	# 71
13) Acrolein	3.73	56	23	Below Cal	# 1
16) Acetone	4.15	43	1263	Below Cal	99
20) Methylene Chloride	4.93	84	7596	3.065 ug/l	98
25) 2-Butanone	7.22	43	317	1.455 ug/l	# 49
29) Tetrahydrofuran	7.55	42	579	4.171 ug/l	# 55
31) Cyclohexane	7.96	56	2785	1.926 ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	7272	7.991 ug/l	# 55
38) Carbon Tetrachloride	7.96	117	8669	9.142 ug/l	# 18
39) Methylcyclohexane	9.34	83	1324	1.252 ug/l	# 66
48) Methyl methacrylate	9.43	41	537	1.490 ug/l	# 87
51) 4-Methyl-2-Pentanone	10.07	43	438	1.178 ug/l	90
56) Ethyl methacrylate	10.67	69	969	1.663 ug/l	# 47
59) 2-Hexanone	10.95	43	621	2.452 ug/l	73
69) o-Xylene	12.22	106	493	1.138 ug/l	33
71) Bromoform	12.37	173	433	3.725 ug/l	# 29
73) Isopropylbenzene	12.59	105	836	1.695 ug/l	95
74) N-amyl acetate	12.30	43	778	7.486 ug/l	# 69
75) 1,1,2,2-Tetrachloroethane	12.94	83	1704	23.683 ug/l	73
76) 1,2,3-Trichloropropane	12.77	75	155	2.681 ug/l	# 100
77) Bromobenzene	12.87	156	326	2.796 ug/l	67
78) n-propylbenzene	12.73	91	645	1.084 ug/l	92
79) 2-Chlorotoluene	12.94	91	832	2.369 ug/l	83
80) 1,3,5-Trimethylbenzene	12.96	105	1334	3.100 ug/l	84
81) trans-1,4-Dichloro-2-buten	12.52	75	148	6.640 ug/l	# 1
82) 4-Chlorotoluene	12.99	91	845	2.279 ug/l	79
83) tert-Butylbenzene	13.22	119	4794	13.412 ug/l	# 25
84) 1,2,4-Trimethylbenzene	13.26	105	1140	2.609 ug/l	75
85) sec-Butylbenzene	13.26	105	1140	2.207 ug/l	80
89) n-Butylbenzene	13.68	91	1202	2.795 ug/l	70
90) Hexachloroethane	14.05	117	528	6.672 ug/l	76

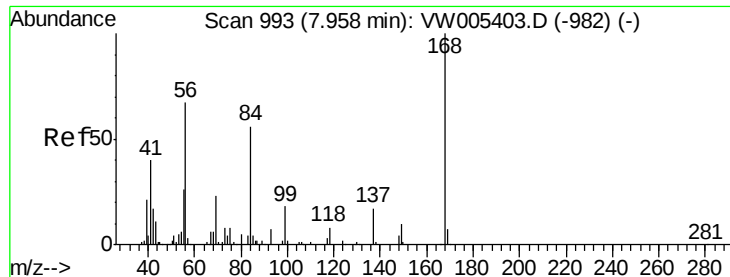
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005489.D
Acq On : 18 Sep 2018 19:38
Operator : SY/AP
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Quant Time: Sep 19 06:00:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.88	146	278	1.345	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.52	75	152	11.000	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.18	180	377	2.734	ug/l #	48
95) Naphthalene	15.37	128	2210	9.618	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.55	180	211	1.753	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

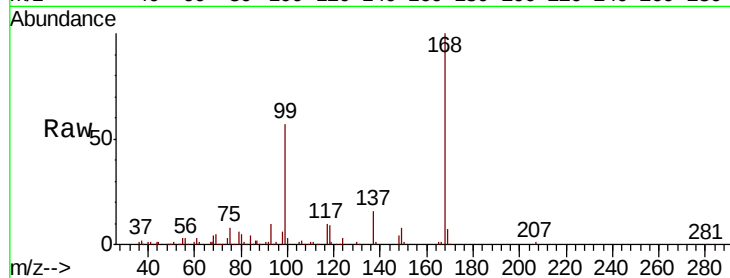
138-KVRE

Tgt Ion:168 Resp: 87260

Ion Ratio Lower Upper

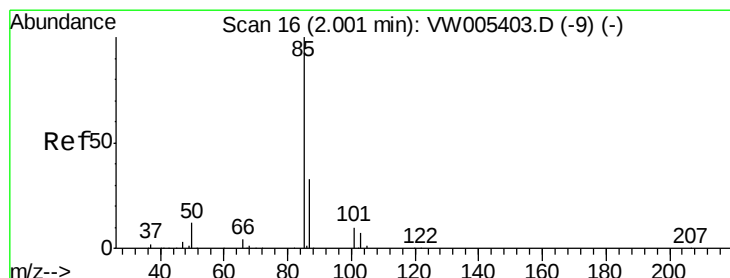
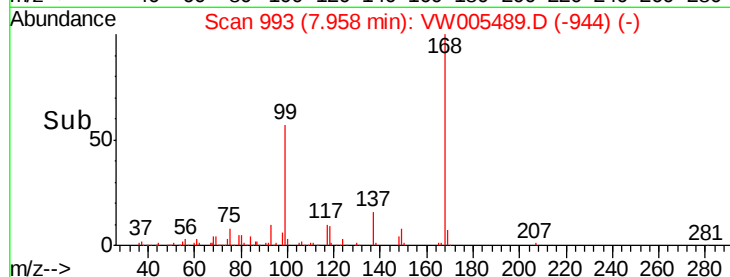
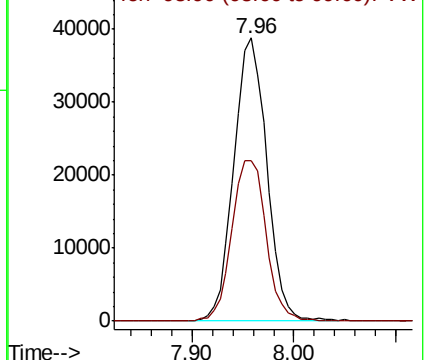
168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005489.D

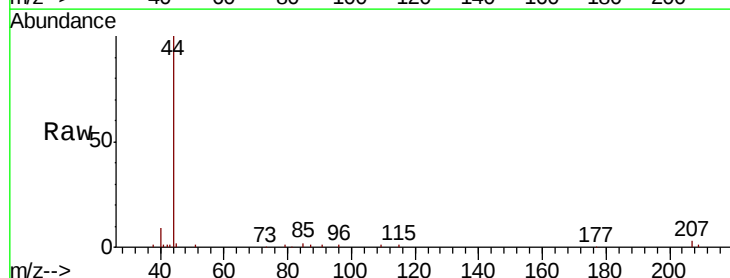
Acq: 18 Sep 2018 19:38

Tgt Ion: 85 Resp: 274

Ion Ratio Lower Upper

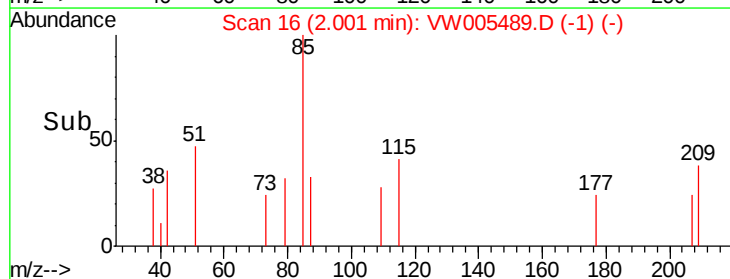
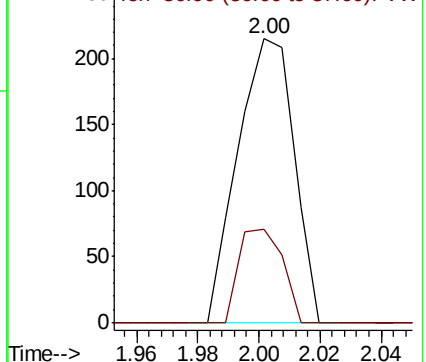
85 100

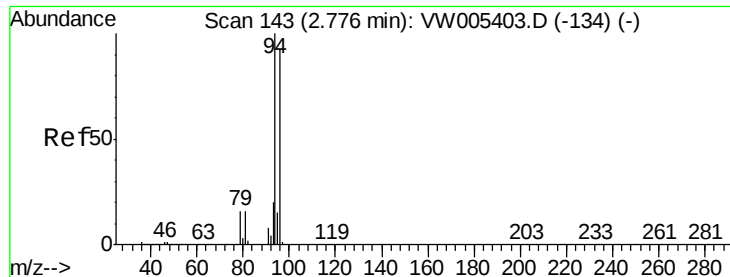
87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

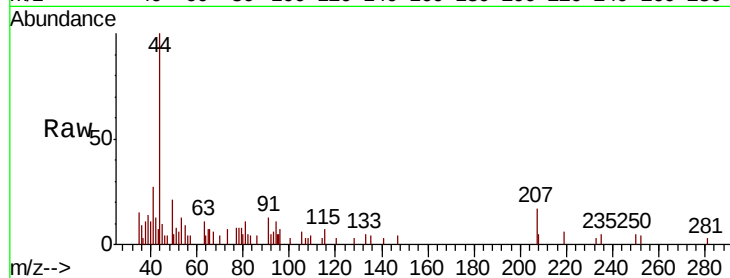
138-KVRE

Tgt Ion: 94 Resp: 507

Ion Ratio Lower Upper

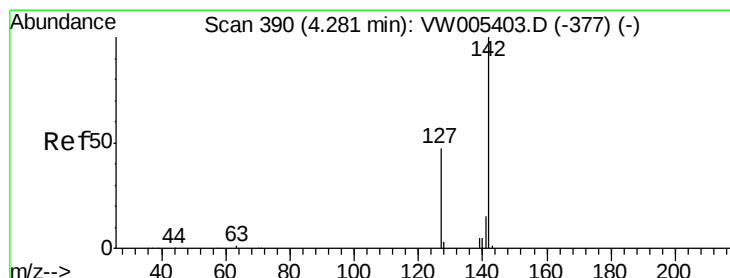
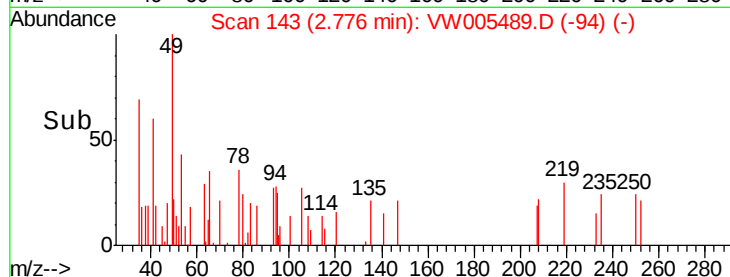
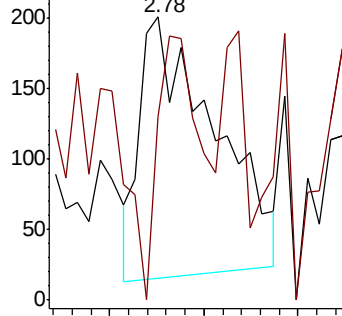
94 100

96 34.8 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#10

Methyl Iodide

Concen: 4.090 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

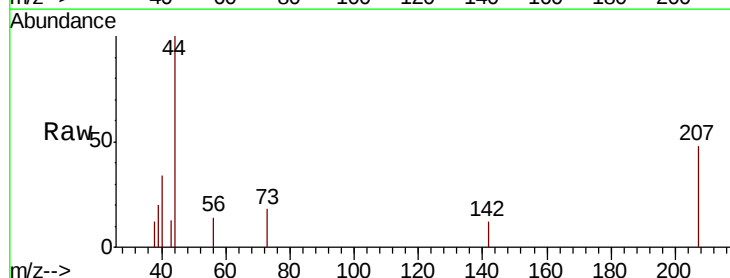
Tgt Ion: 142 Resp: 40

Ion Ratio Lower Upper

142 100

127 0.0 37.5 56.3#

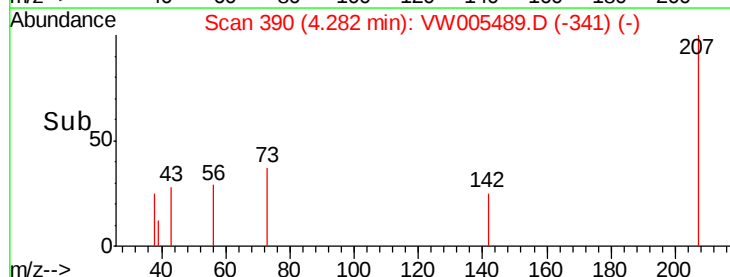
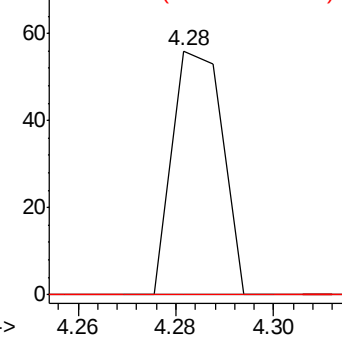
141 0.0 12.4 18.6#

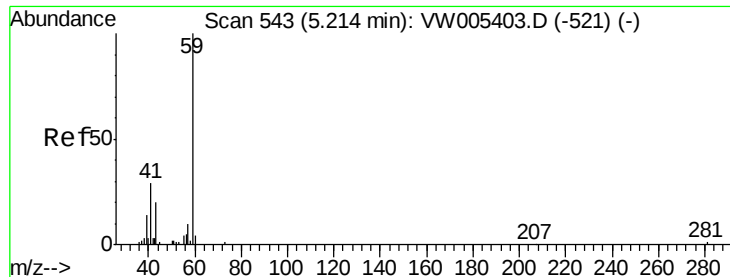


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

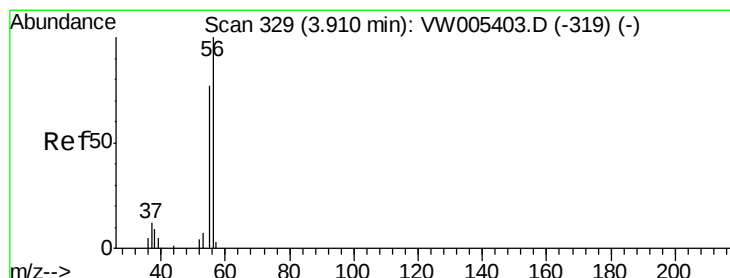
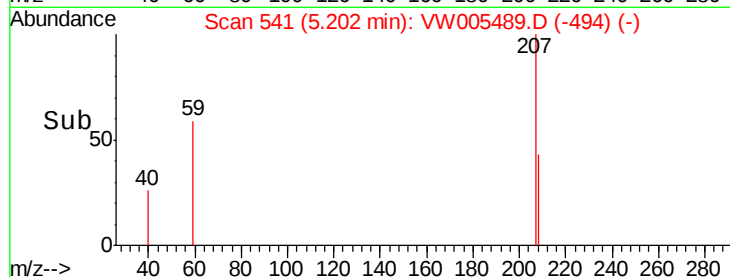
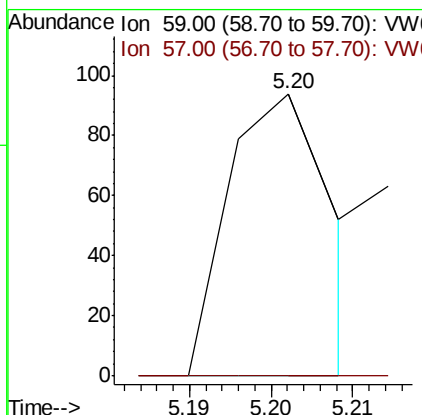
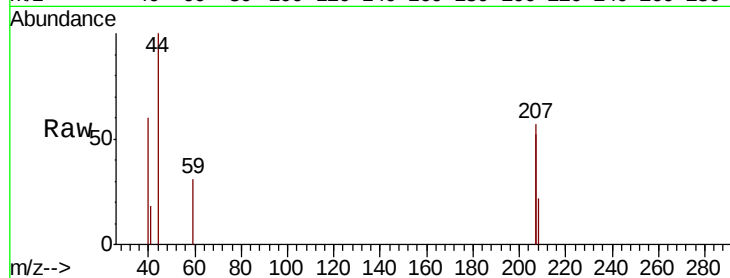




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 541
Delta R.T. -0.01 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

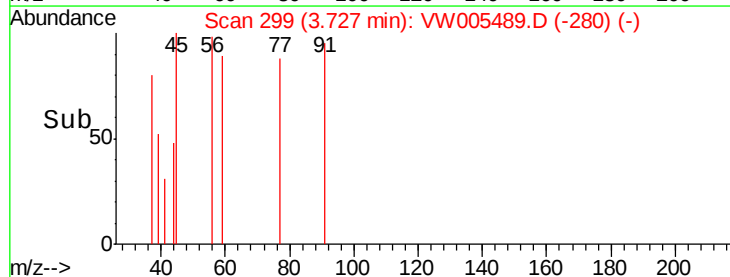
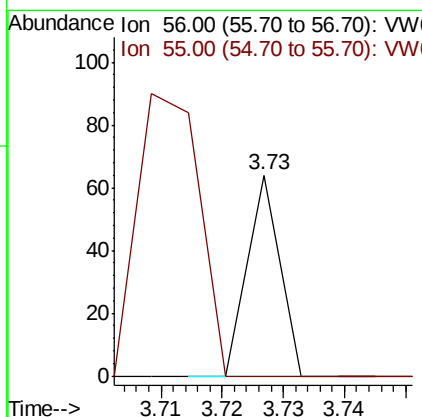
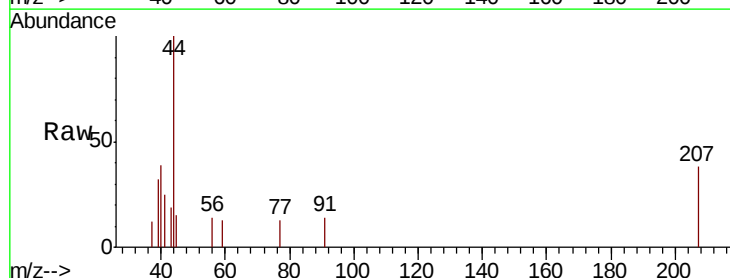
Instrument :
MSVOA_W
ClientSampled :
138-KVRE

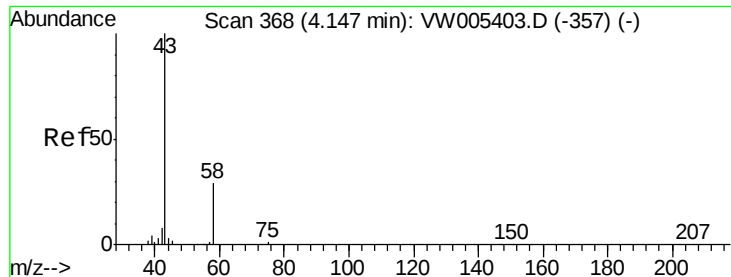
Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: Below Cal
RT: 3.73 min Scan# 299
Delta R.T. -0.18 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 278.3 59.8 89.8#





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

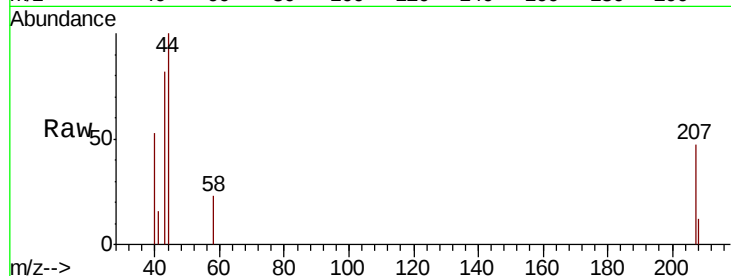
138-KVRE

Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

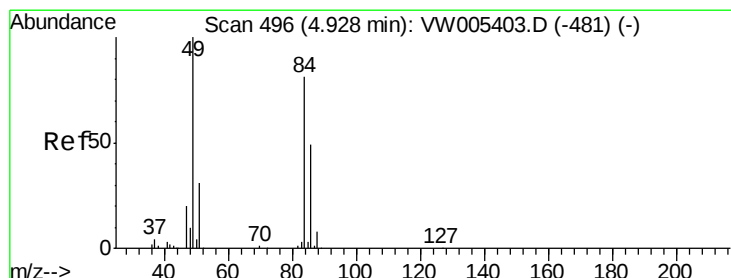
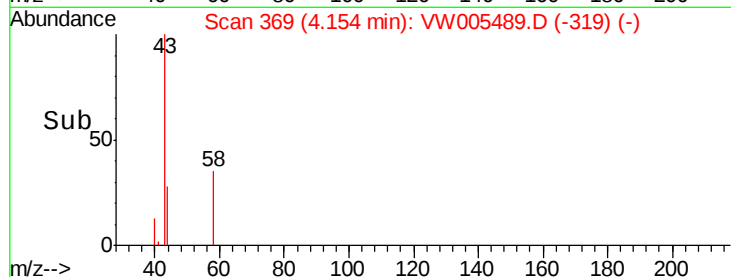
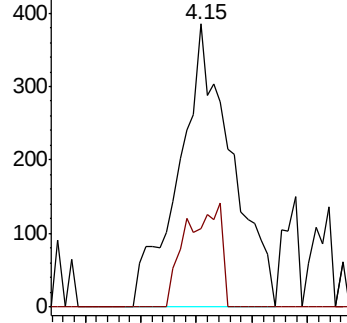
43 100

58 27.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.065 ug/l

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Tgt Ion: 84 Resp: 7596

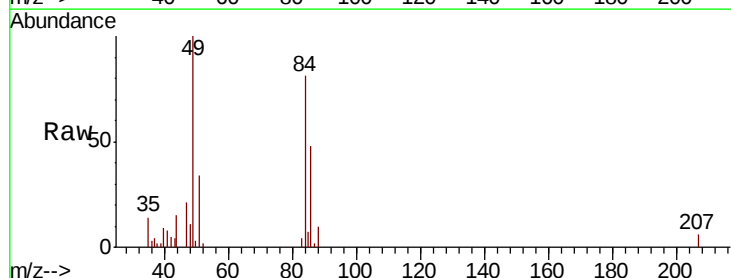
Ion Ratio Lower Upper

84 100

49 124.1 99.3 148.9

51 41.6 31.1 46.7

86 59.1 49.1 73.7

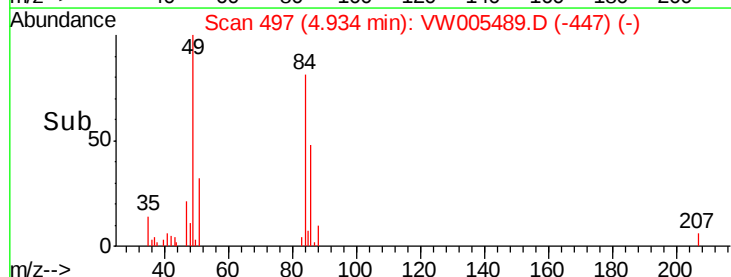
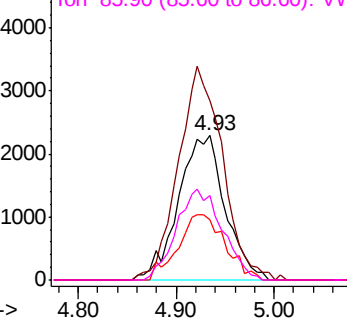


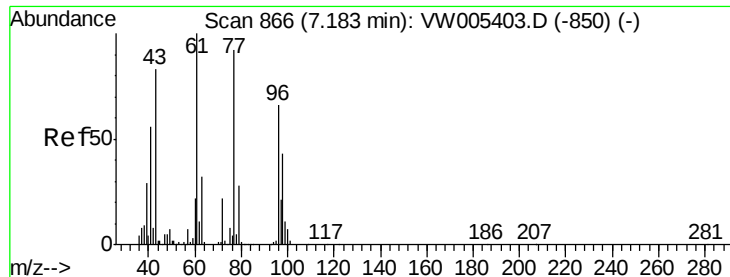
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 1.455 ug/l

RT: 7.22 min Scan# 872

Delta R.T. 0.04 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

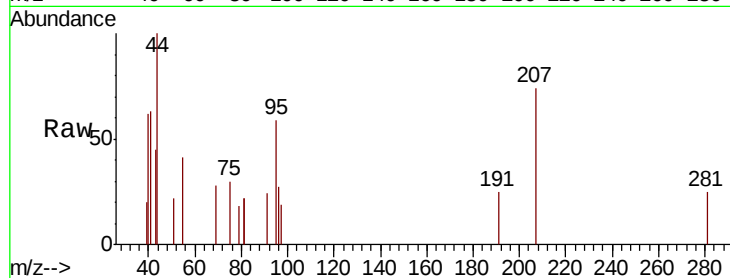
138-KVRE

Tgt Ion: 43 Resp: 317

Ion Ratio Lower Upper

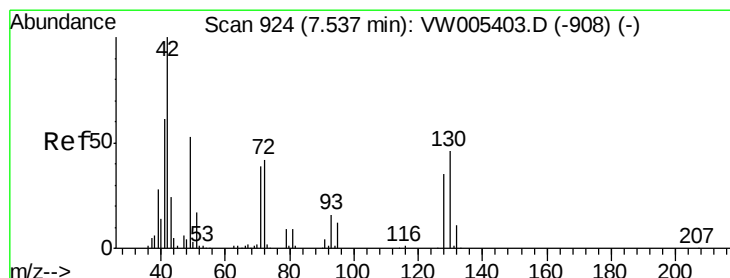
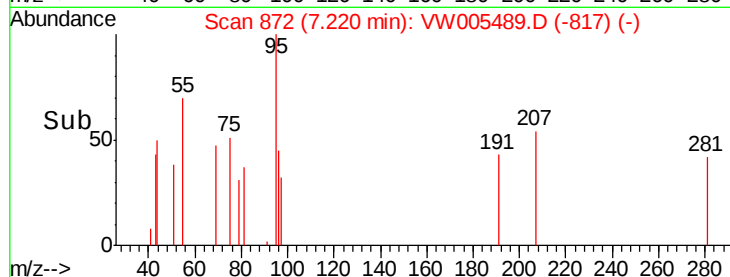
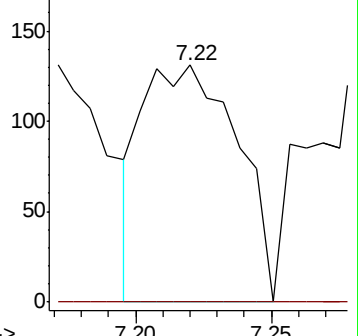
43 100

72 0.0 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 4.171 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

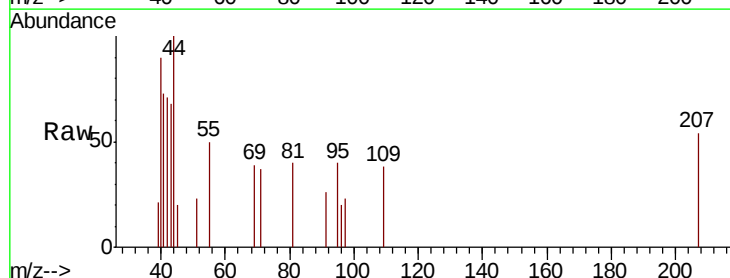
Tgt Ion: 42 Resp: 579

Ion Ratio Lower Upper

42 100

72 8.3 33.2 49.8#

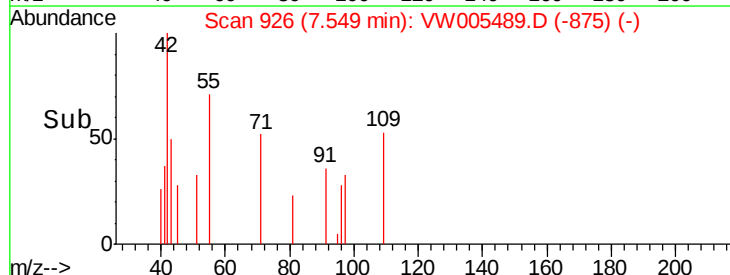
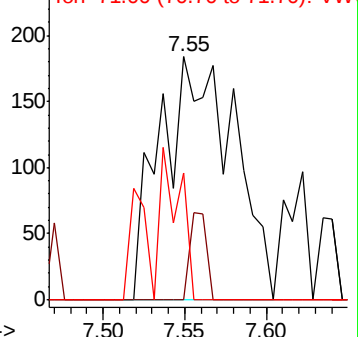
71 16.9 31.0 46.6#

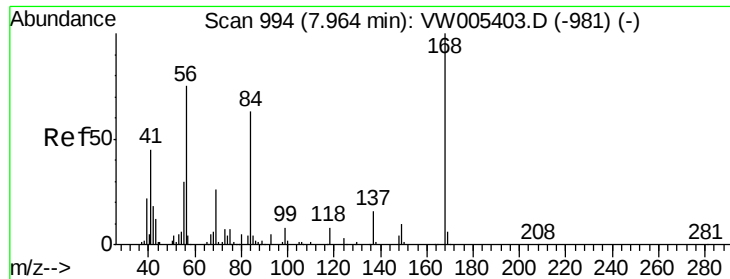


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

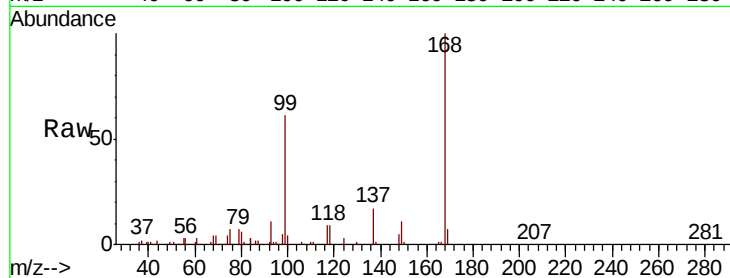




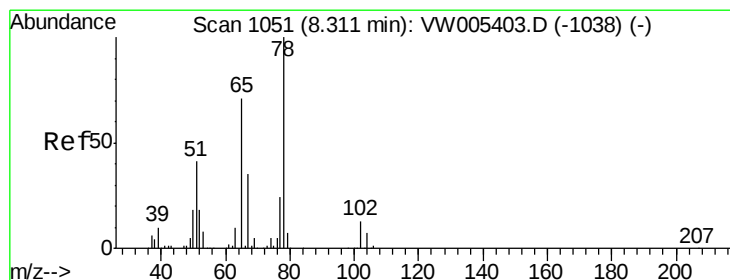
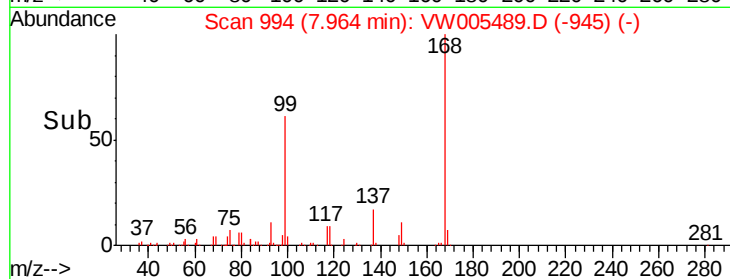
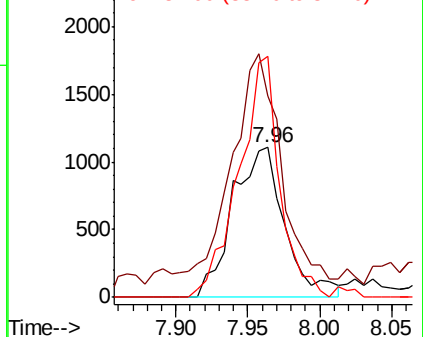
#31
Cyclohexane
Concen: 1.926 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
138-KVRE

Tgt Ion: 56 Resp: 2785
Ion Ratio Lower Upper
56 100
69 121.8 27.2 40.8#
84 160.8 66.7 100.1#

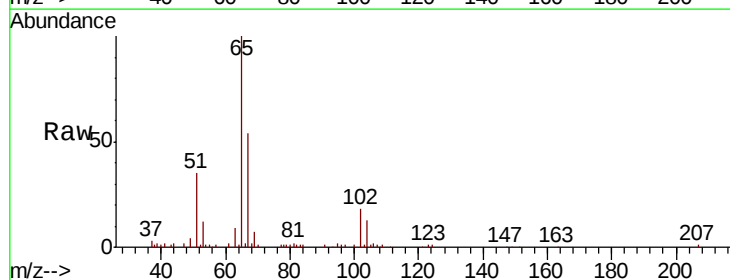


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

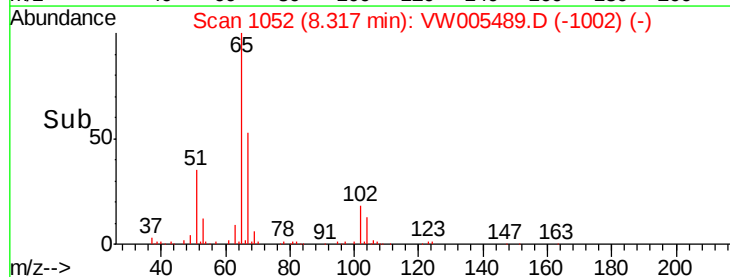
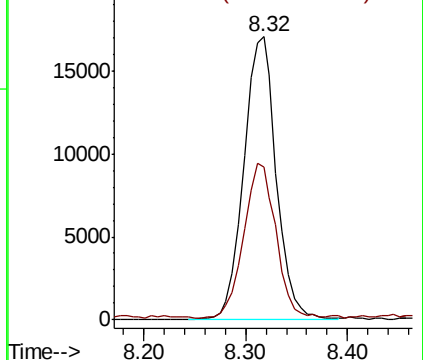


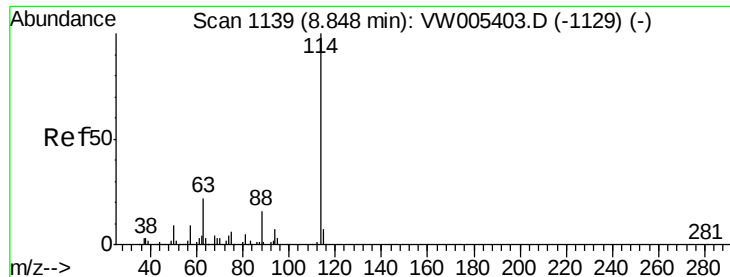
#33
1,2-Dichloroethane-d4
Concen: 41.742 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Tgt Ion: 65 Resp: 37808
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.6



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

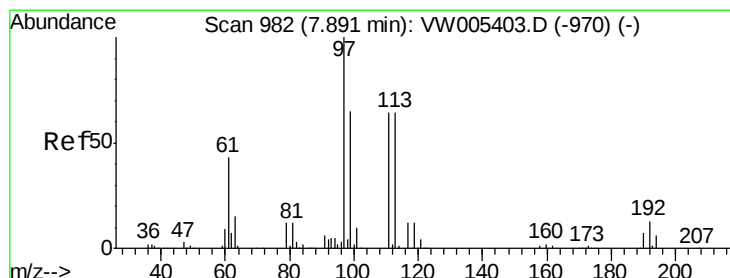
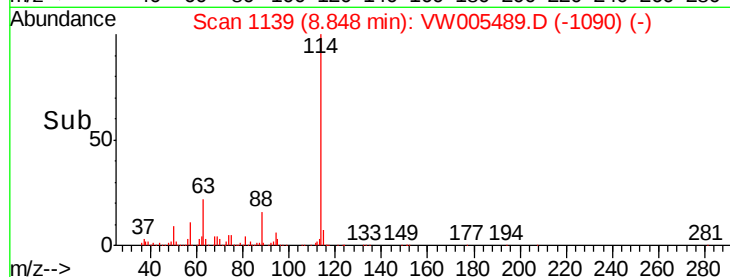
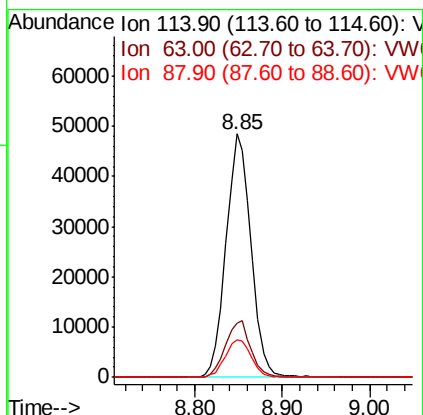
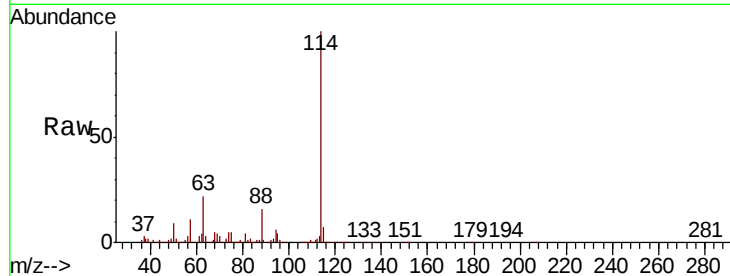




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

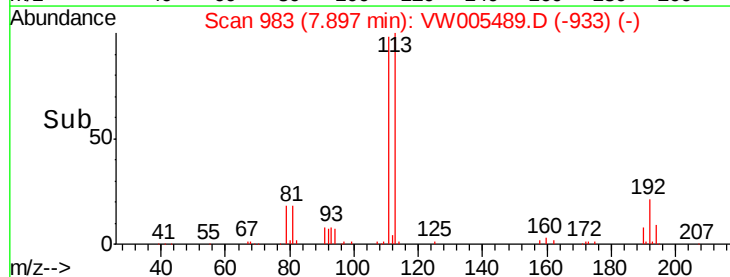
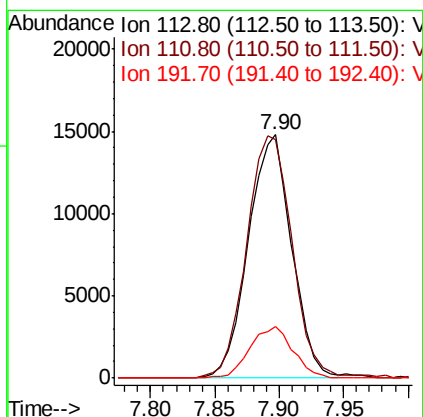
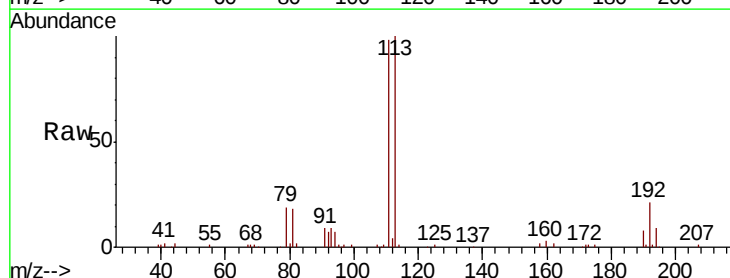
Instrument :
 MSVOA_W
 ClientSampleId :
 138-KVRE

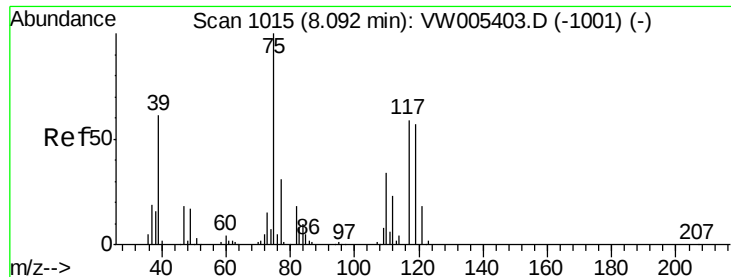
Tgt Ion:114 Resp: 96155
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 15.7 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 63.796 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

Tgt Ion:113 Resp: 34394
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.3 123.5
 192 21.1 16.5 24.7

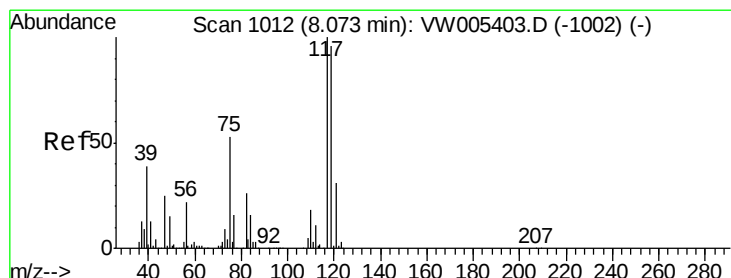
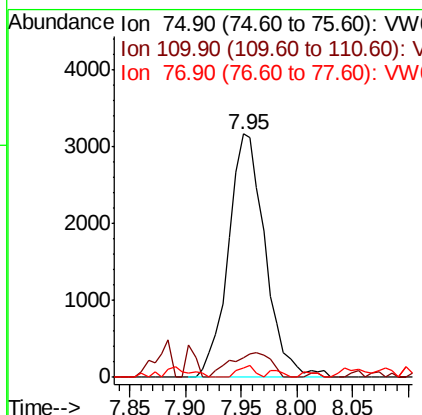
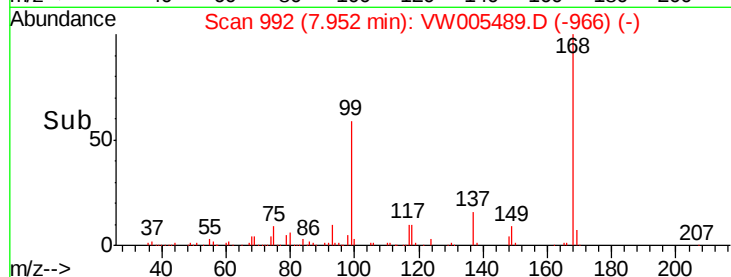
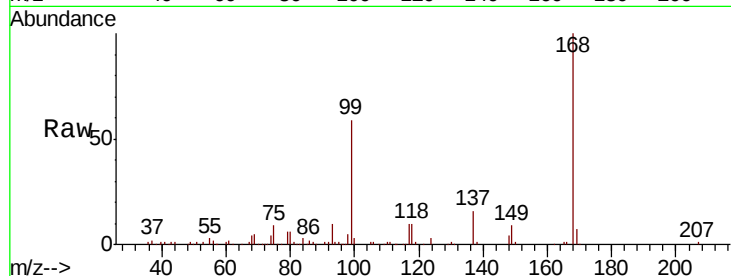




#36
 1,1-Dichloropropene
 Concen: 7.991 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

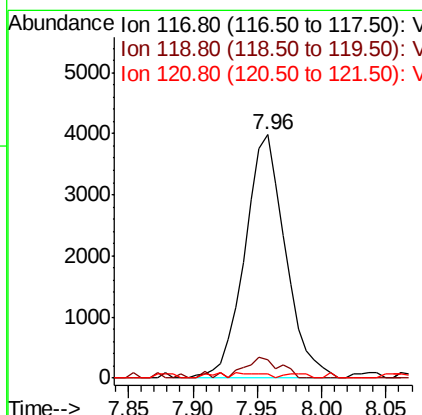
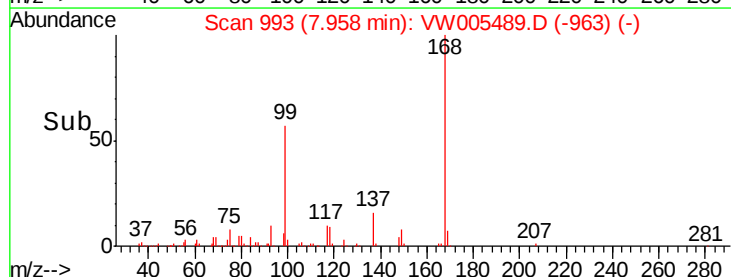
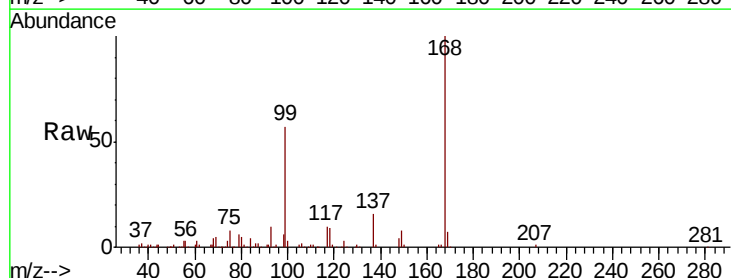
Instrument :
 MSVOA_W
 ClientSampleId :
 138-KVRE

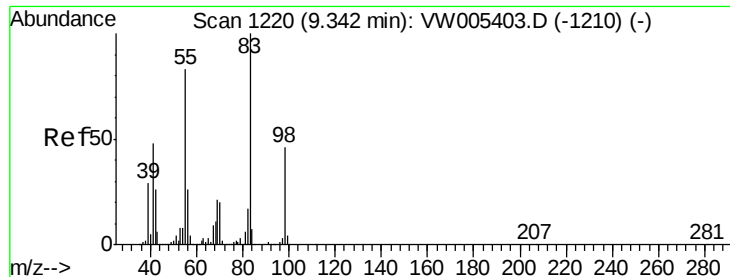
Tgt Ion: 75 Resp: 7272
 Ion Ratio Lower Upper
 75 100
 110 11.1 16.8 50.4#
 77 2.1 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 9.142 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

Tgt Ion: 117 Resp: 8669
 Ion Ratio Lower Upper
 117 100
 119 7.6 76.8 115.2#
 121 1.5 24.7 37.1#





#39

Methylcyclohexane

Concen: 1.252 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

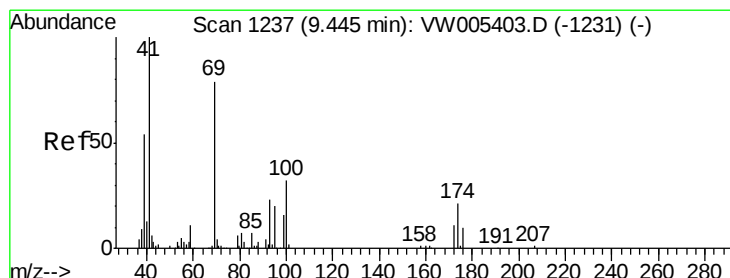
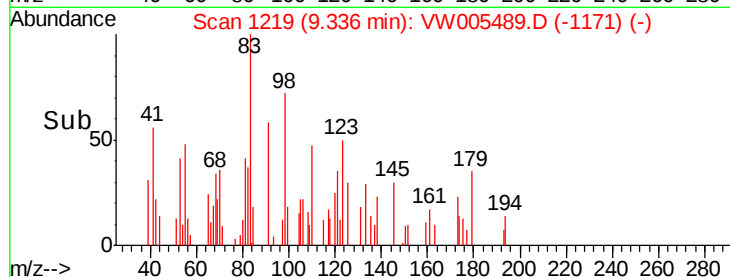
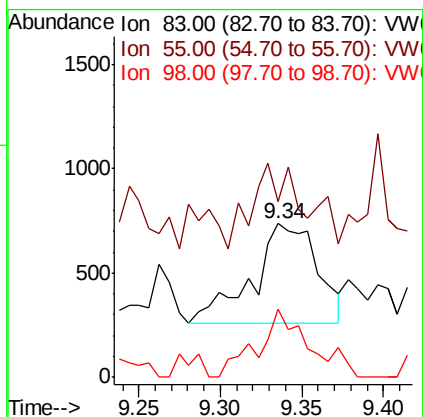
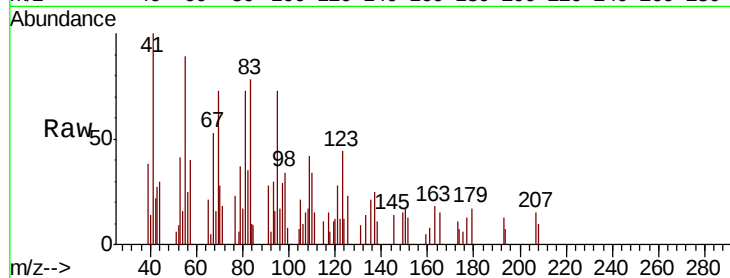
Tgt Ion: 83 Resp: 1324

Ion Ratio Lower Upper

83 100

55 43.5 66.1 99.1#

98 56.5 36.7 55.1#



#48

Methyl methacrylate

Concen: 1.490 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

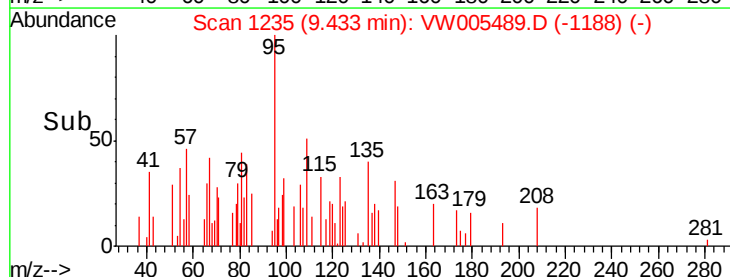
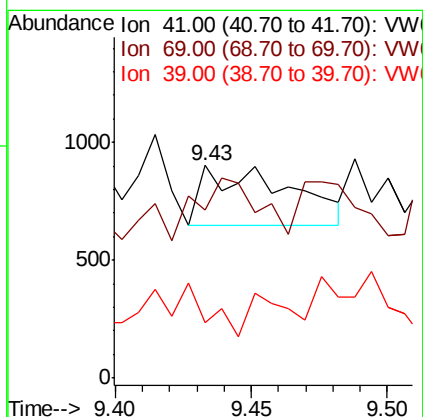
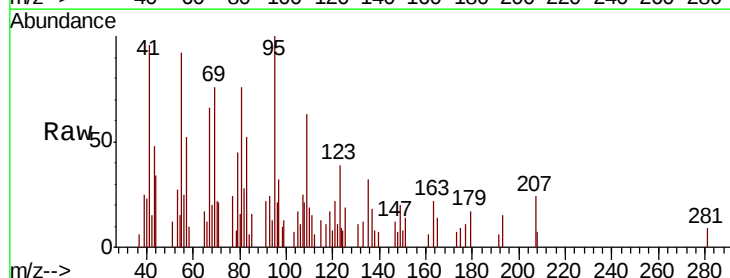
Tgt Ion: 41 Resp: 537

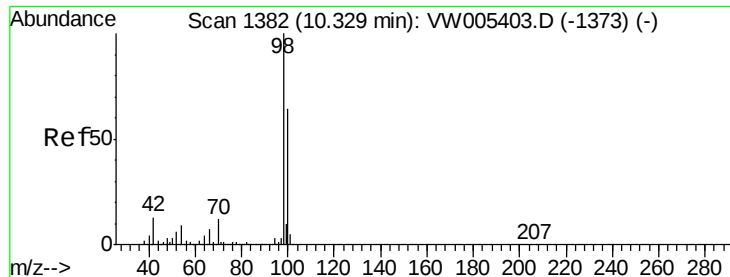
Ion Ratio Lower Upper

41 100

69 82.9 67.5 101.3

39 34.5 45.5 68.3#





#50

Toluene-d8

Concen: 31.713 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

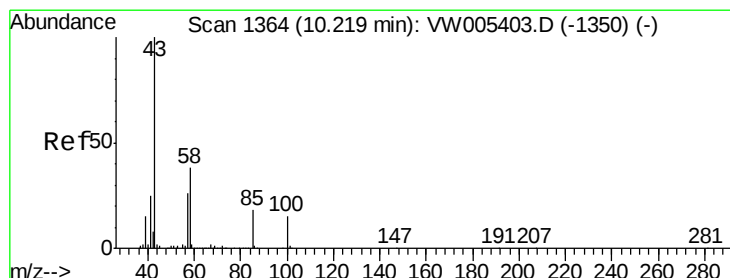
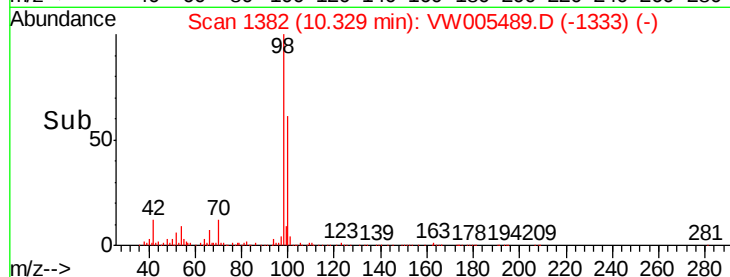
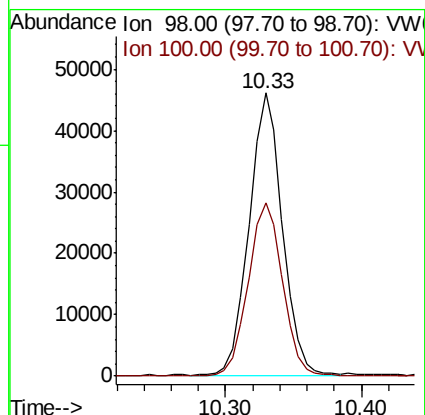
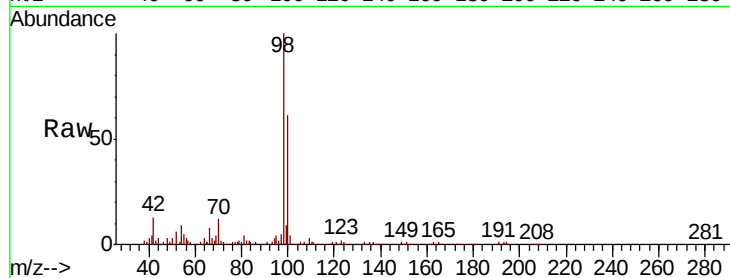
138-KVRE

Tgt Ion: 98 Resp: 78299

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.178 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.15 min

Lab File: VW005489.D

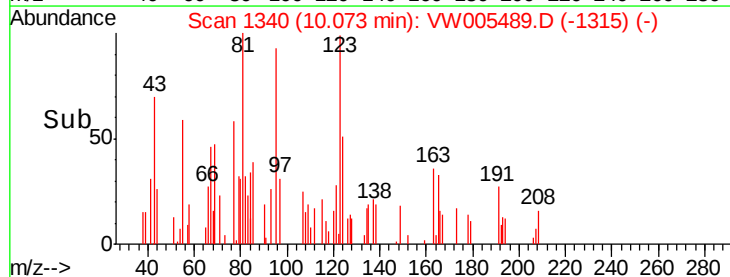
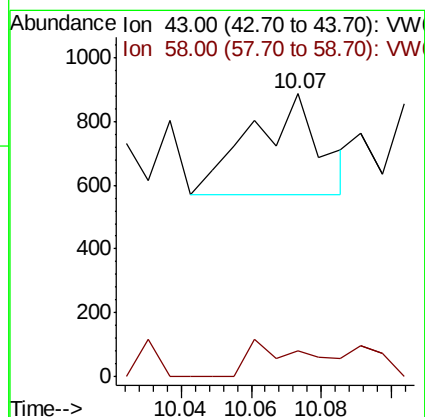
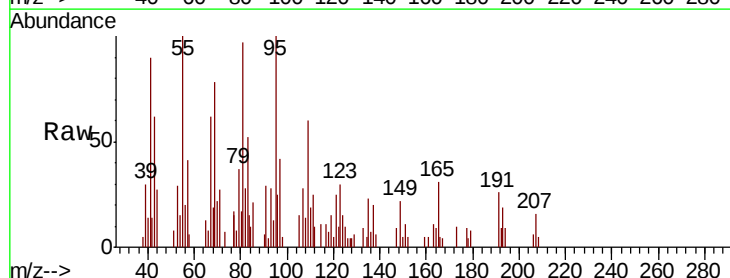
Acq: 18 Sep 2018 19:38

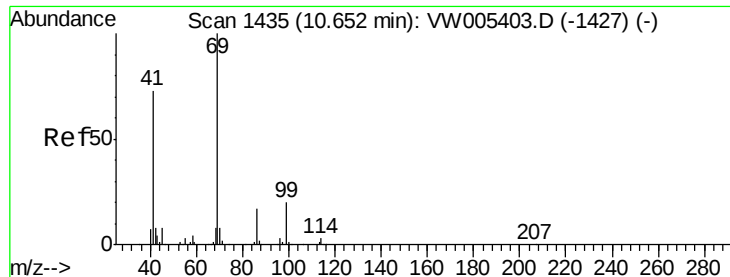
Tgt Ion: 43 Resp: 438

Ion Ratio Lower Upper

43 100

58 31.3 29.9 44.9





#56

Ethyl methacrylate

Concen: 1.663 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

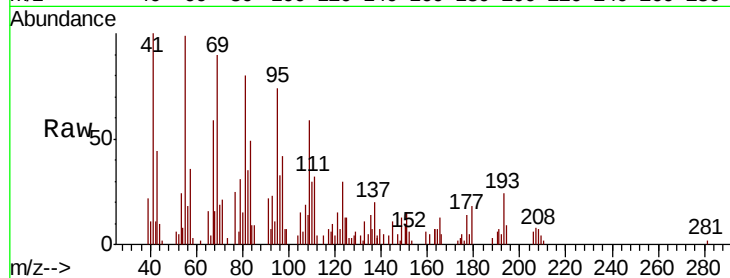
Tgt Ion: 69 Resp: 969

Ion Ratio Lower Upper

69 100

41 119.6 59.3 88.9#

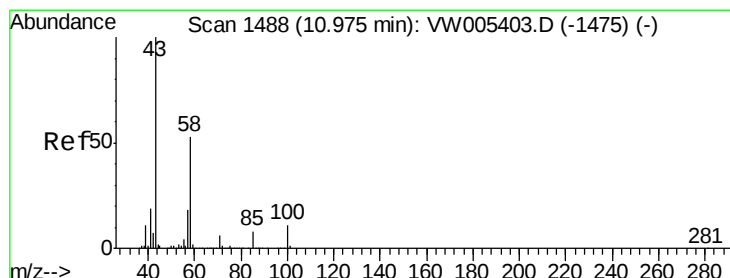
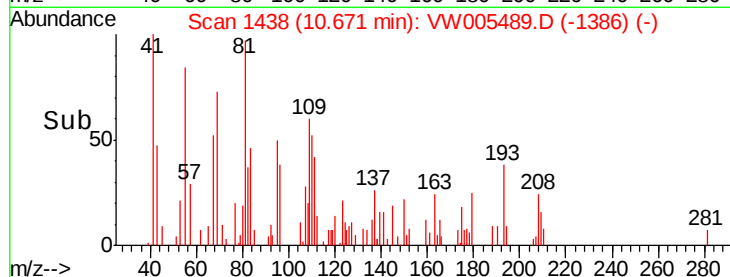
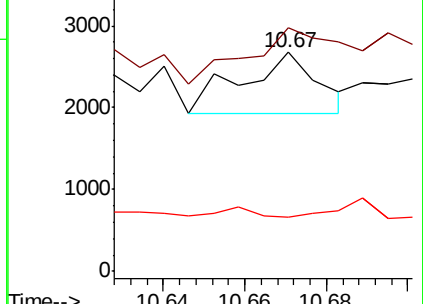
39 6.4 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#59

2-Hexanone

Concen: 2.452 ug/l

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW005489.D

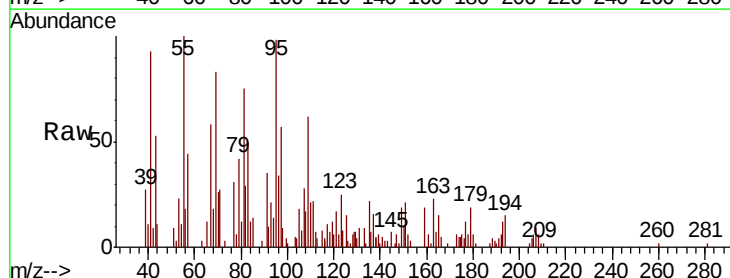
Acq: 18 Sep 2018 19:38

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

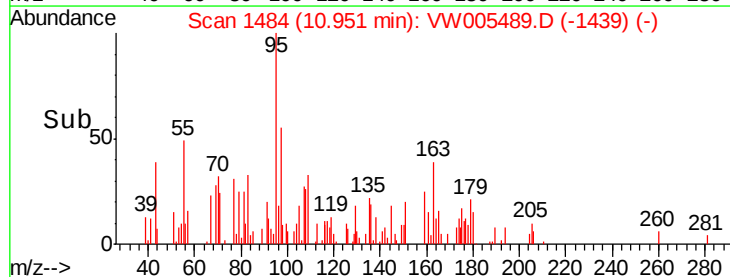
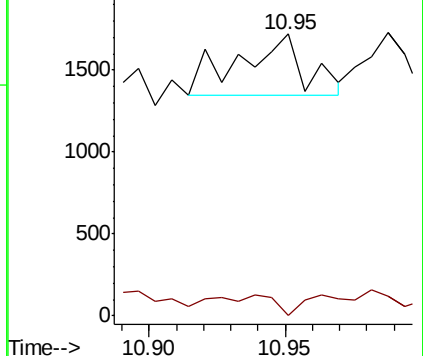
43 100

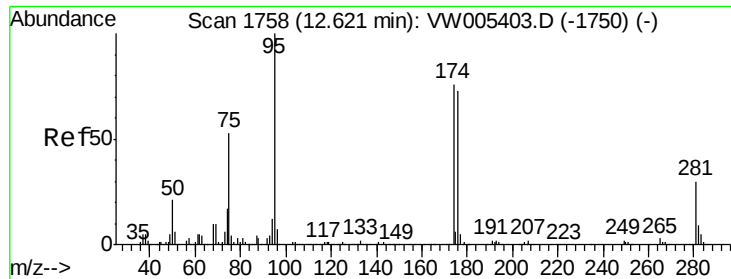
58 32.4 25.5 76.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 13.334 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

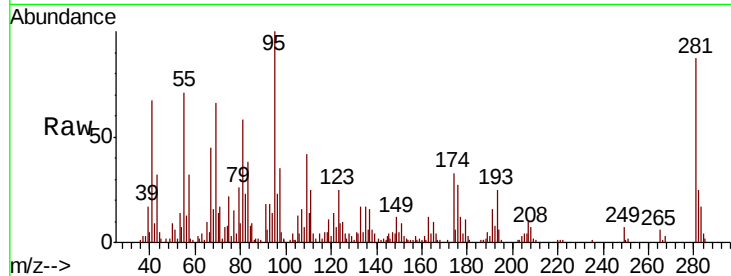
Tgt Ion: 95 Resp: 12071

Ion Ratio Lower Upper

95 100

174 47.1 0.0 161.2

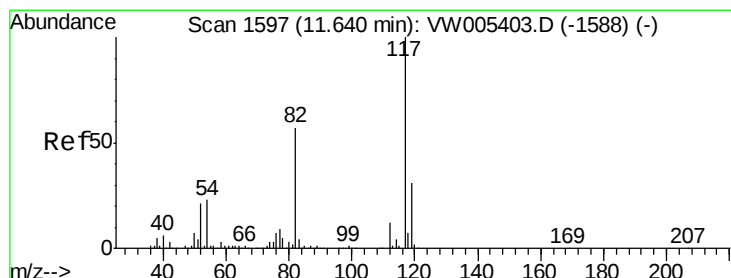
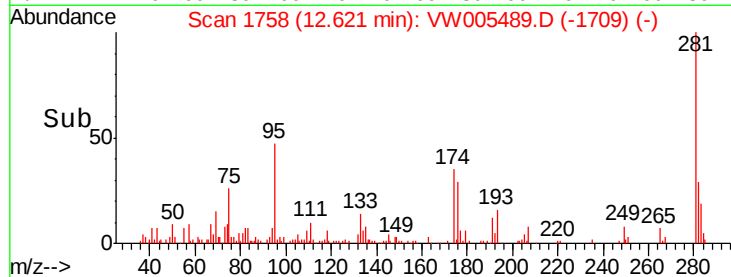
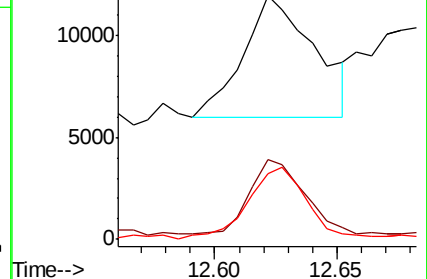
176 49.6 0.0 156.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

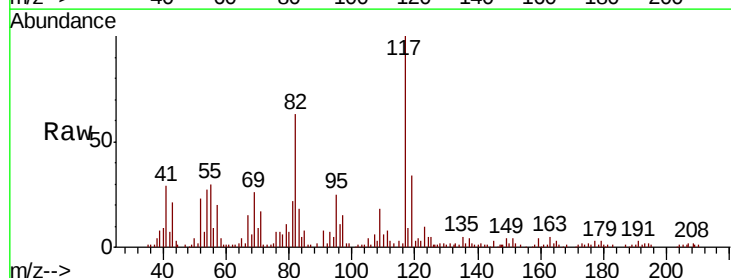
Tgt Ion: 117 Resp: 32395

Ion Ratio Lower Upper

117 100

82 57.3 45.9 68.9

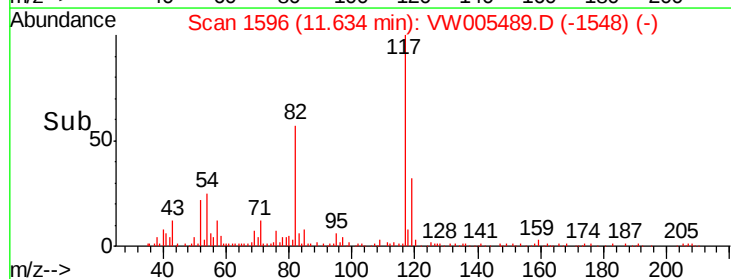
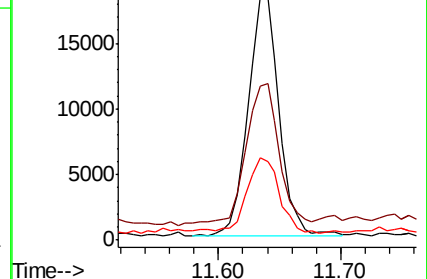
119 31.0 24.8 37.2

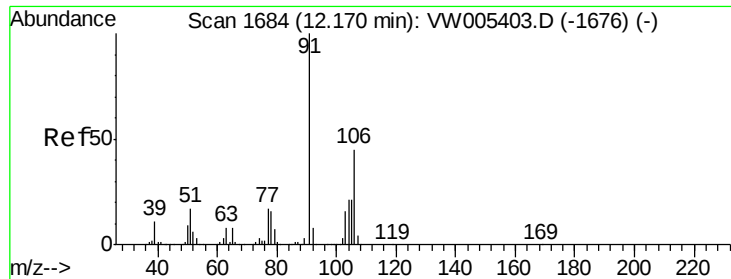


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

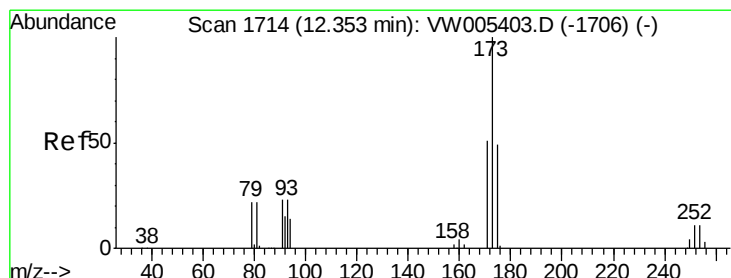
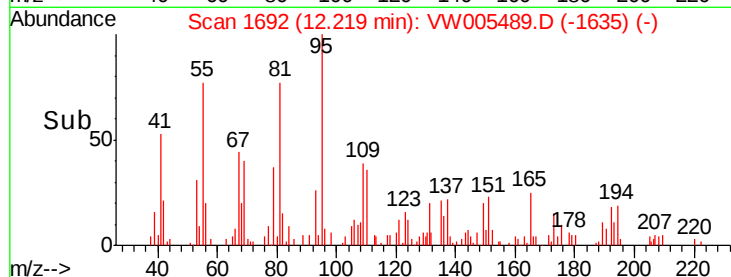
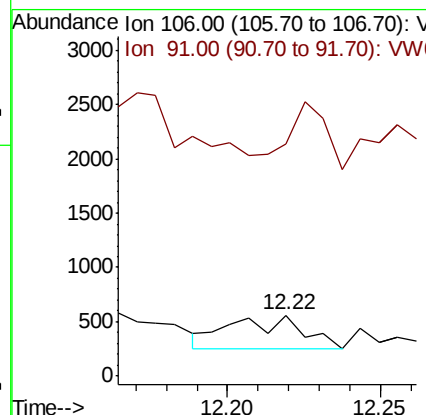
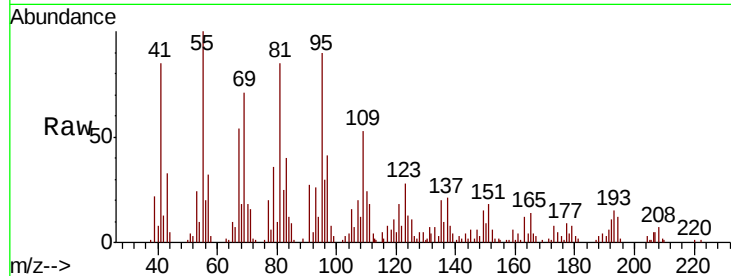




#69
o-Xylene
Concen: 1.138 ug/l
RT: 12.22 min Scan# 1692
Delta R.T. 0.05 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

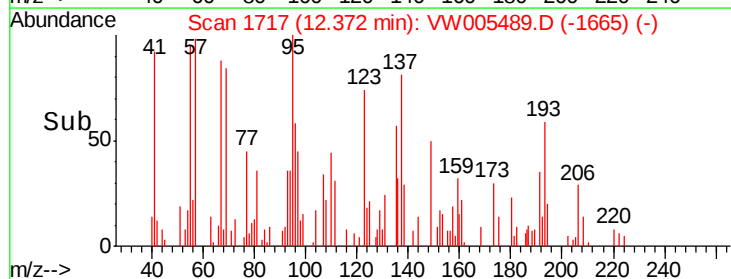
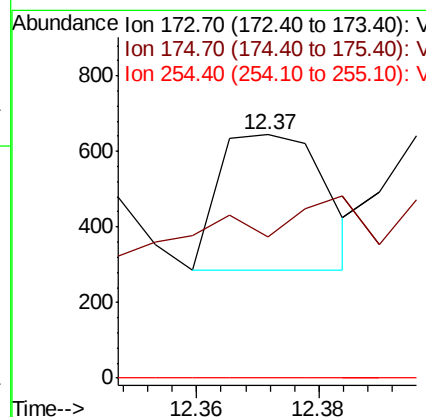
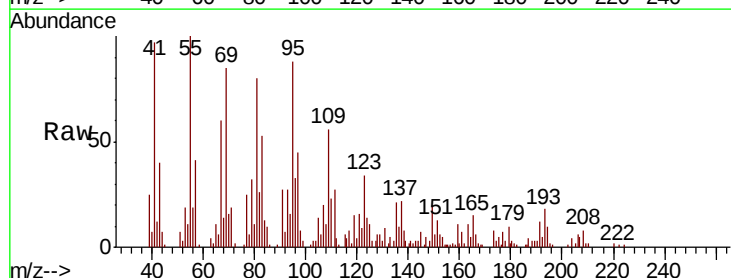
Instrument :
MSVOA_W
ClientSampleId :
138-KVRE

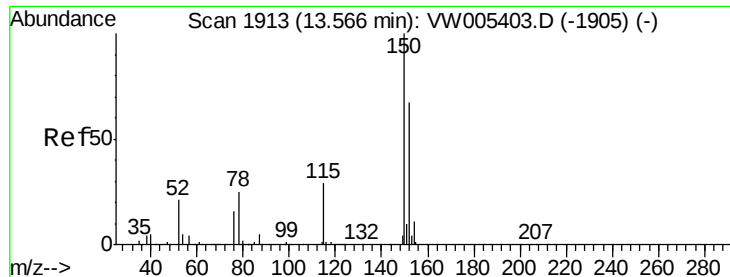
Tgt Ion:106 Resp: 493
Ion Ratio Lower Upper
106 100
91 113.8 110.6 331.6



#71
Bromoform
Concen: 3.725 ug/l
RT: 12.37 min Scan# 1717
Delta R.T. 0.02 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Tgt Ion:173 Resp: 433
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

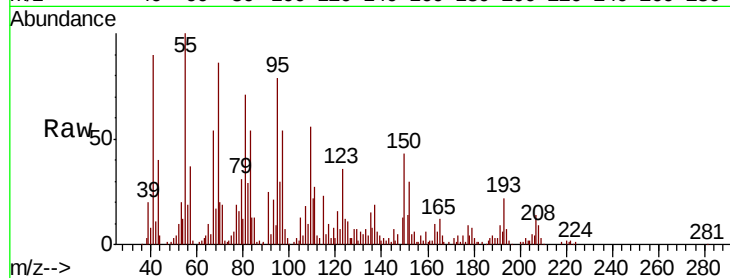
Tgt Ion:152 Resp: 7030

Ion Ratio Lower Upper

152 100

115 67.1 29.5 88.5

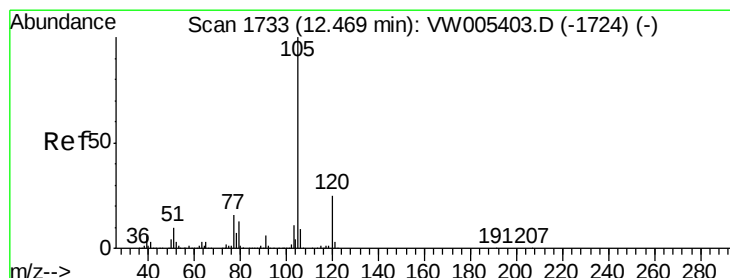
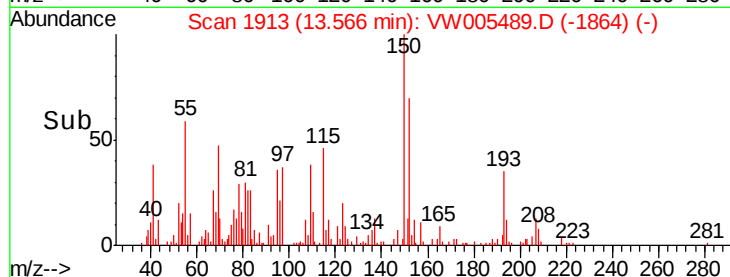
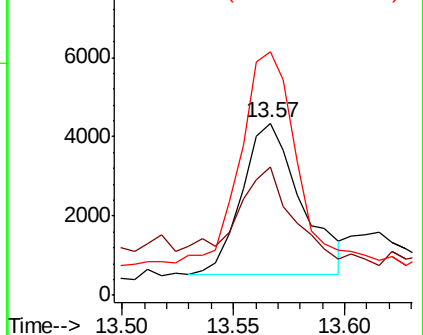
150 152.9 0.0 345.6



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: 1.695 ug/l

RT: 12.59 min Scan# 1753

Delta R.T. 0.12 min

Lab File: VW005489.D

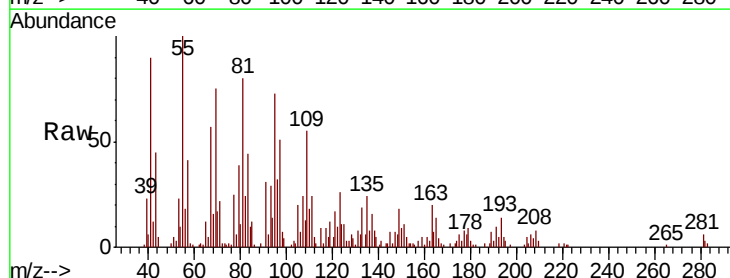
Acq: 18 Sep 2018 19:38

Tgt Ion:105 Resp: 836

Ion Ratio Lower Upper

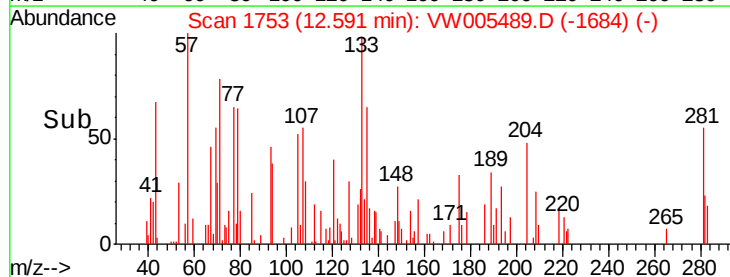
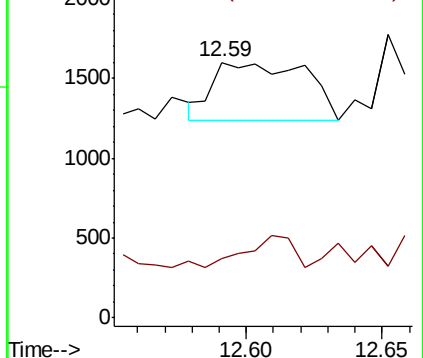
105 100

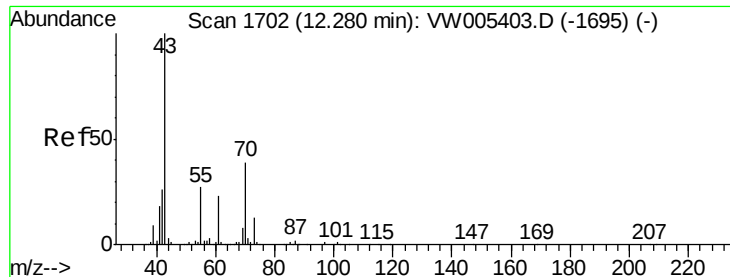
120 28.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 7.486 ug/l

RT: 12.30 min Scan# 1706

Delta R.T. 0.02 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

Tgt Ion: 43 Resp: 778

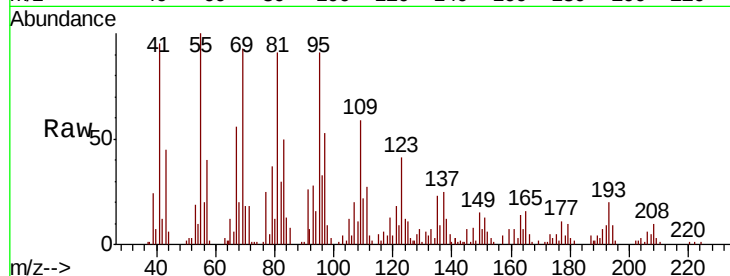
Ion Ratio Lower Upper

43 100

70 44.3 31.9 47.9

55 0.0 21.4 32.0#

61 0.0 18.3 27.5#



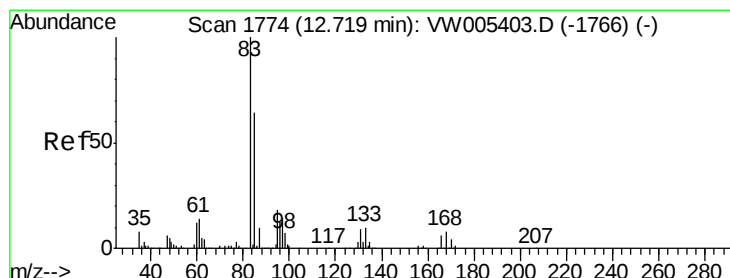
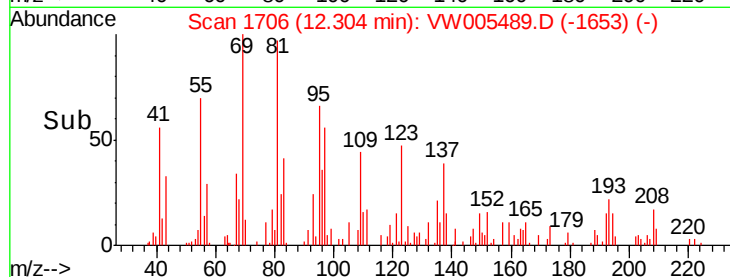
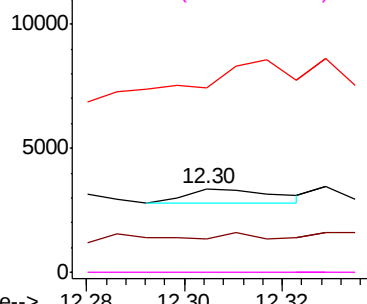
Abundance

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: 23.683 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.23 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

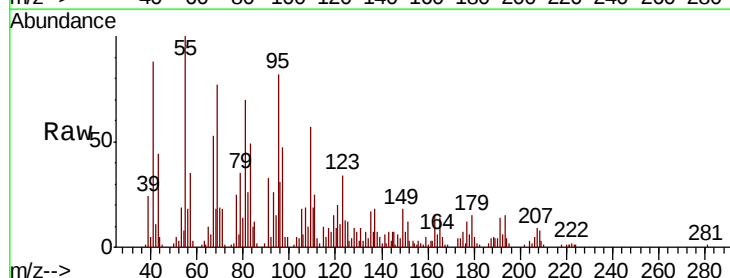
Tgt Ion: 83 Resp: 1704

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.1

85 39.1 31.6 95.0

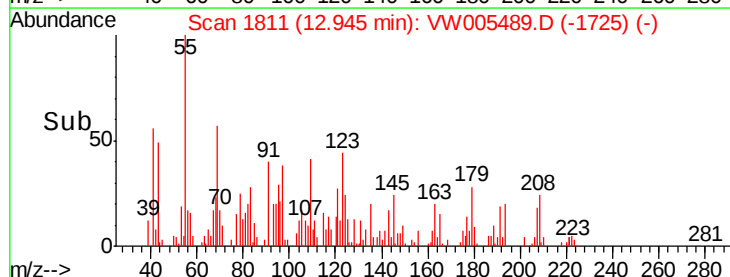
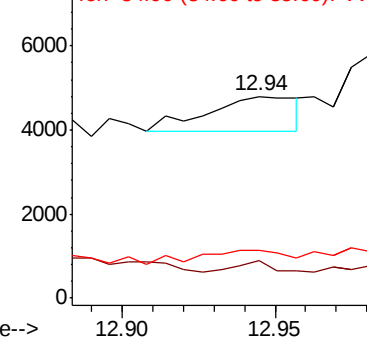


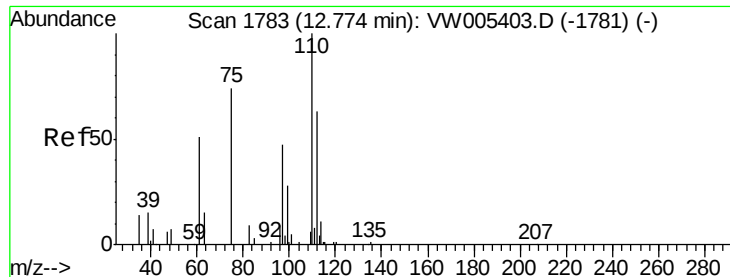
Abundance

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: 2.681 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

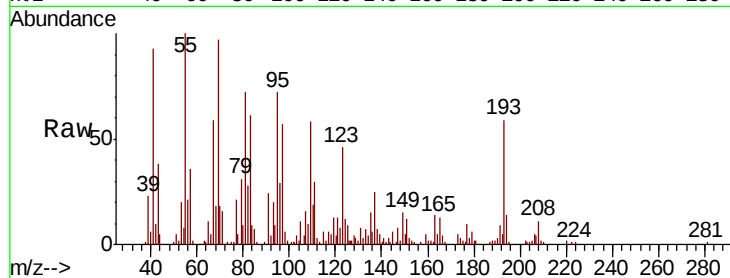
138-KVRE

Tgt Ion: 75 Resp: 155

Ion Ratio Lower Upper

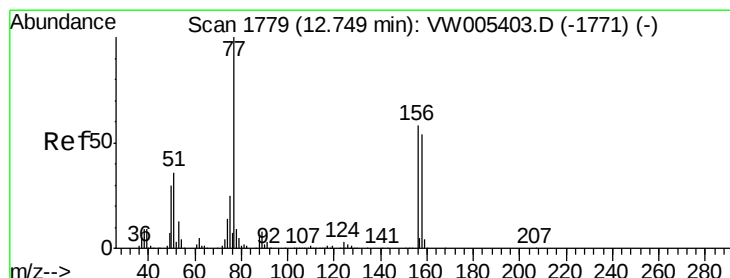
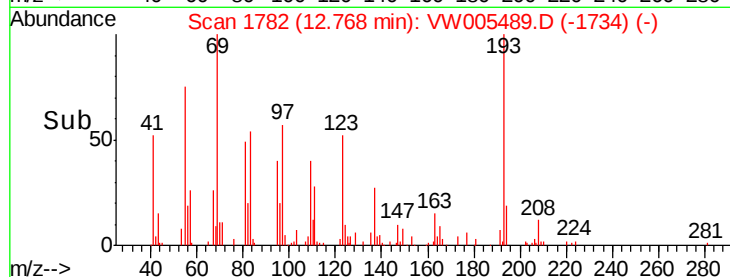
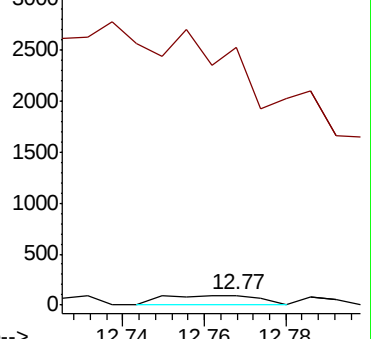
75 100

77 0.0 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: 2.796 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.12 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

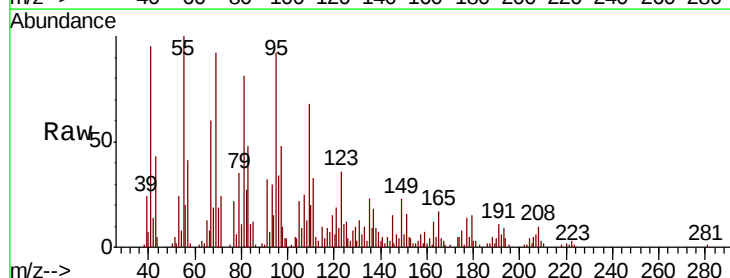
Tgt Ion: 156 Resp: 326

Ion Ratio Lower Upper

156 100

77 135.6 92.8 278.3

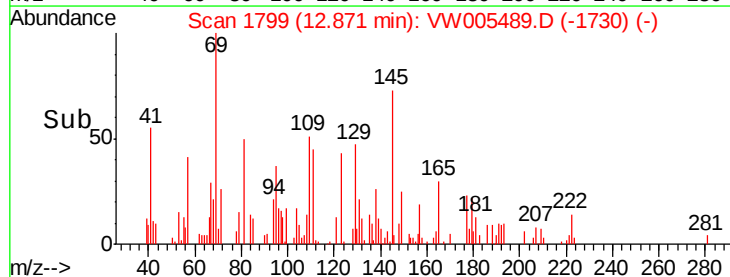
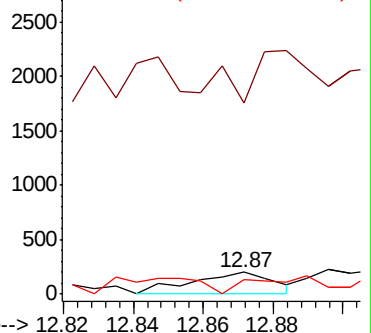
158 67.8 48.2 144.6

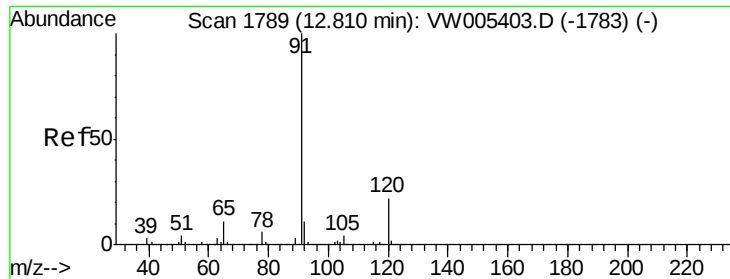


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.084 ug/l

RT: 12.73 min Scan# 1776

Delta R.T. -0.08 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

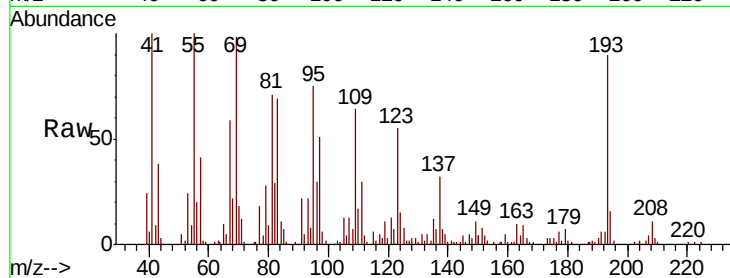
138-KVRE

Tgt Ion: 91 Resp: 645

Ion Ratio Lower Upper

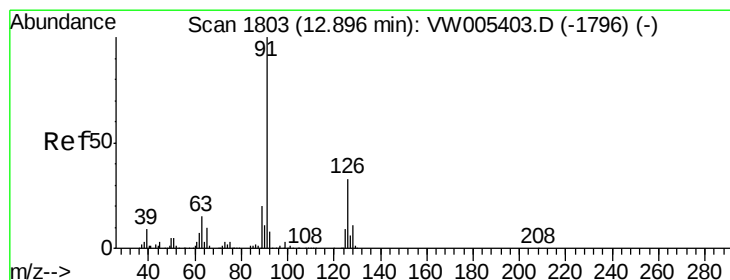
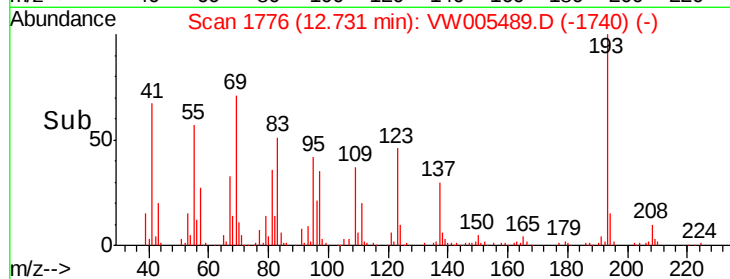
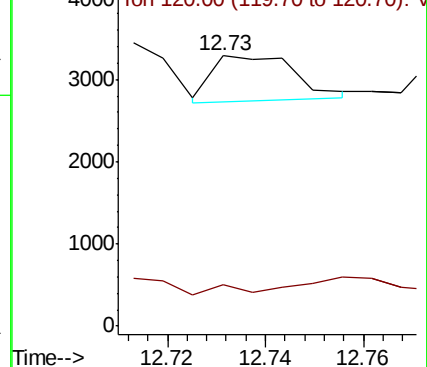
91 100

120 26.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.369 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.05 min

Lab File: VW005489.D

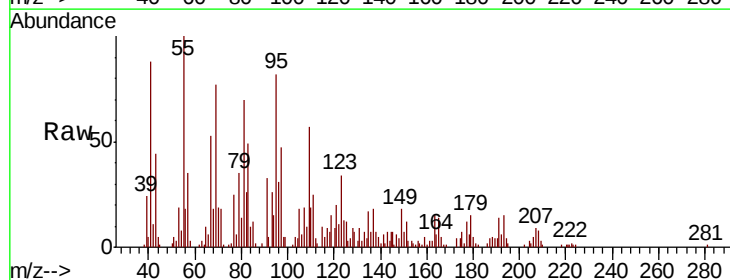
Acq: 18 Sep 2018 19:38

Tgt Ion: 91 Resp: 832

Ion Ratio Lower Upper

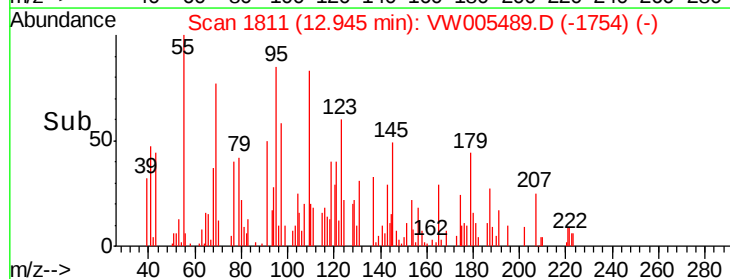
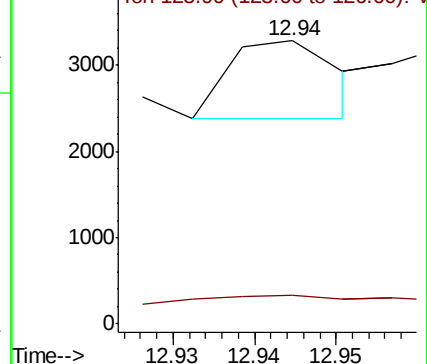
91 100

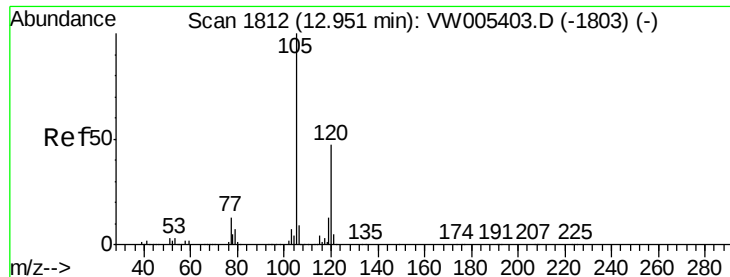
126 42.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 3.100 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

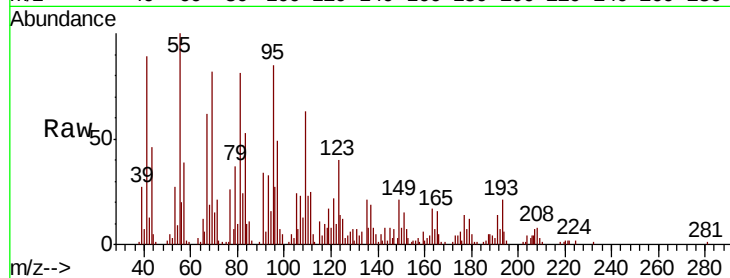
138-KVRE

Tgt Ion: 105 Resp: 1334

Ion Ratio Lower Upper

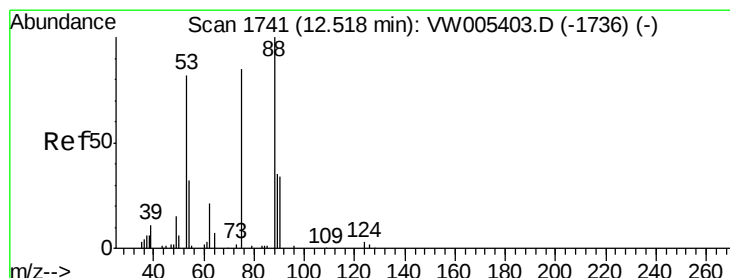
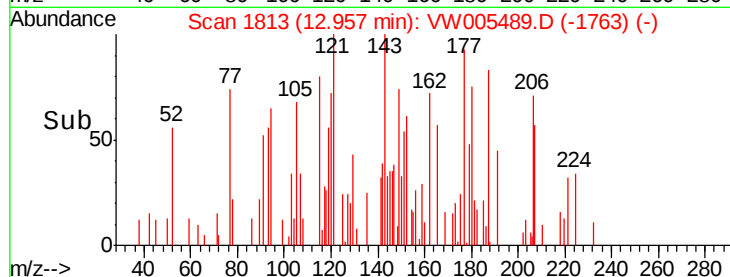
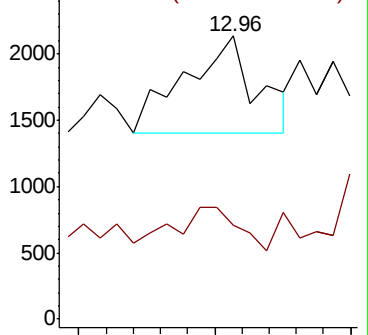
105 100

120 36.4 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 6.640 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

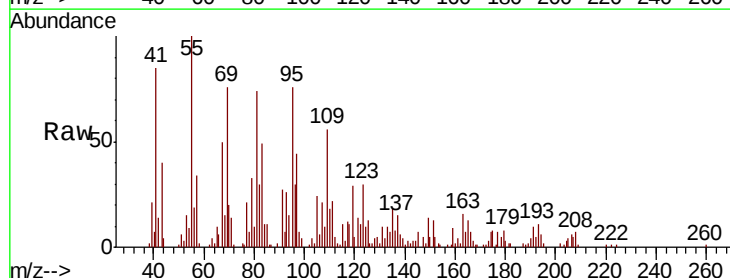
Tgt Ion: 75 Resp: 148

Ion Ratio Lower Upper

75 100

53 714.2 83.2 124.8#

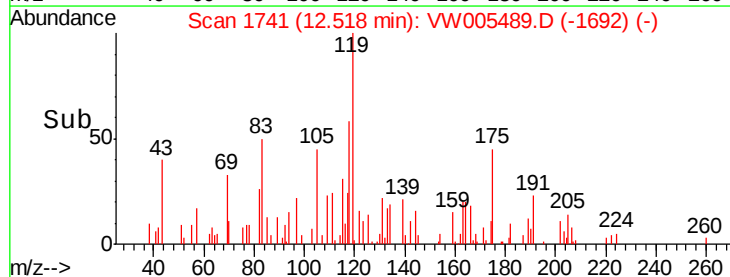
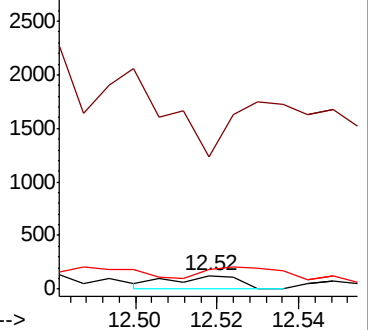
89 139.2 36.6 54.8#

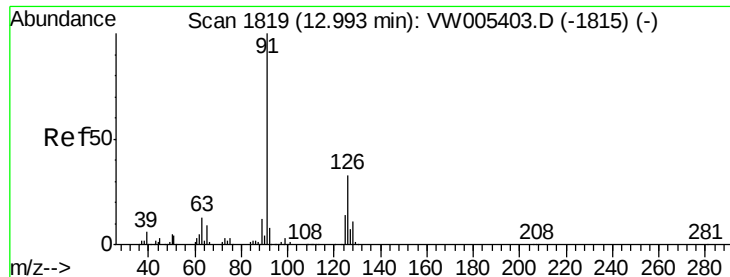


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

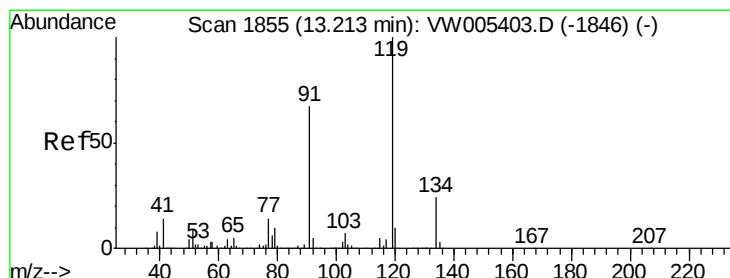
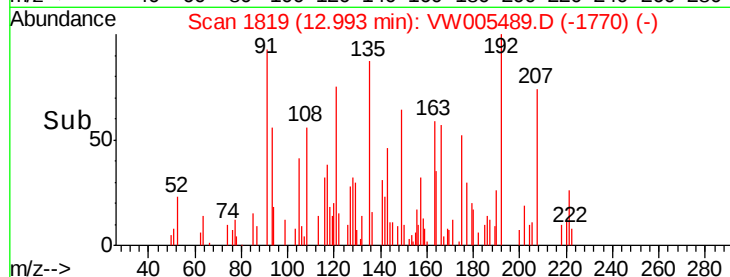
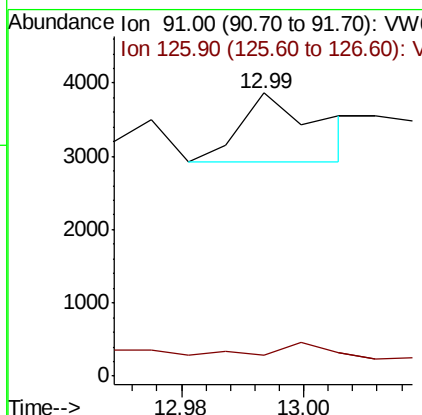
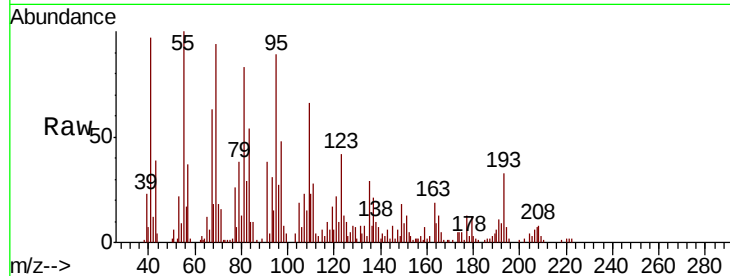




#82
4-Chlorotoluene
Concen: 2.279 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

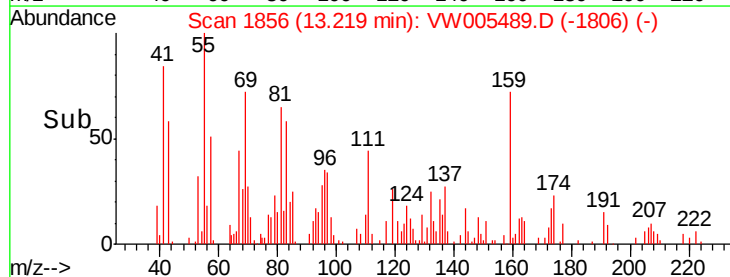
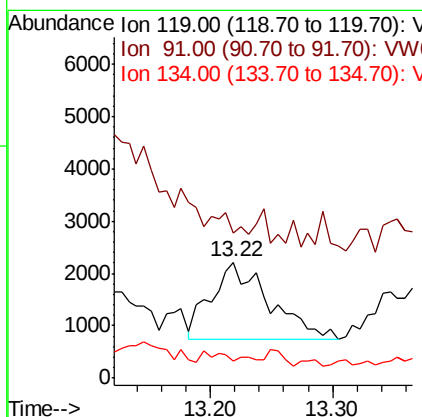
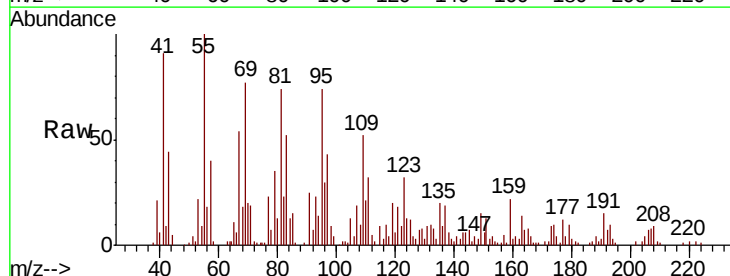
Instrument :
MSVOA_W
ClientSampleId :
138-KVRE

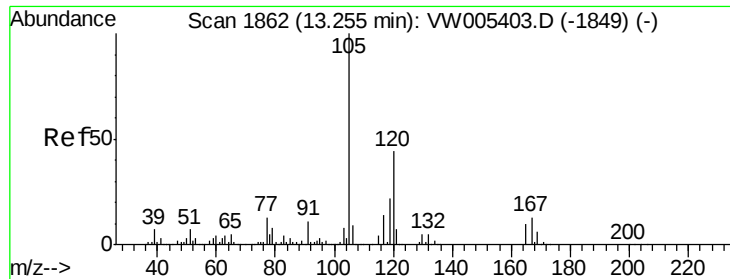
Tgt Ion: 91 Resp: 845
Ion Ratio Lower Upper
91 100
126 20.8 16.4 49.1



#83
tert-Butylbenzene
Concen: 13.412 ug/l
RT: 13.22 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Tgt Ion: 119 Resp: 4794
Ion Ratio Lower Upper
119 100
91 0.0 34.4 103.2#
134 0.0 12.7 38.0#

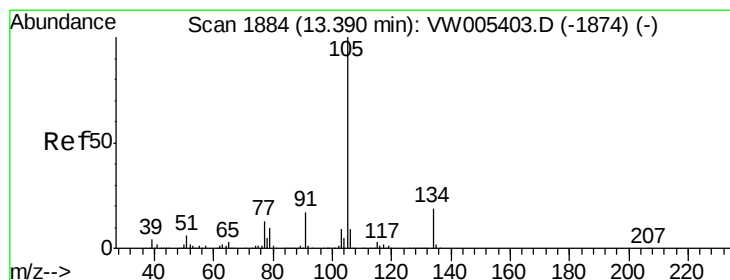
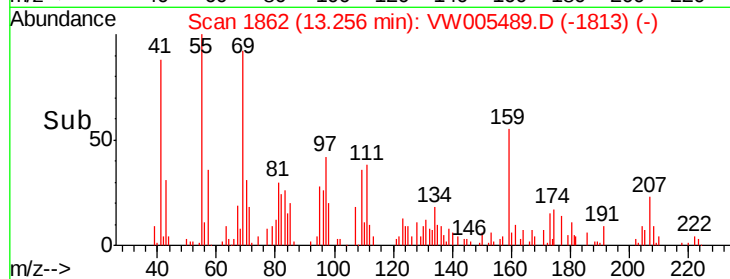
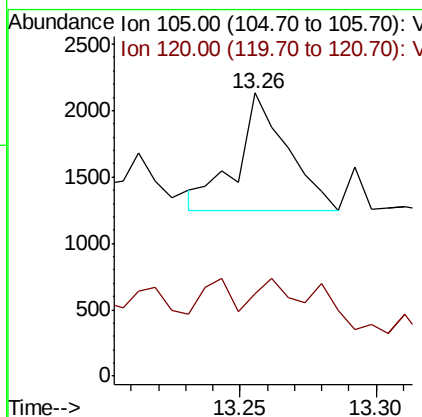
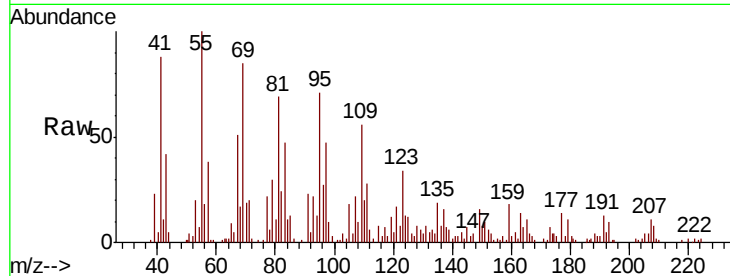




#84
 1,2,4-Trimethylbenzene
 Concen: 2.609 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

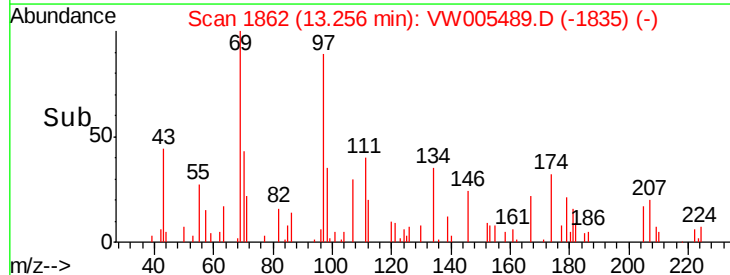
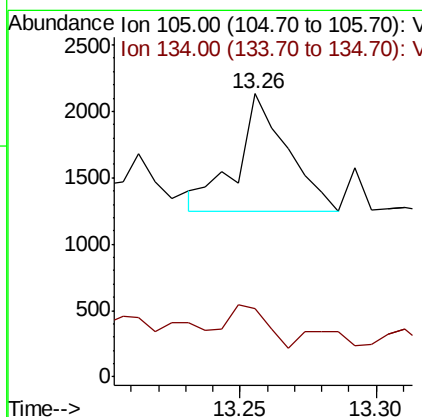
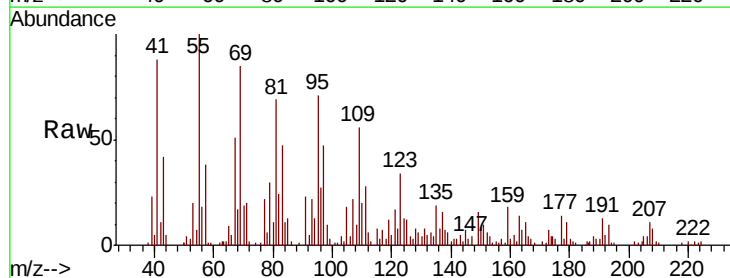
Instrument :
 MSVOA_W
 ClientSampleId :
 138-KVRE

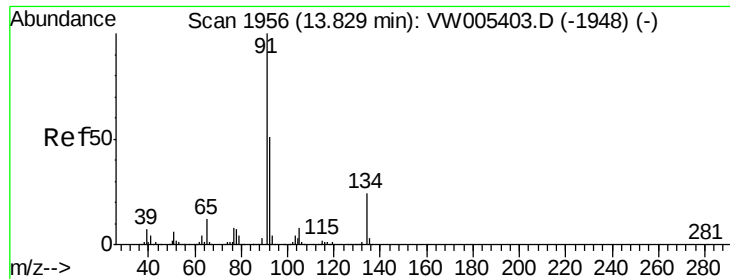
Tgt Ion:105 Resp: 1140
 Ion Ratio Lower Upper
 105 100
 120 59.5 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 2.207 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

Tgt Ion:105 Resp: 1140
 Ion Ratio Lower Upper
 105 100
 134 28.8 9.8 29.5





#89

n-Butylbenzene

Concen: 2.795 ug/l

RT: 13.68 min Scan# 1931

Delta R.T. -0.15 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

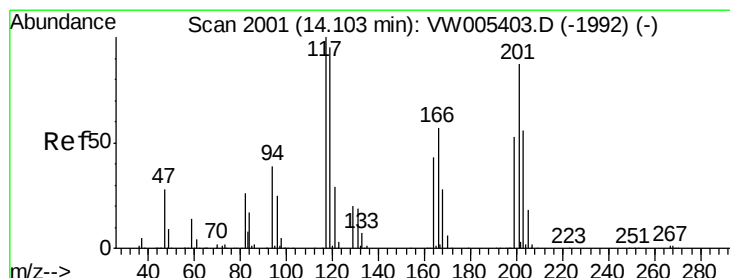
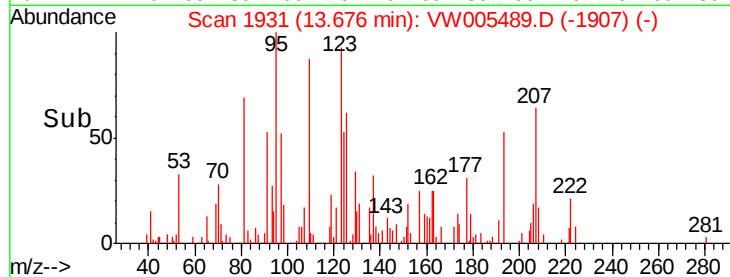
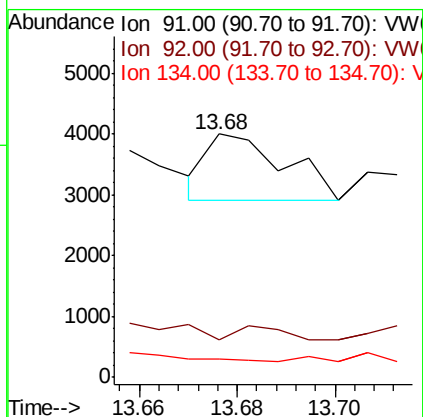
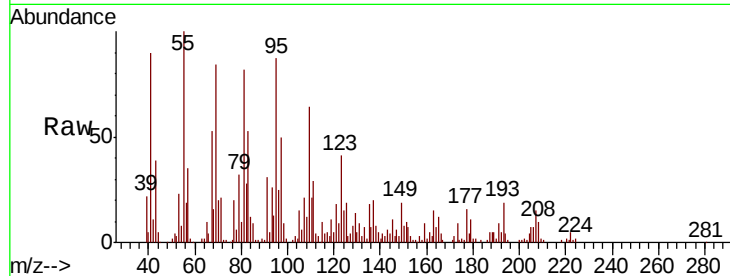
Tgt Ion: 91 Resp: 1202

Ion Ratio Lower Upper

91 100

92 29.0 26.2 78.6

134 14.0 12.7 38.1



#90

Hexachloroethane

Concen: 6.672 ug/l

RT: 14.05 min Scan# 1993

Delta R.T. -0.05 min

Lab File: VW005489.D

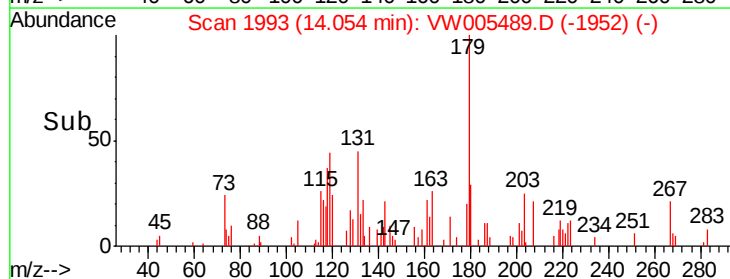
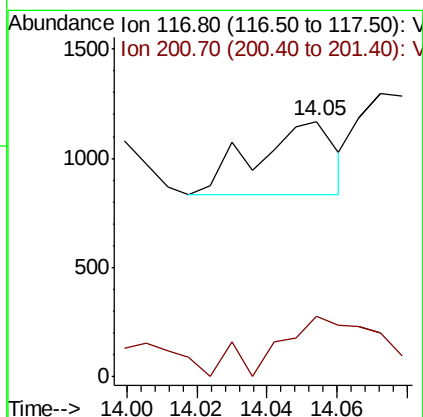
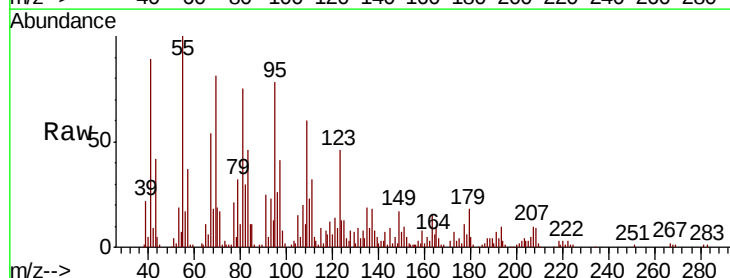
Acq: 18 Sep 2018 19:38

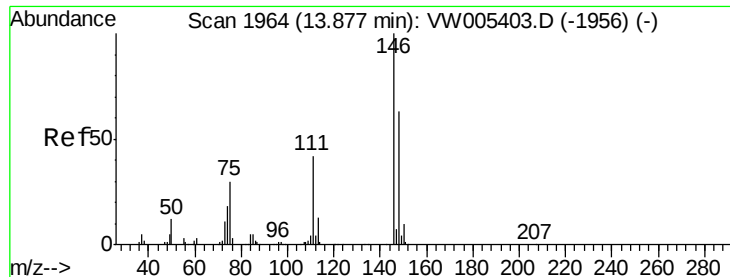
Tgt Ion: 117 Resp: 528

Ion Ratio Lower Upper

117 100

201 107.0 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 1.345 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

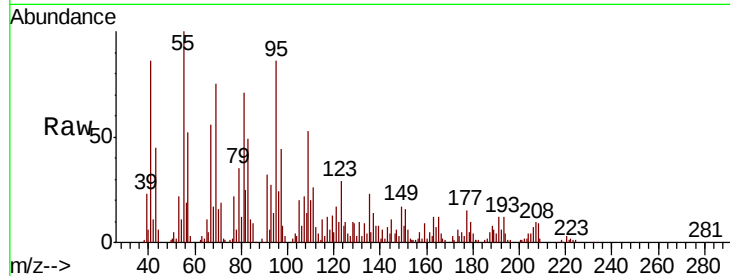
Tgt Ion:146 Resp: 278

Ion Ratio Lower Upper

146 100

111 0.0 21.0 63.0#

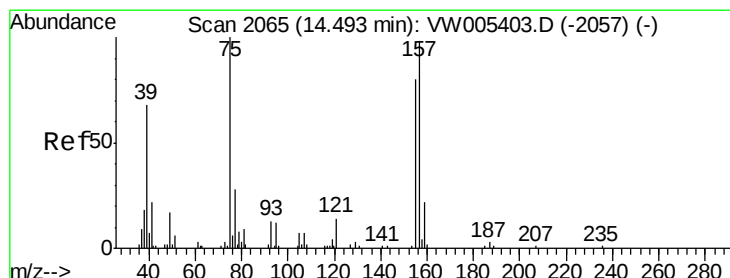
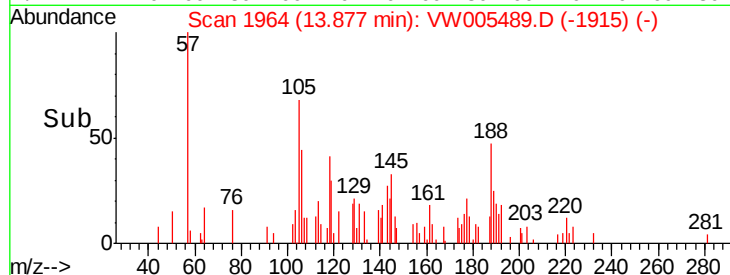
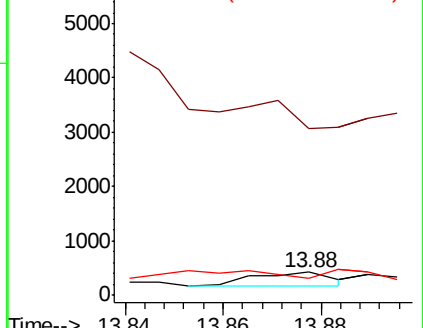
148 0.0 31.9 95.9#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.000 ug/l

RT: 14.52 min Scan# 2070

Delta R.T. 0.03 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

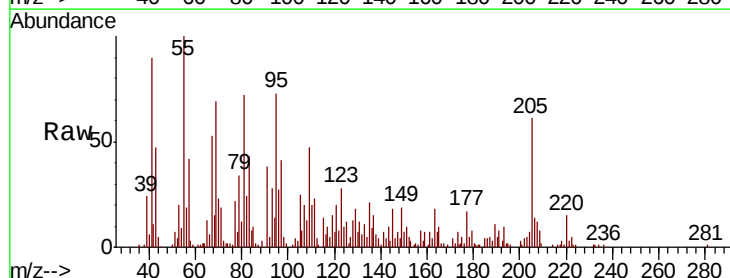
Tgt Ion: 75 Resp: 152

Ion Ratio Lower Upper

75 100

155 169.1 39.0 117.0#

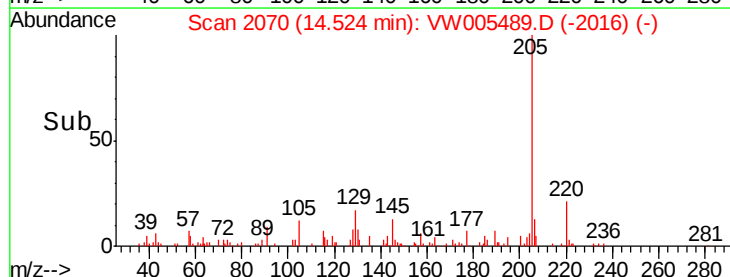
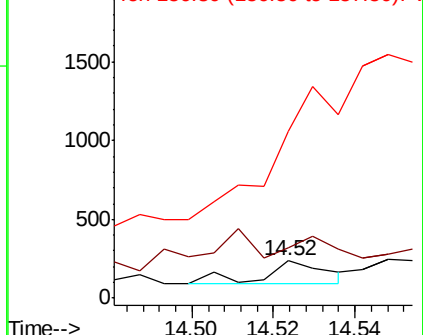
157 0.0 49.9 149.6#

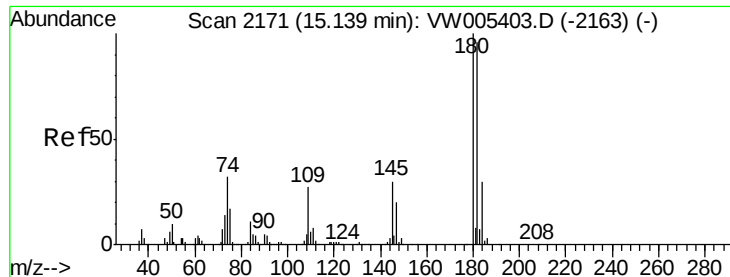


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



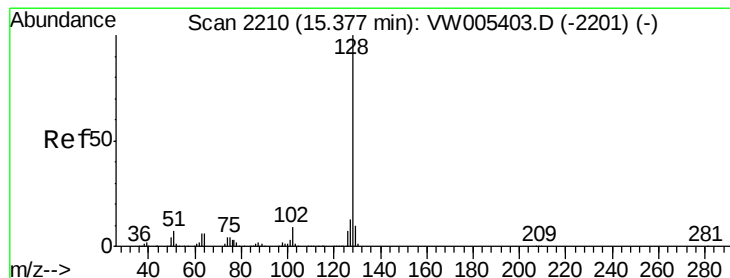
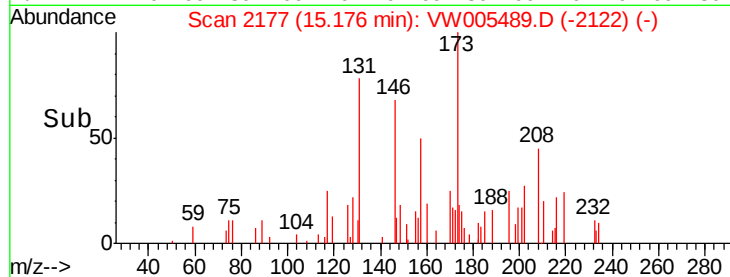
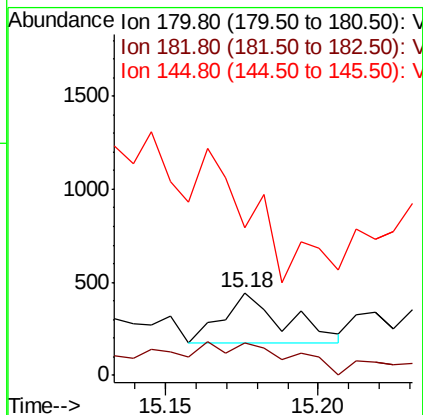
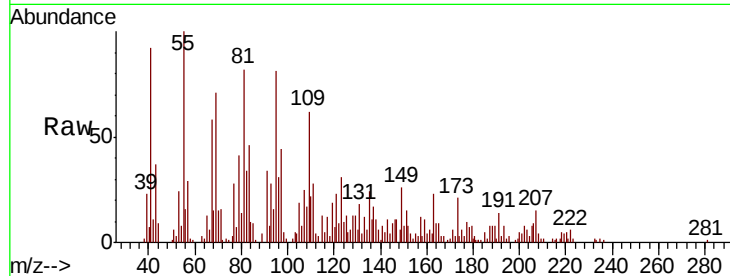


#93

1,2,4-Trichlorobenzene
Concen: 2.734 ug/l
RT: 15.18 min Scan# 2177
Delta R.T. 0.04 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
138-KVRE

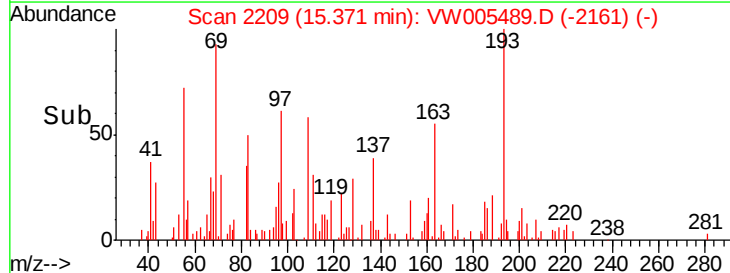
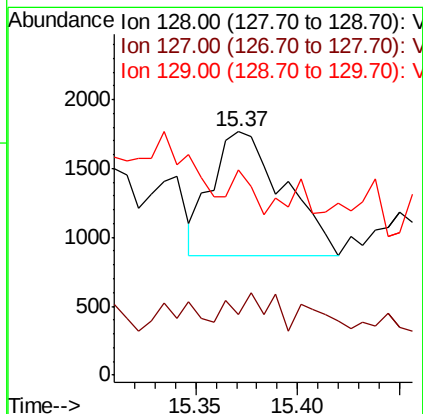
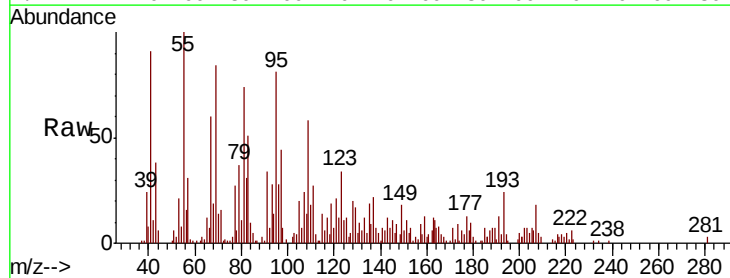
Tgt Ion:180 Resp: 377
Ion Ratio Lower Upper
180 100
182 144.6 47.3 141.9#
145 0.0 14.8 44.3#

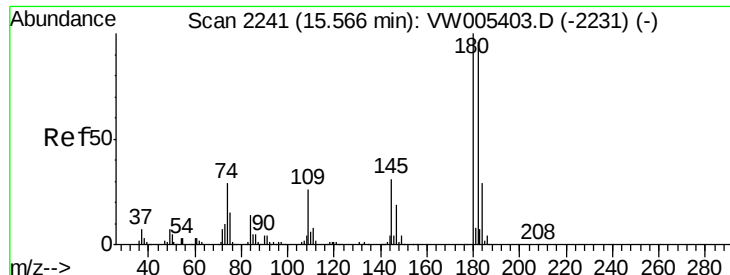


#95

Naphthalene
Concen: 9.618 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Tgt Ion:128 Resp: 2210
Ion Ratio Lower Upper
128 100
127 16.9 11.0 16.4#
129 0.0 8.7 13.1#

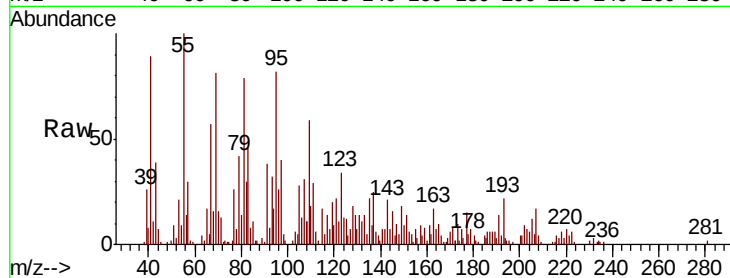




#96
 1,2,3-Trichlorobenzene
 Concen: 1.753 ug/l
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 138-KVRE

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	668.2	15.9	47.7#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

