

Data File : VW004844.D
Acq On : 21 Aug 2018 16:28
Operator : SY/AP
Sample : J4561-01
Misc : 4.53G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

Quant Time: Aug 22 05:18:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	609650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	987276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	643490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3575673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	288006	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.89	113	279768	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
50) Toluene-d8	10.33	98	990994	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	
62) 4-Bromofluorobenzene	12.63	95	11007946	1242.22	ug/l	0.01
Spiked Amount	50.000		Recovery	=	2484.44%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.24	59	2648	8.042	ug/l #	72
13) Acrolein	3.84	56	617	1.396	ug/l #	1
14) Allyl chloride	4.90	41	32343	3.392	ug/l #	47
15) Acrylonitrile	5.43	53	12522	9.020	ug/l #	43
16) Acetone	4.14	43	61639	40.967	ug/l	92
17) Carbon Disulfide	4.38	76	59606	2.887	ug/l	99
20) Methylene Chloride	4.91	84	22715	Below Cal		98
25) 2-Butanone	7.18	43	64015	29.861	ug/l #	63
29) Tetrahydrofuran	7.54	42	5711	5.224	ug/l #	62
31) Cyclohexane	7.95	56	16178	1.404	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	43509	4.278	ug/l #	49
37) Ethyl Acetate	7.18	43	64015	15.789	ug/l #	72
38) Carbon Tetrachloride	7.95	117	55954	5.977	ug/l #	15
39) Methylcyclohexane	9.31	83	928852	73.028	ug/l #	30
41) Methacrylonitrile	7.54	41	5287	2.298	ug/l #	41
43) Isopropyl Acetate	8.43	43	44793	6.151	ug/l #	49
45) 1,2-Dichloropropane	9.34	63	27607	3.818	ug/l #	1
47) Bromodichloromethane	9.62	83	880721	102.955	ug/l #	63
48) Methyl methacrylate	9.48	41	416157	121.783	ug/l #	23
49) 1,4-Dioxane	9.58	88	139	2.656	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	1235274	250.978	ug/l #	67
52) Toluene	10.39	92	25239	1.424	ug/l	90
55) 1,1,2-Trichloroethane	10.77	97	267644	52.566	ug/l #	1
56) Ethyl methacrylate	10.63	69	9290787	1316.476	ug/l #	85
58) 2-Chloroethyl Vinyl ether	9.91	63	7917	2.816	ug/l #	47
59) 2-Hexanone	10.95	43	4698182	1408.802	ug/l #	32
60) Dibromochloromethane	11.05	129	33975	5.948	ug/l	67
61) 1,2-Dibromoethane	11.23	107	17175	3.529	ug/l #	1
64) Tetrachloroethene	10.87	164	4740	1.078	ug/l	89
65) Chlorobenzene	11.68	112	104540	7.548	ug/l #	43
67) Ethyl Benzene	11.74	91	32674	1.392	ug/l	99
68) m/p-Xylenes	11.84	106	45441	4.974	ug/l #	1
69) o-Xylene	12.17	106	29239	3.458	ug/l #	1
74) N-amyl acetate	12.21	43	1438290	27.235	ug/l #	41

Data File : VW004844.D
Acq On : 21 Aug 2018 16:28
Operator : SY/AP
Sample : J4561-01
Misc : 4.53G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

Quant Time: Aug 22 05:18:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

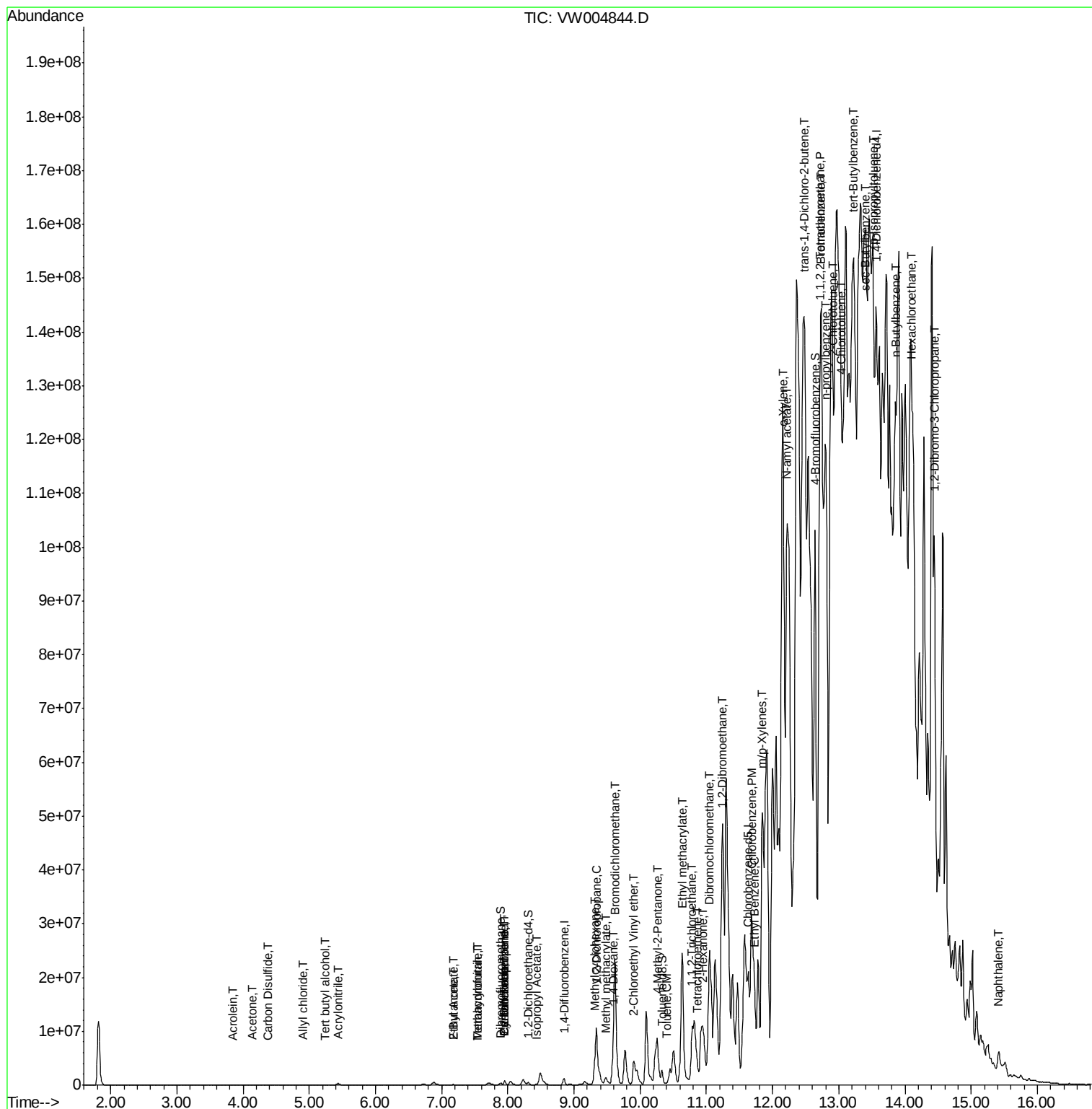
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.71	83	9457445	209.873	ug/l #	26
77) Bromobenzene	12.74	156	205558	3.491	ug/l #	1
78) n-propylbenzene	12.80	91	776887	2.617	ug/l #	61
79) 2-Chlorotoluene	12.92	91	2105697	12.307	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.48	75	37976	2.800	ug/l #	1
82) 4-Chlorotoluene	13.05	91	374399	2.059	ug/l #	41
83) tert-Butylbenzene	13.23	119	4283034	24.230	ug/l	87
85) sec-Butylbenzene	13.40	105	3087512	11.699	ug/l #	1
86) p-Isopropyltoluene	13.53	119	246535	1.074	ug/l #	51
89) n-Butylbenzene	13.85	91	650846	2.932	ug/l #	57
90) Hexachloroethane	14.11	117	377198	9.012	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.44	75	65033	9.234	ug/l #	7
95) Naphthalene	15.41	128	28659	3.688	ug/l #	1

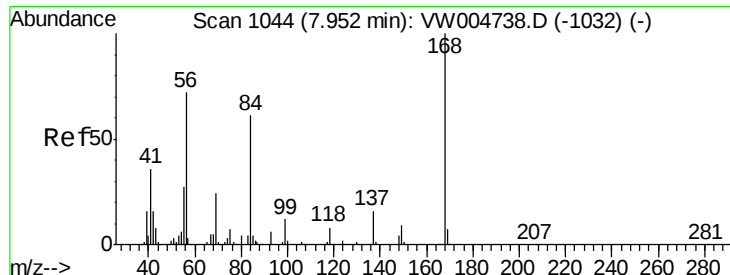
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW004844.D
Acq On : 21 Aug 2018 16:28
Operator : SY/AP
Sample : J4561-01
Misc : 4.53G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

Quant Time: Aug 22 05:18:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

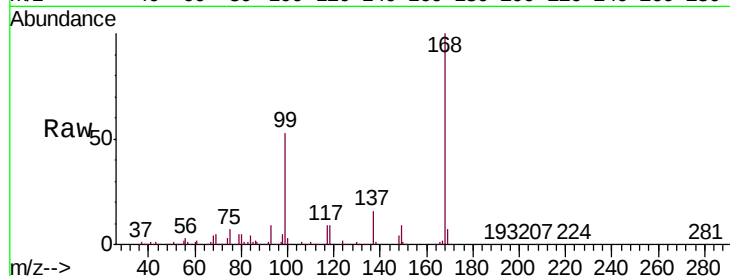
H-R-P-T-WC-1-GRAB-7

Tgt Ion:168 Resp: 609650

Ion Ratio Lower Upper

168 100

99 52.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

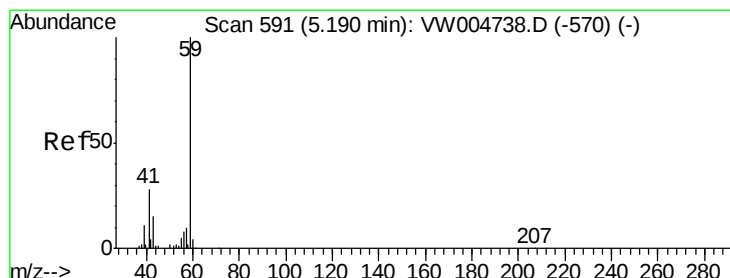
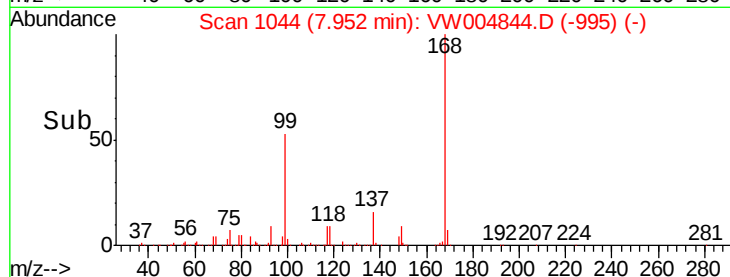
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.042 ug/l

RT: 5.24 min Scan# 599

Delta R.T. 0.05 min

Lab File: VW004844.D

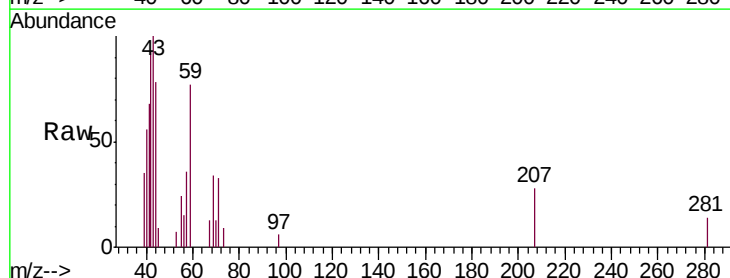
Acq: 21 Aug 2018 16:28

Tgt Ion: 59 Resp: 2648

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

20000

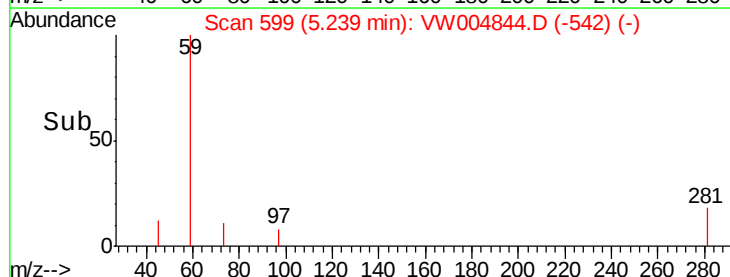
15000

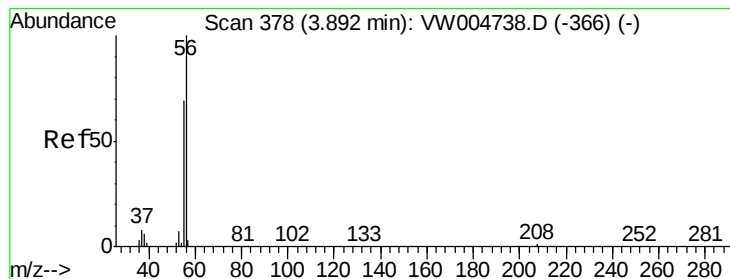
10000

5000

0

Time-->





#13

Acrolein

Concen: 1.396 ug/l

RT: 3.84 min Scan# 369

Delta R.T. -0.05 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

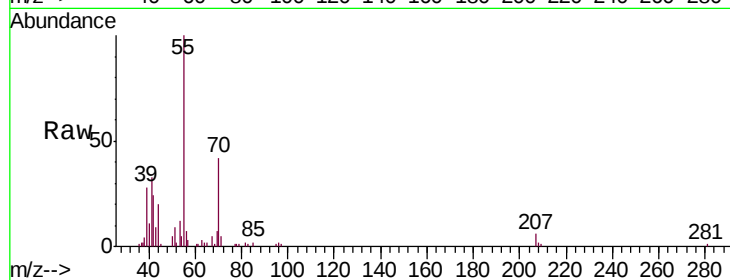
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 56 Resp: 617

Ion Ratio Lower Upper

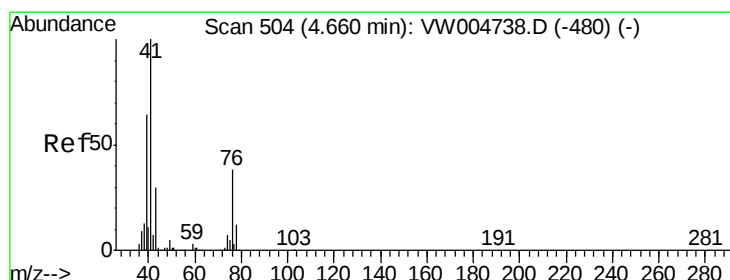
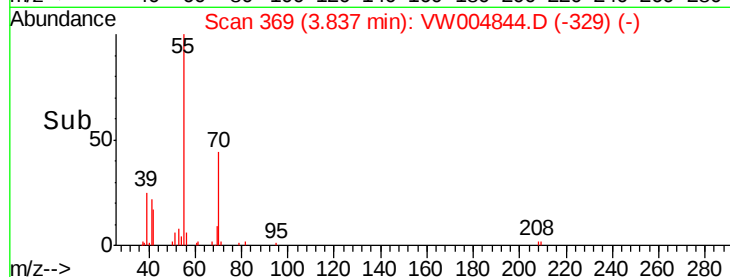
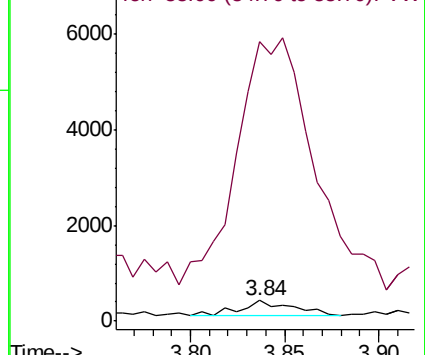
56 100

55 2429.3 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 3.392 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.24 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

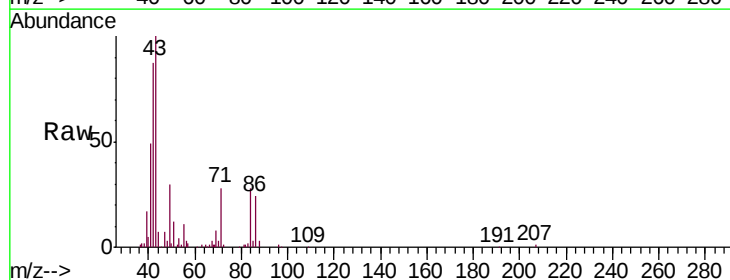
Tgt Ion: 41 Resp: 32343

Ion Ratio Lower Upper

41 100

39 26.0 50.0 75.0#

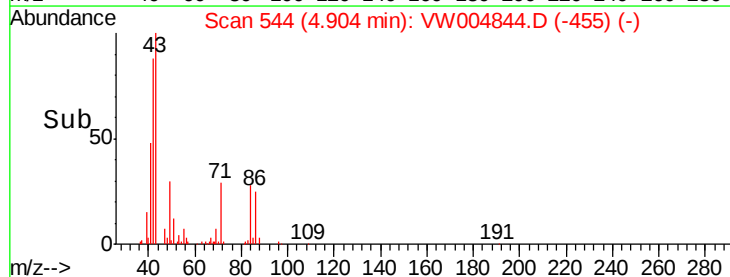
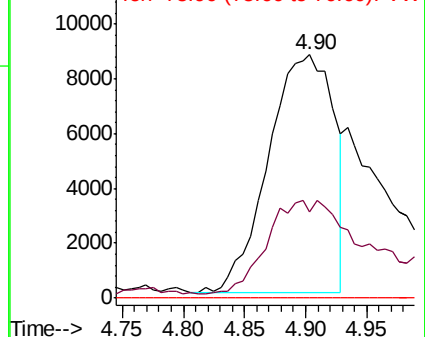
76 0.0 29.8 44.6#

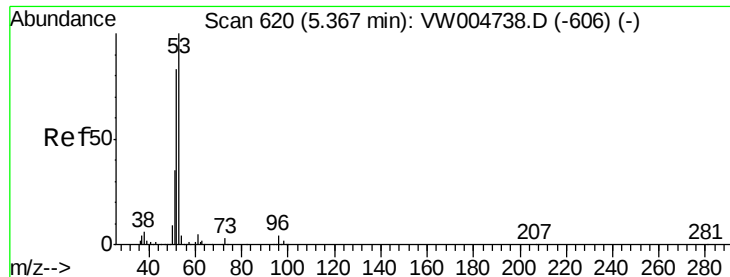


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 9.020 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.07 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

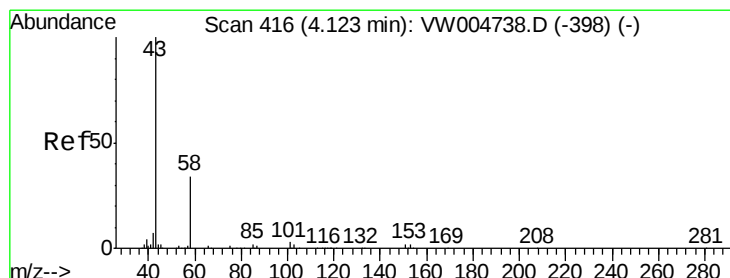
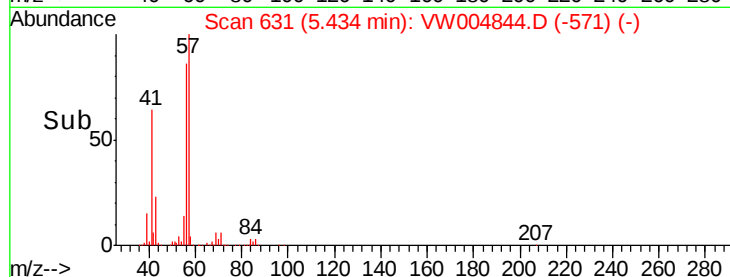
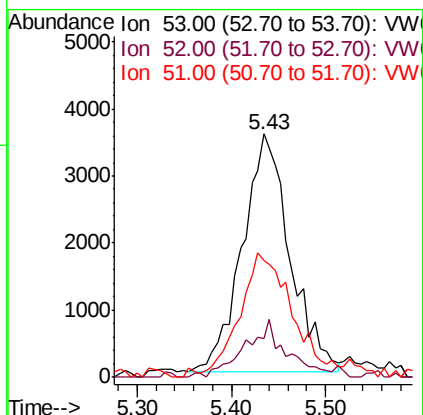
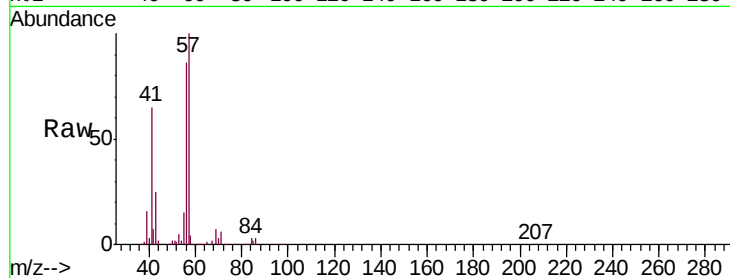
Tgt Ion: 53 Resp: 12522

Ion Ratio Lower Upper

53 100

52 21.3 65.8 98.6#

51 54.4 28.7 43.1#



#16

Acetone

Concen: 40.967 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004844.D

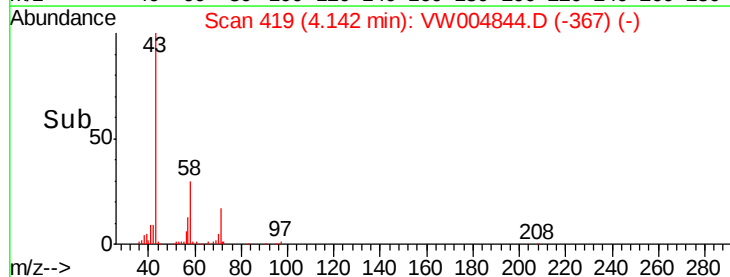
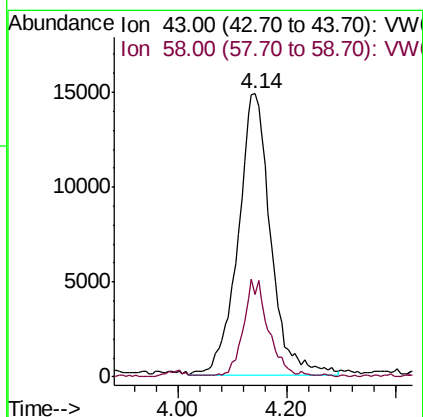
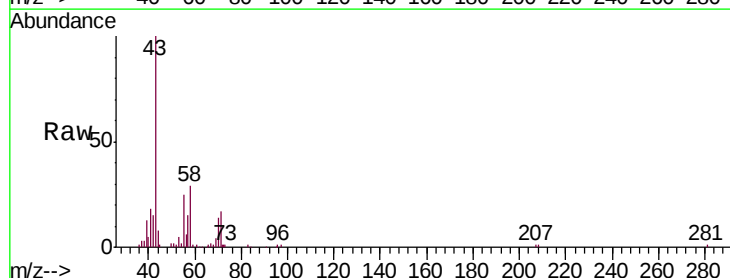
Acq: 21 Aug 2018 16:28

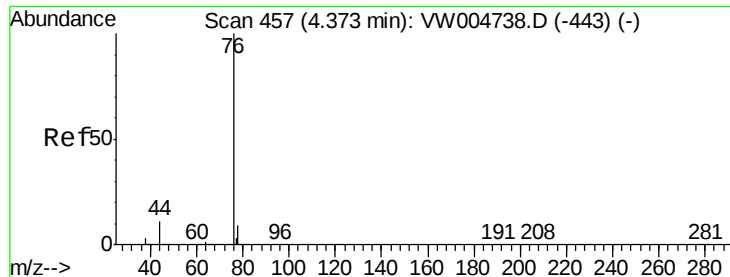
Tgt Ion: 43 Resp: 61639

Ion Ratio Lower Upper

43 100

58 29.6 27.3 40.9

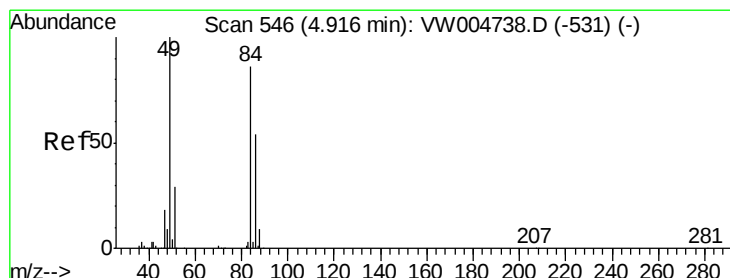
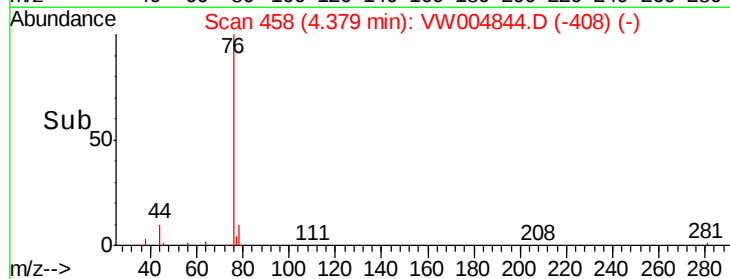
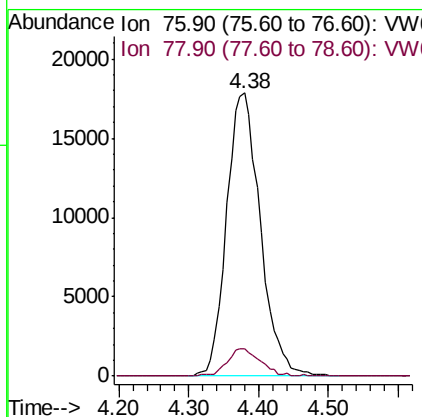
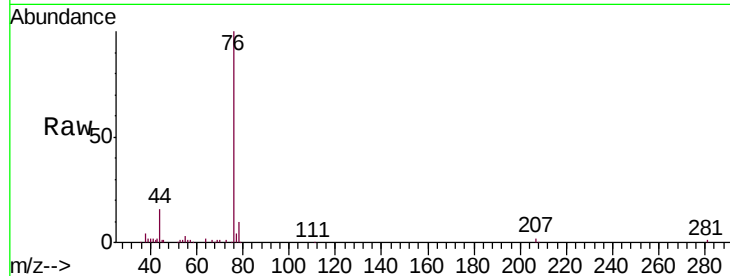




#17
Carbon Disulfide
Concen: 2.887 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

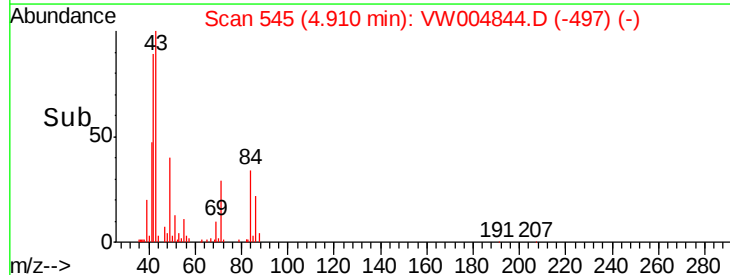
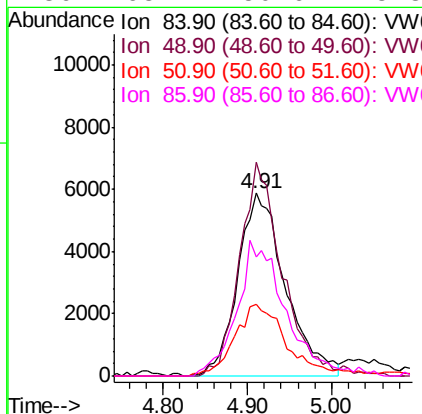
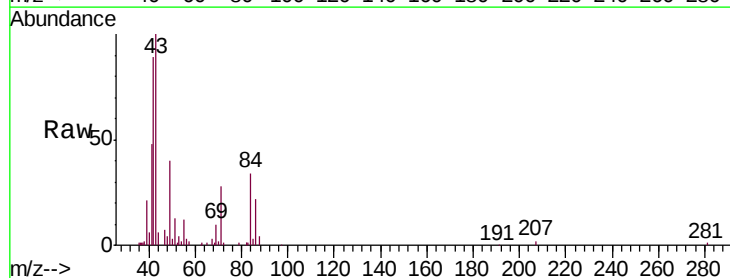
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

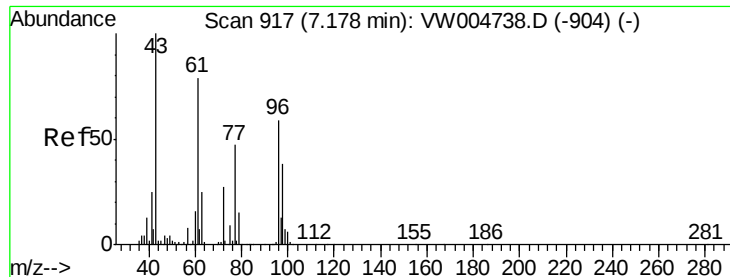
Tgt Ion: 76 Resp: 59606
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion: 84 Resp: 22715
Ion Ratio Lower Upper
84 100
49 116.7 93.2 139.8
51 38.9 27.4 41.0
86 65.1 50.6 75.8





#25

2-Butanone

Concen: 29.861 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

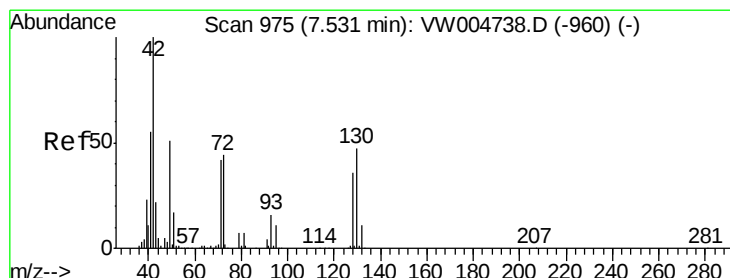
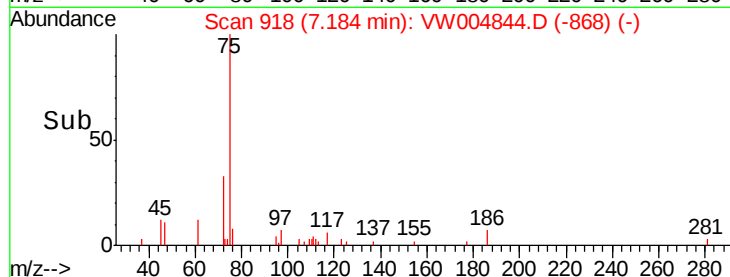
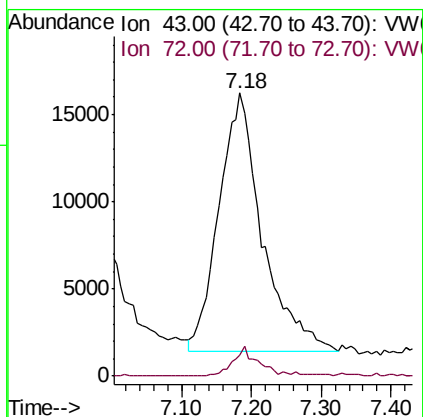
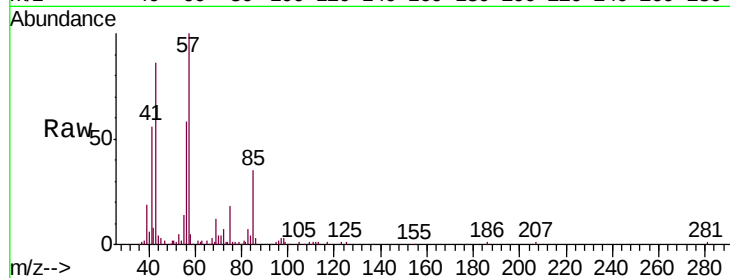
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 43 Resp: 64015

Ion Ratio Lower Upper

43 100

72 8.3 22.0 33.0#



#29

Tetrahydrofuran

Concen: 5.224 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

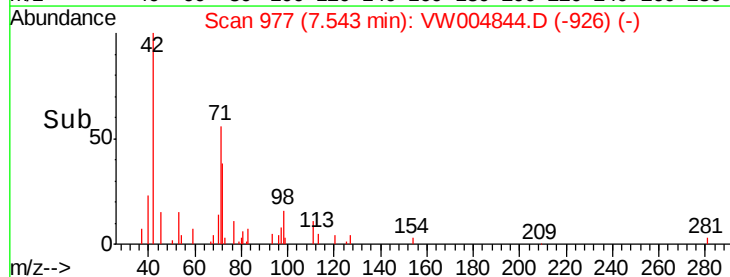
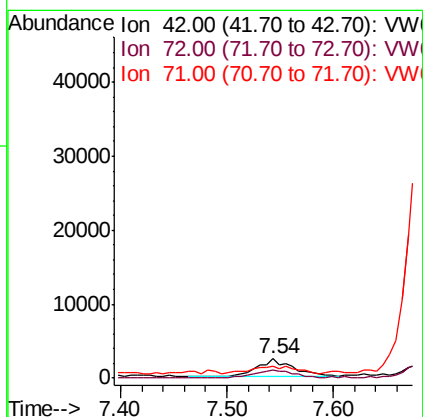
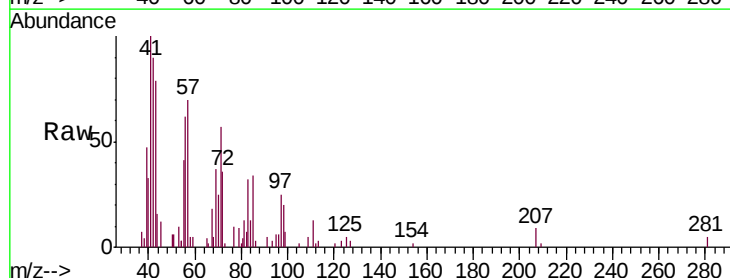
Tgt Ion: 42 Resp: 5711

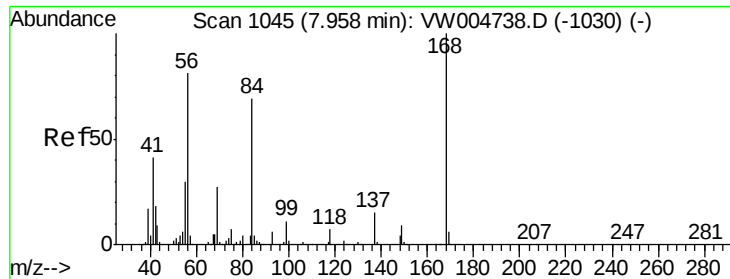
Ion Ratio Lower Upper

42 100

72 50.6 34.9 52.3

71 0.0 33.8 50.6#

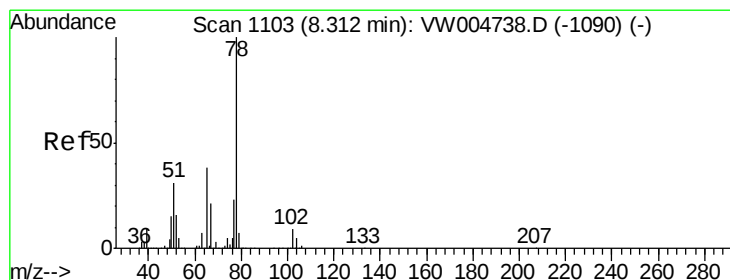
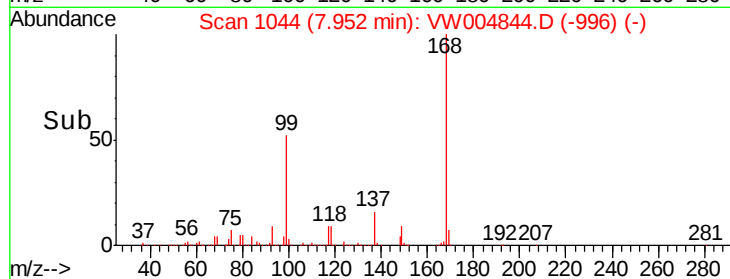
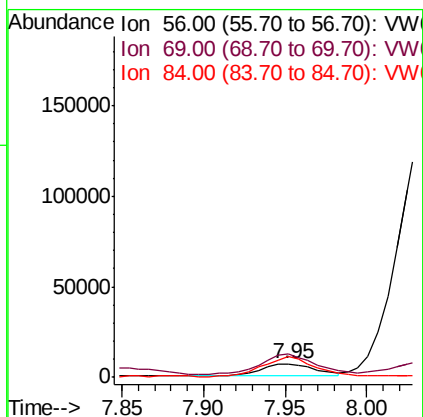
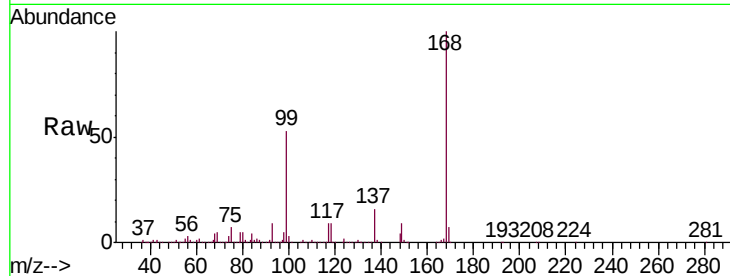




#31
Cyclohexane
Concen: 1.404 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

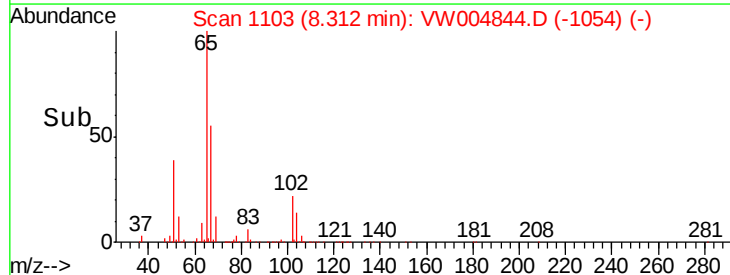
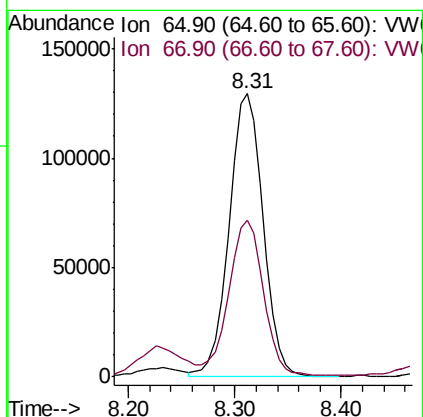
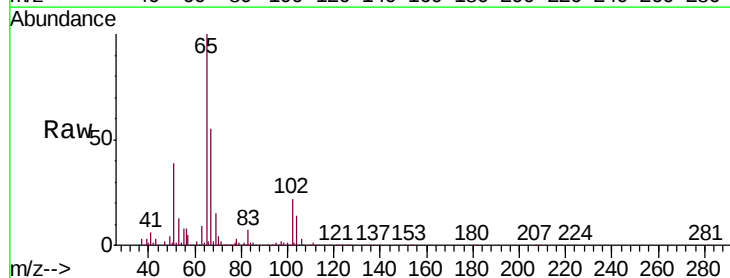
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

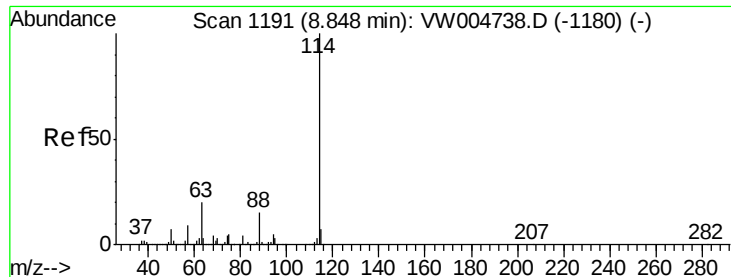
Tgt Ion: 56 Resp: 16178
Ion Ratio Lower Upper
56 100
69 160.8 27.1 40.7#
84 164.1 68.3 102.5#



#33
1,2-Dichloroethane-d4
Concen: 48.863 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion: 65 Resp: 288006
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

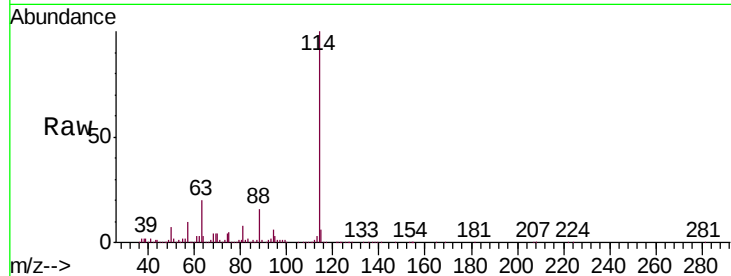
Tgt Ion:114 Resp: 987276

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

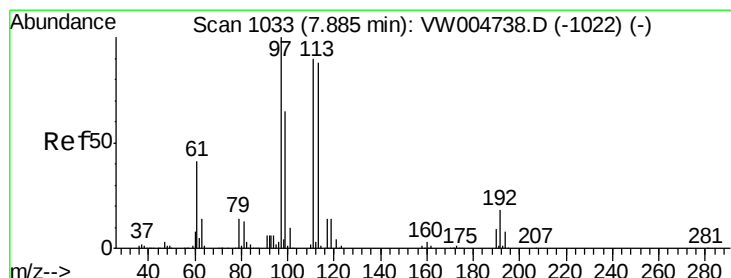
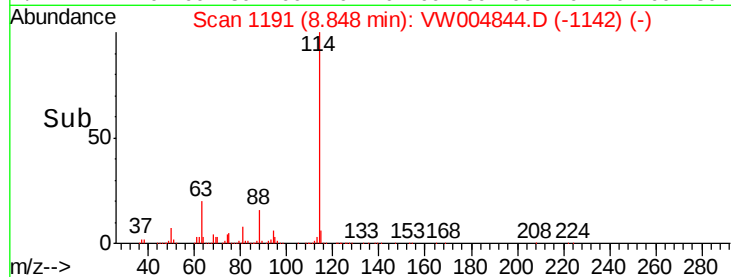
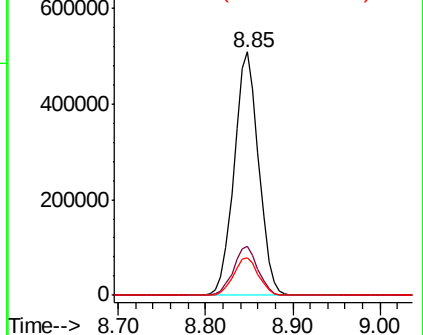
88 15.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 44.337 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

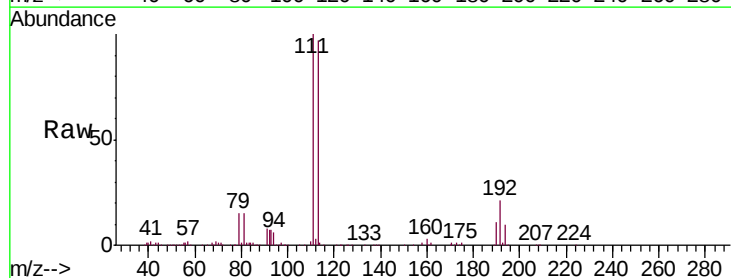
Tgt Ion:113 Resp: 279768

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

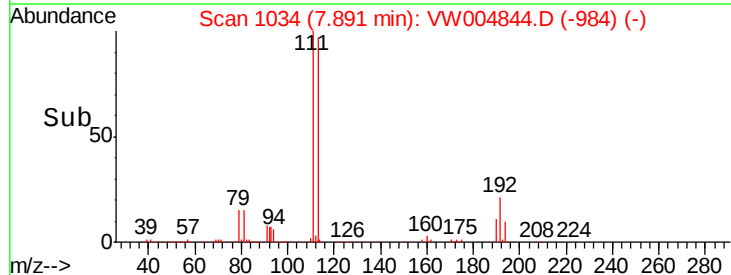
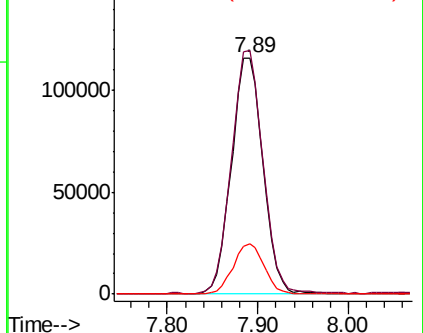
192 21.0 16.7 25.1

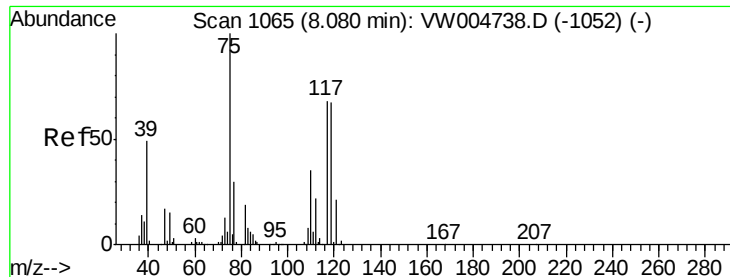


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.278 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

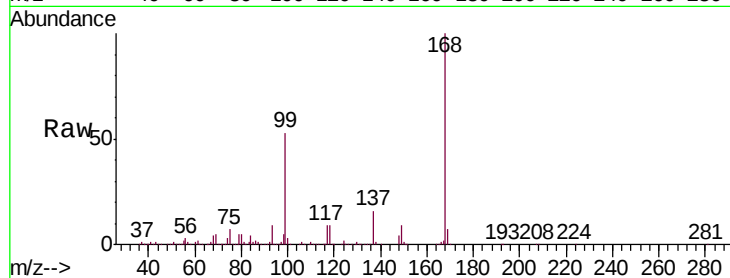
Tgt Ion: 75 Resp: 43509

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.5#

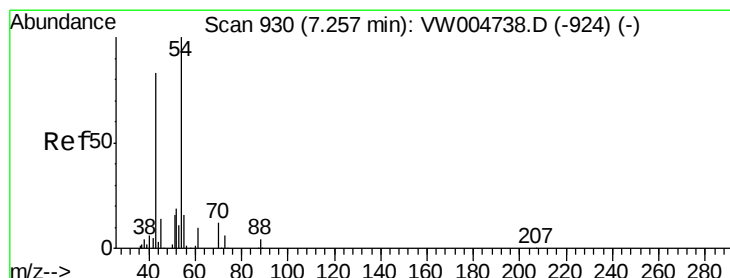
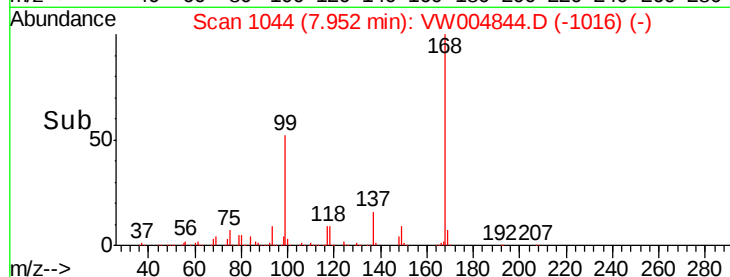
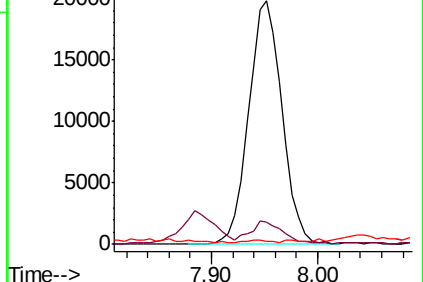
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 15.789 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.07 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

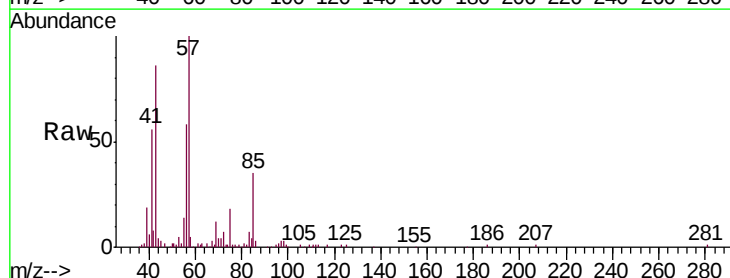
Tgt Ion: 43 Resp: 64015

Ion Ratio Lower Upper

43 100

61 2.6 11.6 17.4#

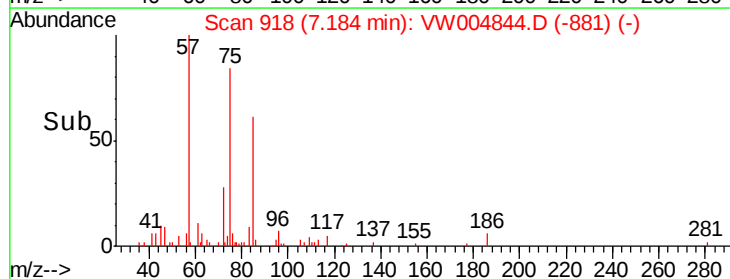
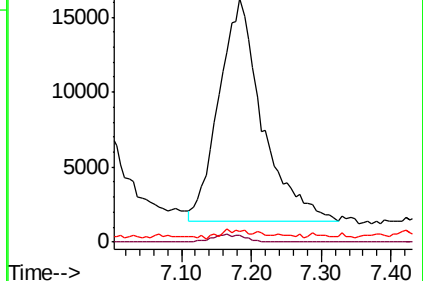
70 1.1 9.2 13.8#

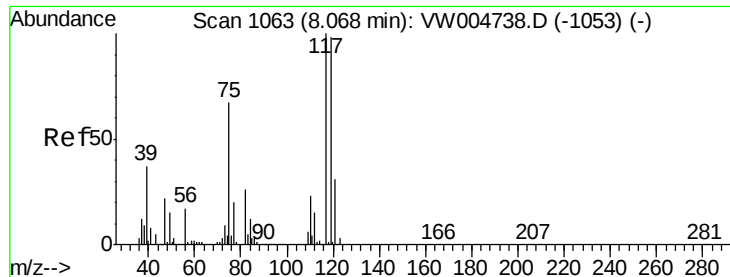


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 5.977 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

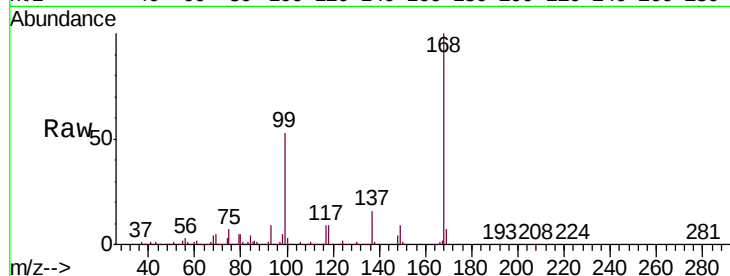
Tgt Ion:117 Resp: 55954

Ion Ratio Lower Upper

117 100

119 5.1 78.0 117.0#

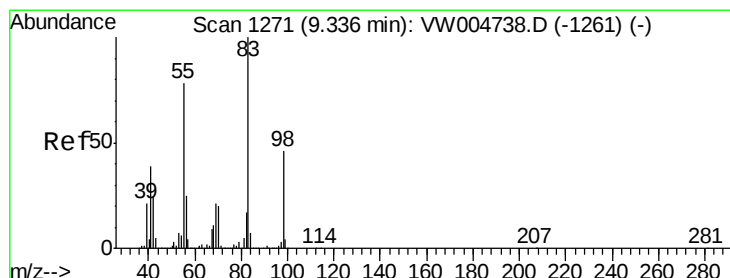
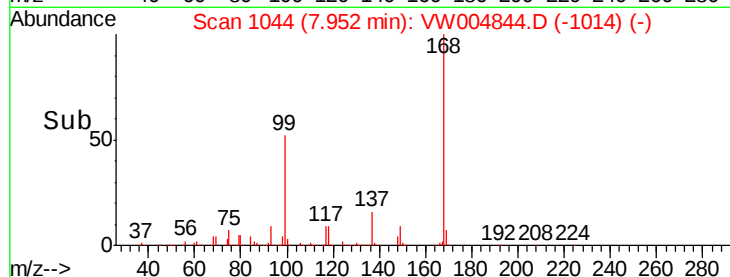
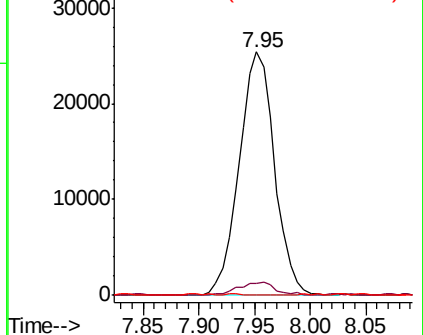
121 0.0 24.8 37.2#



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



#39

Methylcyclohexane

Concen: 73.028 ug/l

RT: 9.31 min Scan# 1267

Delta R.T. -0.02 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

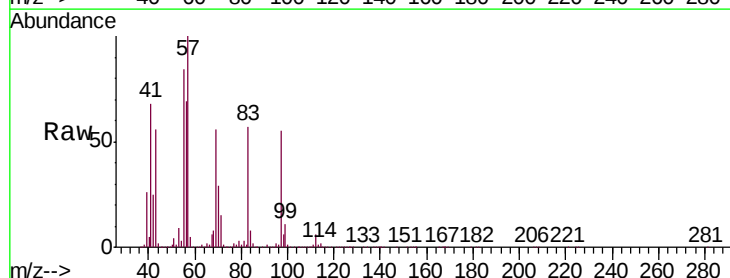
Tgt Ion: 83 Resp: 928852

Ion Ratio Lower Upper

83 100

55 146.4 62.4 93.6#

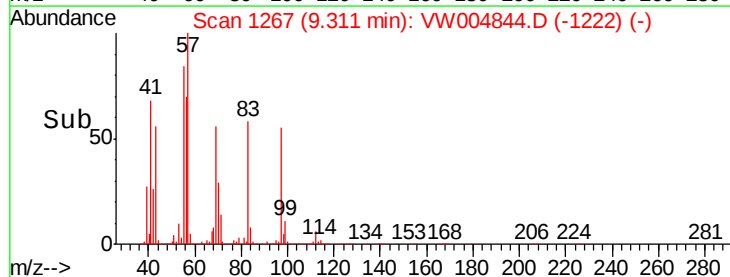
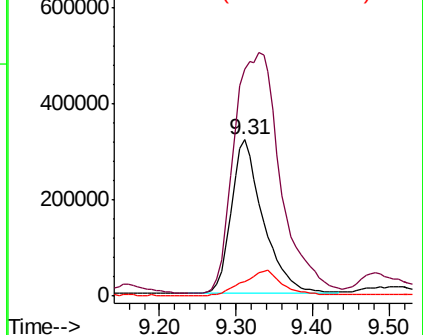
98 9.2 36.5 54.7#

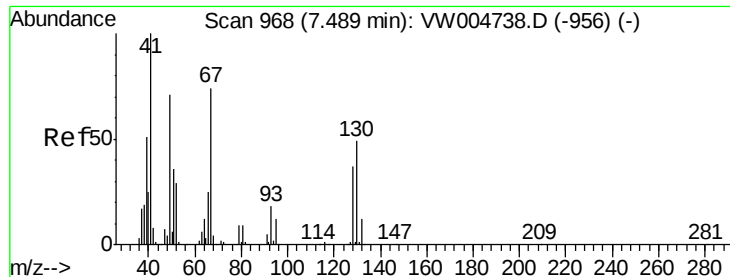


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

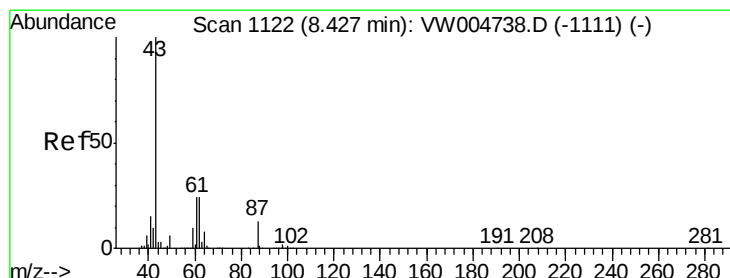
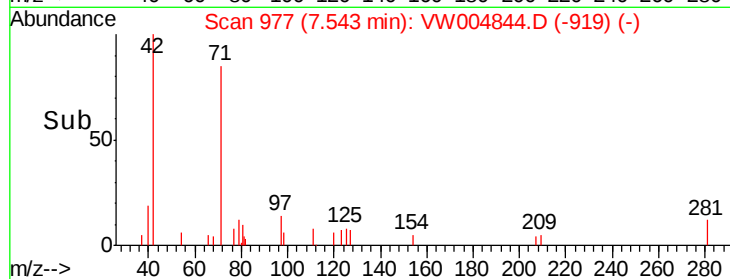
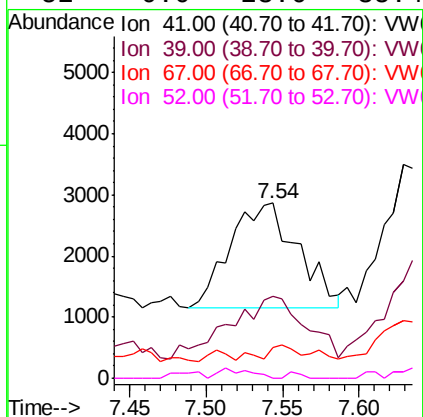
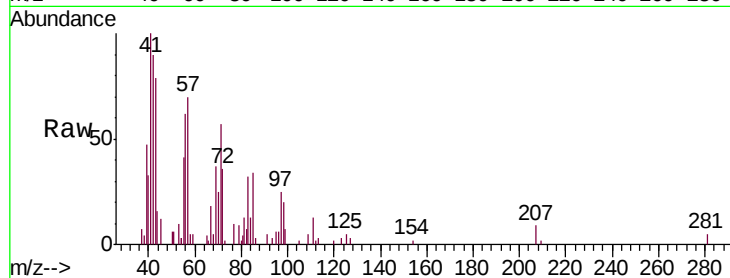




#41
Methacrylonitrile
Concen: 2.298 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.05 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

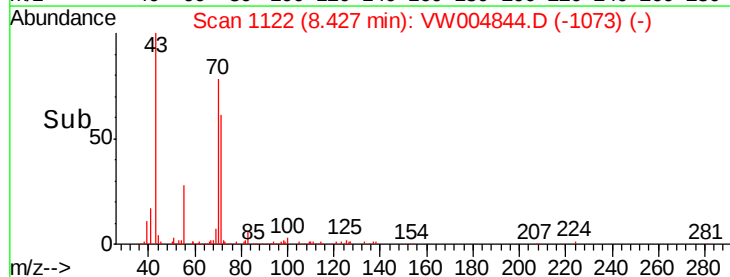
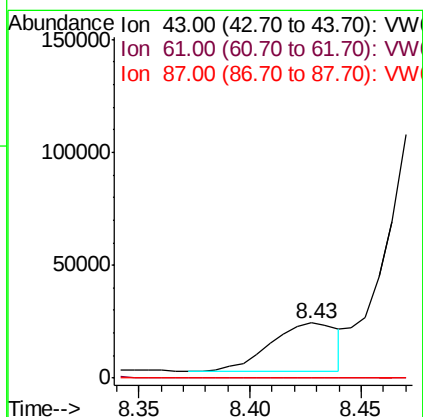
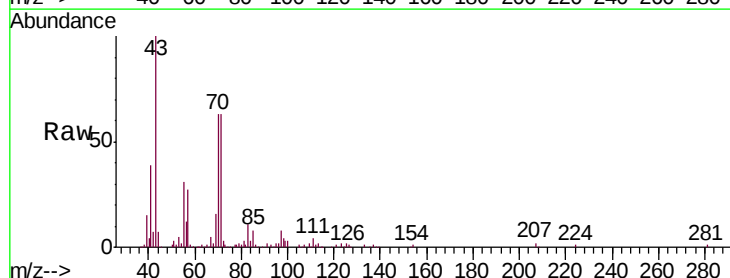
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

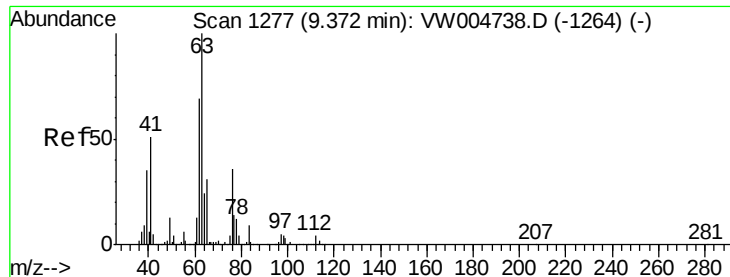
Tgt Ion:	41	Resp:	5287
Ion	Ratio	Lower	Upper
41	100		
39	65.8	41.0	61.4#
67	0.0	59.5	89.3#
52	0.0	23.6	35.4#



#43
Isopropyl Acetate
Concen: 6.151 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion:	43	Resp:	44793
Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.2	39.4#
87	0.0	10.9	16.3#





#45

1,2-Dichloropropane

Concen: 3.818 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.04 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

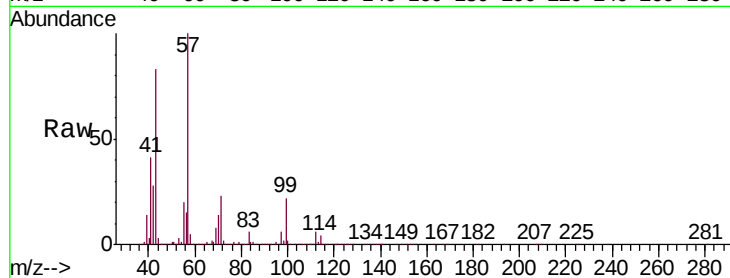
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 63 Resp: 27607

Ion Ratio Lower Upper

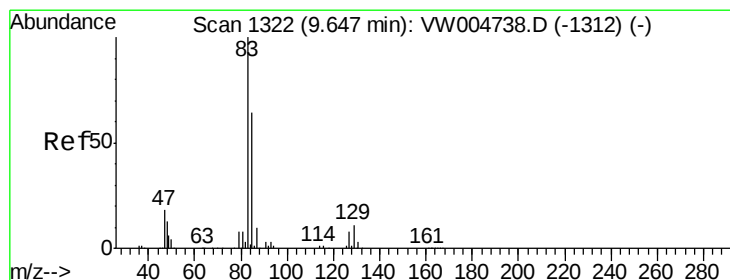
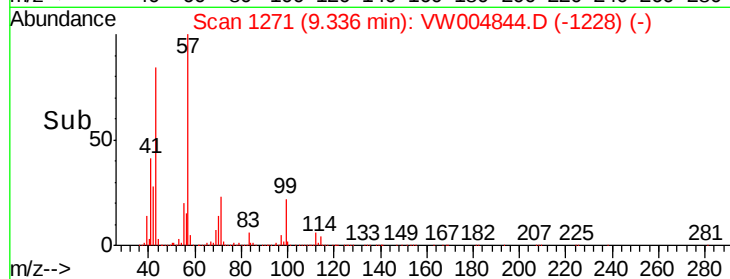
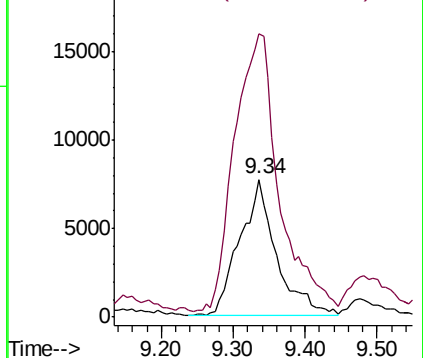
63 100

65 202.3 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#47

Bromodichloromethane

Concen: 102.955 ug/l

RT: 9.62 min Scan# 1317

Delta R.T. -0.03 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

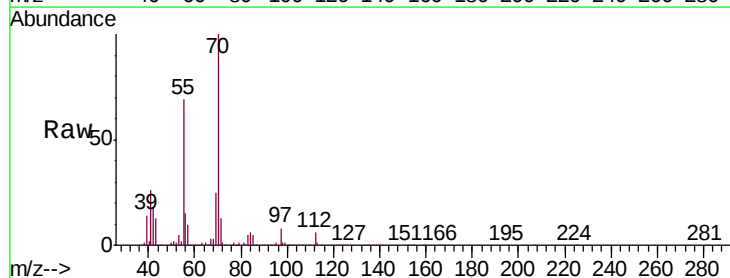
Tgt Ion: 83 Resp: 880721

Ion Ratio Lower Upper

83 100

85 94.7 51.2 76.8#

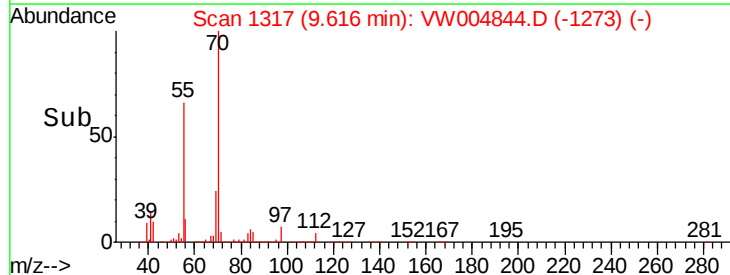
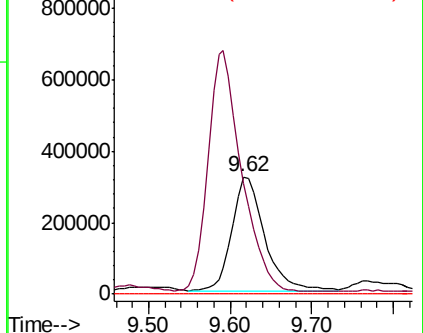
127 0.0 6.7 10.1#

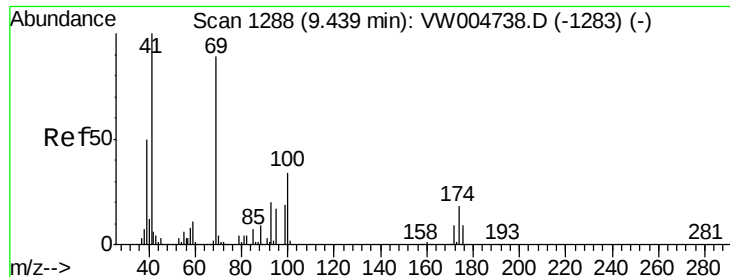


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

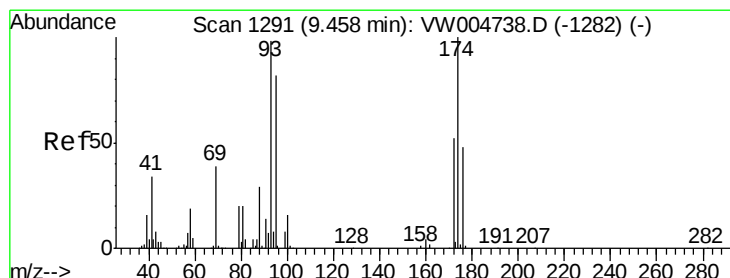
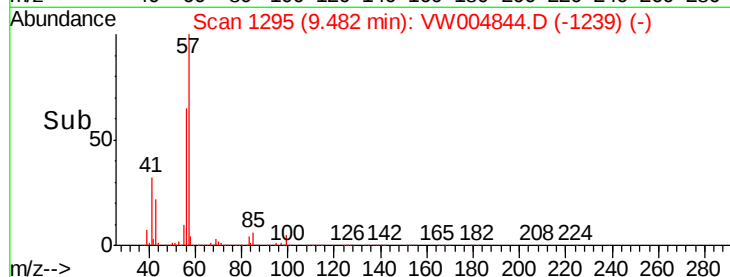
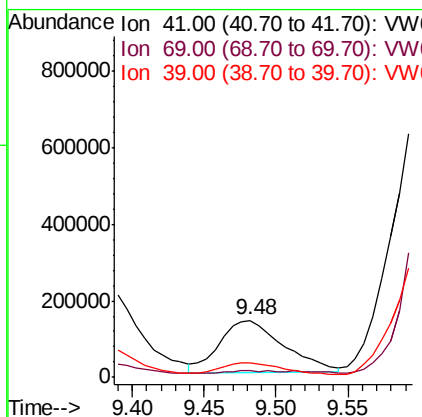
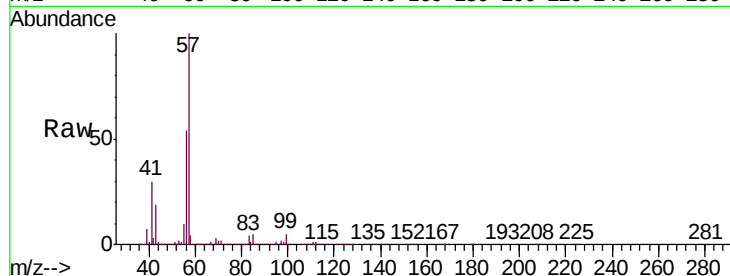




#48
Methyl methacrylate
Concen: 121.783 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.04 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

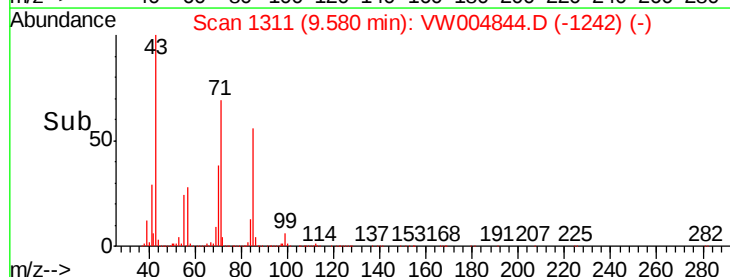
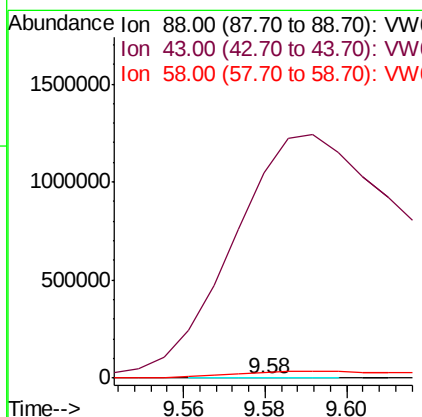
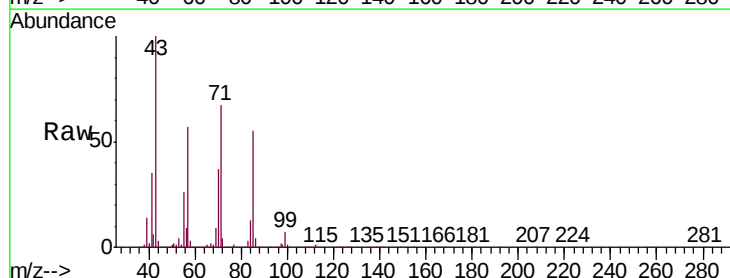
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

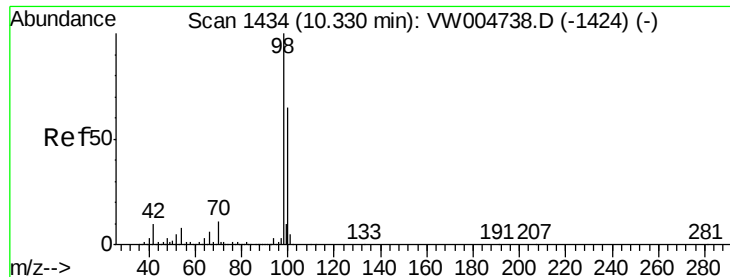
Tgt Ion: 41 Resp: 416157
Ion Ratio Lower Upper
41 100
69 0.0 75.2 112.8#
39 23.4 39.8 59.6#



#49
1,4-Dioxane
Concen: 2.656 ug/l
RT: 9.58 min Scan# 1311
Delta R.T. 0.12 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
43 2941536.7 22.9 34.3#
58 84911.5 60.0 90.0#





#50

Toluene-d8

Concen: 40.232 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

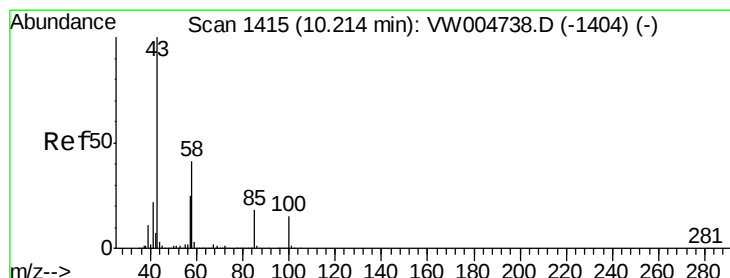
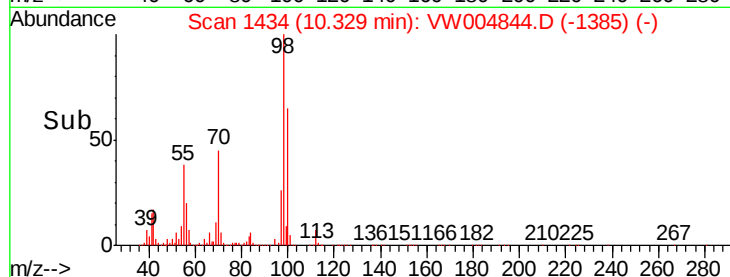
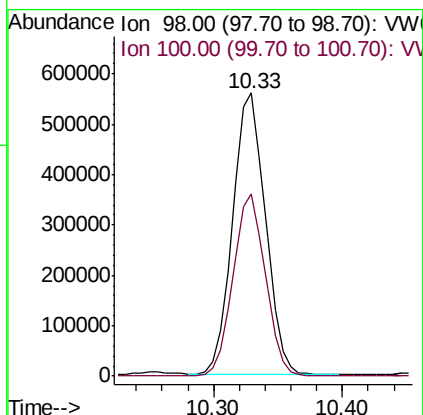
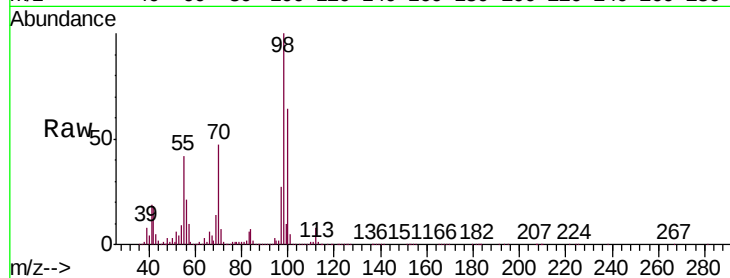
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 98 Resp: 990994

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 250.978 ug/l

RT: 10.26 min Scan# 1422

Delta R.T. 0.04 min

Lab File: VW004844.D

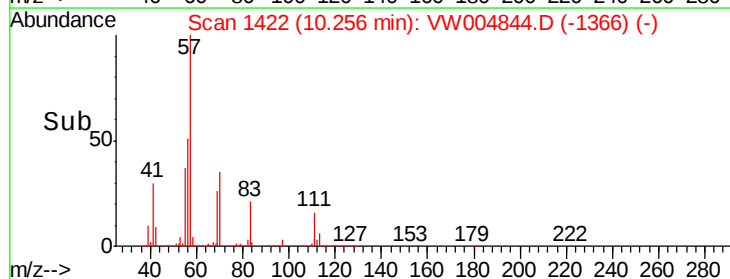
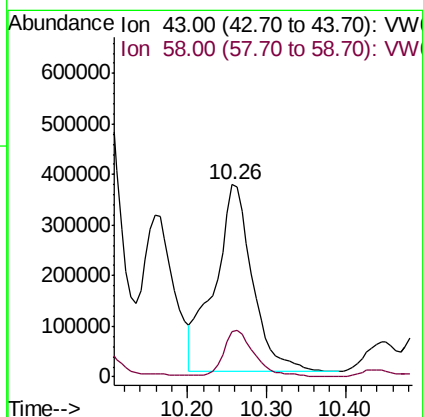
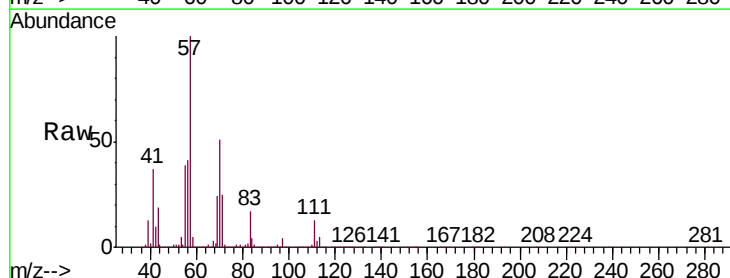
Acq: 21 Aug 2018 16:28

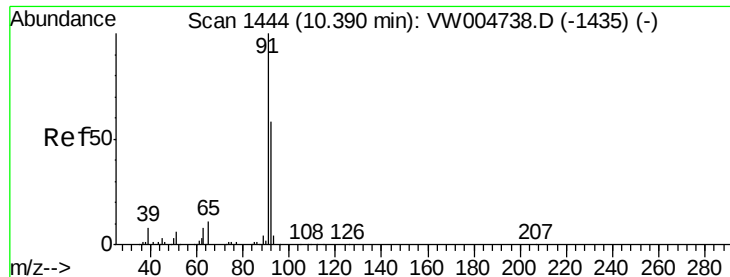
Tgt Ion: 43 Resp: 1235274

Ion Ratio Lower Upper

43 100

58 20.5 32.7 49.1#





#52

Toluene

Concen: 1.424 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

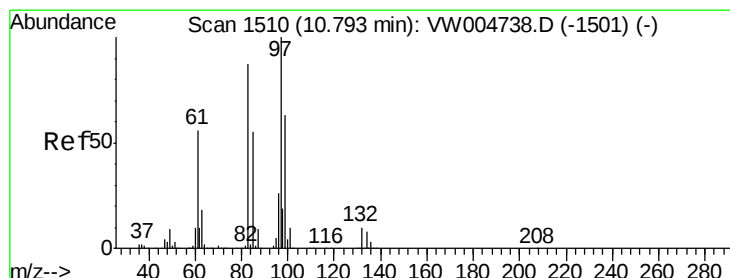
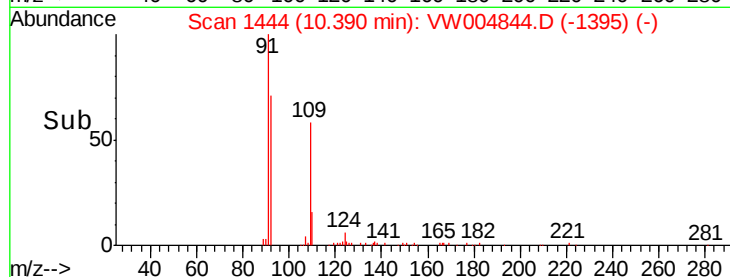
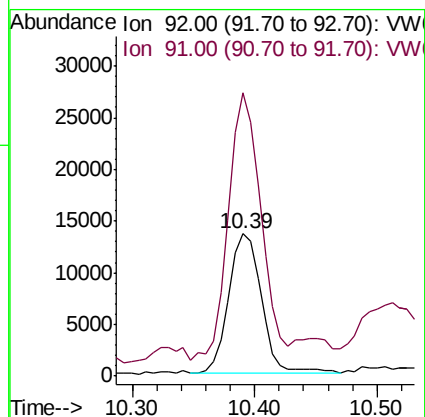
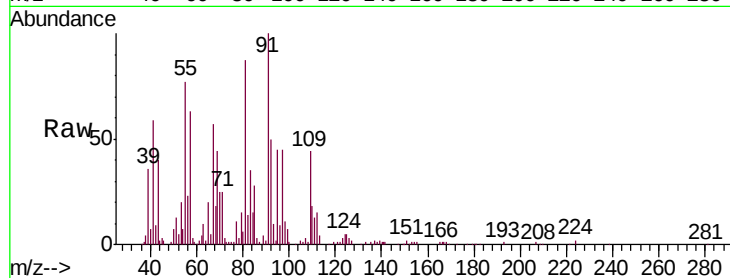
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 92 Resp: 25239

Ion Ratio Lower Upper

92 100

91 187.3 138.3 207.5



#55

1,1,2-Trichloroethane

Concen: 52.566 ug/l

RT: 10.77 min Scan# 1507

Delta R.T. -0.02 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Tgt Ion: 97 Resp: 267644

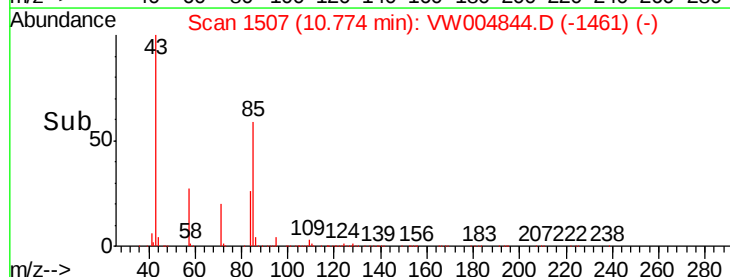
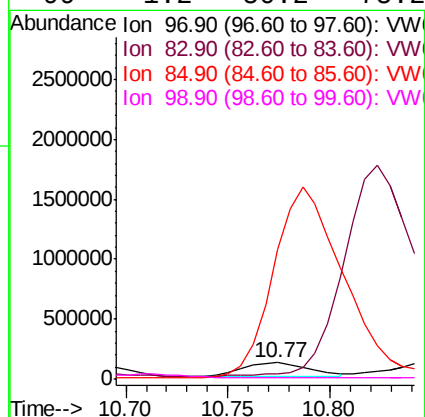
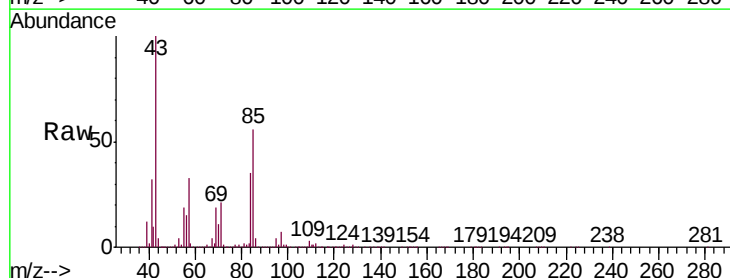
Ion Ratio Lower Upper

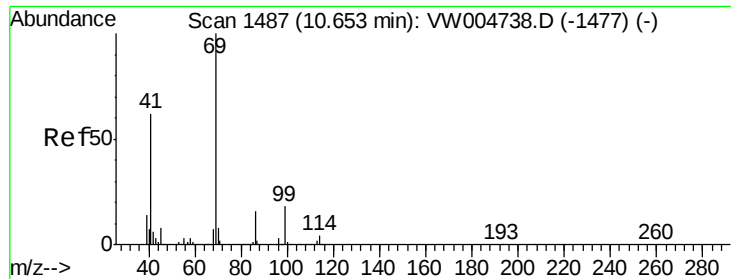
97 100

83 19.7 69.4 104.2#

85 888.4 44.3 66.5#

99 1.2 50.2 75.2#





#56

Ethyl methacrylate

Concen: 1316.476 ug/l

RT: 10.63 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

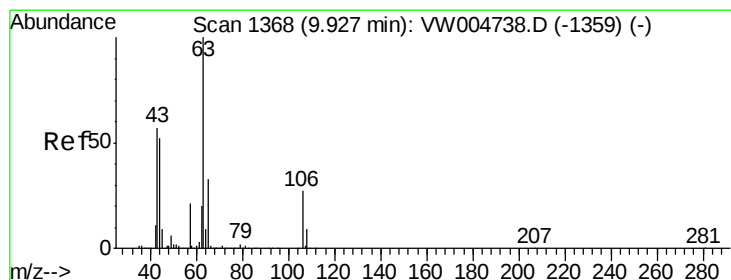
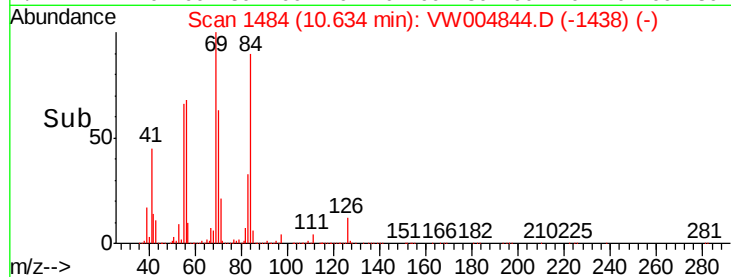
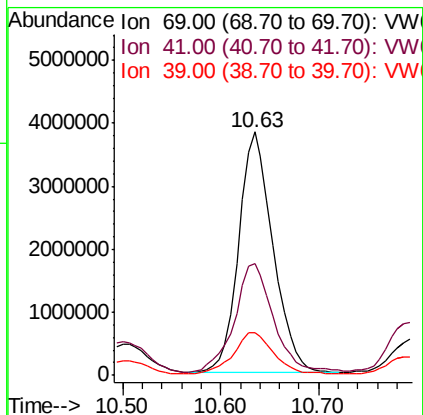
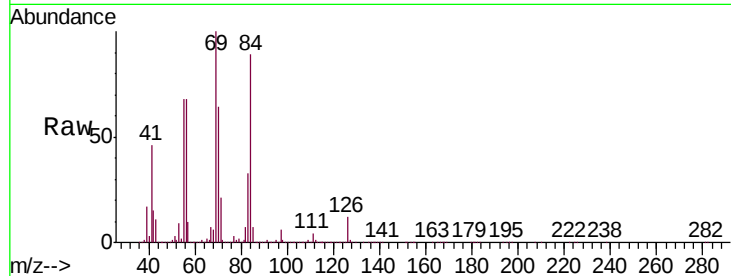
Tgt Ion: 69 Resp: 9290787

Ion Ratio Lower Upper

69 100

41 51.0 50.7 76.1

39 20.3 21.4 32.2#



#58

2-Chloroethyl Vinyl ether

Concen: 2.816 ug/l

RT: 9.91 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VW004844.D

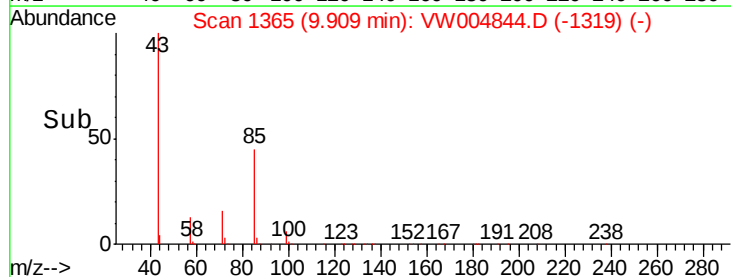
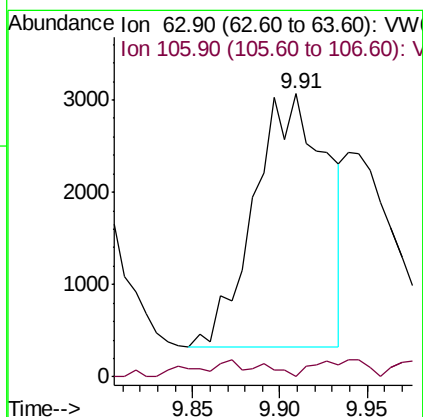
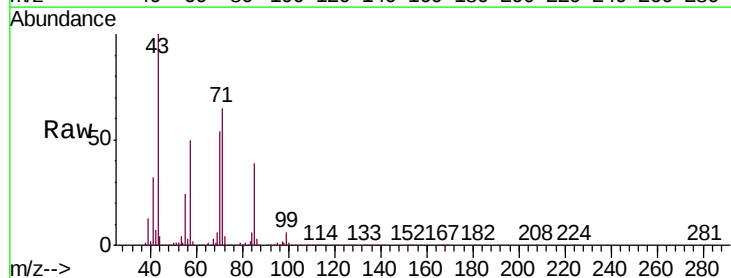
Acq: 21 Aug 2018 16:28

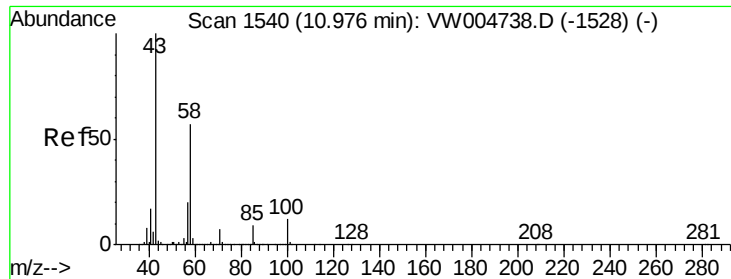
Tgt Ion: 63 Resp: 7917

Ion Ratio Lower Upper

63 100

106 0.0 22.1 33.1#

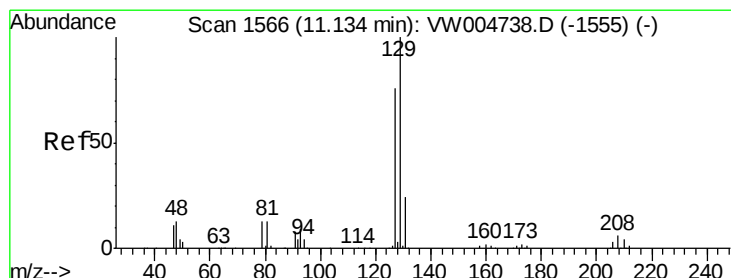
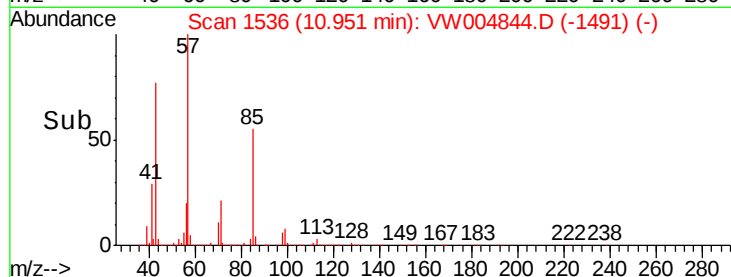
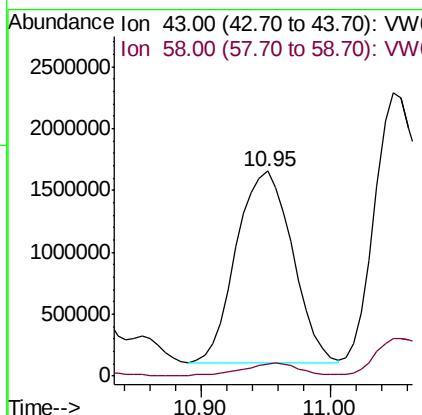
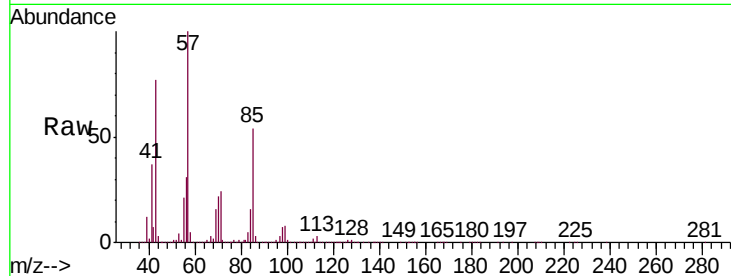




#59
2-Hexanone
Concen: 1408.802 ug/l
RT: 10.95 min Scan# 1536
Delta R.T. -0.02 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

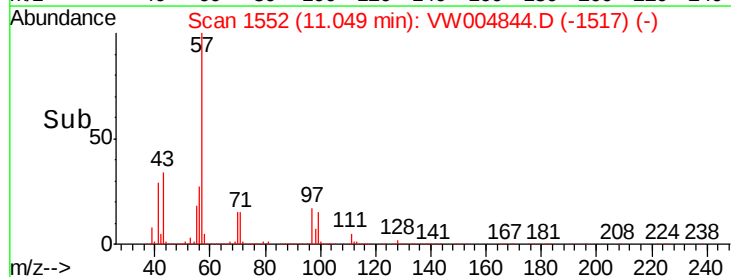
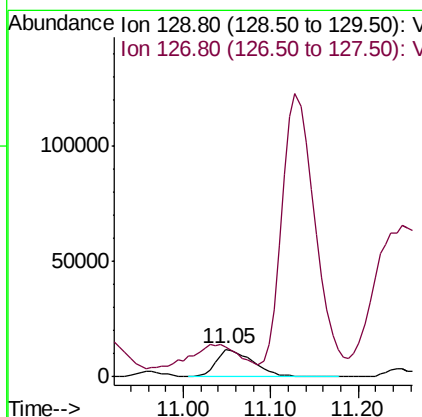
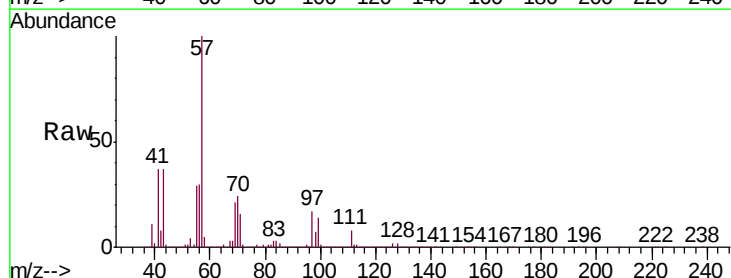
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

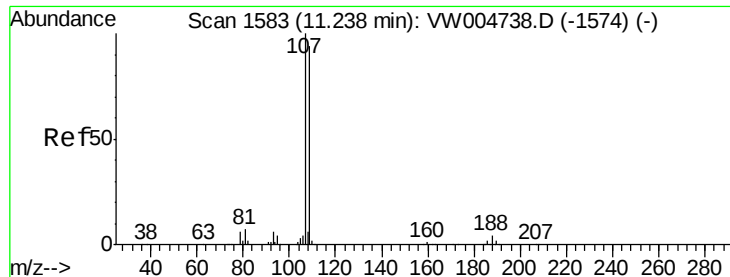
Tgt Ion: 43 Resp: 4698182
Ion Ratio Lower Upper
43 100
58 6.5 28.1 84.4#



#60
Dibromochloromethane
Concen: 5.948 ug/l
RT: 11.05 min Scan# 1552
Delta R.T. -0.09 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion: 129 Resp: 33975
Ion Ratio Lower Upper
129 100
127 105.8 38.5 115.5

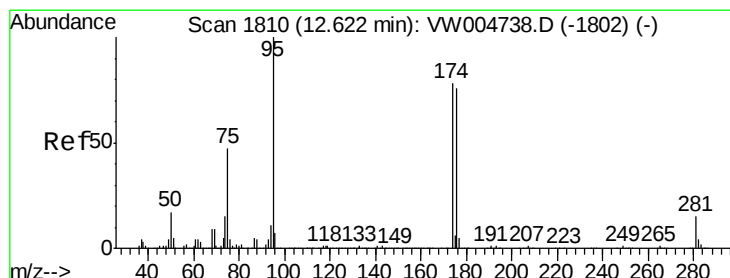
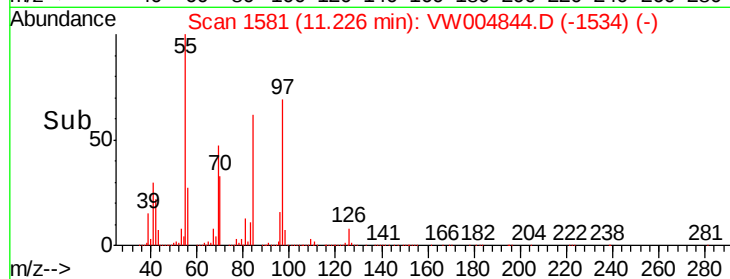
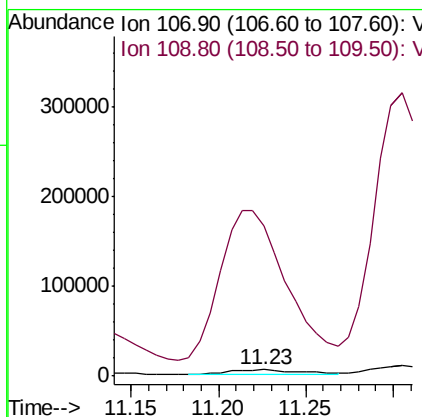
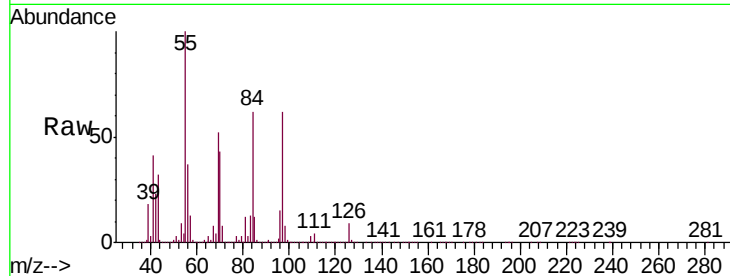




#61
 1,2-Dibromoethane
 Concen: 3.529 ug/l
 RT: 11.23 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: VW004844.D
 Acq: 21 Aug 2018 16:28

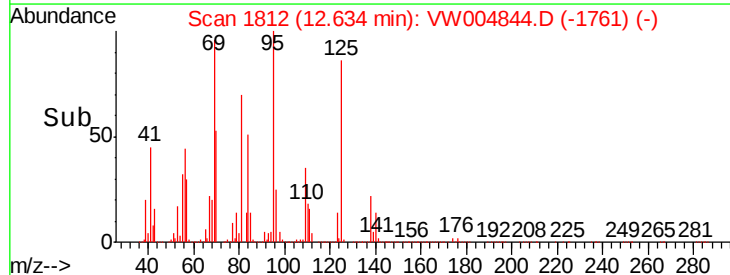
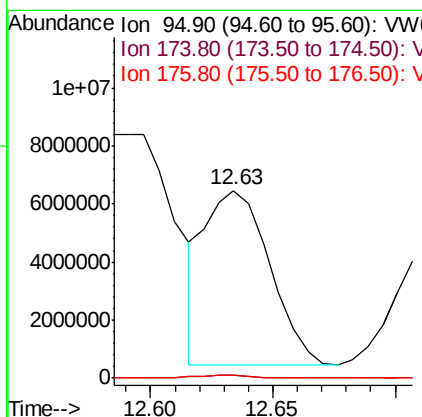
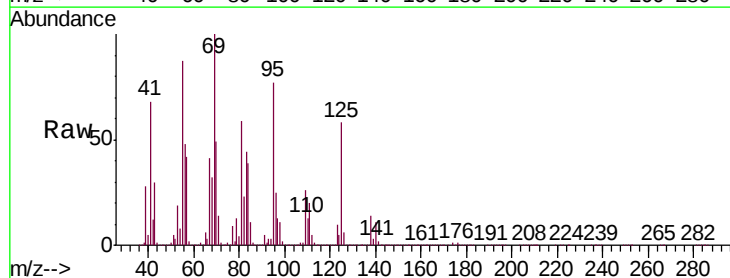
Instrument :
 MSVOA_W
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7

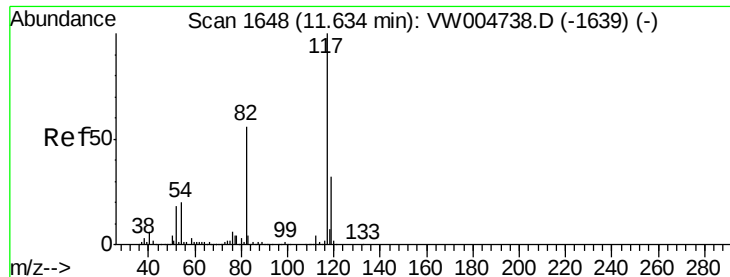
Tgt Ion: 107 Resp: 17175
 Ion Ratio Lower Upper
 107 100
 109 2538.2 75.5 113.3#



#62
 4-Bromofluorobenzene
 Concen: 1242.216 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW004844.D
 Acq: 21 Aug 2018 16:28

Tgt Ion: 95 Resp: 11007946
 Ion Ratio Lower Upper
 95 100
 174 1.4 0.0 165.8
 176 1.4 0.0 159.8

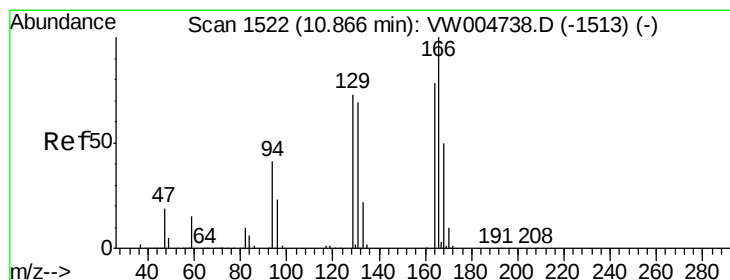
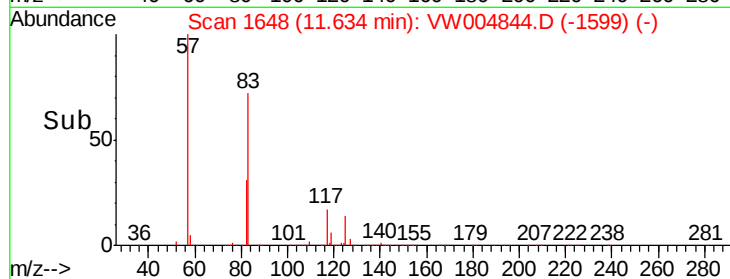
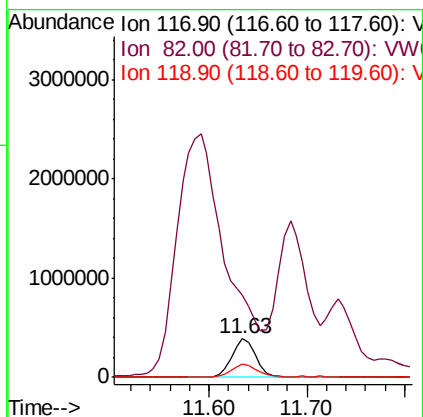
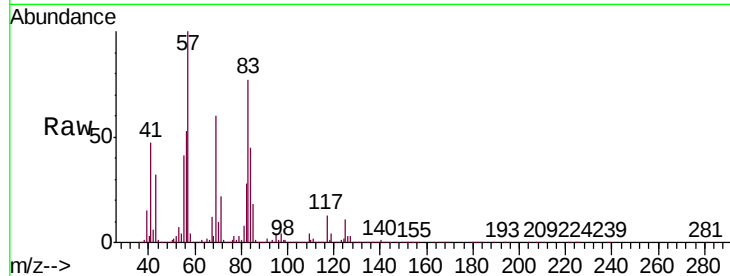




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

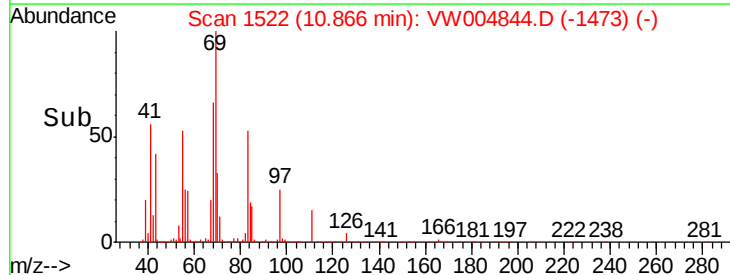
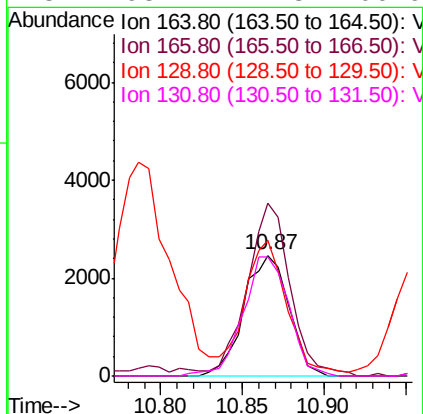
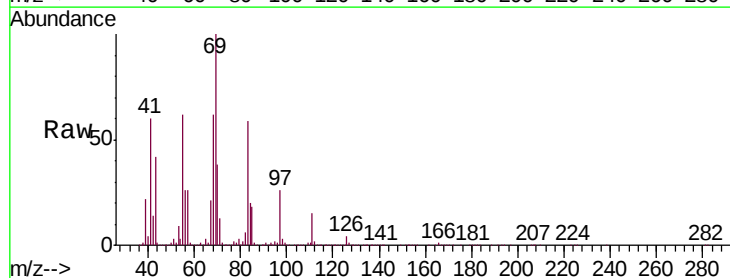
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

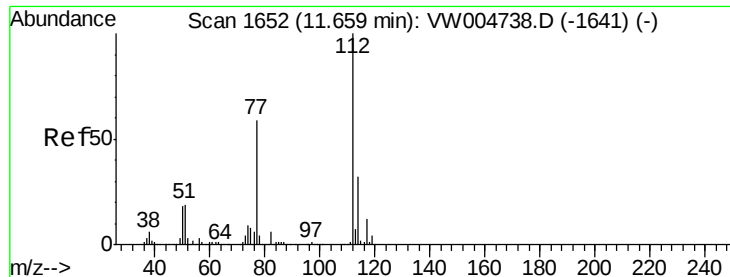
Tgt Ion:117 Resp: 643490
Ion Ratio Lower Upper
117 100
82 8.2 44.6 67.0#
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 1.078 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion:164 Resp: 4740
Ion Ratio Lower Upper
164 100
166 139.2 102.5 153.7
129 108.6 75.1 112.7
131 98.7 71.3 106.9





#65

Chlorobenzene

Concen: 7.548 ug/l

RT: 11.68 min Scan# 1656

Delta R.T. 0.02 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

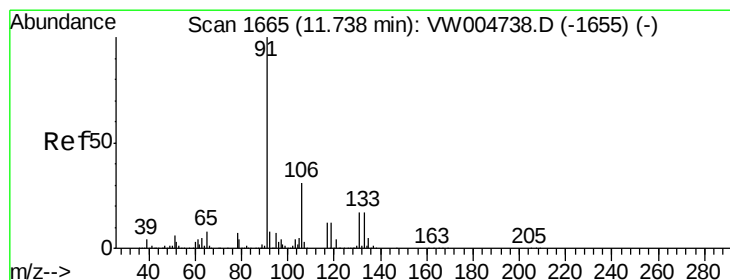
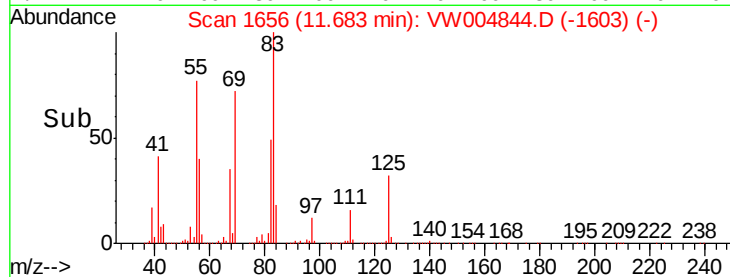
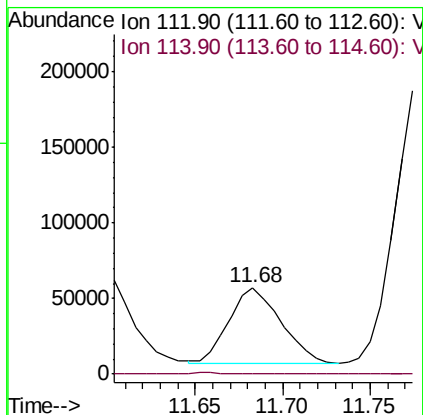
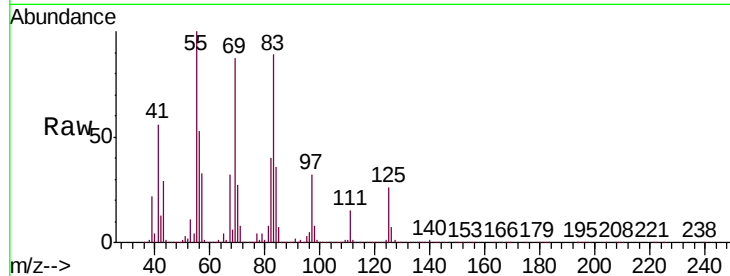
H-R-P-T-WC-1-GRAB-7

Tgt Ion:112 Resp: 104540

Ion Ratio Lower Upper

112 100

114 0.0 25.4 38.2#



#67

Ethyl Benzene

Concen: 1.392 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004844.D

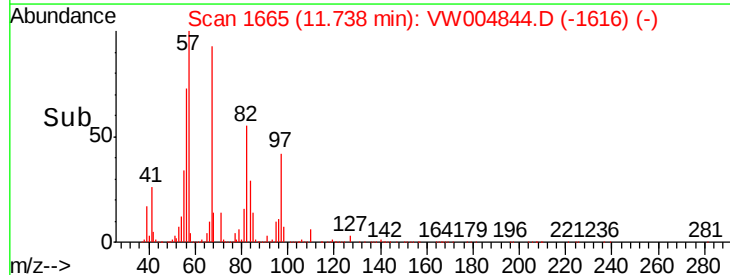
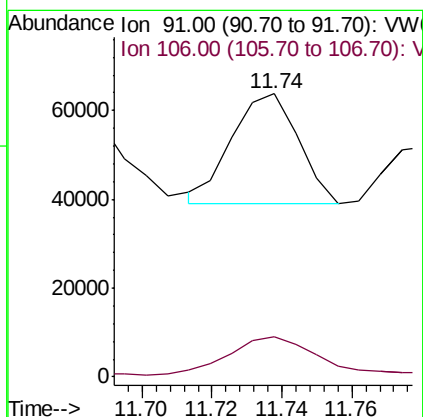
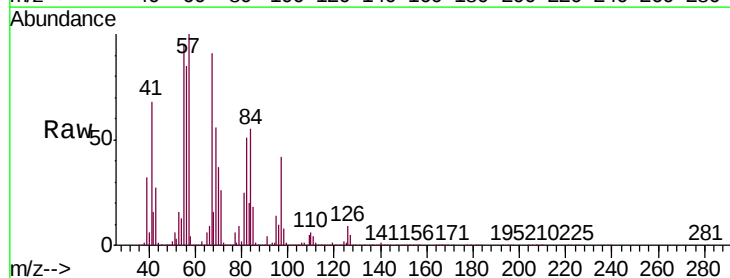
Acq: 21 Aug 2018 16:28

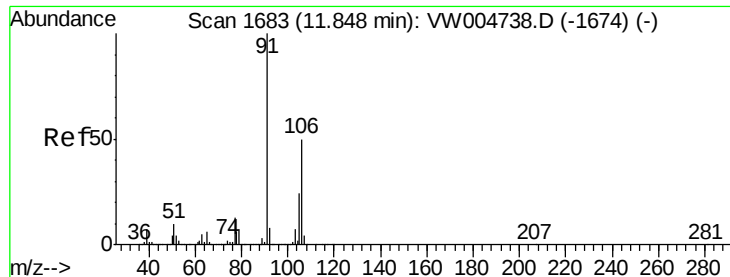
Tgt Ion: 91 Resp: 32674

Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3

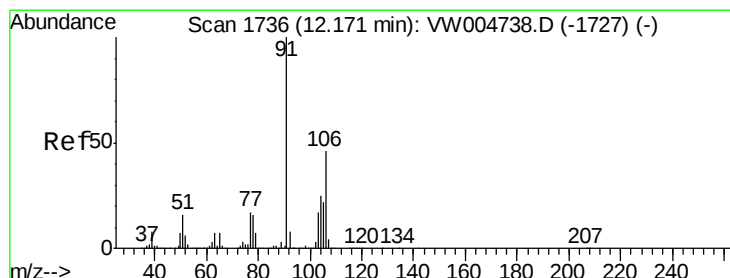
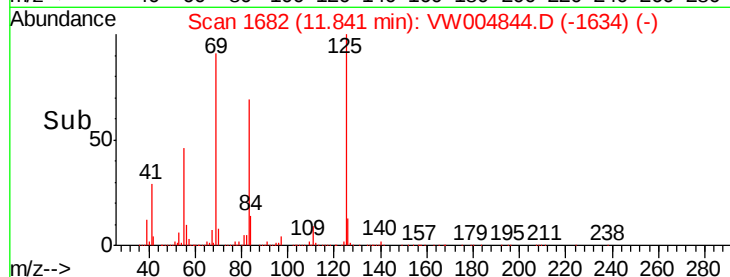
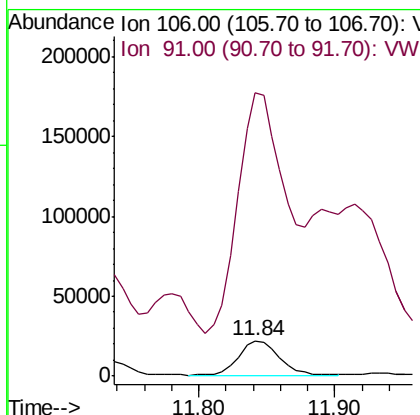
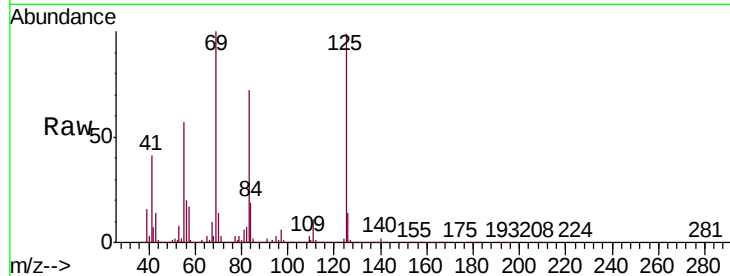




#68
m/p-Xylenes
Concen: 4.974 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

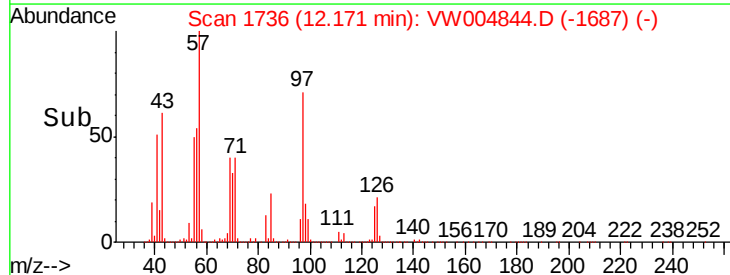
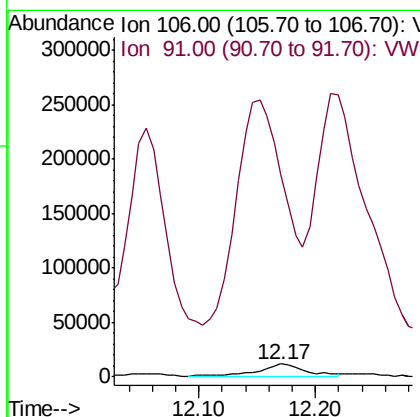
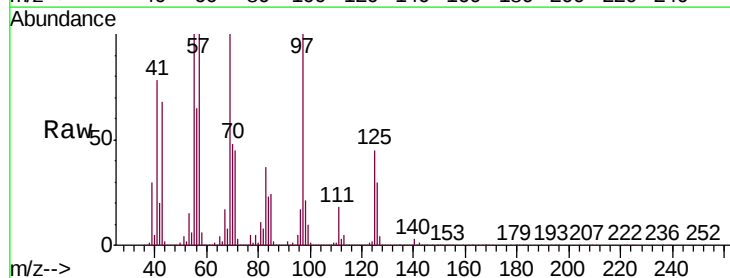
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

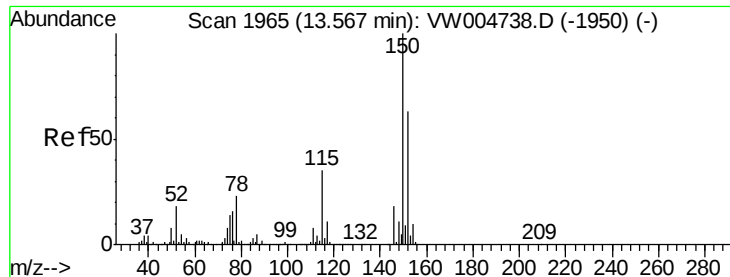
Tgt Ion:106 Resp: 45441
Ion Ratio Lower Upper
106 100
91 827.7 159.9 239.9#



#69
o-Xylene
Concen: 3.458 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion:106 Resp: 29239
Ion Ratio Lower Upper
106 100
91 2043.6 107.3 321.8#

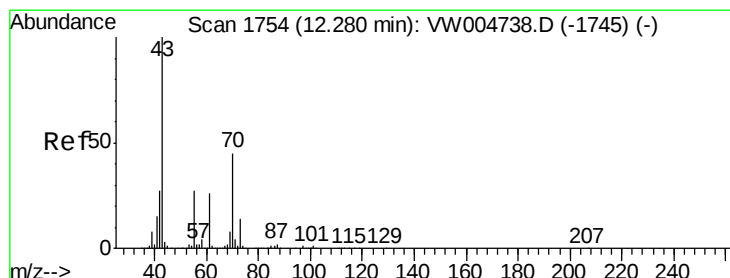
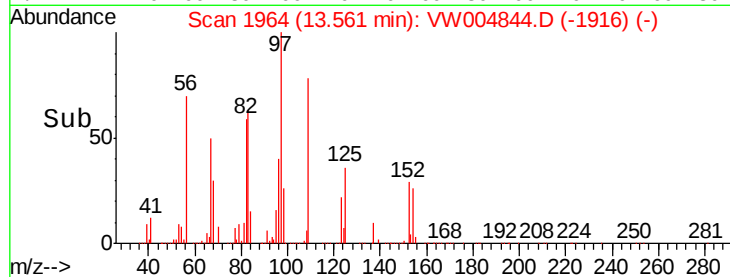
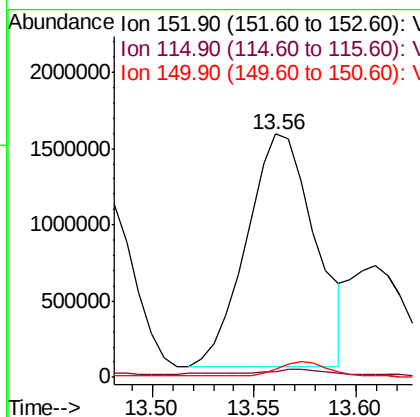
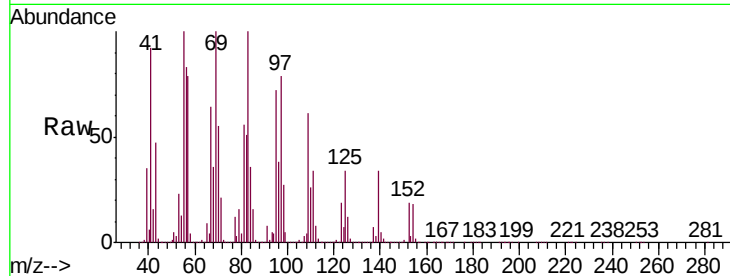




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: VW004844.D
 Acq: 21 Aug 2018 16:28

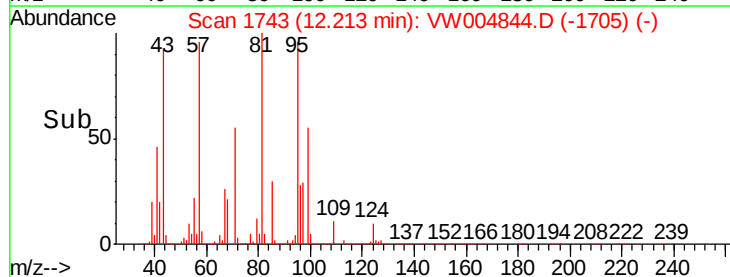
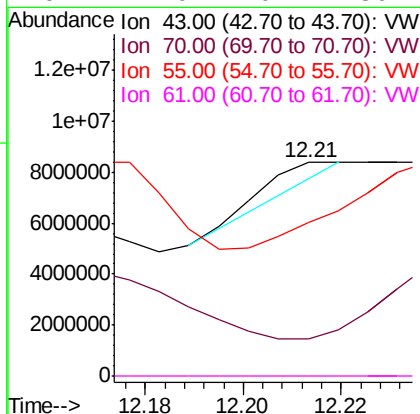
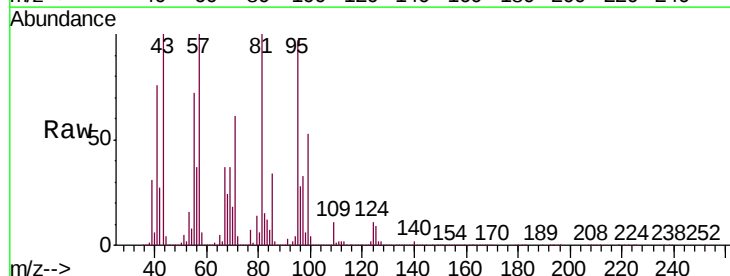
Instrument :
 MSVOA_W
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7

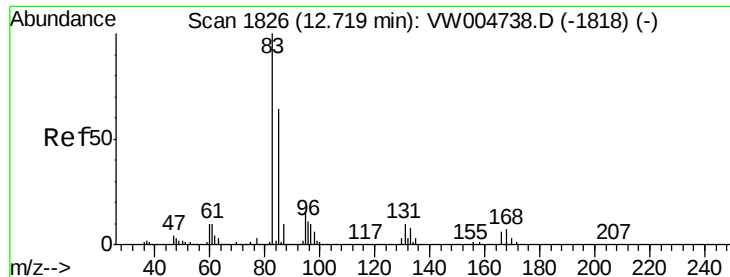
Tgt Ion: 152 Resp: 3575673
 Ion Ratio Lower Upper
 152 100
 115 2.4 28.5 85.5#
 150 4.5 0.0 344.8



#74
 N-ethyl acetate
 Concen: 27.235 ug/l
 RT: 12.21 min Scan# 1743
 Delta R.T. -0.07 min
 Lab File: VW004844.D
 Acq: 21 Aug 2018 16:28

Tgt Ion: 43 Resp: 1438290
 Ion Ratio Lower Upper
 43 100
 70 0.0 36.3 54.5#
 55 0.0 22.6 33.8#
 61 1.0 20.2 30.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 209.873 ug/l

RT: 12.71 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

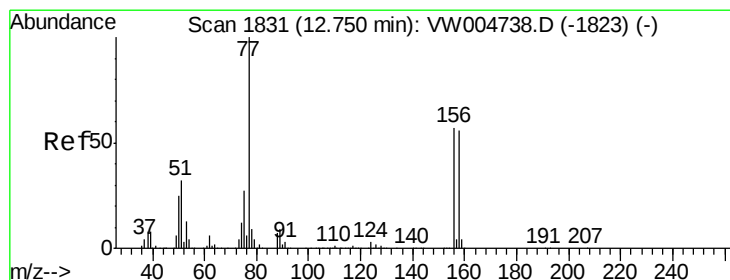
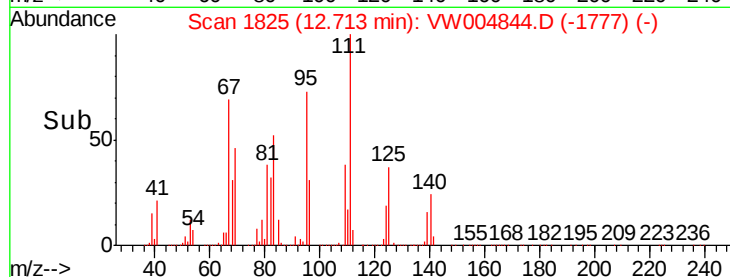
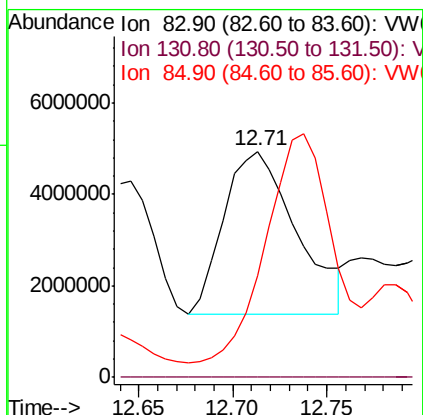
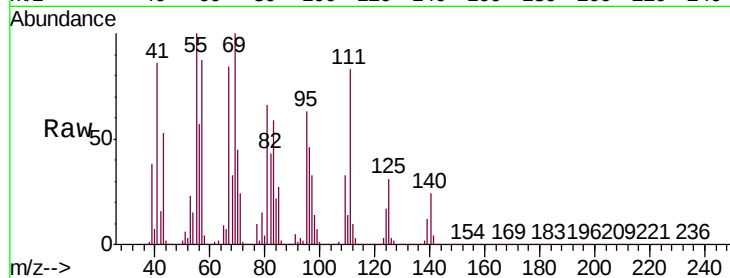
Tgt Ion: 83 Resp: 9457445

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 31.9 95.9#



#77

Bromobenzene

Concen: 3.491 ug/l

RT: 12.74 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

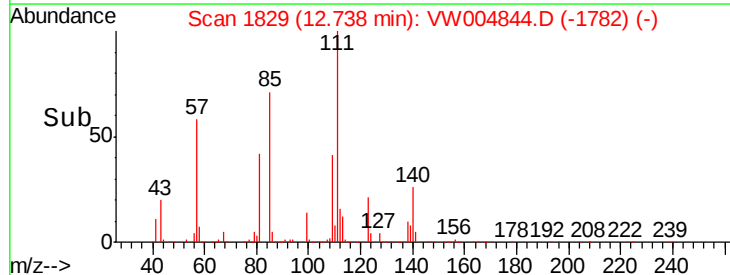
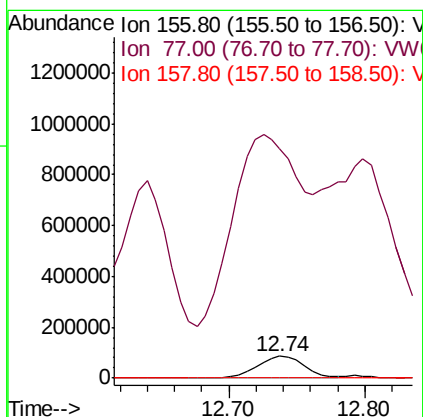
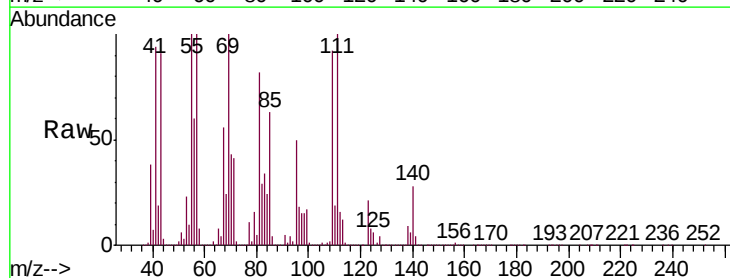
Tgt Ion: 156 Resp: 205558

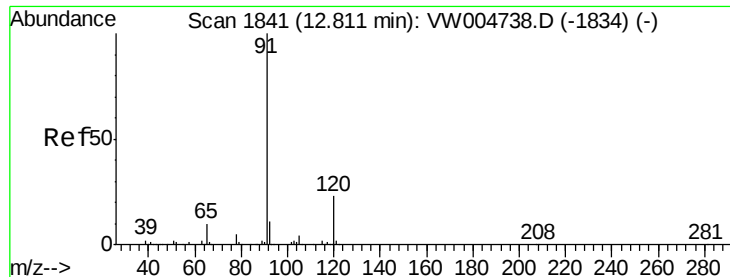
Ion Ratio Lower Upper

156 100

77 1290.6 94.2 282.4#

158 0.7 48.6 145.9#





#78

n-propylbenzene

Concen: 2.617 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

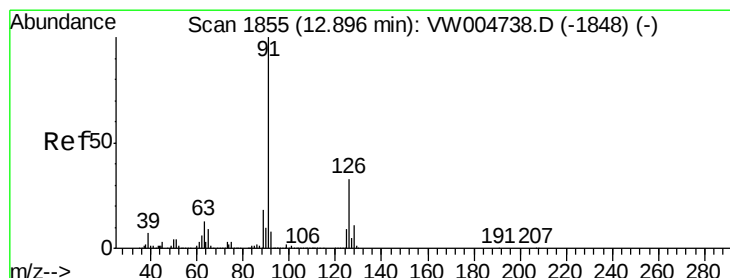
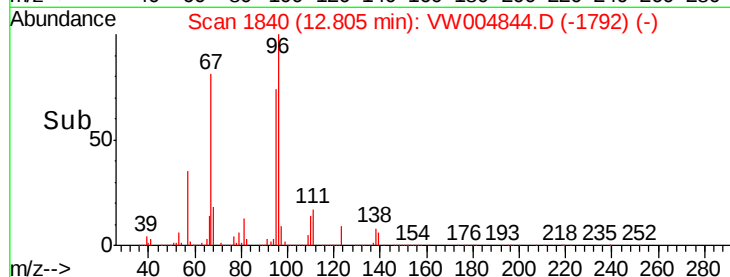
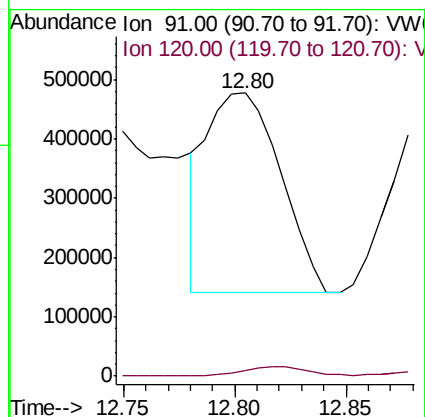
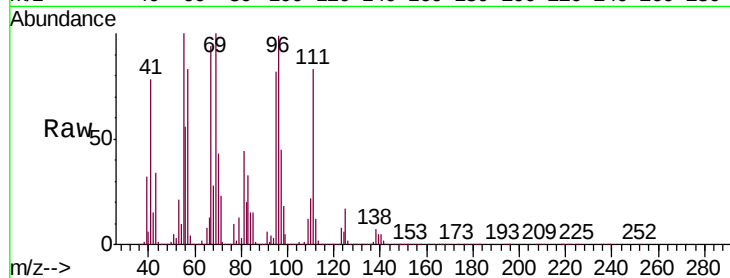
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 91 Resp: 776887

Ion Ratio Lower Upper

91 100

120 3.8 11.4 34.2#



#79

2-Chlorotoluene

Concen: 12.307 ug/l

RT: 12.92 min Scan# 1859

Delta R.T. 0.02 min

Lab File: VW004844.D

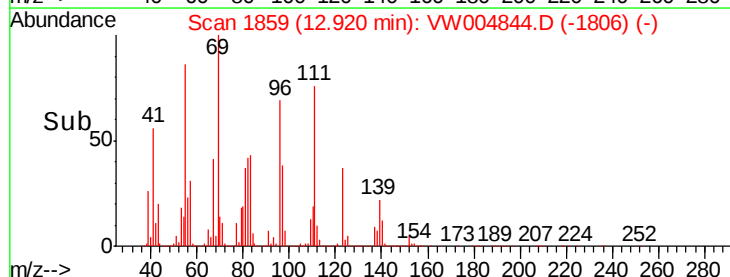
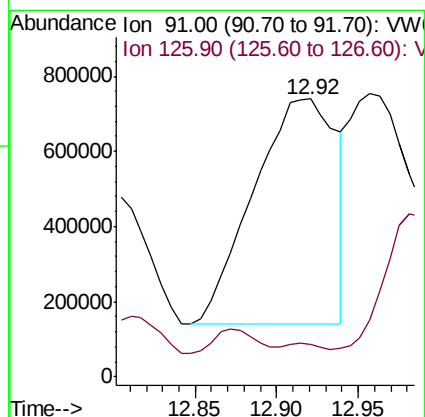
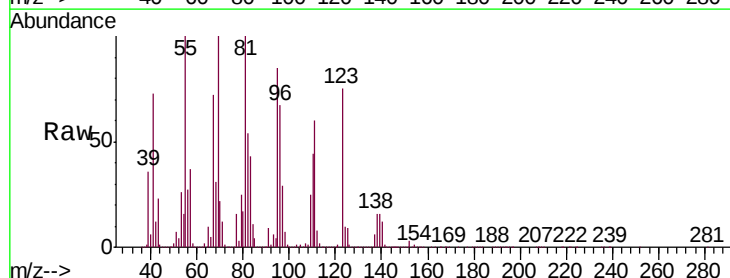
Acq: 21 Aug 2018 16:28

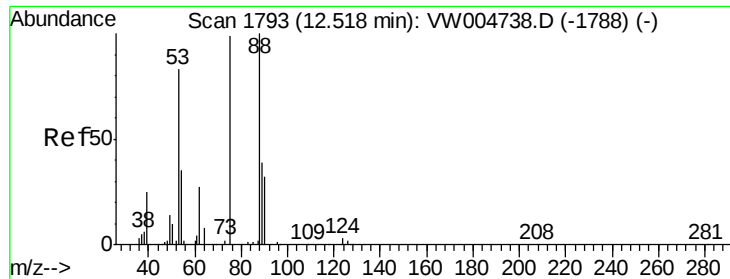
Tgt Ion: 91 Resp: 2105697

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 2.800 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. -0.04 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

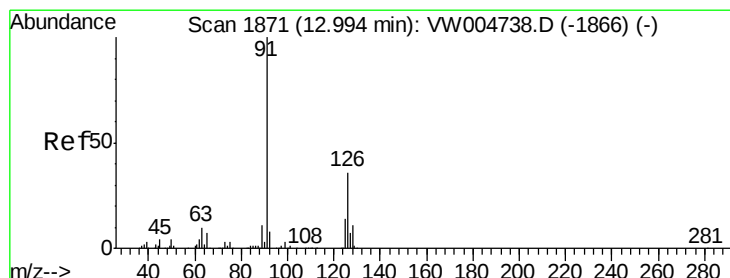
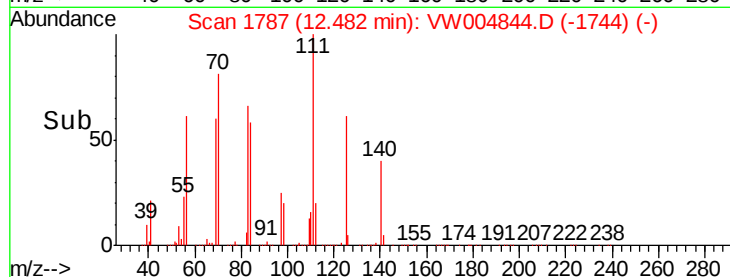
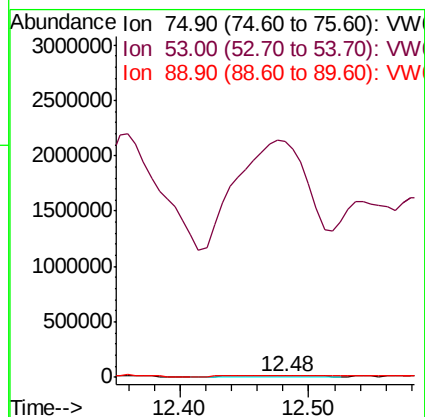
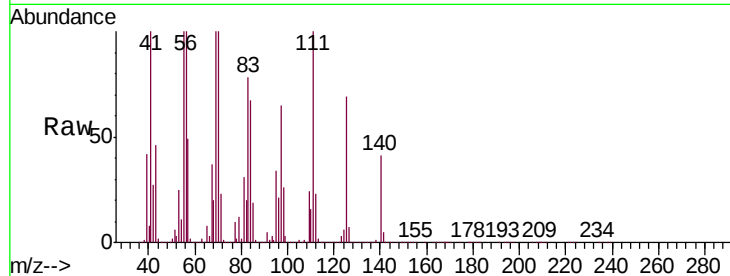
Tgt Ion: 75 Resp: 37976

Ion Ratio Lower Upper

75 100

53 12083.4 72.2 108.4#

89 144.3 35.2 52.8#



#82

4-Chlorotoluene

Concen: 2.059 ug/l

RT: 13.05 min Scan# 1880

Delta R.T. 0.05 min

Lab File: VW004844.D

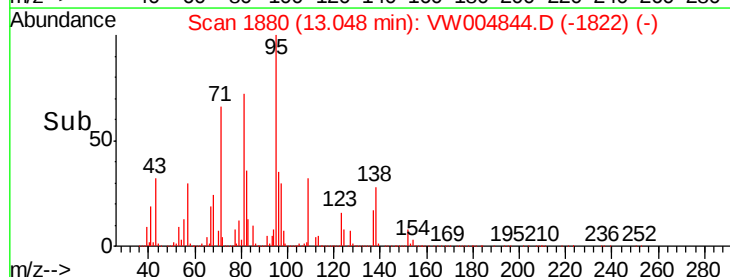
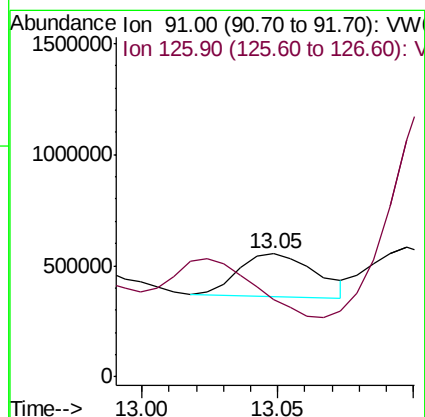
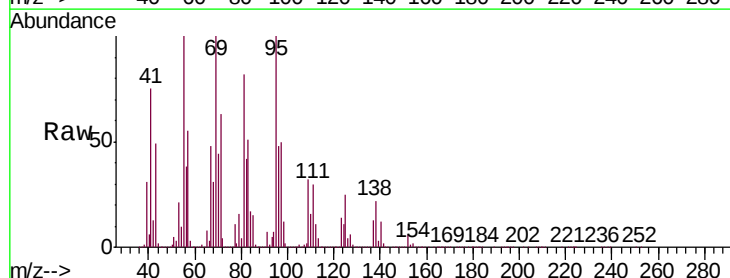
Acq: 21 Aug 2018 16:28

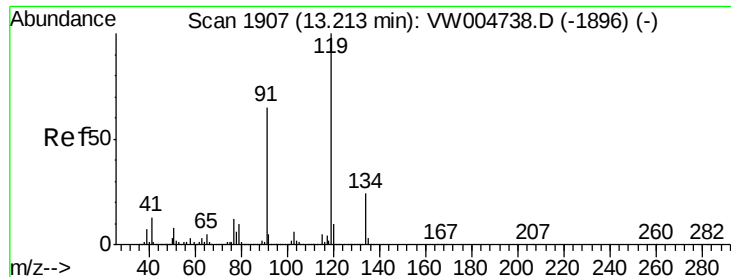
Tgt Ion: 91 Resp: 374399

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#

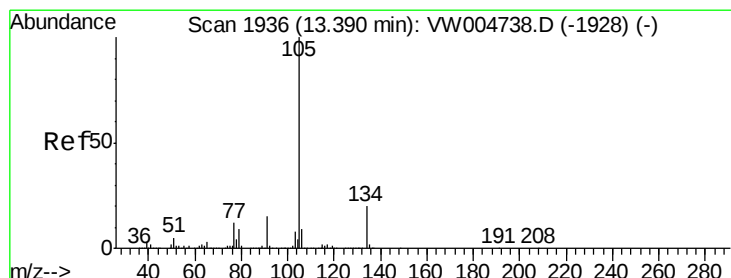
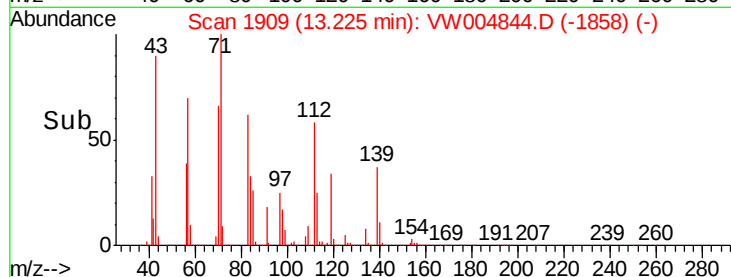
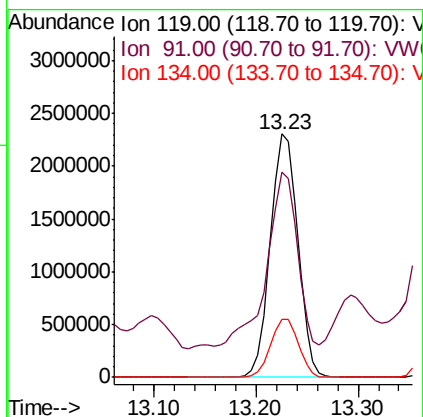
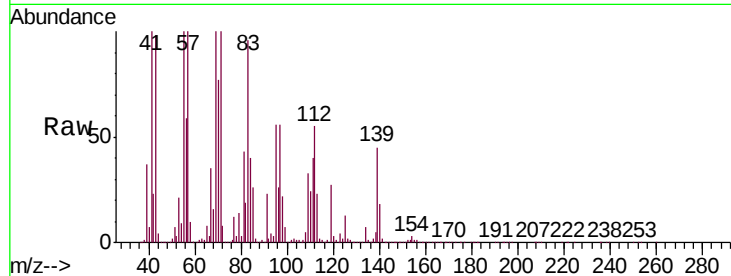




#83
tert-Butylbenzene
Concen: 24.230 ug/l
RT: 13.23 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

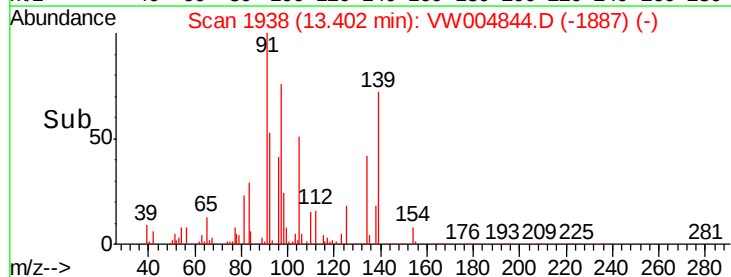
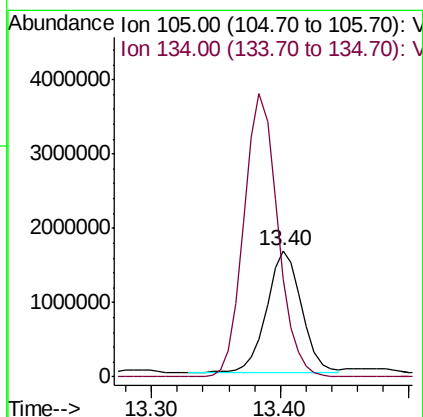
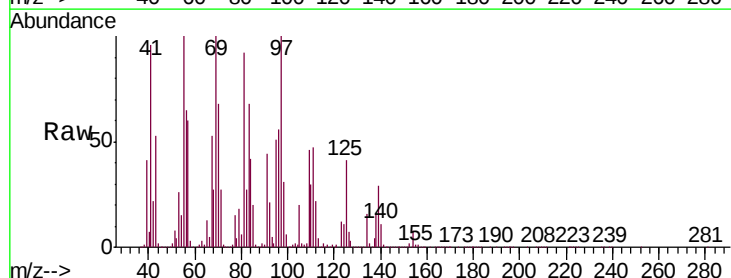
Instrument :
MSVOA_W
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

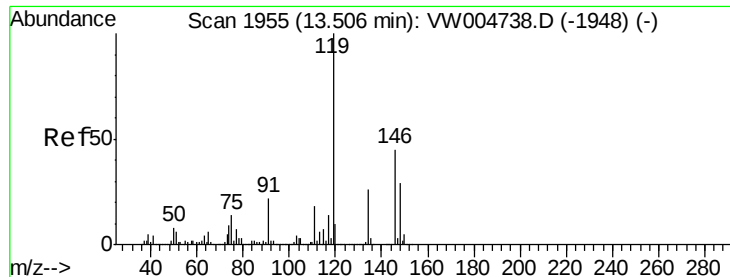
Tgt Ion:119 Resp: 4283034
Ion Ratio Lower Upper
119 100
91 78.3 32.6 97.8
134 24.1 13.1 39.3



#85
sec-Butylbenzene
Concen: 11.699 ug/l
RT: 13.40 min Scan# 1938
Delta R.T. 0.01 min
Lab File: VW004844.D
Acq: 21 Aug 2018 16:28

Tgt Ion:105 Resp: 3087512
Ion Ratio Lower Upper
105 100
134 224.2 10.0 29.8#





#86

p-Isopropyltoluene

Concen: 1.074 ug/l

RT: 13.53 min Scan# 1959

Delta R.T. 0.02 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

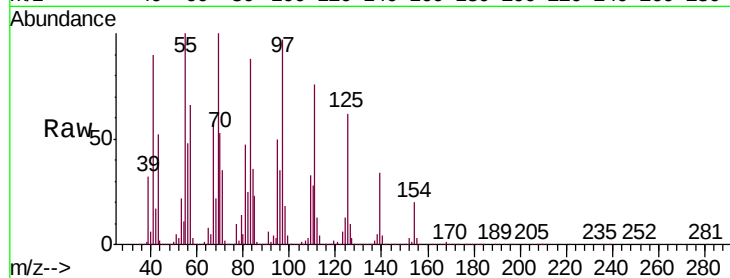
Tgt Ion: 119 Resp: 246535

Ion Ratio Lower Upper

119 100

134 0.0 13.1 39.3#

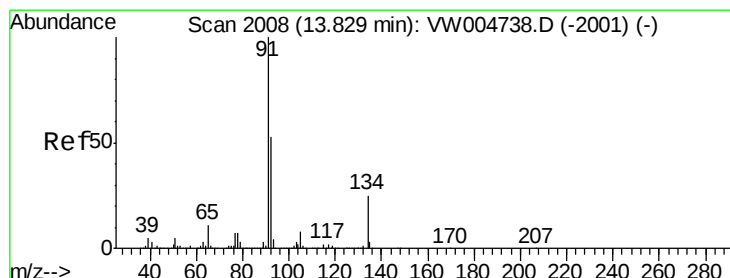
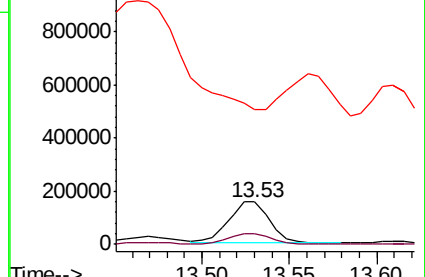
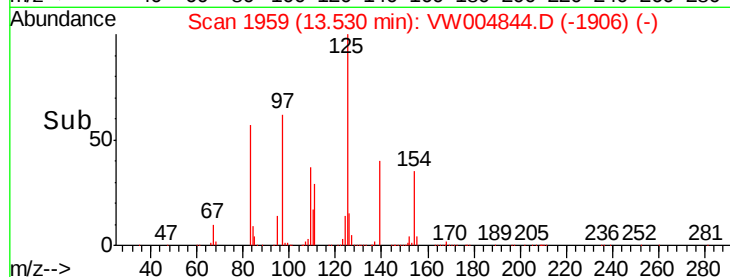
91 0.0 11.2 33.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 2.932 ug/l

RT: 13.85 min Scan# 2011

Delta R.T. 0.02 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

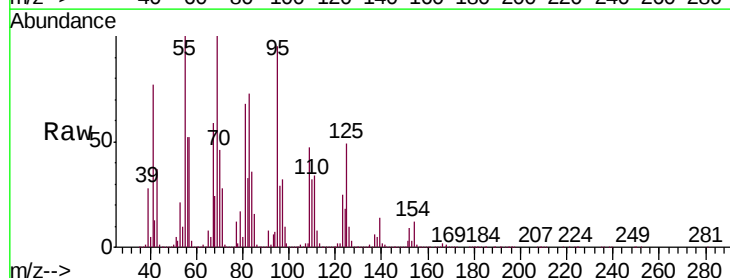
Tgt Ion: 91 Resp: 650846

Ion Ratio Lower Upper

91 100

92 20.5 26.4 79.2#

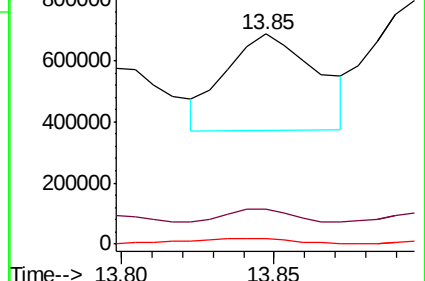
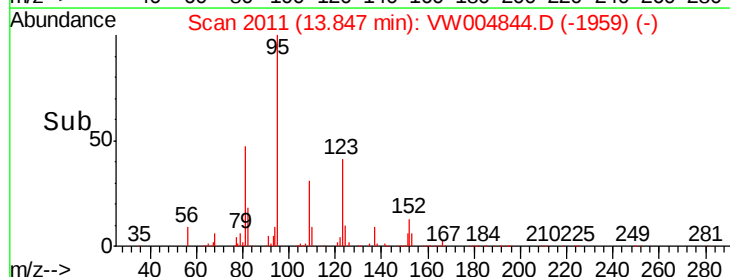
134 5.7 12.8 38.3#

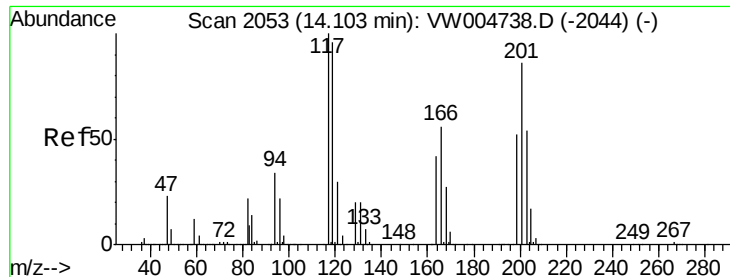


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 9.012 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

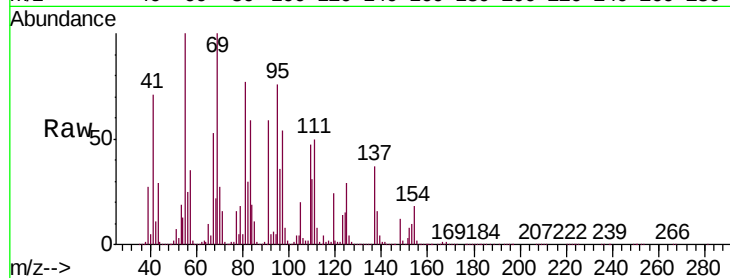
H-R-P-T-WC-1-GRAB-7

Tgt Ion: 117 Resp: 377198

Ion Ratio Lower Upper

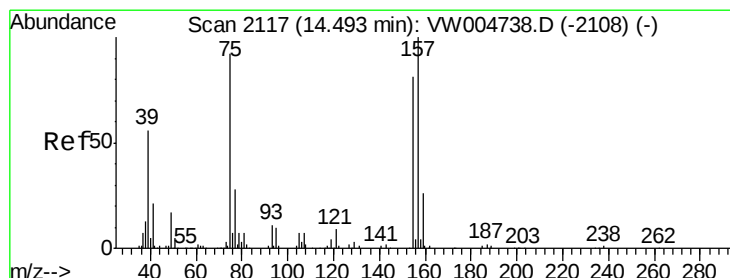
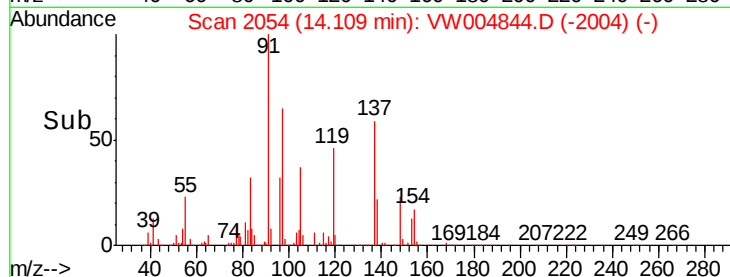
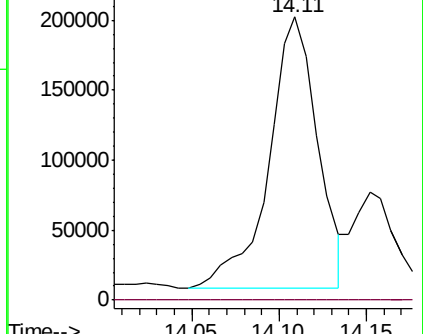
117 100

201 0.0 42.4 127.2#



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: 9.234 ug/l

RT: 14.44 min Scan# 2108

Delta R.T. -0.05 min

Lab File: VW004844.D

Acq: 21 Aug 2018 16:28

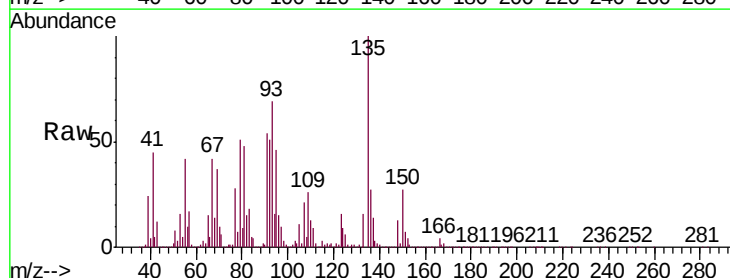
Tgt Ion: 75 Resp: 65033

Ion Ratio Lower Upper

75 100

155 0.0 43.3 129.9#

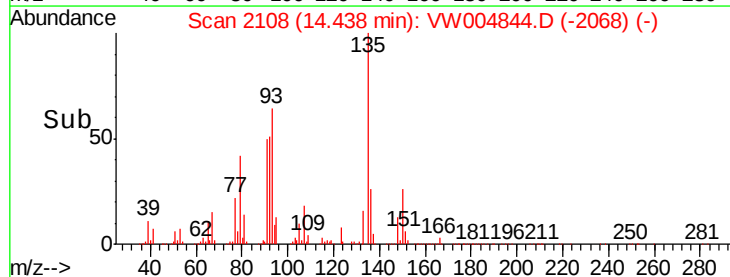
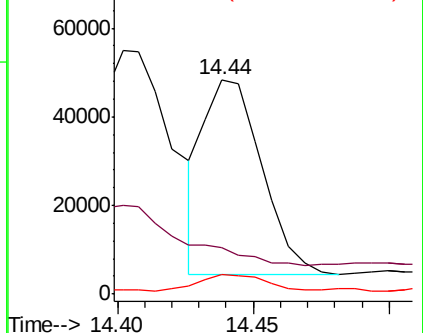
157 11.6 54.5 163.6#

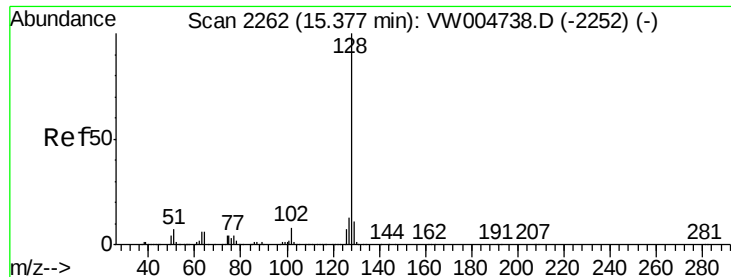


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 3.688 ug/l

RT: 15.41 min Scan# 2268

Delta R.T. 0.04 min

Lab File: VW004844.D

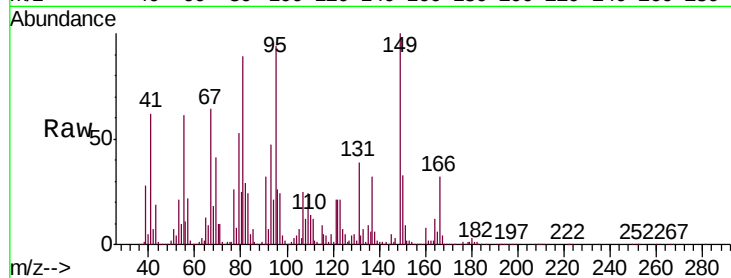
Acq: 21 Aug 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

H-R-P-T-WC-1-GRAB-7



Tgt Ion:128 Resp: 28659

Ion Ratio Lower Upper

128 100

127 53.3 10.4 15.6#

129 109.8 8.6 13.0#

