

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012428.D
 Acq On : 01 Sep 2019 04:56
 Operator : SY/VA
 Sample : K4516-05
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B4-(0)

Quant Time: Sep 01 05:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	1450	67.76	ug/l	0.00
Spiked Amount			Recovery	=	135.52%	
35) Dibromofluoromethane	7.89	113	1210	98.21	ug/l	0.00
Spiked Amount			Recovery	=	196.42%	
50) Toluene-d8	10.33	98	1534	30.71	ug/l	0.00
Spiked Amount			Recovery	=	61.42%	
62) 4-Bromofluorobenzene	12.62	95	322	18.29	ug/l	0.00
Spiked Amount			Recovery	=	36.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	130	7.571	ug/l #	59
4) Vinyl Chloride	2.46	62	25	1.190	ug/l #	43
6) Chloroethane	2.93	64	133	11.218	ug/l #	45
11) Tert butyl alcohol	5.43	59	20	15.532	ug/l #	71
13) Acrolein	3.97	56	60	49.499	ug/l #	15
14) Allyl chloride	4.66	41	95	2.461	ug/l #	1
15) Acrylonitrile	5.35	53	23	4.632	ug/l #	17
16) Acetone	4.12	43	217	39.673	ug/l #	47
18) Methyl Acetate	4.65	43	26	1.919	ug/l #	57
19) Methyl tert-butyl Ether	5.55	73	42	1.438	ug/l #	52
20) Methylene Chloride	4.92	84	121	5.852	ug/l #	28
23) Vinyl Acetate	6.26	43	50	1.136	ug/l #	77
25) 2-Butanone	7.15	43	94	12.647	ug/l #	56
27) cis-1,2-Dichloroethene	7.18	96	50	2.417	ug/l #	4
28) Bromochloromethane	7.63	49	71	4.182	ug/l #	24
29) Tetrahydrofuran	7.54	42	82	18.389	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	119	5.579	ug/l #	44
37) Ethyl Acetate	7.26	43	90	7.700	ug/l #	73
38) Carbon Tetrachloride	7.94	117	261	14.138	ug/l #	12
40) Benzene	8.41	78	781	13.410	ug/l #	88
41) Methacrylonitrile	7.49	41	105	15.285	ug/l #	42
42) 1,2-Dichloroethane	8.37	62	21	1.150	ug/l #	77
43) Isopropyl Acetate	8.41	43	138	6.374	ug/l #	55
46) Dibromomethane	9.37	93	22	3.155	ug/l #	4
48) Methyl methacrylate	9.45	41	85	8.249	ug/l #	23
51) 4-Methyl-2-Pentanone	10.20	43	20	1.816	ug/l #	40
53) t-1,3-Dichloropropene	10.59	75	25	1.322	ug/l #	43
54) cis-1,3-Dichloropropene	10.09	75	24	1.051	ug/l #	77
56) Ethyl methacrylate	10.85	69	19	1.323	ug/l #	1
57) 1,3-Dichloropropane	11.18	76	44	2.360	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.88	63	19	2.578	ug/l #	50
59) 2-Hexanone	10.92	43	19	2.439	ug/l #	28
61) 1,2-Dibromoethane	11.47	107	22	2.393	ug/l #	3
74) N-amyl acetate	12.30	43	27	5.301	ug/l #	47

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ALS Vial : 46 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
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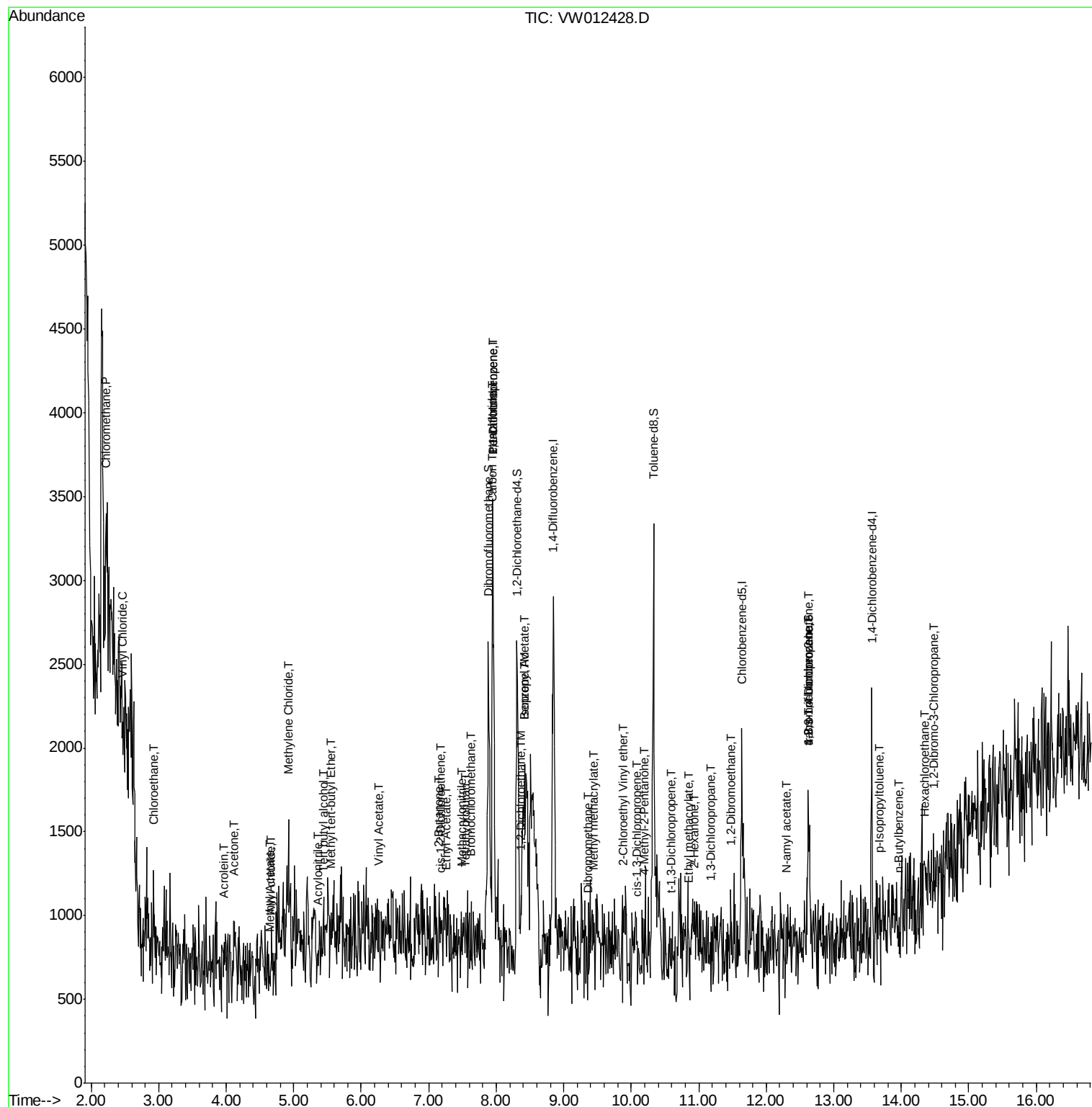
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.62	75	286	130.514	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	286	286.156	ug/l #	6
86) p-Isopropyltoluene	13.67	119	42	2.751	ug/l #	50
89) n-Butylbenzene	13.97	91	26	1.712	ug/l #	33
90) Hexachloroethane	14.33	117	49	18.292	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20	38.383	ug/l #	5

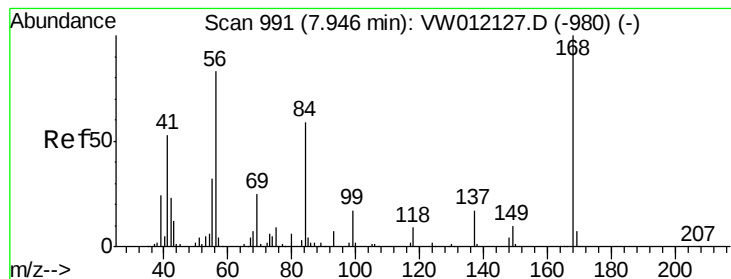
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083119\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

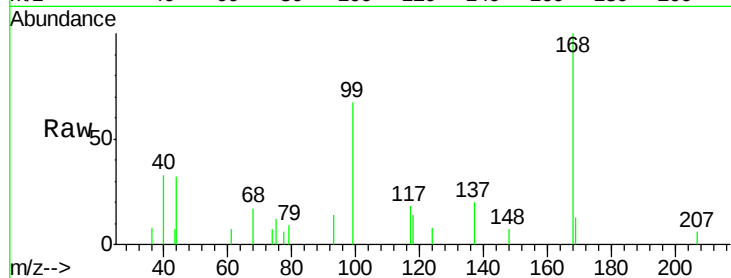
T1-S-B4-(0)

Tot Ion:168 Resp: 1800

Ion Ratio Lower Upper

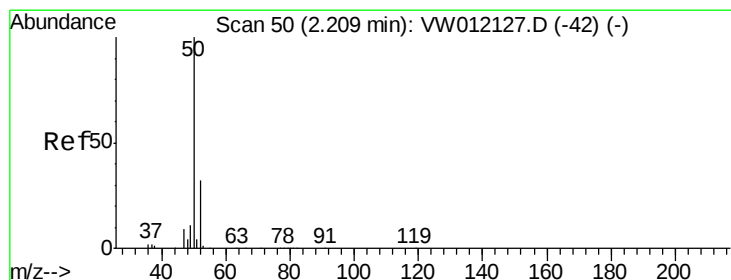
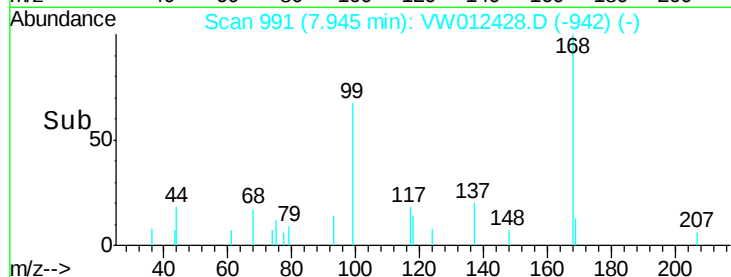
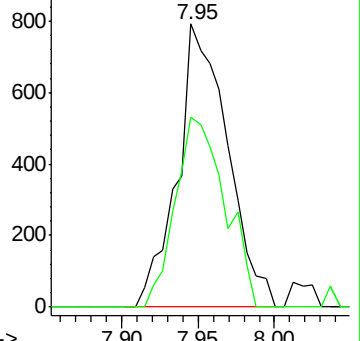
168 100

99 66.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 7.571 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW012428.D

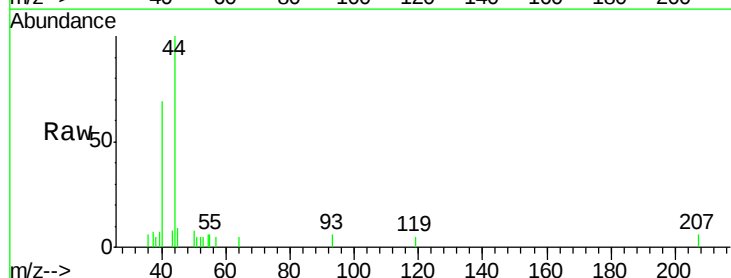
Acq: 01 Sep 2019 04:56

Tgt Ion: 50 Resp: 130

Ion Ratio Lower Upper

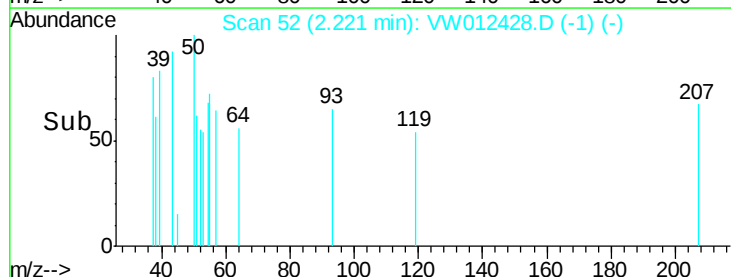
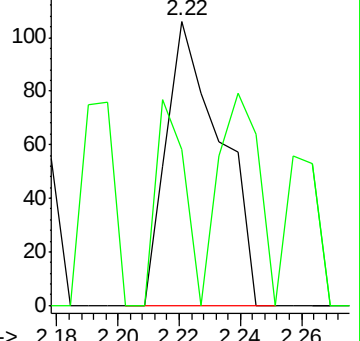
50 100

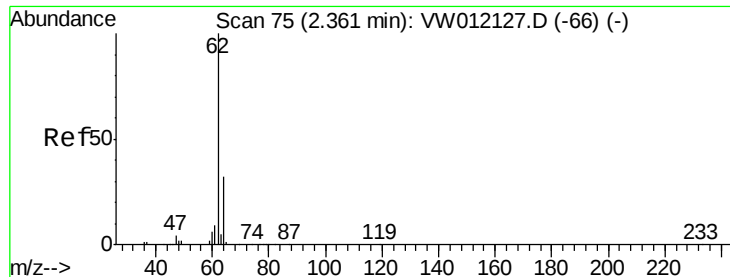
52 54.7 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#4

Vinyl Chloride

Concen: 1.190 ug/l

RT: 2.46 min Scan# 92

Delta R.T. 0.10 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

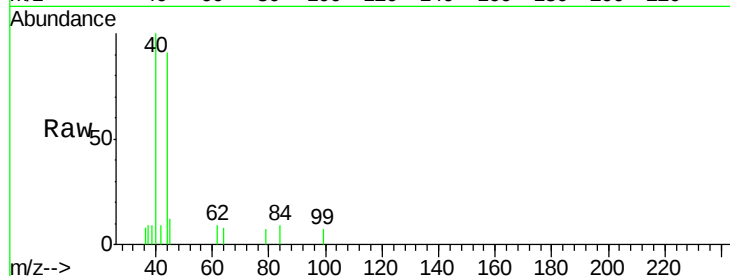
T1-S-B4-(0)

Tot Ion: 62 Resp: 25

Ion Ratio Lower Upper

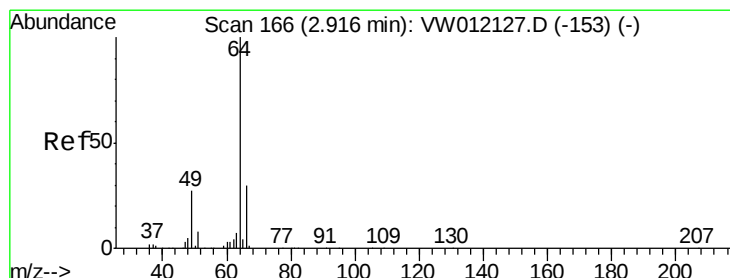
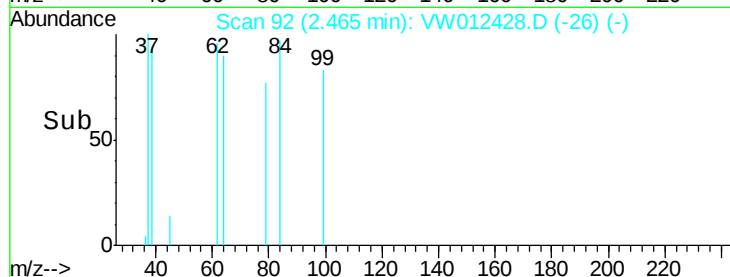
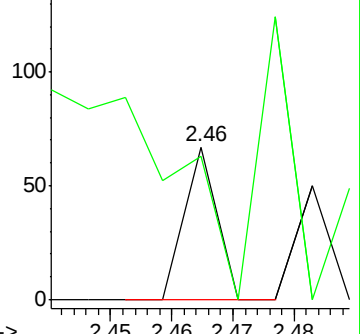
62 100

64 0.0 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



#6

Chloroethane

Concen: 11.218 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW012428.D

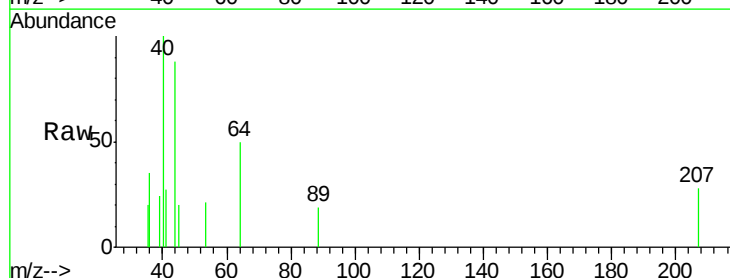
Acq: 01 Sep 2019 04:56

Tgt Ion: 64 Resp: 133

Ion Ratio Lower Upper

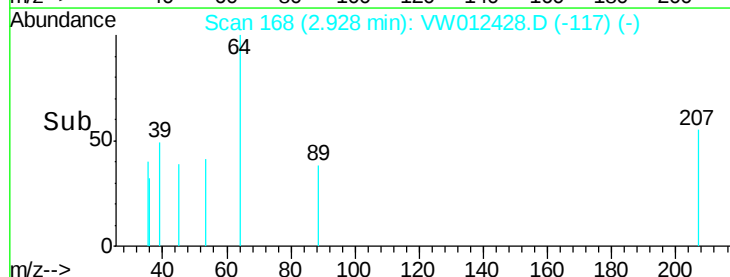
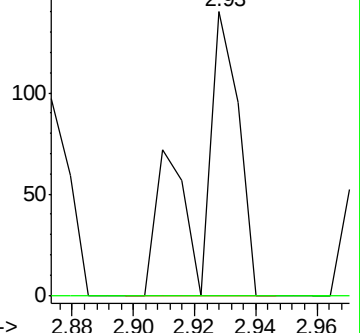
64 100

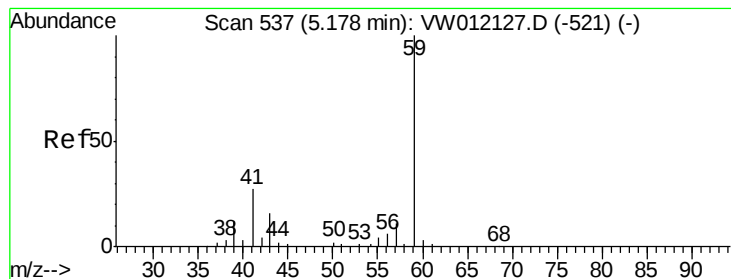
66 0.0 23.8 35.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



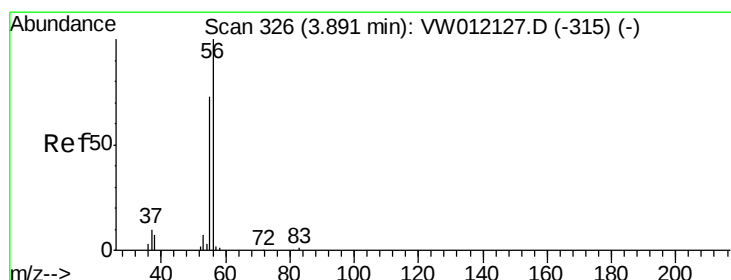
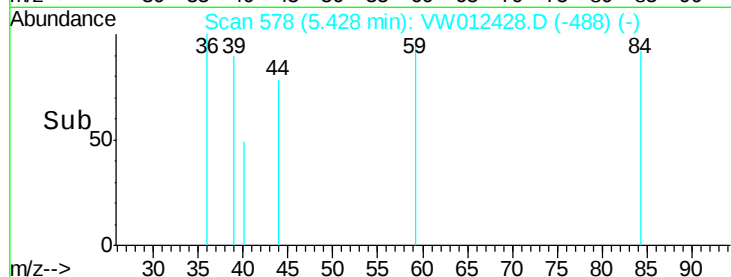
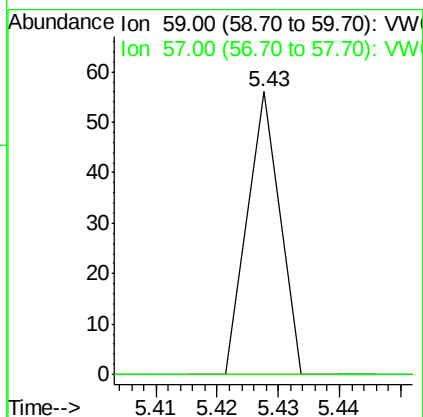
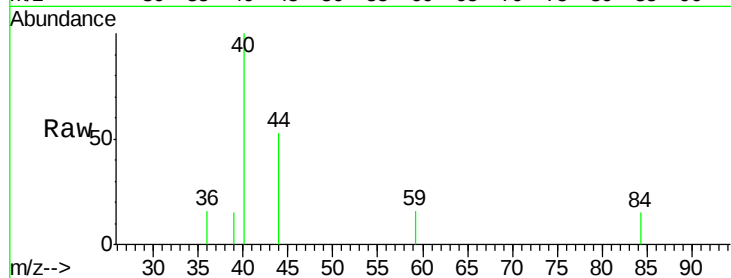


#11

Tert butyl alcohol
 Concen: 15.532 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.25 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampled :
 T1-S-B4-(0)

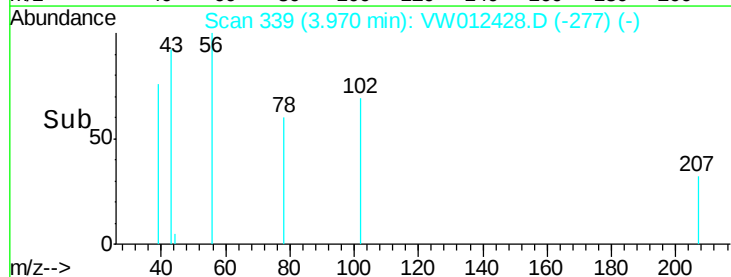
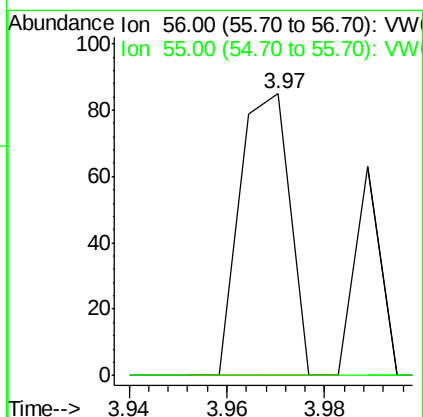
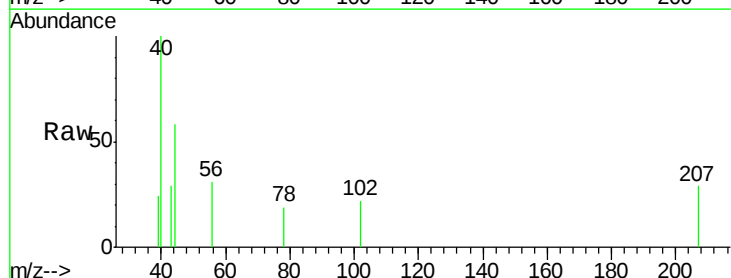
Tot Ion: 59 Resp: 20
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

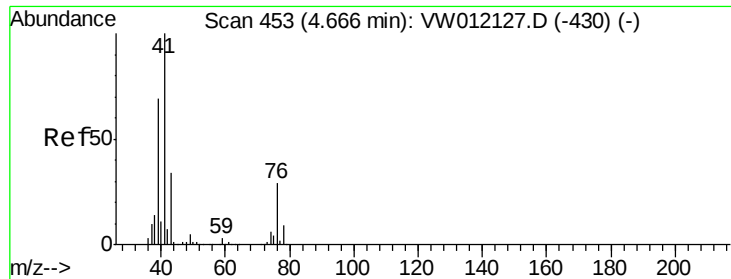


#13

Acrolein
 Concen: 49.499 ug/l
 RT: 3.97 min Scan# 339
 Delta R.T. 0.08 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

Tgt Ion: 56 Resp: 60
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.8 83.8#

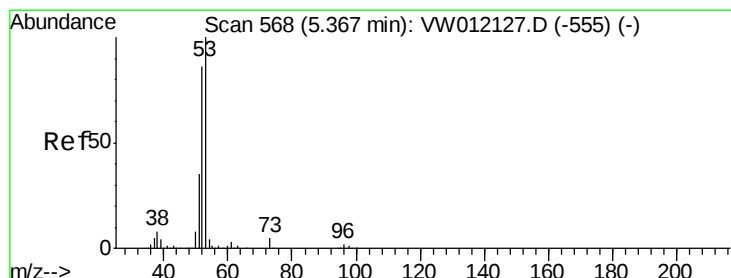
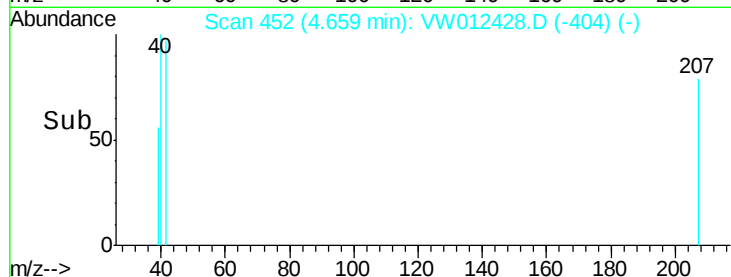
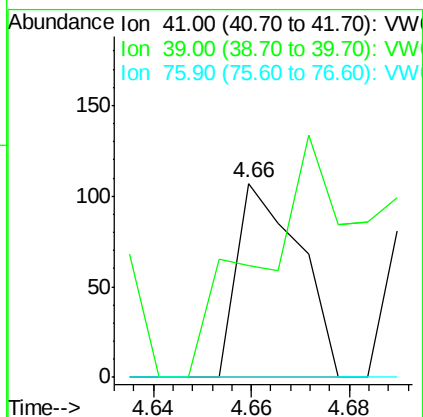
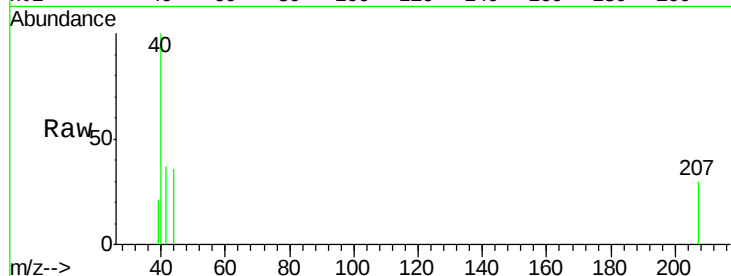




#14
Allvl chloride
Concen: 2.461 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

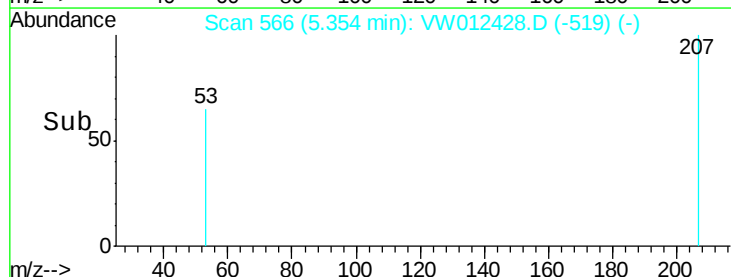
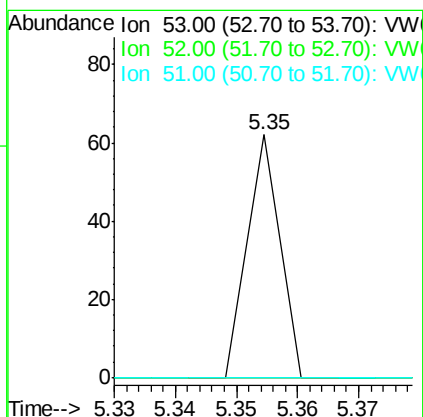
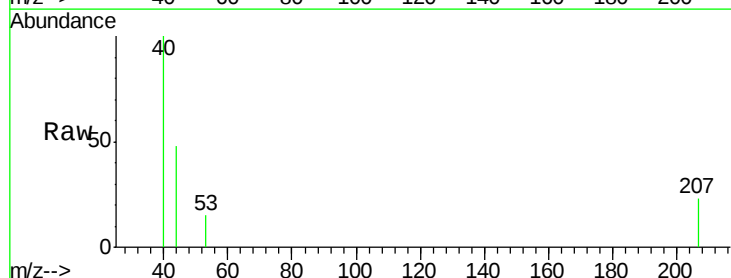
Instrument :
MSVOA_W
ClientSampleId :
T1-S-B4-(0)

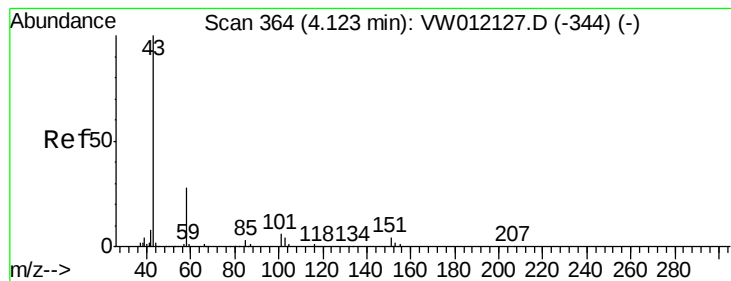
Tot Ion: 41 Resp: 95
Ion Ratio Lower Upper
41 100
39 226.3 53.4 80.2#
76 0.0 22.1 33.1#



#15
Acrylonitrile
Concen: 4.632 ug/l
RT: 5.35 min Scan# 566
Delta R.T. -0.01 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

Tgt Ion: 53 Resp: 23
Ion Ratio Lower Upper
53 100
52 0.0 66.7 100.1#
51 0.0 30.1 45.1#





#16

Acetone

Concen: 39.673 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

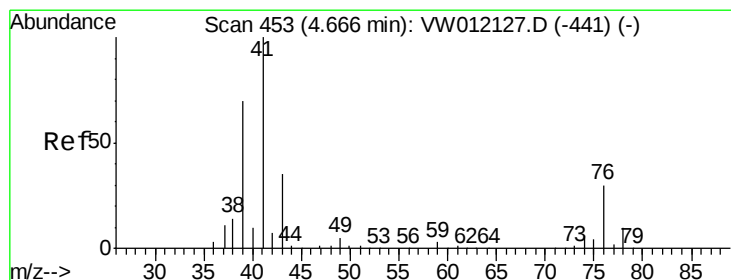
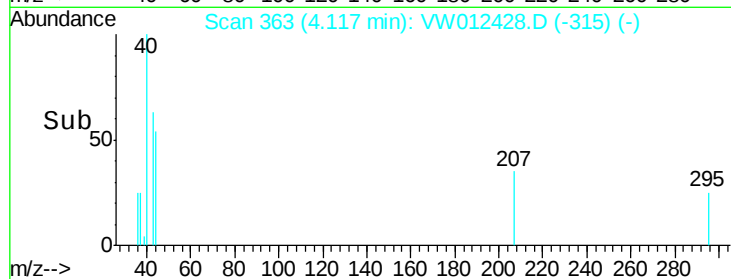
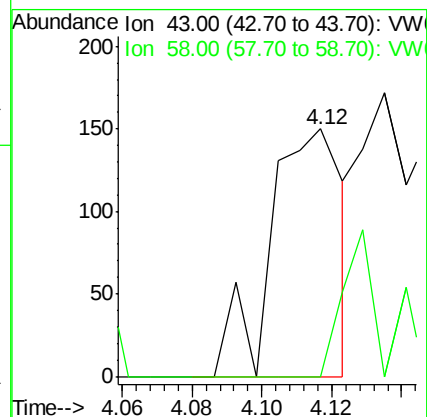
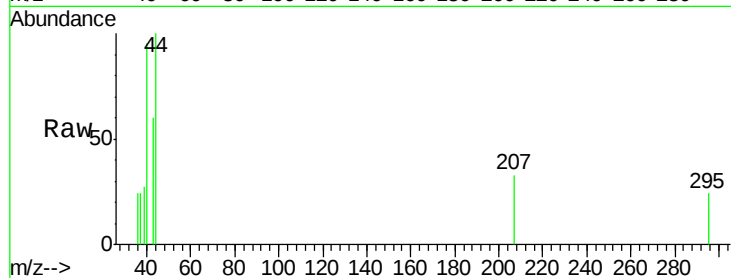
T1-S-B4-(0)

Tot Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

58 0.0 22.4 33.6#



#18

Methyl Acetate

Concen: 1.919 ug/l

RT: 4.65 min Scan# 450

Delta R.T. -0.02 min

Lab File: VW012428.D

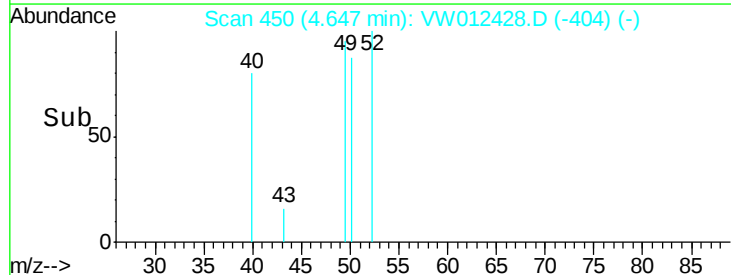
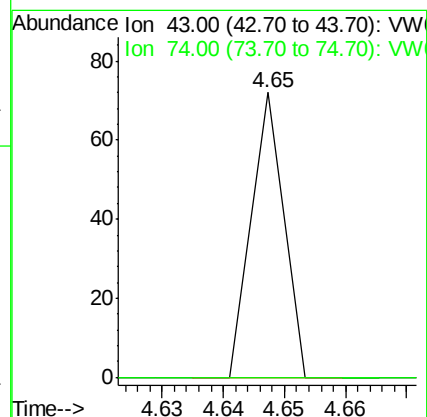
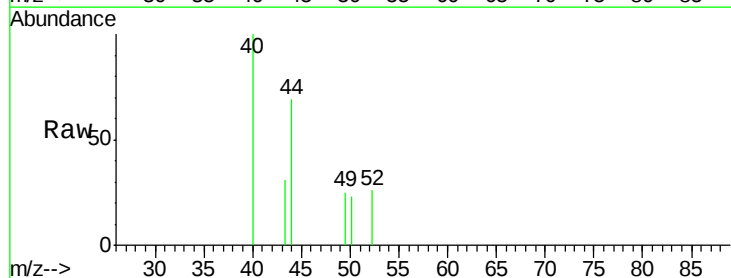
Acq: 01 Sep 2019 04:56

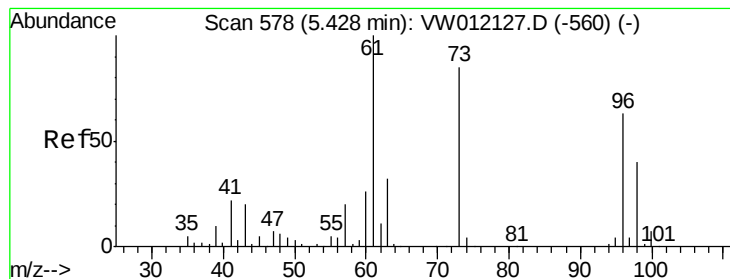
Tgt Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#



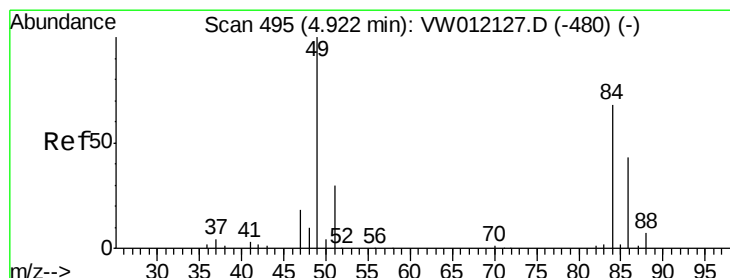
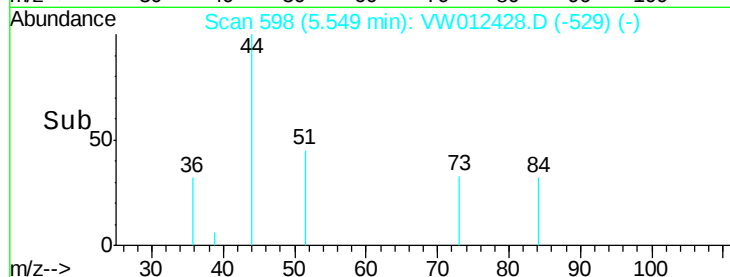
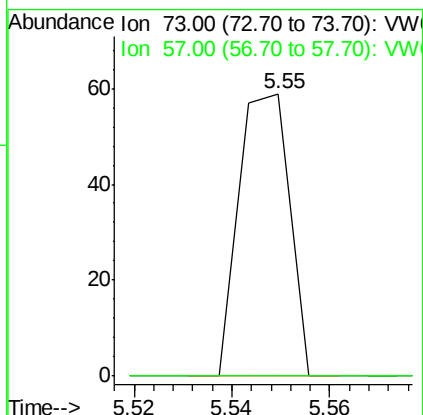
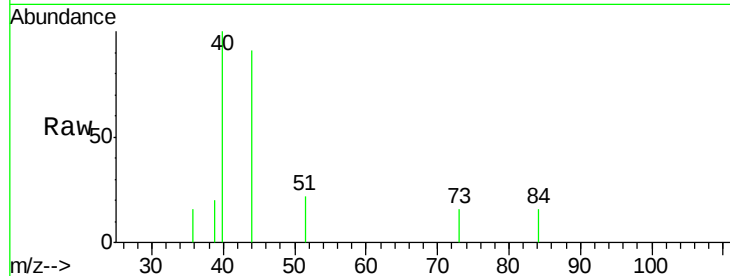


#19

Methyl tert-butyl Ether
 Concen: 1.438 ug/l
 RT: 5.55 min Scan# 598
 Delta R.T. 0.12 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampled :
 T1-S-B4-(0)

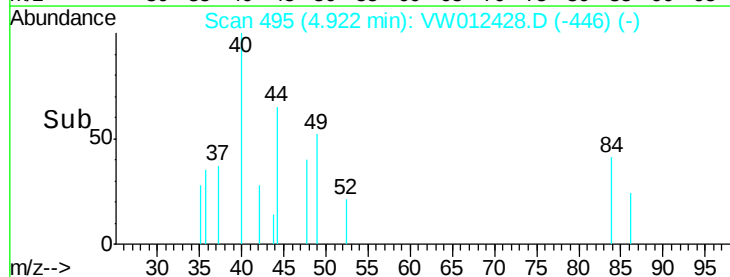
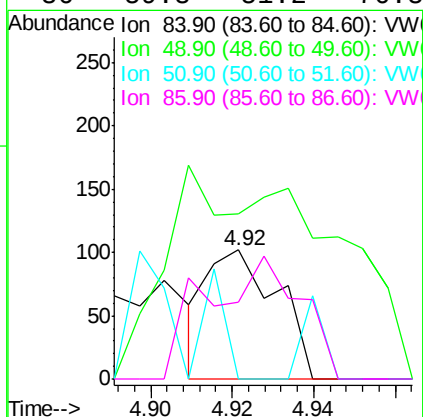
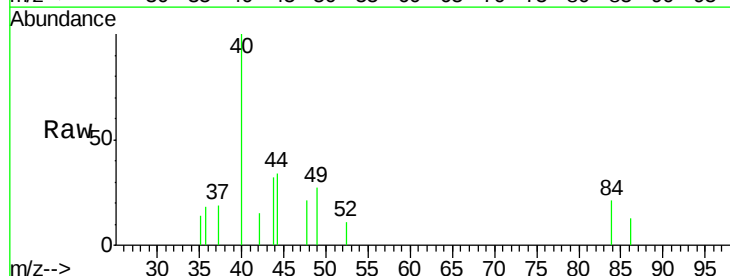
Tot Ion: 73 Resp: 42
 Ion Ratio Lower Upper
 73 100
 57 0.0 18.9 28.3#

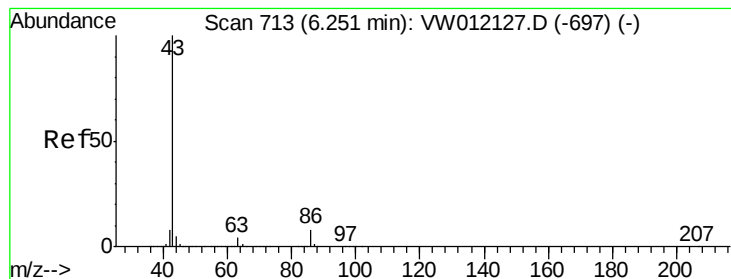


#20

Methylene Chloride
 Concen: 5.852 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

Tgt Ion: 84 Resp: 121
 Ion Ratio Lower Upper
 84 100
 49 18.6 117.8 176.8#
 51 0.0 35.6 53.4#
 86 59.8 51.2 76.8





#23

Vinyl Acetate

Concen: 1.136 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

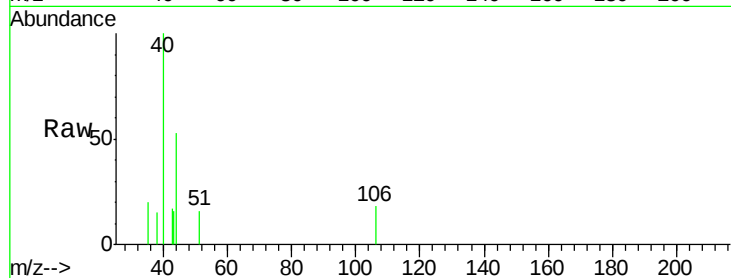
T1-S-B4-(0)

Tot Ion: 43 Resp: 50

Ion Ratio Lower Upper

43 100

86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

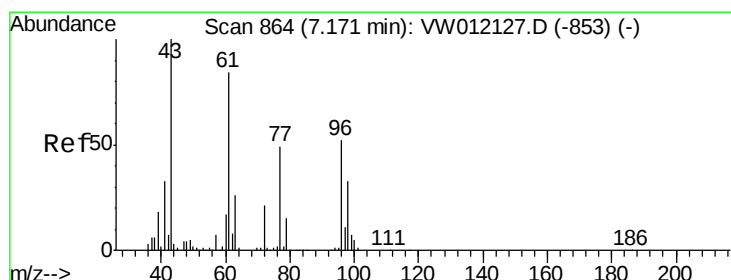
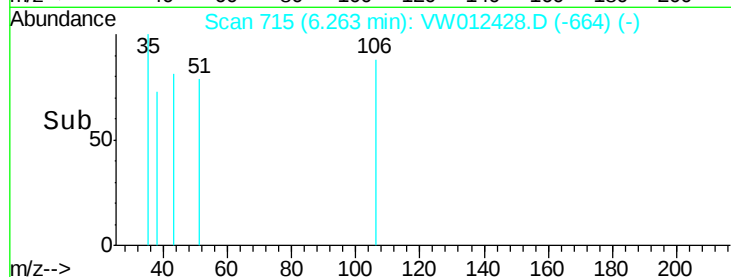
150

100

50

0

Time--> 6.24 6.25 6.26 6.27 6.28



#25

2-Butanone

Concen: 12.647 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW012428.D

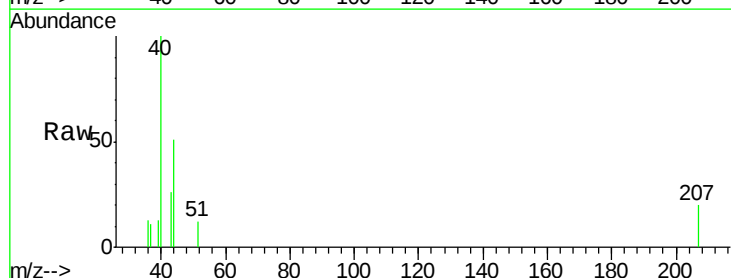
Acq: 01 Sep 2019 04:56

Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

72 0.0 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

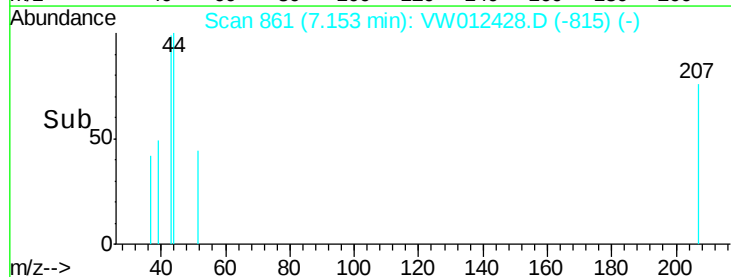
7.15

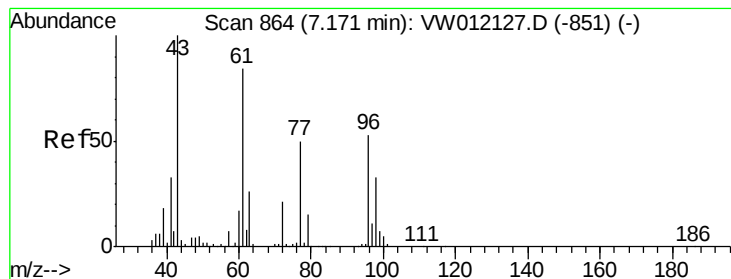
100

50

0

Time--> 7.12 7.14 7.16 7.18



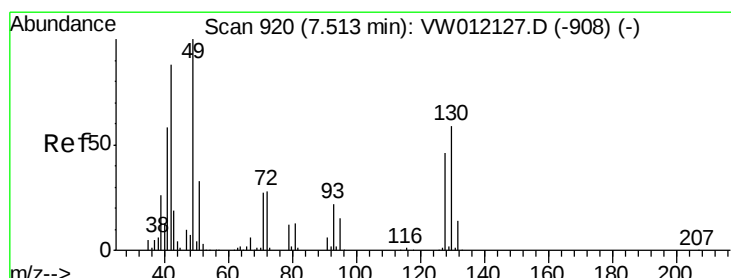
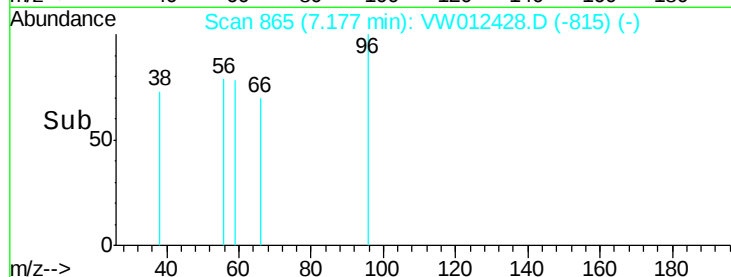
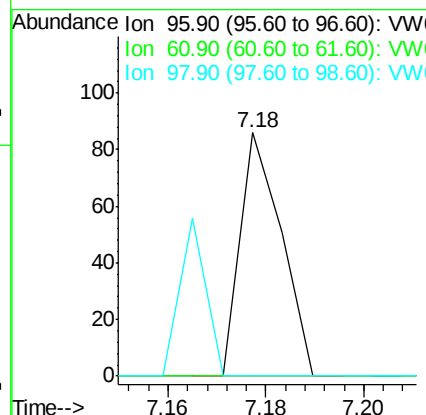
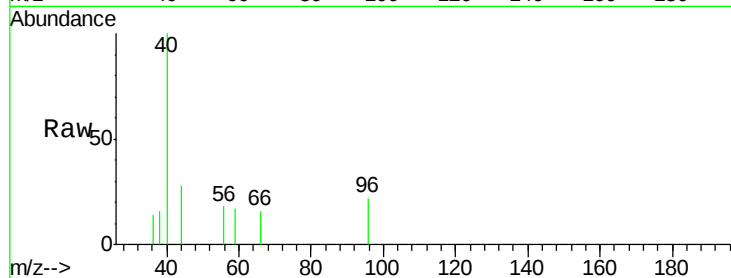


#27

cis-1,2-Dichloroethene
Concen: 2.417 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampled :
T1-S-B4-(0)

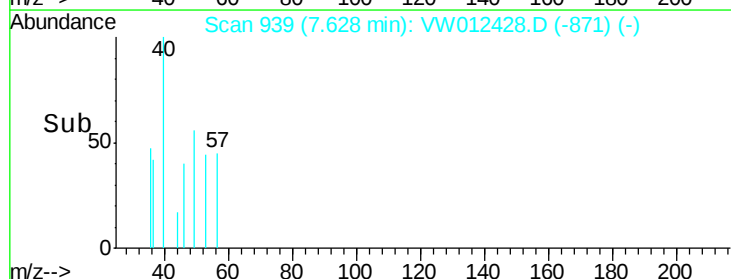
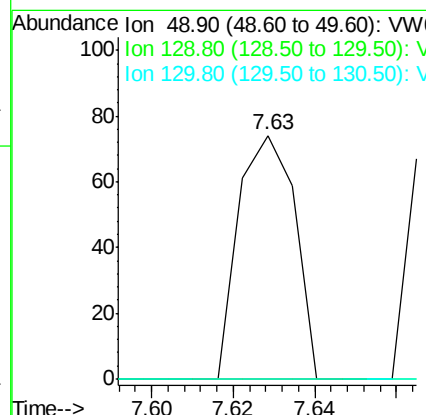
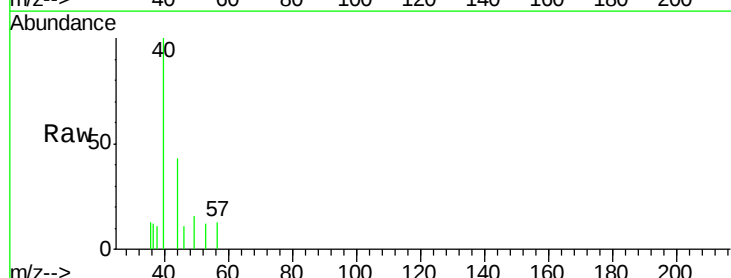
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	326.6
98	40.0	0.0	127.4

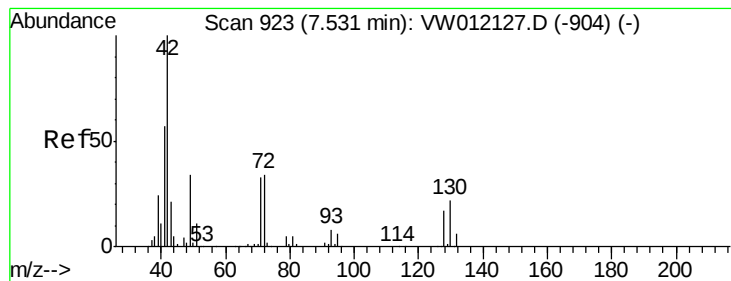


#28

Bromochloromethane
Concen: 4.182 ug/l
RT: 7.63 min Scan# 939
Delta R.T. 0.12 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.4
130	0.0	45.5	68.3#





#29

Tetrahydrofuran

Concen: 18.389 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B4-(0)

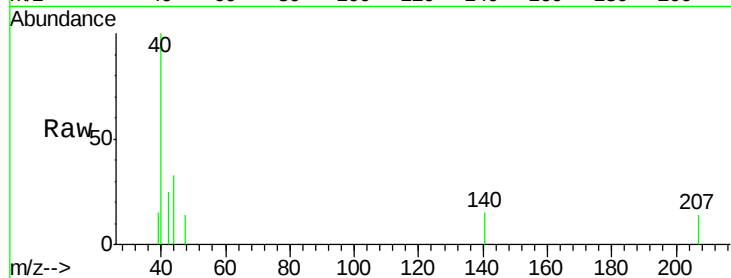
Tot Ion: 42 Resp: 82

Ion Ratio Lower Upper

42 100

72 0.0 27.3 40.9#

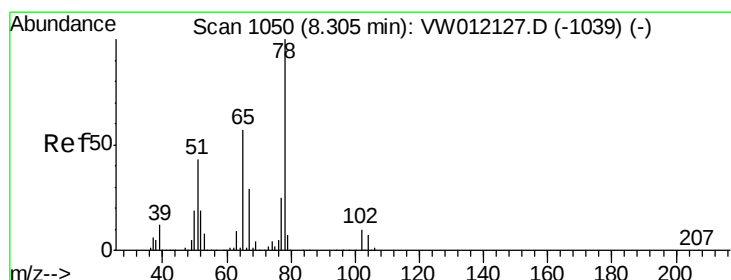
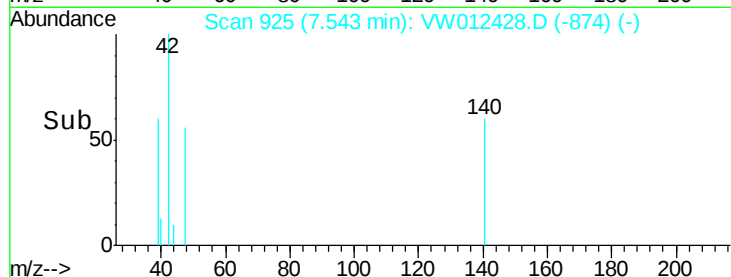
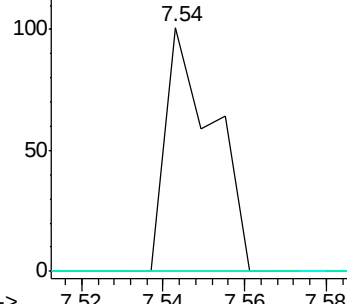
71 0.0 25.5 38.3#



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



#33

1,2-Dichloroethane-d4

Concen: 67.765 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012428.D

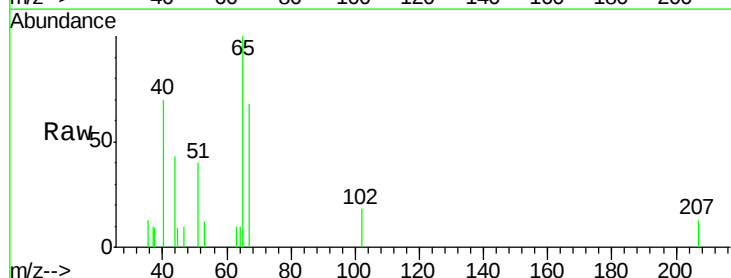
Acq: 01 Sep 2019 04:56

Tgt Ion: 65 Resp: 1450

Ion Ratio Lower Upper

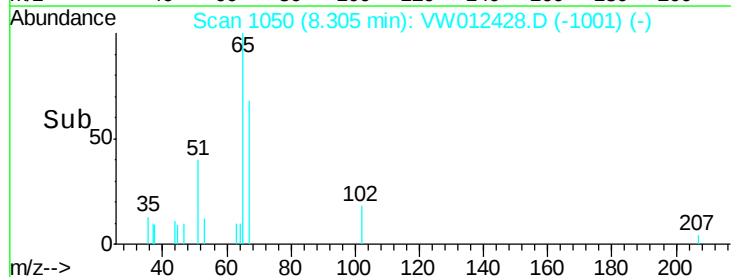
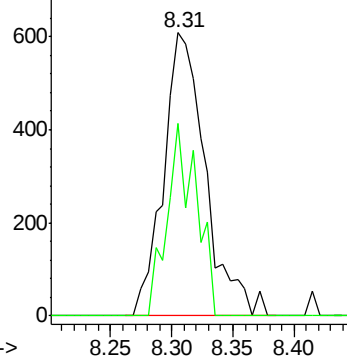
65 100

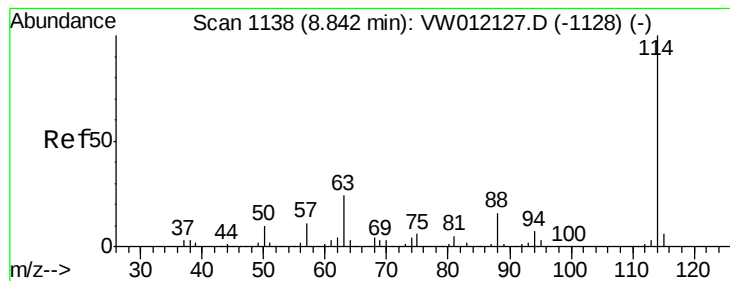
67 47.6 0.0 102.6



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B4-(0)

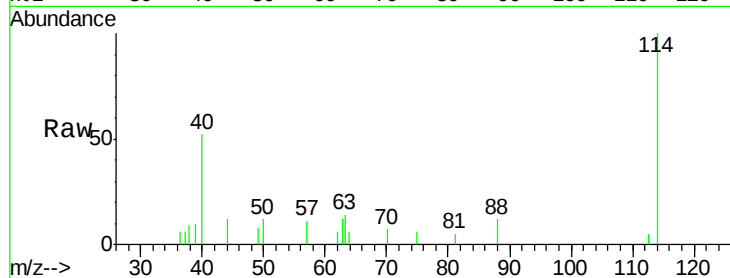
Tot Ion:114 Resp: 2064

Ion Ratio Lower Upper

114 100

63 25.5 0.0 48.6

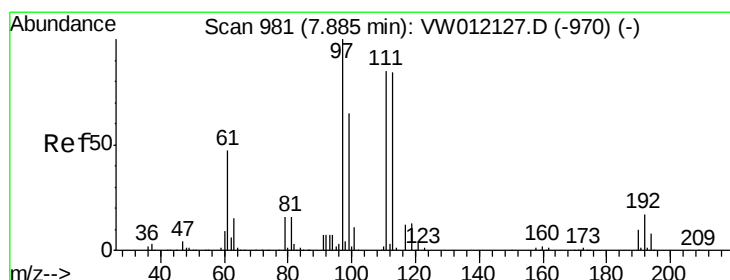
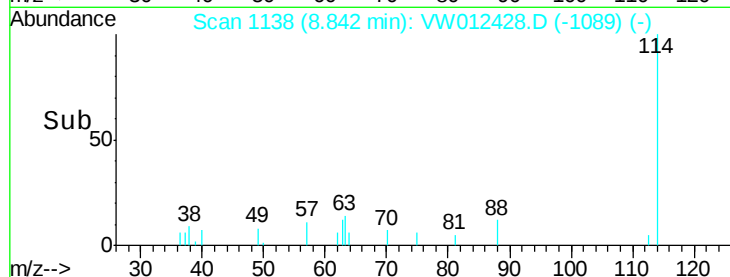
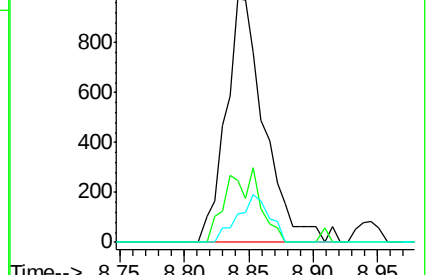
88 11.8 0.0 32.2



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: 98.214 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

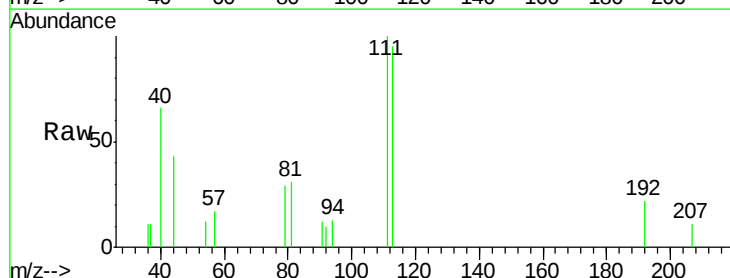
Tgt Ion:113 Resp: 1210

Ion Ratio Lower Upper

113 100

111 109.3 82.7 124.1

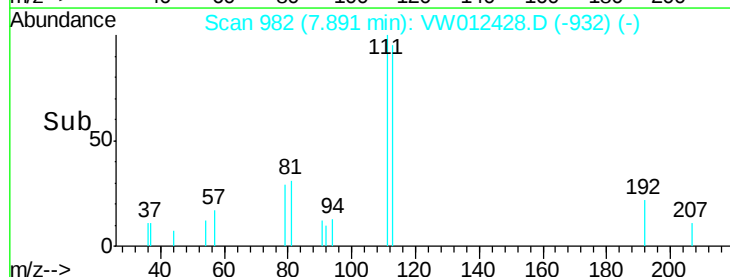
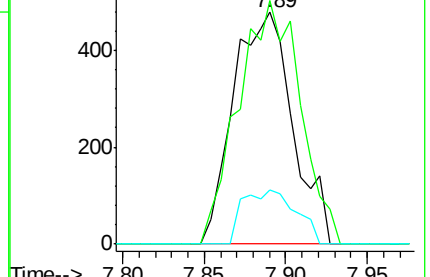
192 20.8 16.2 24.2

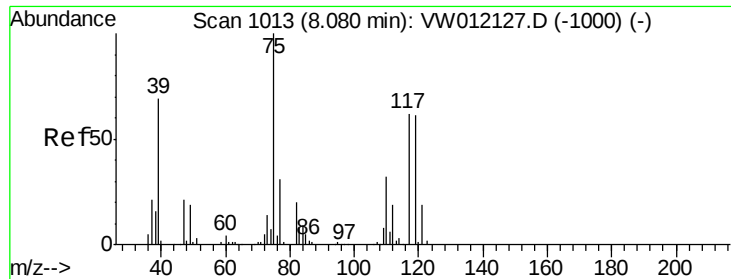


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.579 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

T1-S-B4-(0)

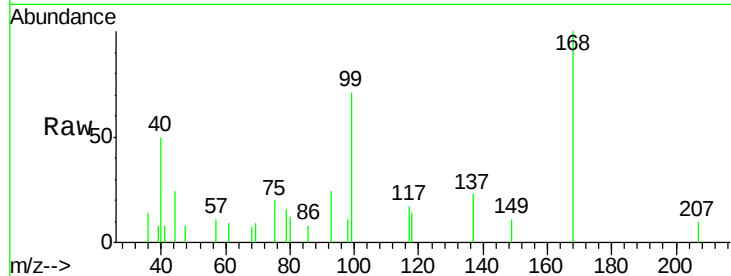
Tot Ion: 75 Resp: 119

Ion Ratio Lower Upper

75 100

110 0.0 15.6 46.8#

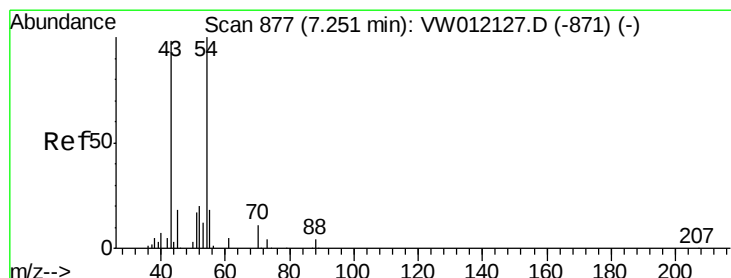
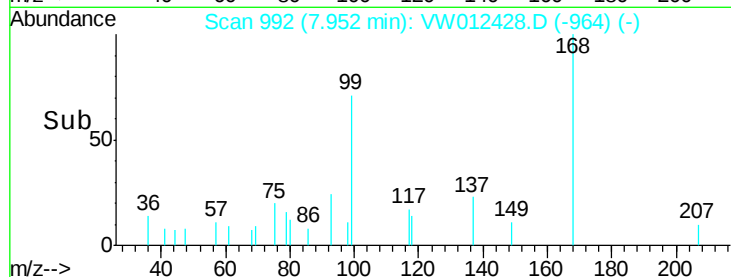
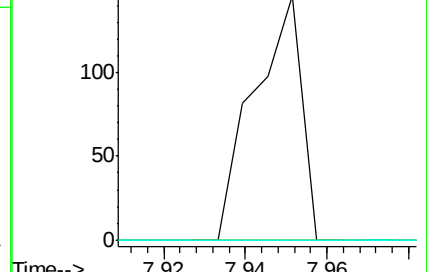
77 0.0 24.6 36.8#



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: 7.700 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

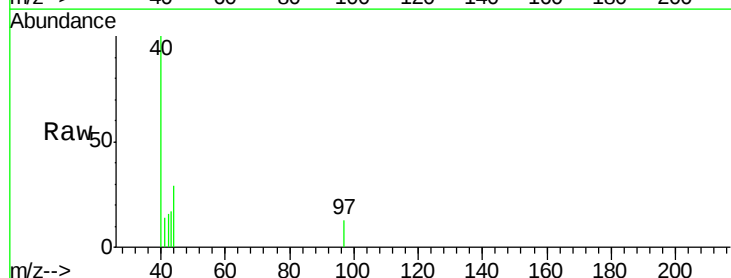
Tgt Ion: 43 Resp: 90

Ion Ratio Lower Upper

43 100

61 0.0 9.2 13.8#

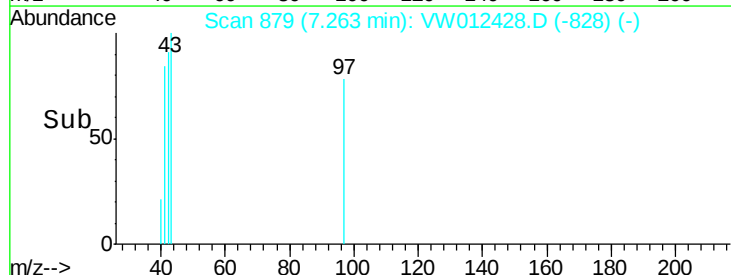
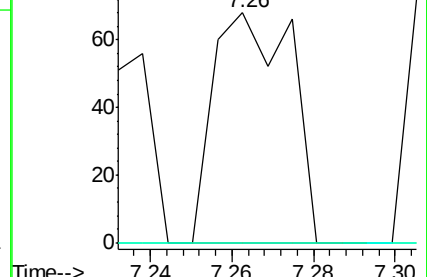
70 0.0 6.9 10.3#

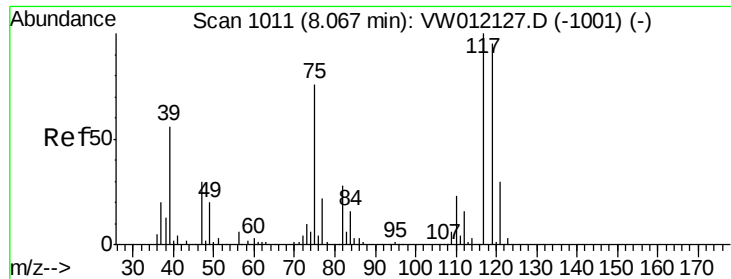


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

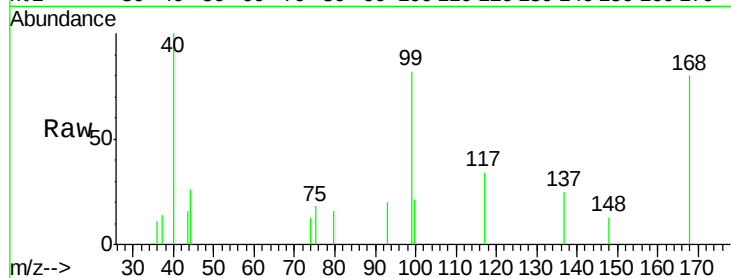




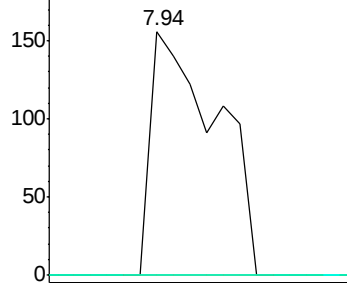
#38
Carbon Tetrachloride
Concen: 14.138 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampled :
T1-S-B4-(0)

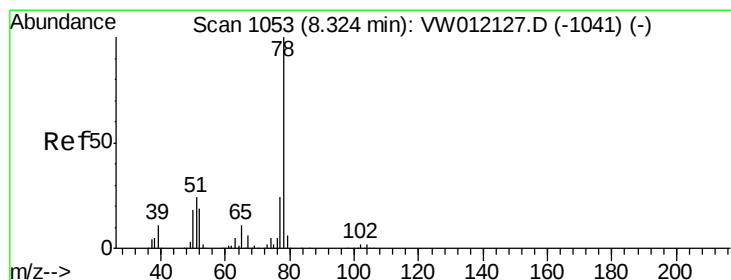
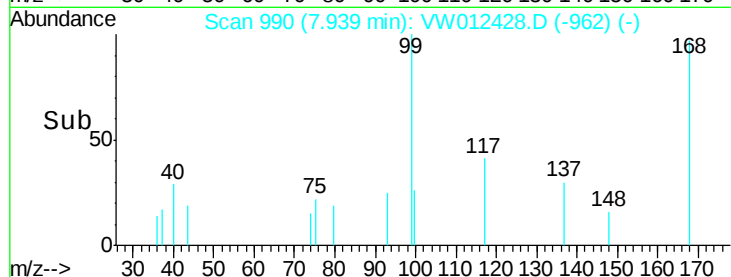
Tot Ion:117 Resp: 261
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 23.8 35.8#



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

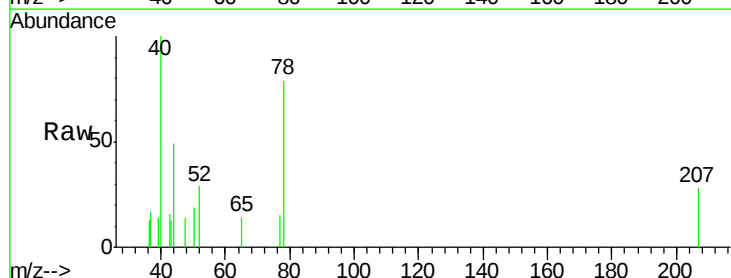


Time--> 7.90 7.95 8.00

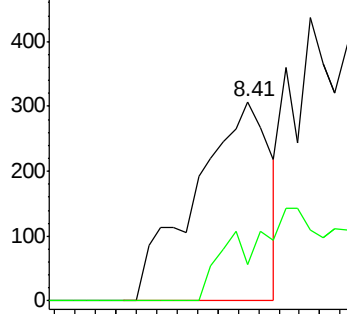


#40
Benzene
Concen: 13.410 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. 0.09 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

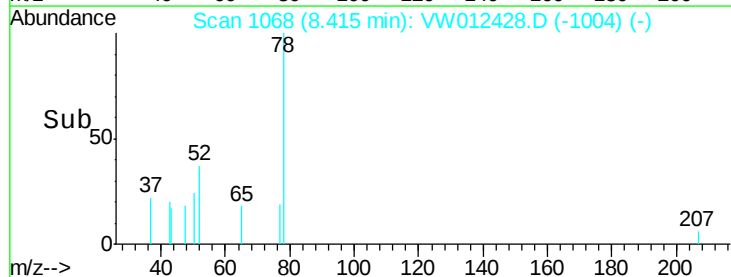
Tgt Ion: 78 Resp: 781
Ion Ratio Lower Upper
78 100
77 18.6 19.5 29.3#

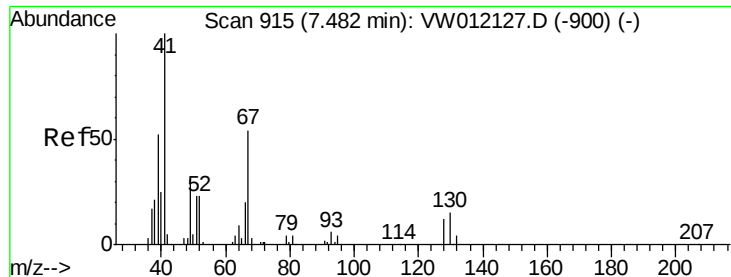


Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW



Time--> 8.35 8.40 8.45





#41

Methacrylonitrile

Concen: 15.285 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

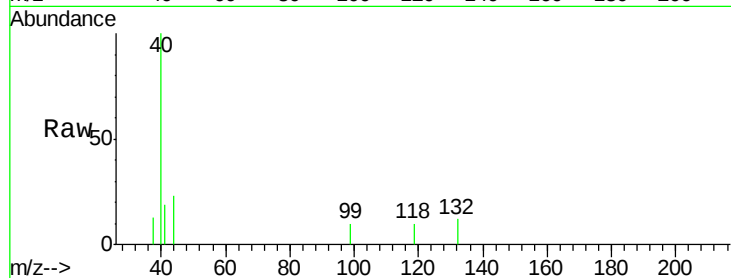
Instrument :

MSVOA_W

ClientSampleId :

T1-S-B4-(0)

Tot Ion:	41	Resp:	105
Ion	Ratio	Lower	Upper
41	100		
39	27.6	45.8	68.8#
67	0.0	46.2	69.4#
52	0.0	21.0	31.6#

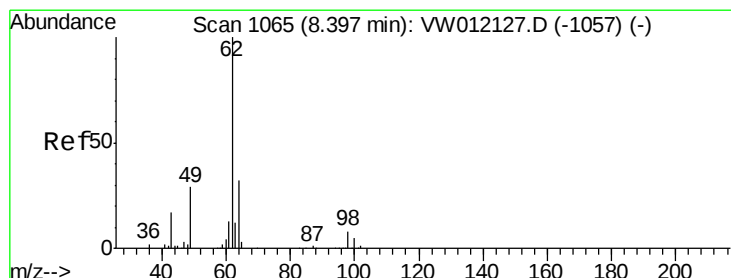
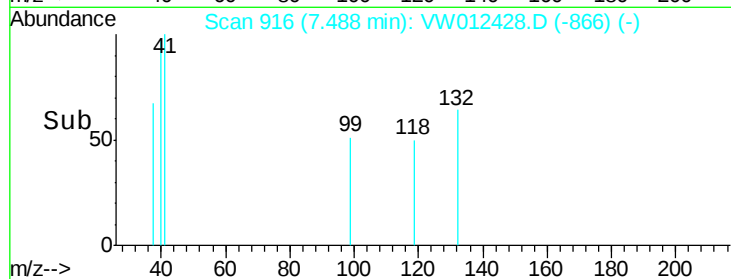
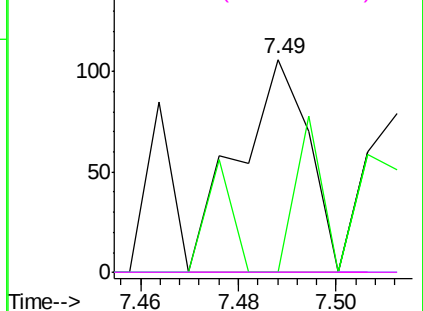


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 1.150 ug/l

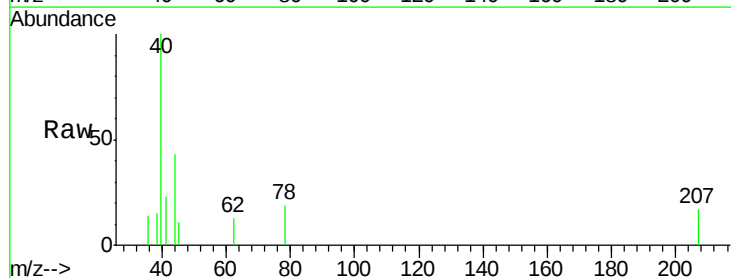
RT: 8.37 min Scan# 1060

Delta R.T. -0.03 min

Lab File: VW012428.D

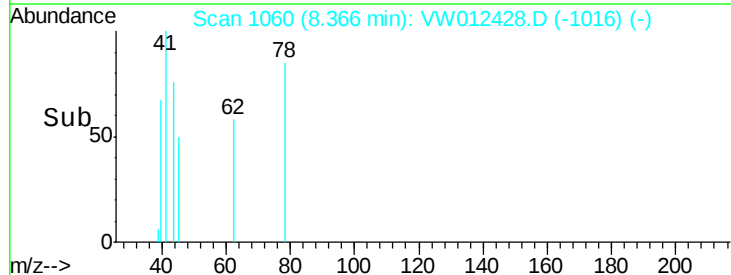
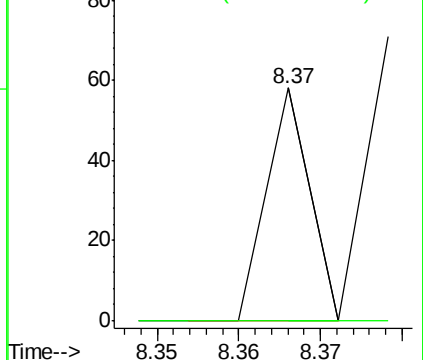
Acq: 01 Sep 2019 04:56

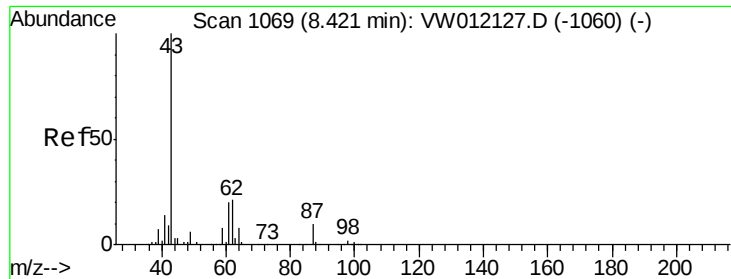
Tgt Ion:	62	Resp:	21
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 6.374 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

T1-S-B4-(0)

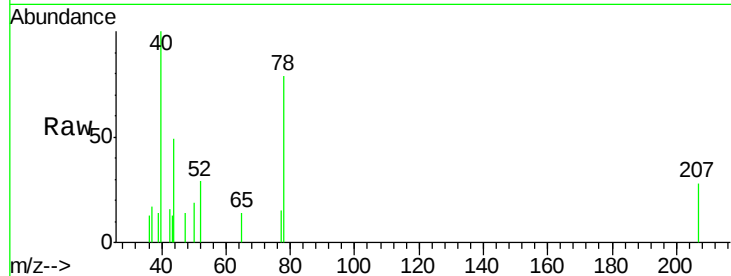
Tot Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

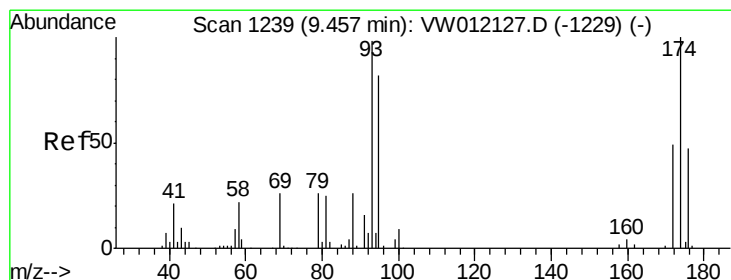
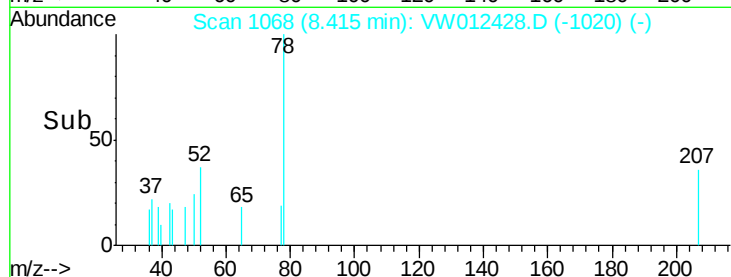
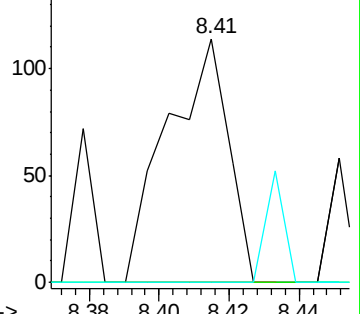
87 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#46

Dibromomethane

Concen: 3.155 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.09 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

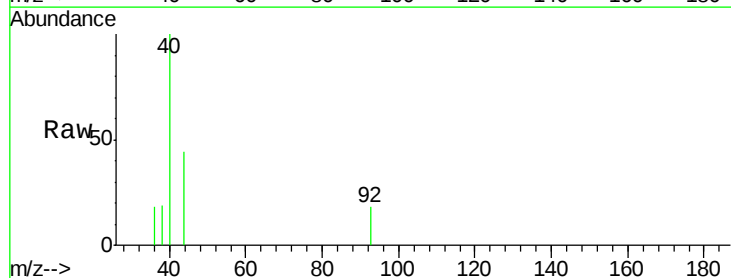
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

95 0.0 67.2 100.8#

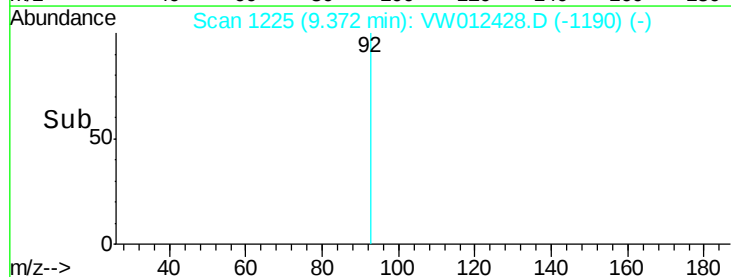
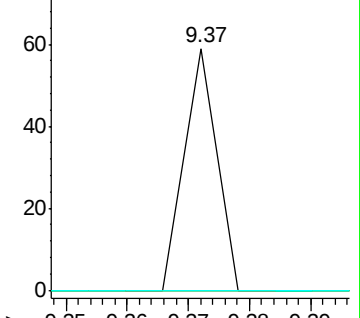
174 0.0 79.0 118.6#

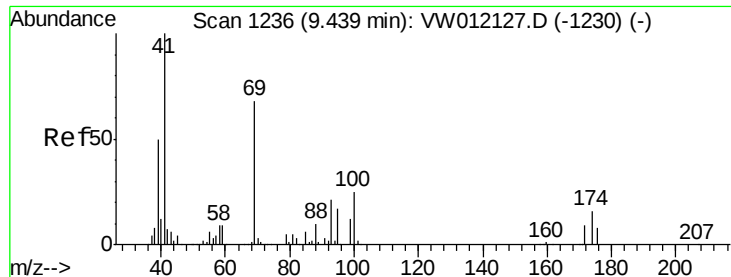


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

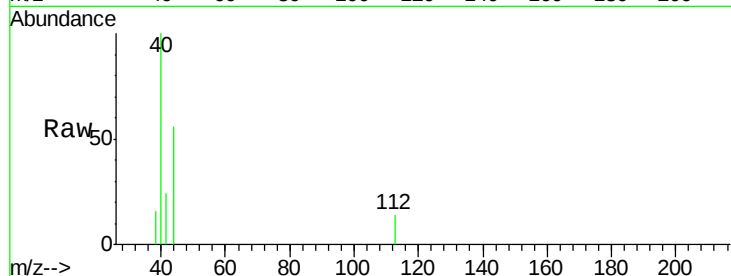




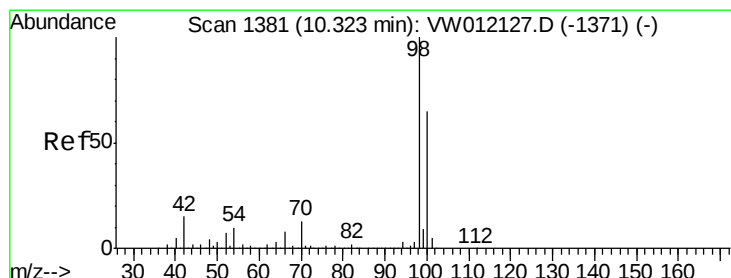
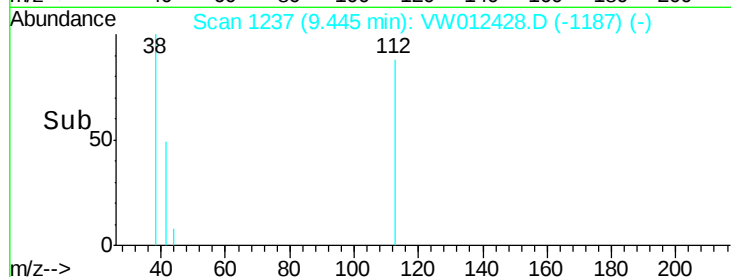
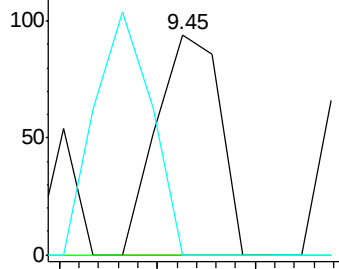
#48
Methvl methacrylate
Concen: 8.249 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
T1-S-B4-(0)

Tot Ion: 41 Resp: 85
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 98.8 42.0 63.0#

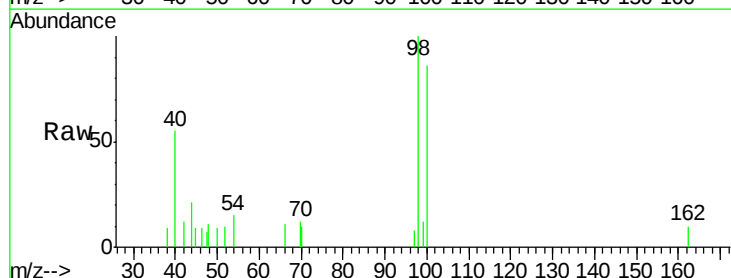


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

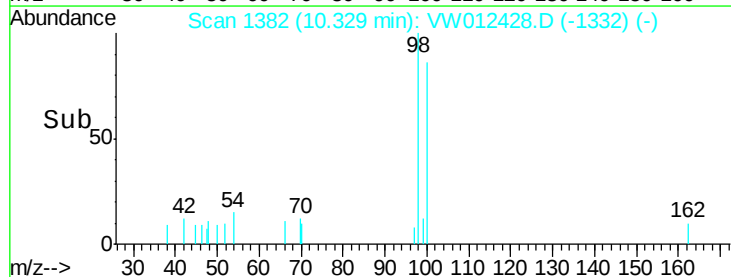
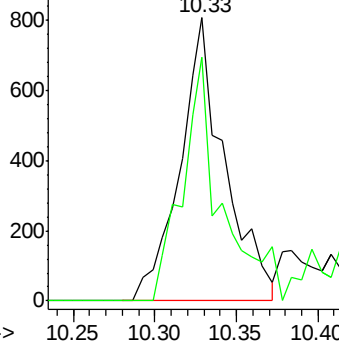


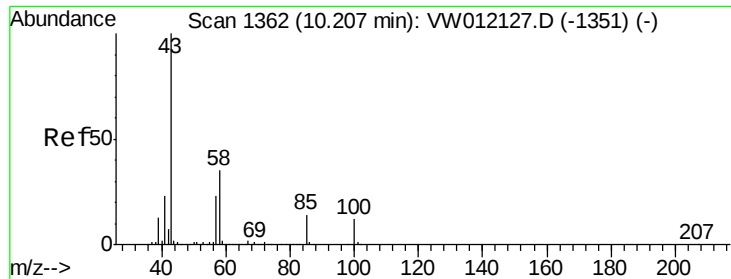
#50
Toluene-d8
Concen: 30.708 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

Tgt Ion: 98 Resp: 1534
Ion Ratio Lower Upper
98 100
100 75.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.816 ug/l

RT: 10.20 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

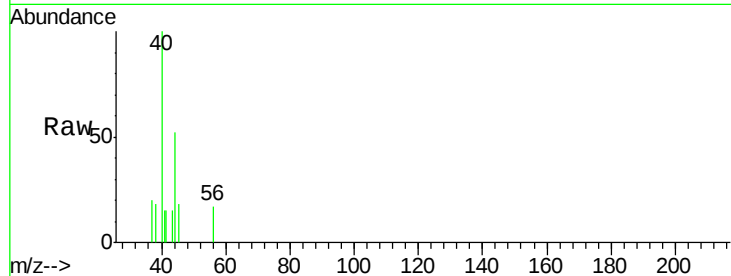
T1-S-B4-(0)

Tot Ion: 43 Resp: 20

Ion Ratio Lower Upper

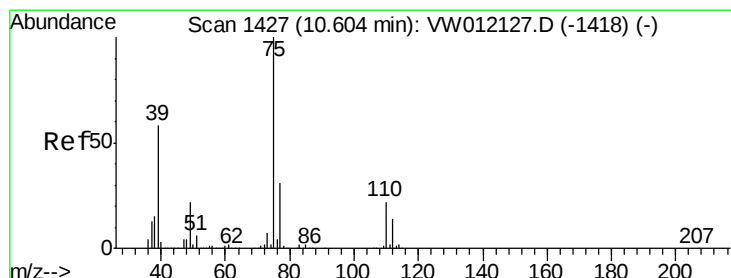
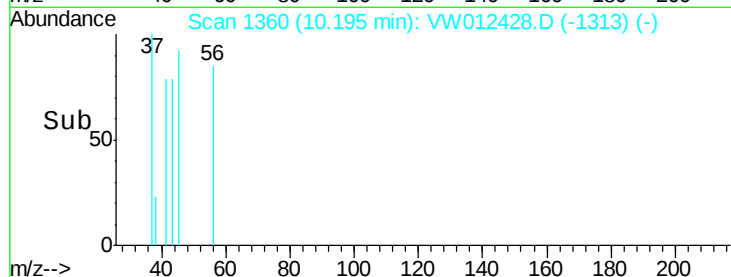
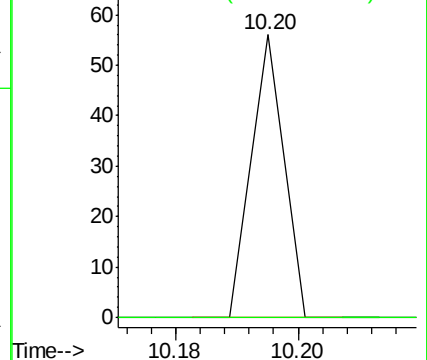
43 100

58 0.0 28.2 42.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#53

t-1,3-Dichloropropene

Concen: 1.322 ug/l

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW012428.D

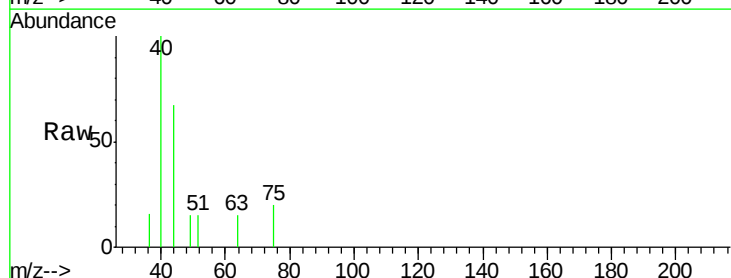
Acq: 01 Sep 2019 04:56

Tgt Ion: 75 Resp: 25

Ion Ratio Lower Upper

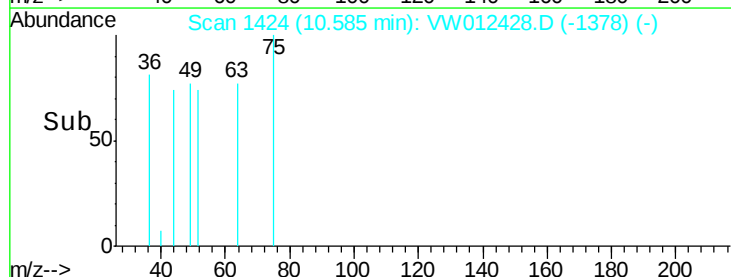
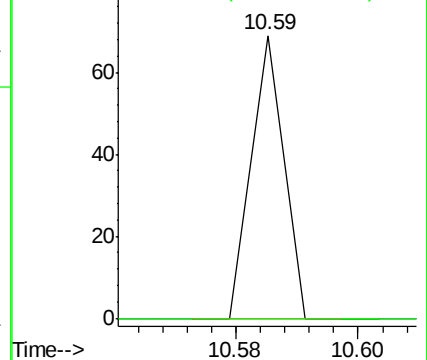
75 100

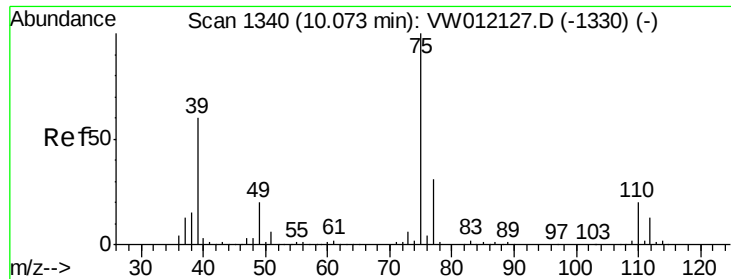
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW





#54

cis-1,3-Dichloropropene

Concen: 1.051 ug/l

RT: 10.09 min Scan# 1342

Delta R.T. 0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

T1-S-B4-(0)

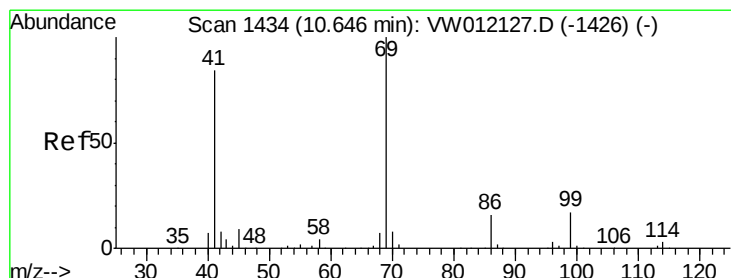
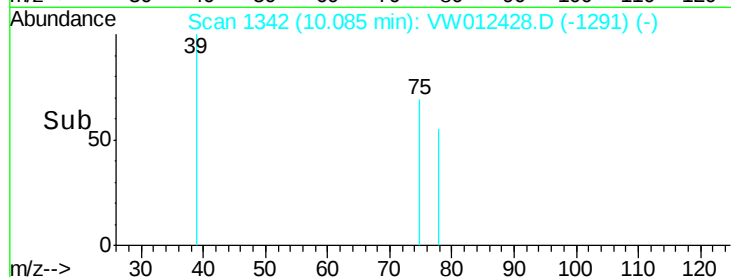
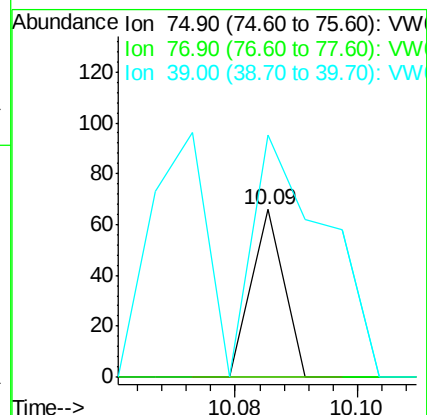
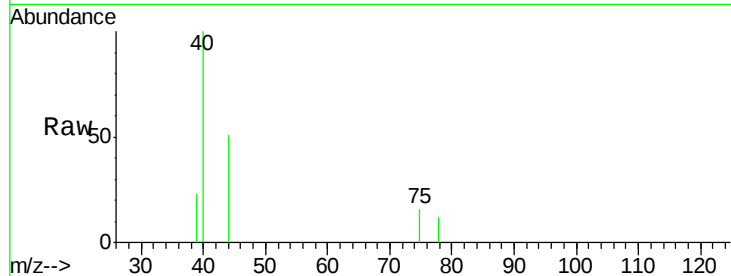
Tot Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 56.1 48.3 72.5



#56

Ethyl methacrylate

Concen: 1.323 ug/l

RT: 10.85 min Scan# 1468

Delta R.T. 0.21 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

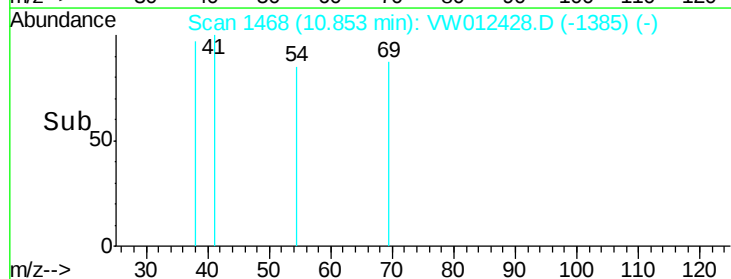
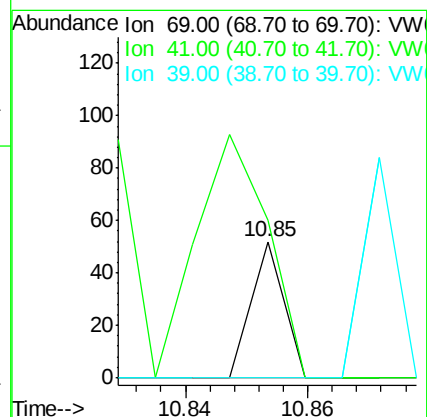
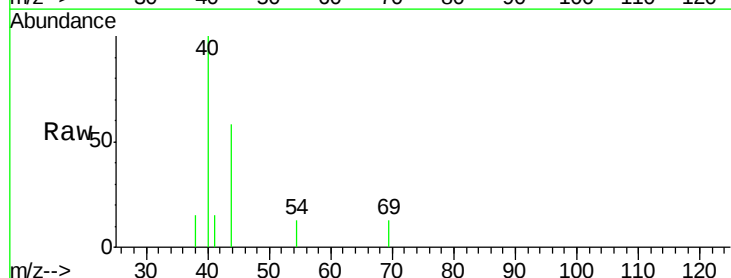
Tgt Ion: 69 Resp: 19

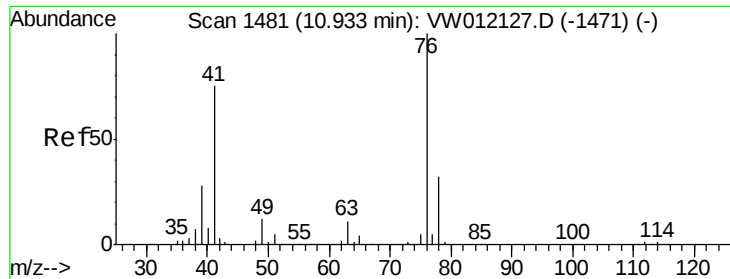
Ion Ratio Lower Upper

69 100

41 394.7 66.5 99.7#

39 0.0 31.0 46.4#

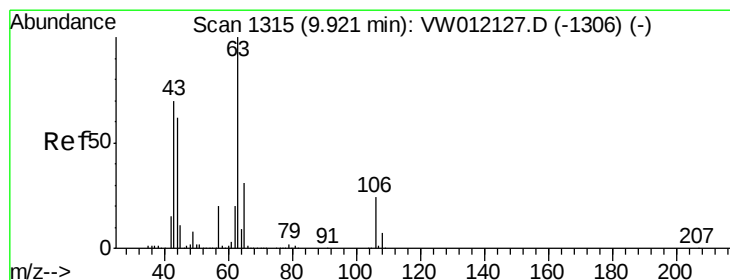
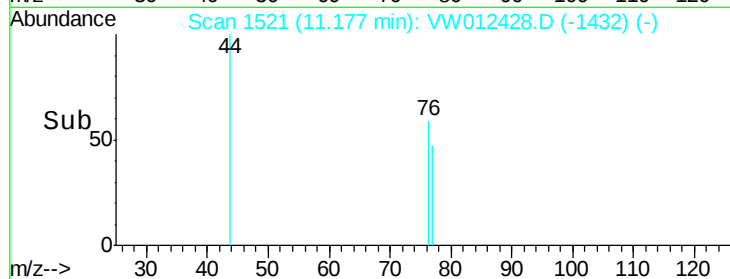
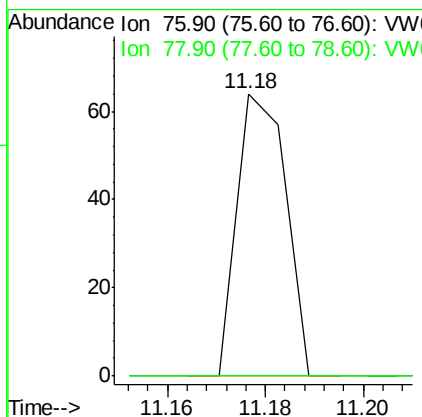
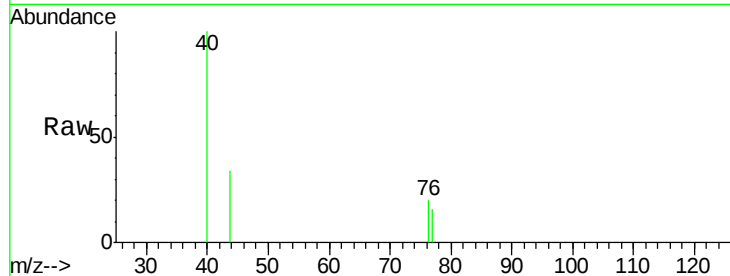




#57
 1,3-Dichloropropane
 Concen: 2.360 ug/l
 RT: 11.18 min Scan# 1521
 Delta R.T. 0.24 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

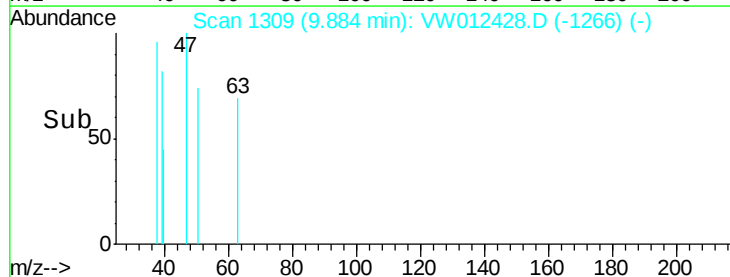
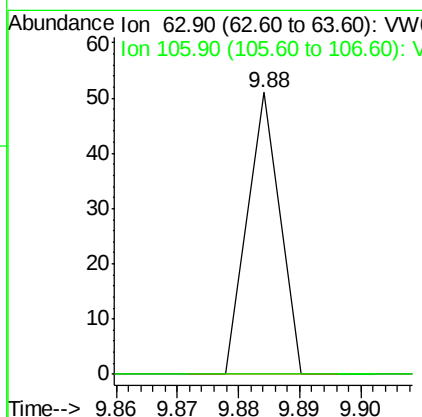
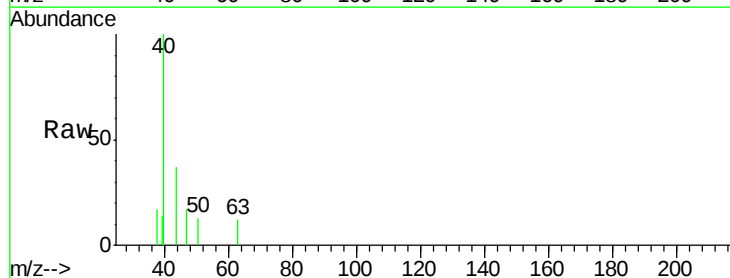
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B4-(0)

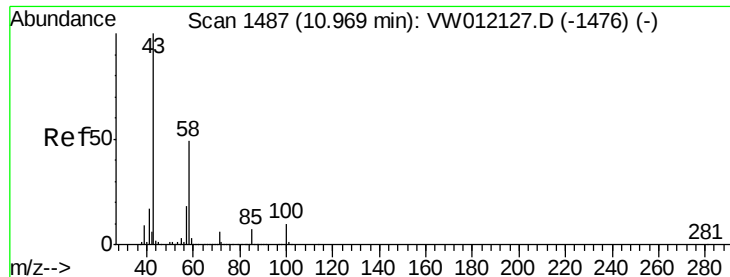
Tot Ion: 76 Resp: 44
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.578 ug/l
 RT: 9.88 min Scan# 1309
 Delta R.T. -0.04 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

Tgt Ion: 63 Resp: 19
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.8 29.8#

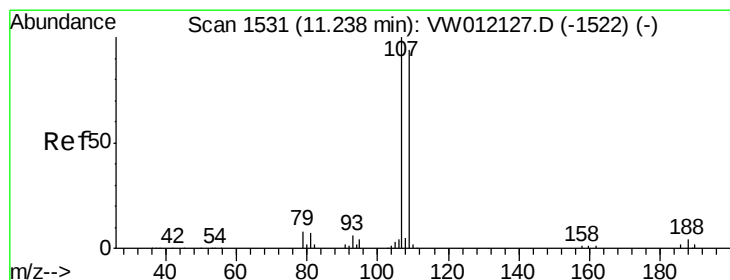
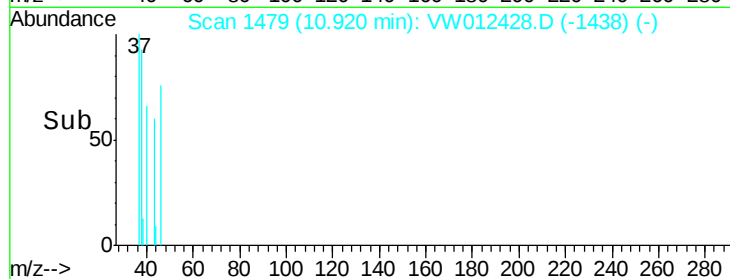
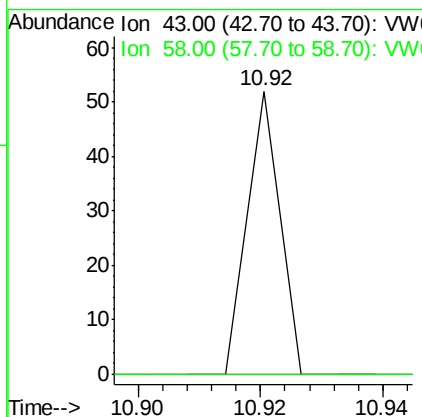
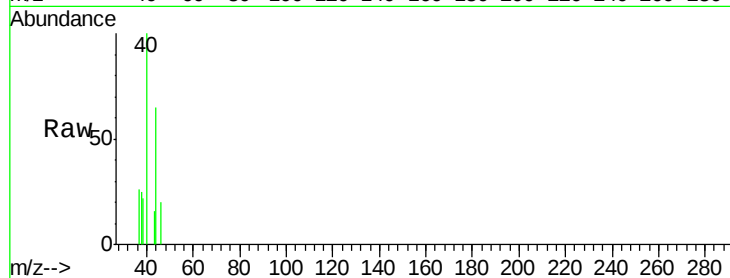




#59
 2-Hexanone
 Concen: 2.439 ug/l
 RT: 10.92 min Scan# 1479
 Delta R.T. -0.05 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

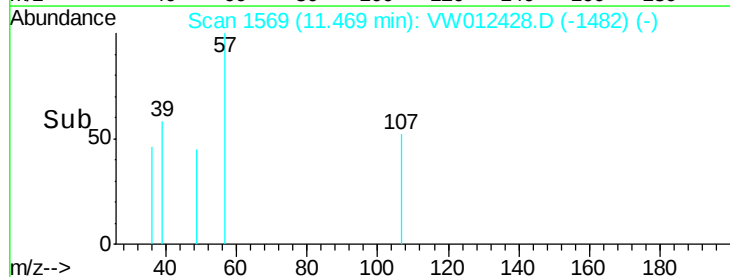
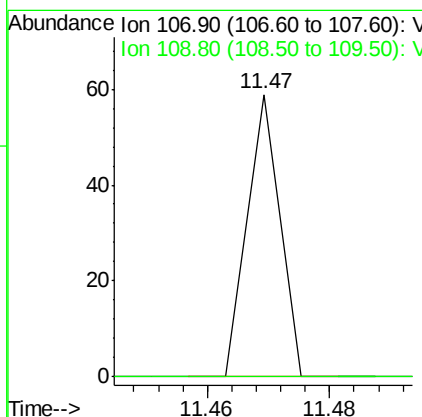
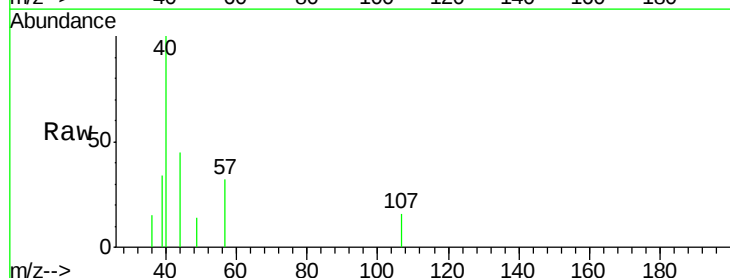
Instrument :
 MSVOA_W
 ClientSampled :
 T1-S-B4-(0)

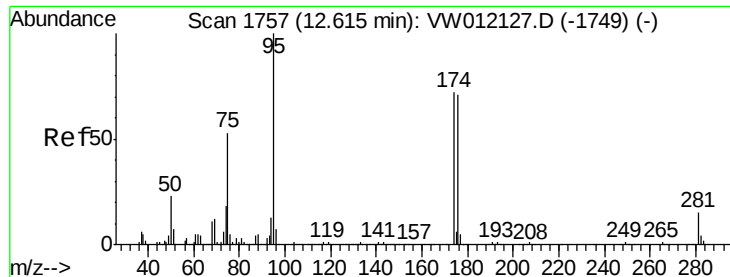
Tot Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.3 72.9#



#61
 1,2-Dibromoethane
 Concen: 2.393 ug/l
 RT: 11.47 min Scan# 1569
 Delta R.T. 0.23 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

Tgt Ion: 107 Resp: 22
 Ion Ratio Lower Upper
 107 100
 109 0.0 75.4 113.2#

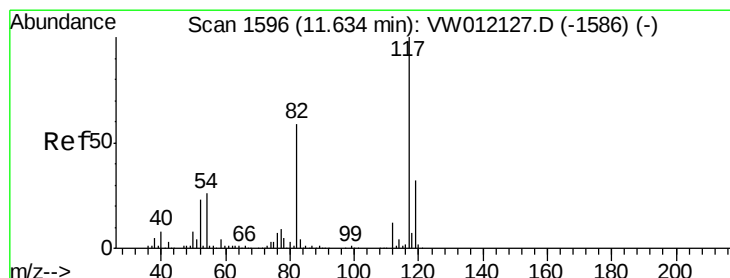
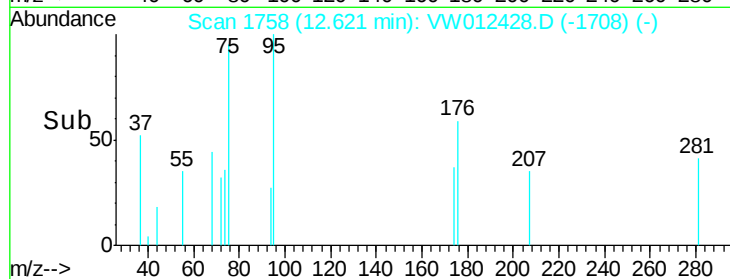
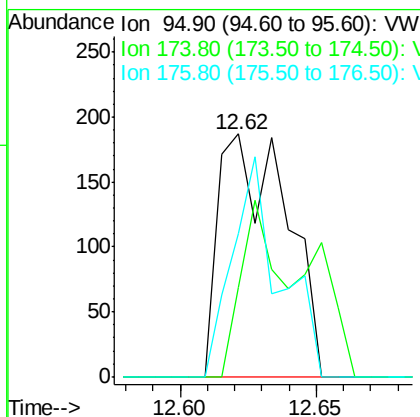
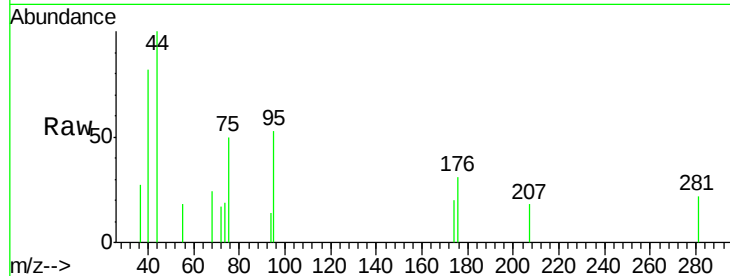




#62
4-Bromofluorobenzene
Concen: 18.286 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

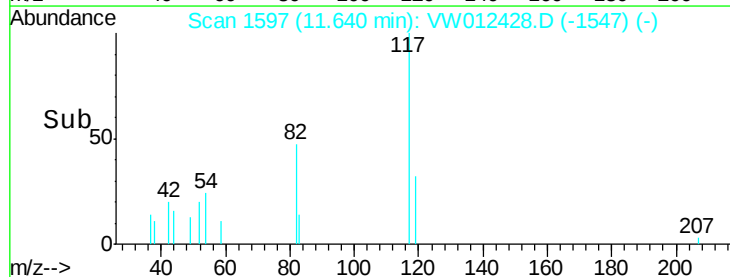
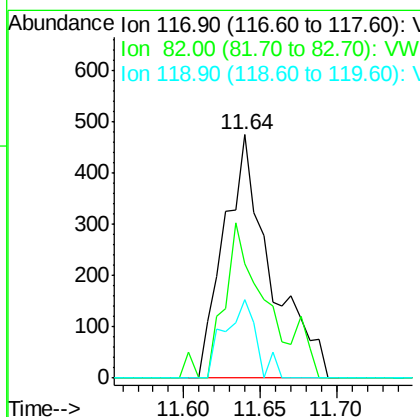
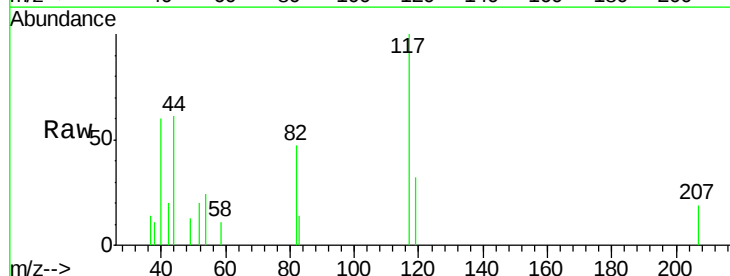
Instrument :
MSVOA_W
ClientSampleId :
T1-S-B4-(0)

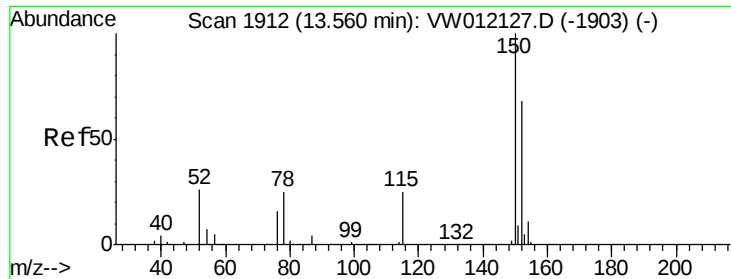
Tot Ion: 95 Resp: 322
Ion Ratio Lower Upper
95 100
174 40.4 0.0 150.8
176 62.7 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW012428.D
Acq: 01 Sep 2019 04:56

Tgt Ion: 117 Resp: 1007
Ion Ratio Lower Upper
117 100
82 47.2 47.4 71.2#
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

T1-S-B4-(0)

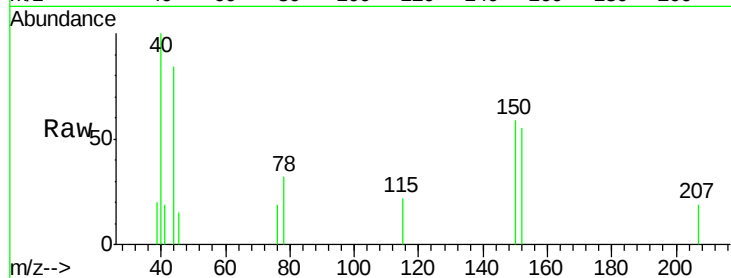
Tot Ion:152 Resp: 225

Ion Ratio Lower Upper

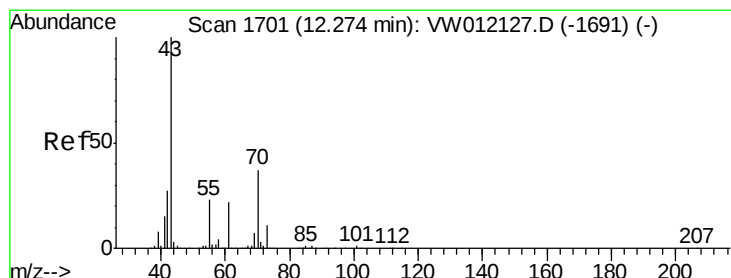
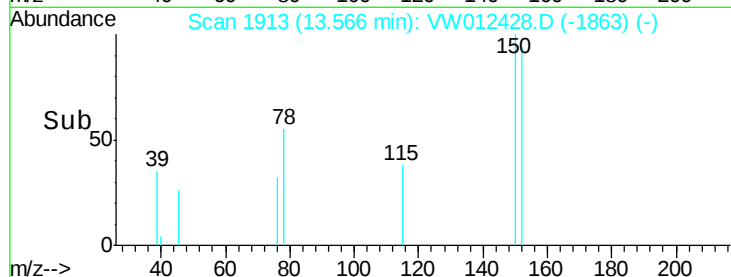
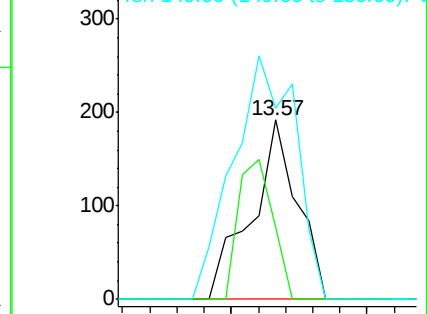
152 100

115 58.7 30.1 90.3

150 183.6 0.0 345.8



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



#74

N-ethyl acetate

Concen: 5.301 ug/l

RT: 12.30 min Scan# 1705

Delta R.T. 0.02 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Tgt Ion: 43 Resp: 27

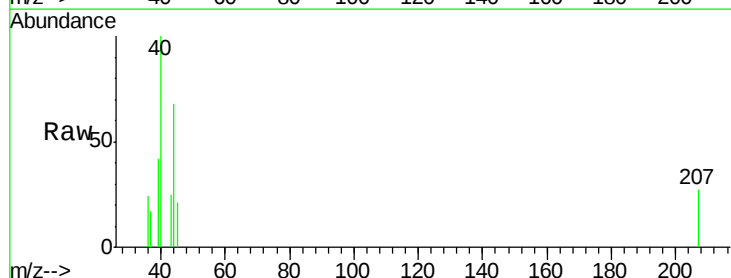
Ion Ratio Lower Upper

43 100

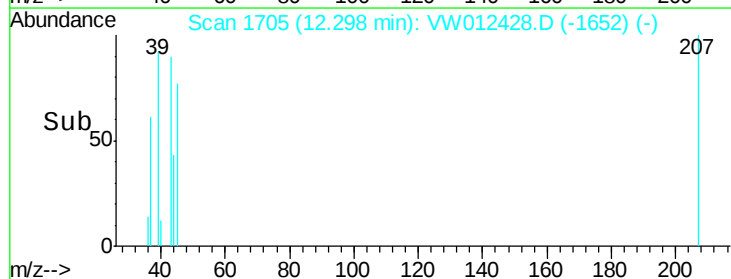
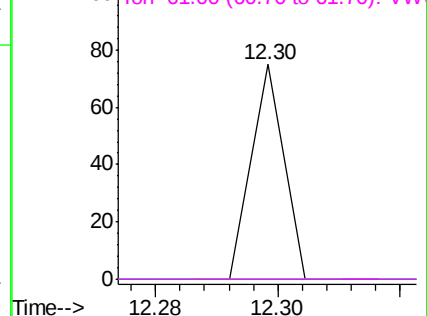
70 0.0 28.6 43.0#

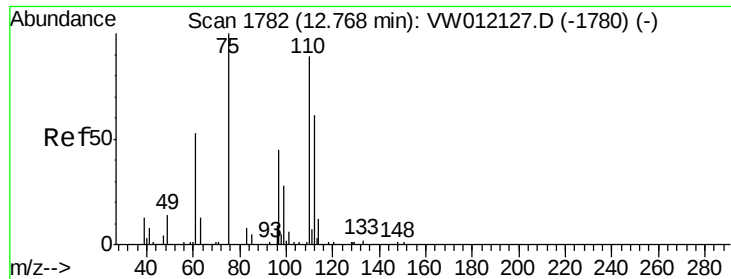
55 0.0 17.8 26.6#

61 0.0 17.3 25.9#



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





#76

1,2,3-Trichloropropane

Concen: 130.514 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

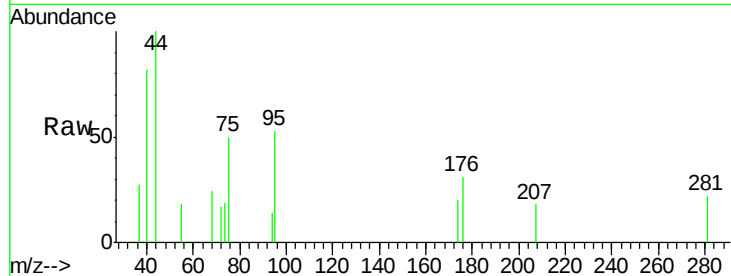
T1-S-B4-(0)

Tot Ion: 75 Resp: 286

Ion Ratio Lower Upper

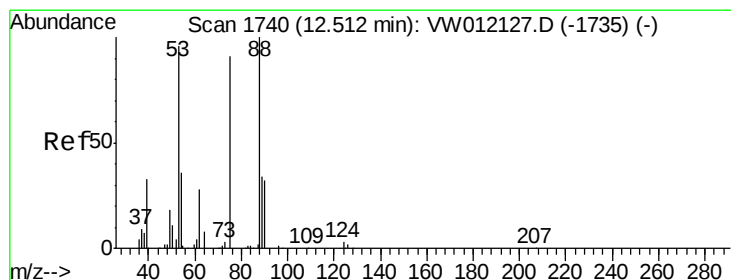
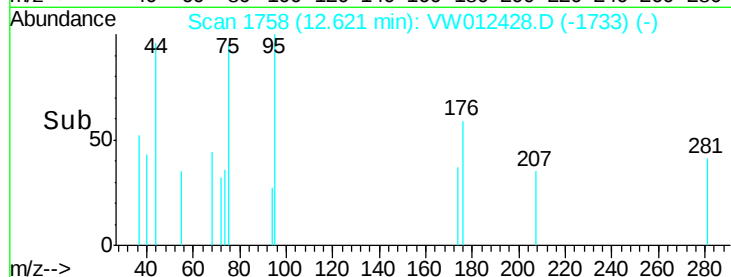
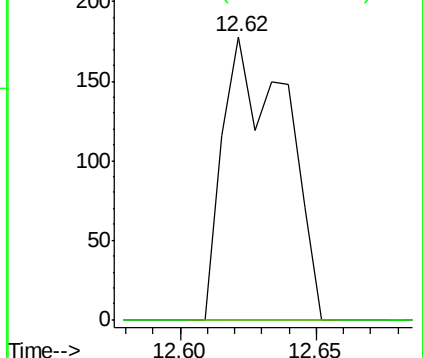
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 286.156 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

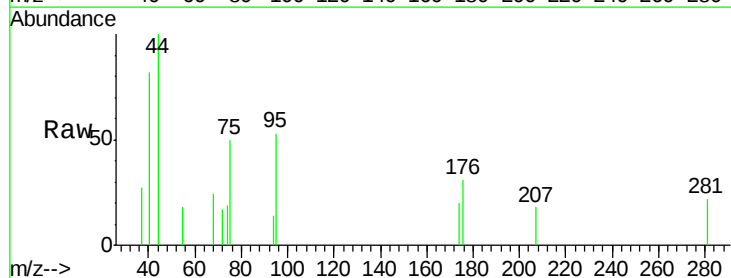
Tgt Ion: 75 Resp: 286

Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

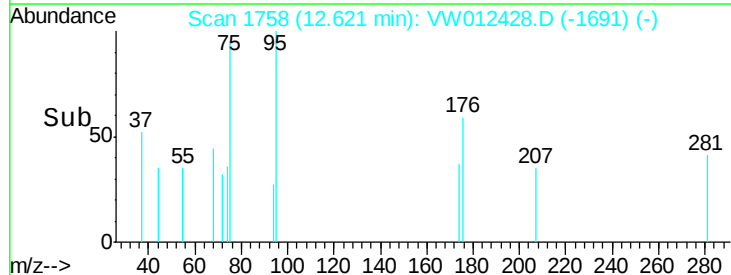
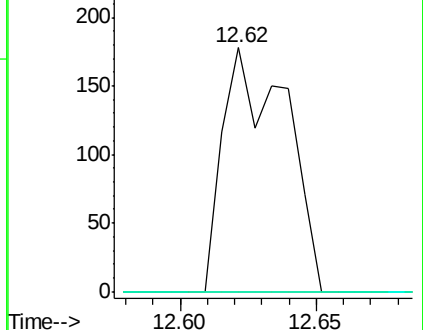
89 0.0 34.5 51.7#

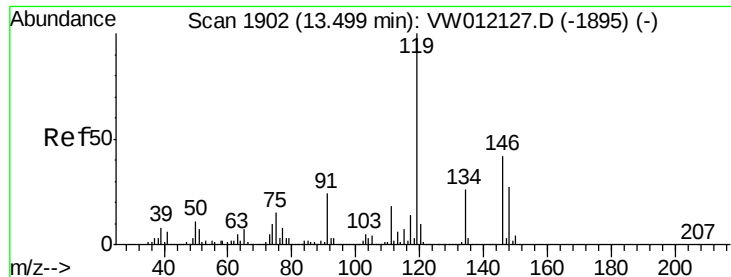


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

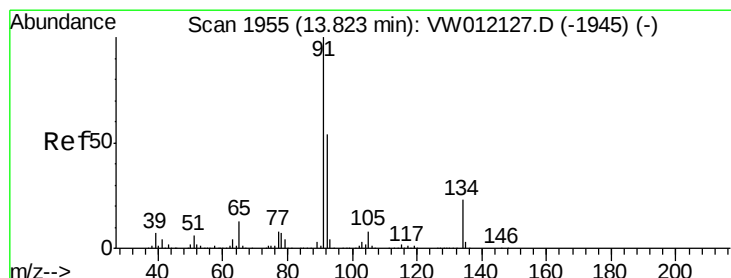
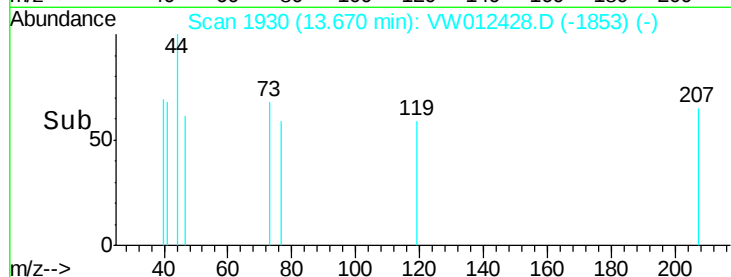
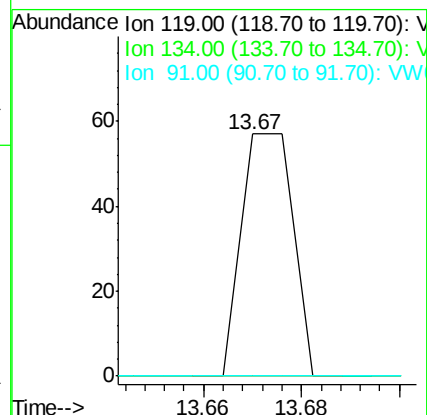
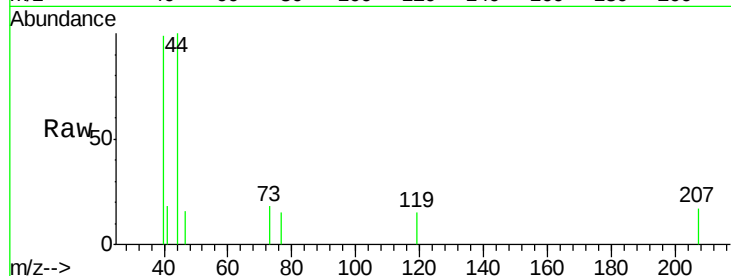




#86
 p-Isopropyltoluene
 Concen: 2.751 ug/l
 RT: 13.67 min Scan# 1930
 Delta R.T. 0.17 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

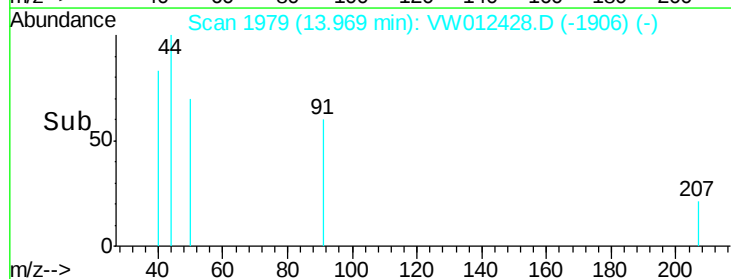
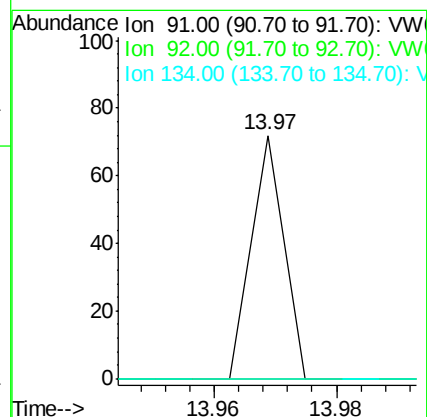
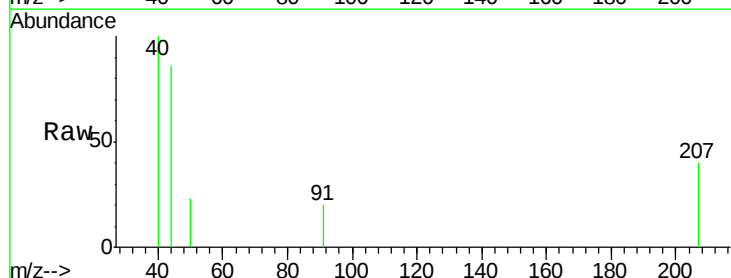
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B4-(0)

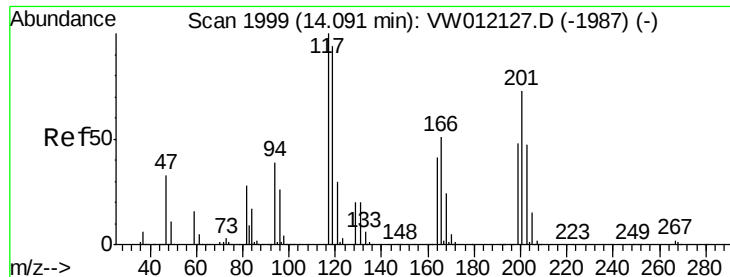
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.8	38.3#
91	0.0	12.3	36.9#



#89
 n-Butylbenzene
 Concen: 1.712 ug/l
 RT: 13.97 min Scan# 1979
 Delta R.T. 0.15 min
 Lab File: VW012428.D
 Acq: 01 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.1	81.2#
134	0.0	12.2	36.4#





#90

Hexachloroethane

Concen: 18.292 ug/l

RT: 14.33 min Scan# 2039

Delta R.T. 0.24 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

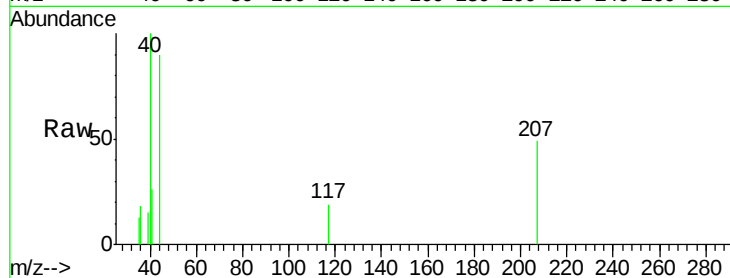
T1-S-B4-(0)

Tot Ion:117 Resp: 49

Ion Ratio Lower Upper

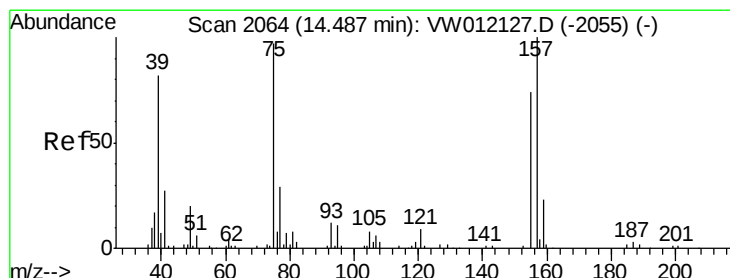
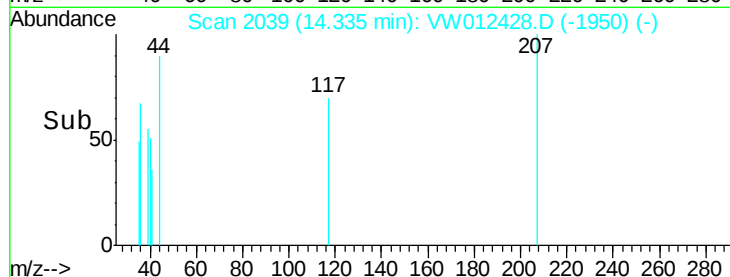
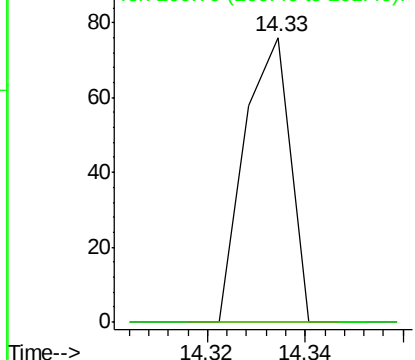
117 100

201 0.0 38.6 115.7#



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: 38.383 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012428.D

Acq: 01 Sep 2019 04:56

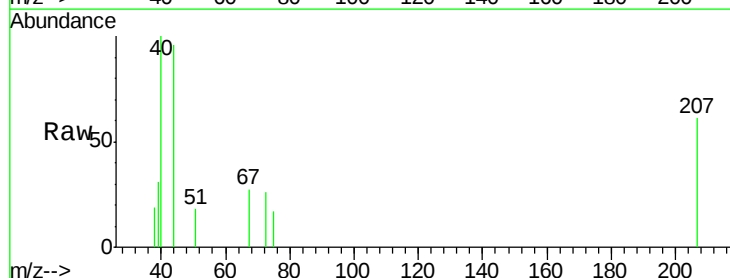
Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

155 0.0 37.5 112.3#

157 0.0 50.5 151.5#



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

